

## 10. CONNECTOR COMPOSITES (CHAPTER 10)

### 10.1. CONNECTOR COMPOSITES (701), (702), (1002), (1003), (1004), (1005), P. 1

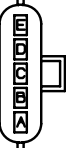
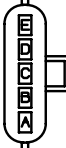
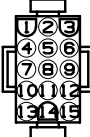
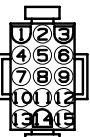



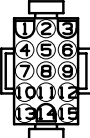

<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>		<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																																																																																									
<b>LEFT TAIL/STOP/TURN LIGHT (701)</b> (LOCATED AT REAR FRAME RAIL)   <div style="margin-left: 150px;">           CONNECTOR: 1661375C2            BODY LOCK: 1661376C1            PLUG: 0587579C1         </div> <table border="1" style="width: 100%; margin-top: 10px;"> <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>BLUE</td><td>14</td><td>LTBL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>BROWN</td><td>14</td><td>BN</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>GREEN</td><td>14</td><td>LTGN</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>71-G</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	BLUE	14	LTBL	2033816C1	0589391C1	B	BROWN	14	BN	2033816C1	0589391C1	C	GREEN	14	LTGN	2033816C1	0589391C1	D	PLUG	-	-	-	-	E	71-G	14	WH	2033816C1	0589391C1	<b>RIGHT TAIL/STOP/TURN LIGHT (702)</b> (LOCATED AT REAR FRAME RAIL)   <div style="margin-left: 150px;">           CONNECTOR: 1661375C2            BODY LOCK: 1661376C1            PLUG: 0587579C1         </div> <table border="1" style="width: 100%; margin-top: 10px;"> <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>BLUE</td><td>14</td><td>LTBL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>BROWN</td><td>14</td><td>BN</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>GREEN</td><td>14</td><td>LTGN</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>71</td><td>14</td><td>OR</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>E</td><td>WHITE</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	BLUE	14	LTBL	2033816C1	0589391C1	B	BROWN	14	BN	2033816C1	0589391C1	C	GREEN	14	LTGN	2033816C1	0589391C1	D	71	14	OR	2033816C1	0589391C1	E	WHITE	14	WH	2033816C1	0589391C1																																																
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<b>PANEL LIGHT SPLICE CONN (1002)</b> (LOCATED LEFT SIDE INSTRUMENT PANEL) CONNECTOR: 2007315C1    BUS BAR: 2007217C1 BODY LOCK: 2007316C1    COVER: 2010558C1 PLUG: N/A		<b>GROUND SPLICE CONN (1003)</b> (LOCATED LEFT SIDE INSTRUMENT PANEL) CONNECTOR: 2007315C1    BUS BAR: 2007217C1 BODY LOCK: 2007316C1    COVER: 2010558C1 PLUG: N/A																																																																																																																									
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Figure 90 Connector Composites (701), (702), (1002), (1003), (1004), (1005)

## 10.2. CONNECTOR COMPOSITES (1006), (1007), (1008F), (1008M), (1009), (1010), (1012), P. 2

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<b>COIL SIGNAL ZERO VOLT REFERENCE (ZVR) (1009)</b> (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)  CONNECTOR: 2006789C1 BODY LOCK: 2006792C1 PLUG: N/A   <table border="1" style="margin-left: 20px; 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>A12E</td><td>18</td><td>LTBL</td><td>1661208C1</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>A89FD</td><td>18</td><td>VT</td><td>1661208C1</td></tr> <tr><td>D</td><td>A89CD</td><td>18</td><td>VT</td><td>1661208C1</td></tr> <tr><td>E</td><td>A89BD</td><td>18</td><td>VT</td><td>1661208C1</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A12E	18	LTBL	1661208C1	B	-	-	-	-	C	A89FD	18	VT	1661208C1	D	A89CD	18	VT	1661208C1	E	A89BD	18	VT	1661208C1	F	-	-	-	-	G	-	-	-	-	<b>BODY BUILDER CONN (1012)</b> (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE) CAVITY 2 NEEDS TO BE OPEN-NO CIRCUIT  * W/LTC XMSN/SHIFT INHIBIT **W/WTEC XMSN/SHIFT INHIBIT  CONNECTOR: 3586675C91 BODY LOCK: N/A PLUG: N/A   <table border="1" style="margin-left: 20px; 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>A89D</td><td>18</td><td>PL</td><td>1661539C1</td></tr> <tr><td>2</td><td>OPEN</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>A89XX</td><td>16</td><td>VT</td><td>1661539C1</td></tr> <tr><td>4</td><td>A44C</td><td>18</td><td>GY</td><td>1661539C1</td></tr> <tr><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>A11-GB</td><td>18</td><td>WH</td><td>1661539C1</td></tr> <tr><td>7</td><td>A#111, A#155</td><td>18</td><td>TN</td><td>1661539C1</td></tr> <tr><td>7</td><td>*, **A#101</td><td>18</td><td>TN</td><td>1661539C1</td></tr> <tr><td>8</td><td>A92E</td><td>16</td><td>TN</td><td>1661539C1</td></tr> <tr><td>9</td><td>A89SL</td><td>18</td><td>GY</td><td>1661539C1</td></tr> <tr><td>10</td><td>A92F</td><td>16</td><td>TN</td><td>1661539C1</td></tr> <tr><td>11</td><td>A71D</td><td>16</td><td>LTBL</td><td>1661539C1</td></tr> <tr><td>12</td><td>A89RR</td><td>16</td><td>VT</td><td>1661539C1</td></tr> <tr><td>13</td><td>A89PP</td><td>16</td><td>VT</td><td>1661539C1</td></tr> <tr><td>14</td><td>A89LL</td><td>16</td><td>VT</td><td>1661539C1</td></tr> <tr><td>15</td><td>A#128A, A#161</td><td>18</td><td>TN</td><td>1661539C1</td></tr> <tr><td>15*</td><td>A#103A</td><td>18</td><td>TN</td><td>1661539C1</td></tr> <tr><td>15**</td><td>A#103A</td><td>18</td><td>TN</td><td>1661539C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	A89D	18	PL	1661539C1	2	OPEN	-	-	-	3	A89XX	16	VT	1661539C1	4	A44C	18	GY	1661539C1	5	-	-	-	-	6	A11-GB	18	WH	1661539C1	7	A#111, A#155	18	TN	1661539C1	7	*, **A#101	18	TN	1661539C1	8	A92E	16	TN	1661539C1	9	A89SL	18	GY	1661539C1	10	A92F	16	TN	1661539C1	11	A71D	16	LTBL	1661539C1	12	A89RR	16	VT	1661539C1	13	A89PP	16	VT	1661539C1	14	A89LL	16	VT	1661539C1	15	A#128A, A#161	18	TN	1661539C1	15*	A#103A	18	TN	1661539C1	15**	A#103A	18	TN	1661539C1																																								
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<b>POST TRIP INSPECTION DIODE ASSEMBLY (1010)</b> (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)   <div style="margin-left: 20px;">           CONNECTOR: 0872291R1            BODY LOCK: N/A            PLUG: N/A         </div> <table border="1" style="margin-left: 20px; 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>A89DB</td><td>18</td><td>VT</td><td>0879630R1</td></tr> <tr><td>B</td><td>A89DA</td><td>18</td><td>VT</td><td>0879630R1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A89DB	18	VT	0879630R1	B	A89DA	18	VT	0879630R1																																																																																																																																																																				
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CHK	DATE	CHANGE	REV	REFERENCE	DRASH	NAME	DATE	PART NO.	SHEET
JPK	9JAN06	ADDED ABS6 EFFECTS	G	59968S	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS	17JAN03	AE08-54996	02
					RELEASE NO.				
					57279H				

Figure 91 Connector Composites (1006), (1007), (1008F), (1008M), (1009), (1010), (1012)

## 10.3. CONNECTOR COMPOSITE (1011), P. 3

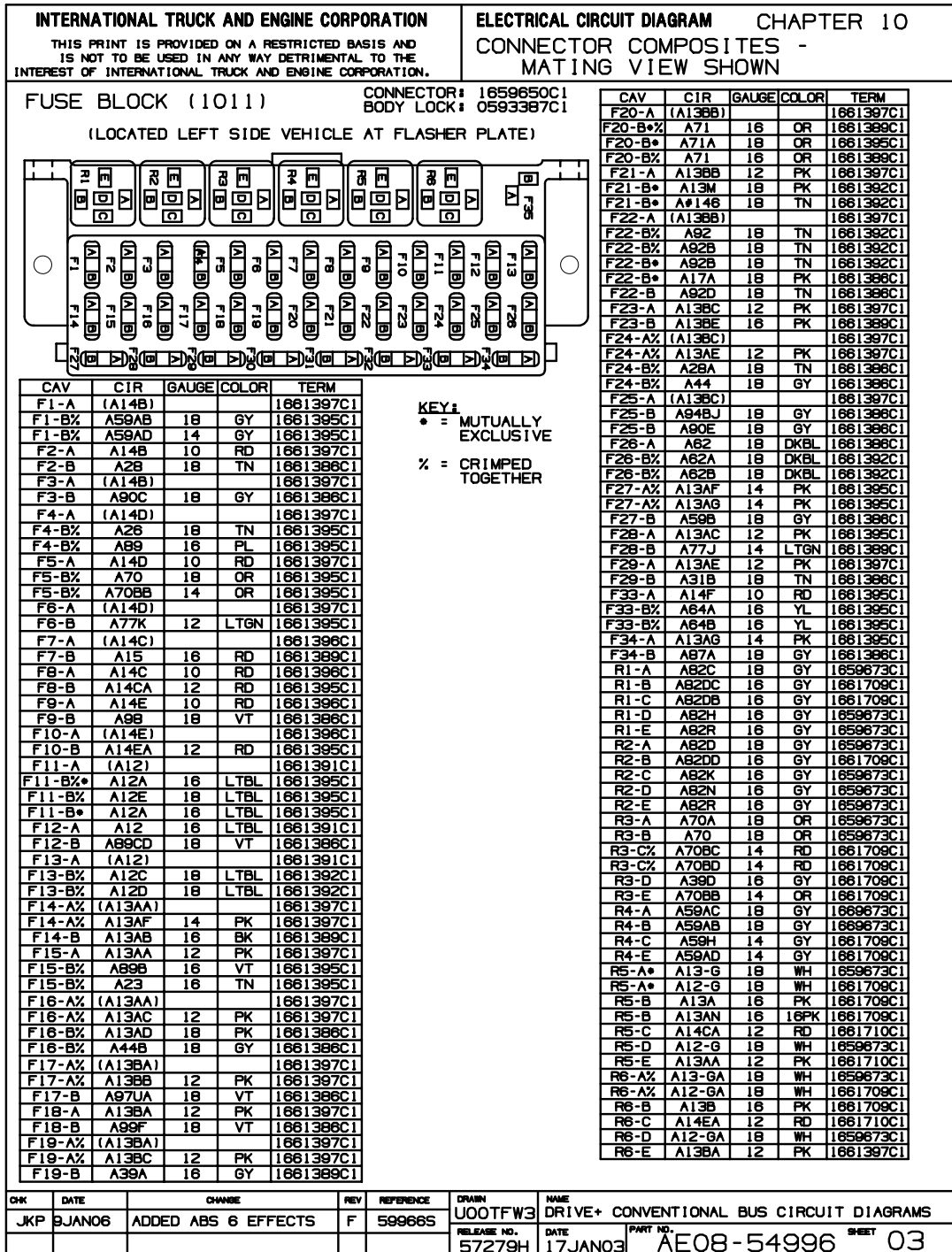


Figure 92 Connector Composite (1011)

## 10.4. CONNECTOR COMPOSITE (1011) FUSE / CIRCUIT BREAKER CHART, P. 4

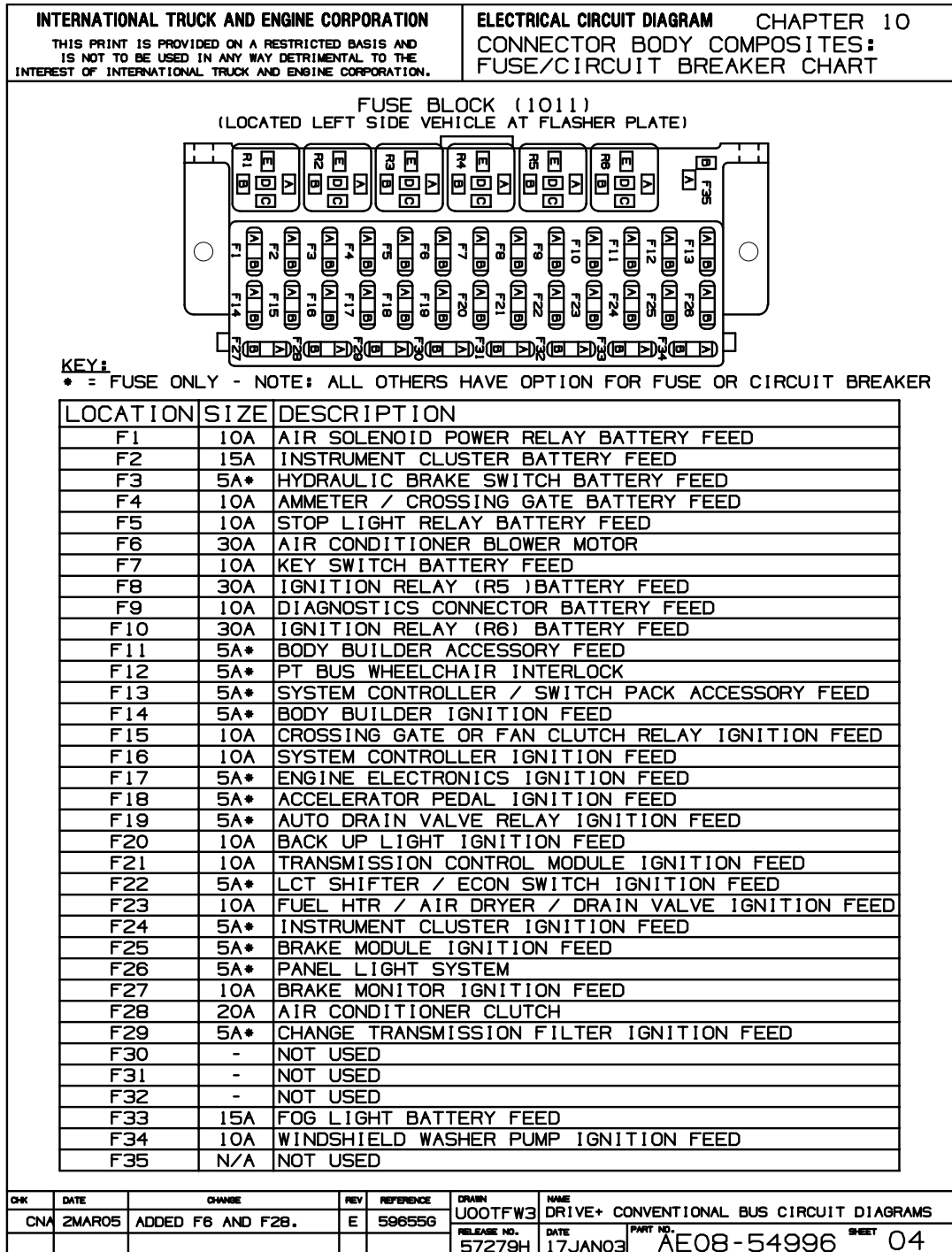
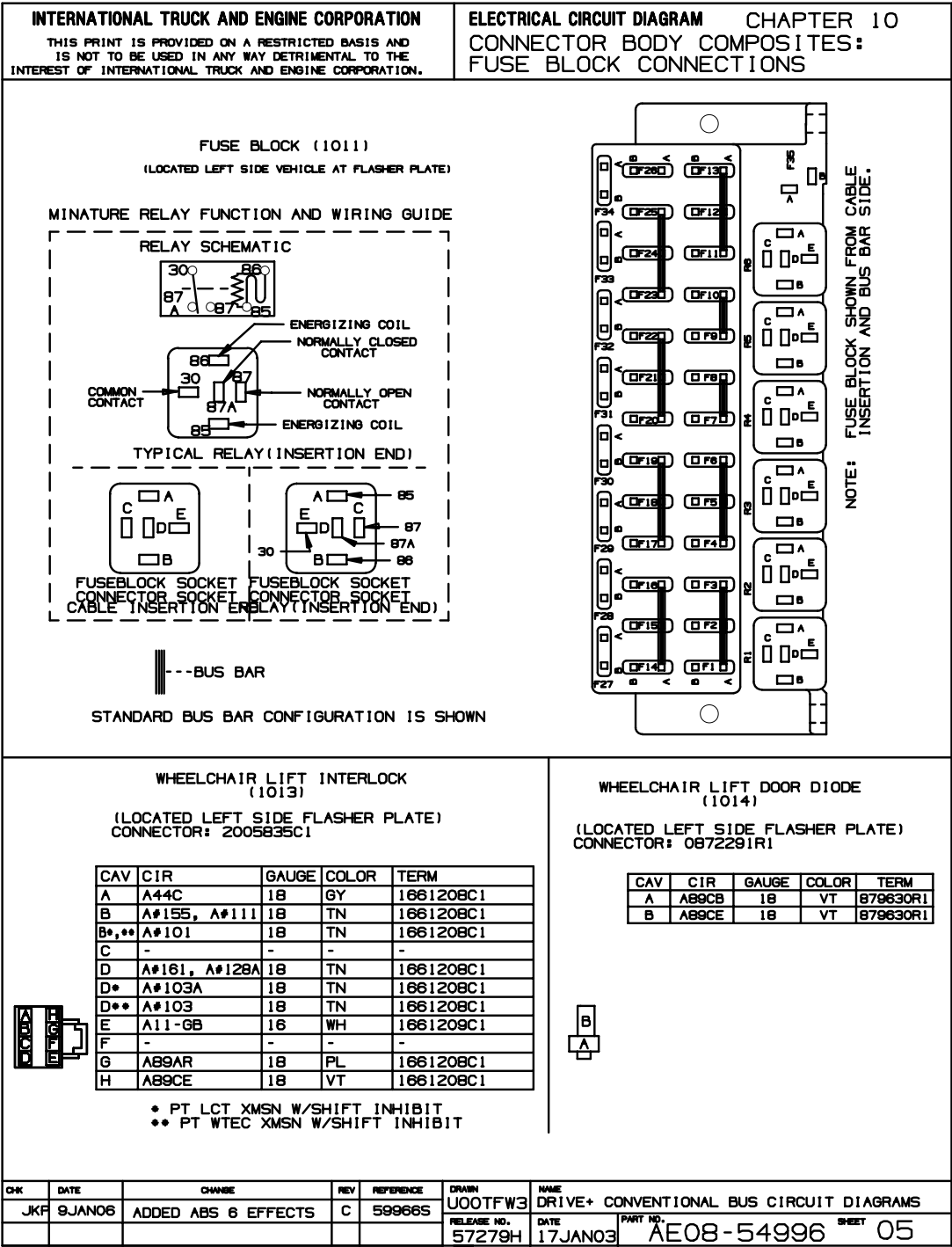
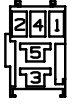





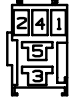



Figure 93 Connector Composite (1011) Fuse / Circuit Breaker Chart

10.5. CONNECTOR COMPOSITES (1011), (1013), (1014) FUSE BLOCK CONNECTIONS, P. 5



## 10.6. CONNECTOR COMPOSITES (1015), (1016), (1017), (1018), (1019), (1020), (1021), (1023), P. 6

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																		
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<b>BACK-UP LIGHT RELAY (1015)</b> (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE) CONNECTOR: 2028683C1 BODY LOCK: 2028684C1 PLUG: N/A CLAMP: 0435265C1 KEY: * = MUTUALLY EXCLUSIVE % = CRIMPED TOGETHER				<b>BACK-UP LIGHT CHECK RELAY (1016)</b> (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE) CONNECTOR: 2028683C1 BODY LOCK: 2028684C1 PLUG: N/A CLAMP: 0435265C1 KEY: * = MUTUALLY EXCLUSIVE % = CRIMPED TOGETHER																																																																																																		
 <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>1</td><td>A#113</td><td>18</td><td>OR</td><td>2025418C1</td></tr> <tr><td>1*</td><td>A165</td><td>18</td><td>TN</td><td>2025418C1</td></tr> <tr><td>2*</td><td>A71B</td><td>18</td><td>OR</td><td>2025418C1</td></tr> <tr><td>2*</td><td>A71B</td><td>16</td><td>OR</td><td>2025418C1</td></tr> <tr><td>3*</td><td>A71</td><td>16</td><td>OR</td><td>1661709C1</td></tr> <tr><td>3*</td><td>A71B</td><td>18</td><td>OR</td><td>1661709C1</td></tr> <tr><td>3*</td><td>A71B</td><td>16</td><td>OR</td><td>1661710C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>A71B</td><td>16</td><td>LT BL</td><td>2018946C1</td></tr> <tr><td>5*</td><td>A71BB</td><td>16</td><td>LT BL</td><td>1661710C1</td></tr> <tr><td>5&amp;*</td><td>A71BB</td><td>16</td><td>OR</td><td>1661710C1</td></tr> </tbody> </table> <p>* WTEC &amp; LTS GEN4 6- W/LAMP CHECK</p>				CAV	CIR	GAUGE	COLOR	TERM	1	A#113	18	OR	2025418C1	1*	A165	18	TN	2025418C1	2*	A71B	18	OR	2025418C1	2*	A71B	16	OR	2025418C1	3*	A71	16	OR	1661709C1	3*	A71B	18	OR	1661709C1	3*	A71B	16	OR	1661710C1	4	-	-	-	-	5	A71B	16	LT BL	2018946C1	5*	A71BB	16	LT BL	1661710C1	5&*	A71BB	16	OR	1661710C1	 <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>1</td><td>A71A</td><td>18</td><td>OR</td><td>3519441C1</td></tr> <tr><td>1</td><td>A71E</td><td>18</td><td>OR</td><td>3519441C1</td></tr> <tr><td>2</td><td>A71C</td><td>18</td><td>OR</td><td>2025418C1</td></tr> <tr><td>3</td><td>A71D</td><td>16</td><td>LTBL</td><td>1661709C1</td></tr> <tr><td>4</td><td>A71F</td><td>16</td><td>OR</td><td>2025418C1</td></tr> <tr><td>5</td><td>A71E</td><td>18</td><td>OR</td><td>1659673C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	A71A	18	OR	3519441C1	1	A71E	18	OR	3519441C1	2	A71C	18	OR	2025418C1	3	A71D	16	LTBL	1661709C1	4	A71F	16	OR	2025418C1	5	A71E	18	OR	1659673C1
CAV	CIR	GAUGE	COLOR	TERM																																																																																																		
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4	A71F	16	OR	2025418C1																																																																																																		
5	A71E	18	OR	1659673C1																																																																																																		
<b>FOG LIGHT RELAY (1017)</b> (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE) CONNECTOR: 2028683C1 BODY LOCK: 2028684C1 PLUG: N/A CLAMP: 0435265C1				<b>AUTO DRAIN VALVE RELAY (1018)</b> (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE) CONNECTOR: 2028683C1 BODY LOCK: 2028684C1 PLUG: N/A CLAMP: 0435265C1																																																																																																		
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<b>WHEELCHAIR LIFT RELAY (1019)</b> (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE) CONNECTOR: 2028683C1 BODY LOCK: 2028684C1 PLUG: N/A CLAMP: 0435265C1				<b>EMERGENCY EXIT RELAY (1020)</b> (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE) CONNECTOR: 2028683C1 BODY LOCK: 2028684C1 PLUG: N/A CLAMP: 0435265C1 KEY: * = MUTUALLY EXCLUSIVE % = CRIMPED TOGETHER																																																																																																		
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<b>POST TRIP INSPECTION RELAY (1021)</b> (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE) CONNECTOR: 2028683C1 BODY LOCK: 2028684C1 PLUG: N/A CLAMP: 0435265C1 KEY: * = CRIMPED TOGETHER				<b>SPECIAL EQUIPMENT CONNECTOR (1023)</b> (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE) CONNECTOR: 3515762C1																																																																																																		
 <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>1</td><td>A89BD</td><td>18</td><td>VT</td><td>2025418C1</td></tr> <tr><td>2%</td><td>A89BC</td><td>18</td><td>VT</td><td>3519441C1</td></tr> <tr><td>2%</td><td>A89DA</td><td>18</td><td>VT</td><td>3519441C1</td></tr> <tr><td>3</td><td>A89BB</td><td>18</td><td>PL</td><td>1659673C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>A9BA</td><td>18</td><td>GY</td><td>1659673C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	A89BD	18	VT	2025418C1	2%	A89BC	18	VT	3519441C1	2%	A89DA	18	VT	3519441C1	3	A89BB	18	PL	1659673C1	4	-	-	-	-	5	A9BA	18	GY	1659673C1	 <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>A47</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>B</td><td>A48</td><td>18</td><td>GY</td><td>1661261C1</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> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>H</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A47	18	GY	1661261C1	B	A48	18	GY	1661261C1	C	-	-	-	-	D	-	-	-	-	E	-	-	-	-	F	-	-	-	-	G	-	-	-	-	H	-	-	-	-															
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
JPK	9JAN06	ADDED CAVS FOR 1015	D	59966S	UOOTFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS
				RELEASE NO.	DATE	PART NO.
				57279H	17JAN03	AE08-54996
						SHEET 06

Figure 95 Connector Composites (1015), (1016), (1017), (1018), (1019), (1020), (1021), (1023)

## 10.7. CONNECTOR COMPOSITES ((1100), ((1101), ((1104), ((1105), ((1106), ((1107), ((1107F), ((1108), P. 7





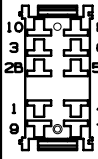



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<p style="text-align: center;">KEY SWITCH ((1100) (LOCATED AT INSTRUMENT WING PANEL)</p>  <p style="text-align: center;">CONNECTOR: 3548518C1 BODY LOCK: 3548519C1 PLUG: N/A</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A15</td> <td>18</td> <td>RD</td> <td>1661209C1</td> </tr> <tr> <td>B</td> <td>A17</td> <td>16</td> <td>PK</td> <td>1661209C1</td> </tr> <tr> <td>C</td> <td>A12</td> <td>16</td> <td>LT BL</td> <td>1661209C1</td> </tr> <tr> <td>D</td> <td>A13AN</td> <td>16</td> <td>PK</td> <td>1661209C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A15	18	RD	1661209C1	B	A17	16	PK	1661209C1	C	A12	16	LT BL	1661209C1	D	A13AN	16	PK	1661209C1	<p style="text-align: center;">SWITCH PACK, UPPER ADDRESS ((1101) (LOCATED AT INSTRUMENT WING PANEL)</p>  <p style="text-align: center;">CONNECTOR: 2031871C1 BODY LOCK: 2031873C1 PLUG: N/A</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A11-GC</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A12C</td> <td>18</td> <td>LT BL</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>A62E</td> <td>18</td> <td>DK BL</td> <td>1661261C1</td> </tr> <tr> <td>D</td> <td>A3E(+)</td> <td>18</td> <td>DK BL</td> <td>1661261C1</td> </tr> <tr> <td>E</td> <td>A3F(-)</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> <tr> <td>F</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A11-GC	18	WH	1661261C1	B	A12C	18	LT BL	1661261C1	C	A62E	18	DK BL	1661261C1	D	A3E(+)	18	DK BL	1661261C1	E	A3F(-)	18	GY	1661261C1	F	-	-	-	-															
CAV	CIR	GAUGE	COLOR	TERM																																																																														
A	A15	18	RD	1661209C1																																																																														
B	A17	16	PK	1661209C1																																																																														
C	A12	16	LT BL	1661209C1																																																																														
D	A13AN	16	PK	1661209C1																																																																														
CAV	CIR	GAUGE	COLOR	TERM																																																																														
A	A11-GC	18	WH	1661261C1																																																																														
B	A12C	18	LT BL	1661261C1																																																																														
C	A62E	18	DK BL	1661261C1																																																																														
D	A3E(+)	18	DK BL	1661261C1																																																																														
E	A3F(-)	18	GY	1661261C1																																																																														
F	-	-	-	-																																																																														
<p style="text-align: center;">AIR PARK BRAKE PRESS SWITCH (LOCATED AT INSTRUMENT WING PANEL) ((1104)</p>  <p style="text-align: center;">CONNECTOR: 1661777C1 BODY LOCK: 1661873C1 PLUG: 2025431C1</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>A44BB</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>D</td> <td>A9B</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	C	A44BB	18	GY	1661875C1	3568570C1	D	A9B	18	GY	1661875C1	1661872C1	<p style="text-align: center;">HYD PARK BRAKE SWITCH (LOCATED AT INSTRUMENT WING PANEL) ((1105)</p>  <p style="text-align: center;">CONNECTOR: 1661259C1 BODY LOCK: 1661263C1 PLUG: N/A</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A44AA</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A90B-G</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A44AA	18	GY	1661261C1	B	A90B-G	18	WH	1661261C1																																										
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B	A90B-G	18	WH	1661261C1																																																																														
<p style="text-align: center;">ECON SWITCH ((1106) (LOCATED AT INSTRUMENT CLUSTER)</p>  <p style="text-align: center;">CONNECTOR: 3520850C1 BODY LOCK: N/A PLUG: N/A</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>2B</td> <td>A#110</td> <td>18</td> <td>TN</td> <td>1661224C1</td> </tr> <tr> <td>2B*</td> <td>A#A142</td> <td>18</td> <td>WH</td> <td>1661224C1</td> </tr> <tr> <td>3</td> <td>A#128/A#128A</td> <td>18</td> <td>TN</td> <td>1661224C1</td> </tr> <tr> <td>3**</td> <td>A103</td> <td>18</td> <td>TN</td> <td>1661224C1</td> </tr> <tr> <td>3**</td> <td>A103</td> <td>18</td> <td>TN</td> <td>3541250C1</td> </tr> <tr> <td>3***</td> <td>A103A</td> <td>18</td> <td>TN</td> <td>3541250C1</td> </tr> <tr> <td>5B</td> <td>A92B</td> <td>18</td> <td>TN</td> <td>1661224C1</td> </tr> <tr> <td>5B@</td> <td>A92B</td> <td>18</td> <td>TN</td> <td>1661224C1</td> </tr> <tr> <td>5B@@</td> <td>A92D</td> <td>18</td> <td>TN</td> <td>1661224C1</td> </tr> <tr> <td>8</td> <td>A62D</td> <td>18</td> <td>DK BL</td> <td>1661224C1</td> </tr> <tr> <td>10</td> <td>A62-GD</td> <td>18</td> <td>WH</td> <td>1661224C1</td> </tr> </tbody> </table> <p style="text-align: center;">* LCT GEN4 ** N/SHIFT INHIBIT *** W/SHIFT INHIBIT @ W/SHIFTER INTERLOCK @@ N/SHIFTER INTERLOCK</p>				CAV	CIR	GAUGE	COLOR	TERM	2B	A#110	18	TN	1661224C1	2B*	A#A142	18	WH	1661224C1	3	A#128/A#128A	18	TN	1661224C1	3**	A103	18	TN	1661224C1	3**	A103	18	TN	3541250C1	3***	A103A	18	TN	3541250C1	5B	A92B	18	TN	1661224C1	5B@	A92B	18	TN	1661224C1	5B@@	A92D	18	TN	1661224C1	8	A62D	18	DK BL	1661224C1	10	A62-GD	18	WH	1661224C1	<p style="text-align: center;">CABLE PARK BRAKE INTERCONNECT (LOCATED AT ABOVE ACCELERATOR PEDAL) ((1107)</p>  <p style="text-align: center;">CONNECTOR: 1661259C1 BODY LOCK: 1661263C1 PLUG: N/A</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A9K</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A44CC</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A9K	18	GY	1661261C1	B	A44CC	18	GY	1661261C1
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3	A#128/A#128A	18	TN	1661224C1																																																																														
3**	A103	18	TN	1661224C1																																																																														
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5B	A92B	18	TN	1661224C1																																																																														
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5B@@	A92D	18	TN	1661224C1																																																																														
8	A62D	18	DK BL	1661224C1																																																																														
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<p style="text-align: center;">CABLE PARK BRAKE INTERCONNECT (LOCATED AT ABOVE ACCELERATOR PEDAL) ((1107F)</p>  <p style="text-align: center;">CONNECTOR: 1661260C1 BODY LOCK: 1661264C1 PLUG: N/A</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A9L</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A44DD</td> <td>18</td> <td>RD</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A9L	18	BN	1661261C1	B	A44DD	18	RD	1661261C1	<p style="text-align: center;">CABLE PARK BRAKE SWITCH (LOCATED NEAR DRIVERS SEAT) ((1108)</p>  <p style="text-align: center;">CONNECTOR: 1661259C1 BODY LOCK: 1661263C1 PLUG: N/A</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A9L</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A44DD</td> <td>18</td> <td>RD</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A9L	18	BN	1661261C1	B	A44DD	18	RD	1661261C1																																													
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Figure 96 Connector Composites ((1100), ((1101), ((1104), ((1105), ((1106), ((1107), ((1107F), ((1108)



## Connector Composites (1200), (1201), (1202), (1203), (1204), p. 7A

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				<b>CONNECTOR COMPOSITES - MATING VIEW SHOWN</b>																																																																																																							
<p style="text-align: center;"><b>A/C BLOWER SWITCH (1200)</b> (LOCATED AT INSTRUMENT PANEL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 3530563C1 BODY LOCK: N/A PLUG: N/A</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>A77F</td><td>14</td><td>I.T. GN</td><td>1661226C1</td></tr> <tr><td>2</td><td>A77D</td><td>14</td><td>I.T. GN</td><td>1661226C1</td></tr> <tr><td>3</td><td>A77E</td><td>14</td><td>I.T. GN</td><td>1661226C1</td></tr> <tr><td>4</td><td>A77D</td><td>14</td><td>I.T. GN</td><td>1661226C1</td></tr> <tr><td>5</td><td>A77B</td><td>14</td><td>I.T. GN</td><td>1661226C1</td></tr> <tr><td>6</td><td>A77C</td><td>14</td><td>I.T. GN</td><td>1661226C1</td></tr> <tr><td>7</td><td>A62-GG</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>8</td><td>A62K</td><td>18</td><td>DK. BL</td><td>1661224C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	A77F	14	I.T. GN	1661226C1	2	A77D	14	I.T. GN	1661226C1	3	A77E	14	I.T. GN	1661226C1	4	A77D	14	I.T. GN	1661226C1	5	A77B	14	I.T. GN	1661226C1	6	A77C	14	I.T. GN	1661226C1	7	A62-GG	18	WH	1661224C1	8	A62K	18	DK. BL	1661224C1	<p style="text-align: center;"><b>AIR CONDITIONER SWITCH (1201)</b> (LOCATED AT INSTRUMENT PANEL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 3530564C1 BODY LOCK: N/A PLUG: N/A</p> <p>% = CRIMPED TOGETHER</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>A77L</td><td>14</td><td>I.T. GN</td><td>1661226C1</td></tr> <tr><td>3%</td><td>A77B</td><td>14</td><td>I.T. GN</td><td>1661227C1</td></tr> <tr><td>3%</td><td>A77H</td><td>16</td><td>I.T. GN</td><td>1661227C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>A62-GF</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>8%</td><td>A62L</td><td>18</td><td>DK. BL</td><td>3541250C1</td></tr> <tr><td>8%</td><td>A62K</td><td>18</td><td>DK. BL</td><td>3541250C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	-	-	-	-	2	A77L	14	I.T. GN	1661226C1	3%	A77B	14	I.T. GN	1661227C1	3%	A77H	16	I.T. GN	1661227C1	4	-	-	-	-	5	-	-	-	-	6	-	-	-	-	7	A62-GF	18	WH	1661224C1	8%	A62L	18	DK. BL	3541250C1	8%	A62K	18	DK. BL	3541250C1
CAV	CIR	GAUGE	COLOR	TERM																																																																																																							
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<p style="text-align: center;"><b>A/C MODULE INTERCONNECT (1202)</b> (LOCATED AT RIGHT SIDE STEP WELL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 2005835C1 BODY LOCK: 2006503C1 PLUG: N/A</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>A</td><td>A77I</td><td>12</td><td>I.T. GN</td><td>3566715C1</td></tr> <tr><td>B</td><td>A77M</td><td>12</td><td>I.T. GN</td><td>3566715C1</td></tr> <tr><td>C</td><td>A77E</td><td>14</td><td>I.T. GN</td><td>3566715C1</td></tr> <tr><td>D</td><td>A77E</td><td>14</td><td>I.T. GN</td><td>3566715C1</td></tr> <tr><td>E</td><td>A77-GC</td><td>12</td><td>WH</td><td>3566715C1</td></tr> <tr><td>F</td><td>A77H</td><td>16</td><td>I.T. GN</td><td>1661209C1</td></tr> <tr><td>G</td><td>A77N</td><td>16</td><td>I.T. GN</td><td>1661209C1</td></tr> <tr><td>H</td><td>A77P</td><td>16</td><td>I.T. GN</td><td>1661209C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A77I	12	I.T. GN	3566715C1	B	A77M	12	I.T. GN	3566715C1	C	A77E	14	I.T. GN	3566715C1	D	A77E	14	I.T. GN	3566715C1	E	A77-GC	12	WH	3566715C1	F	A77H	16	I.T. GN	1661209C1	G	A77N	16	I.T. GN	1661209C1	H	A77P	16	I.T. GN	1661209C1	<p style="text-align: center;"><b>A/C CLUTCH RELAY (1203)</b> (LOCATED AT LEFT SIDE FLASHER PLATE)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 0593385C1 BODY LOCK: 0593387C1 PLUG: N/A</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>A77N</td><td>16</td><td>I.T. GN</td><td>1661709C1</td></tr> <tr><td>2</td><td>A77P</td><td>16</td><td>I.T. GN</td><td>1661709C1</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A77A</td><td>16</td><td>I.T. GN</td><td>1661709C1</td></tr> <tr><td>5</td><td>A77-GA</td><td>16</td><td>I.T. GN</td><td>1661709C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	A77N	16	I.T. GN	1661709C1	2	A77P	16	I.T. GN	1661709C1	3	-	-	-	-	4	A77A	16	I.T. GN	1661709C1	5	A77-GA	16	I.T. GN	1661709C1																									
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4	A77A	16	I.T. GN	1661709C1																																																																																																							
5	A77-GA	16	I.T. GN	1661709C1																																																																																																							
<p style="text-align: center;"><b>A/C BLOWER RELAY (1204)</b> (LOCATED AT LEFT SIDE FLASHER PLATE)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 0593385C1 BODY LOCK: 0593387C1 PLUG: N/A</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>A77L</td><td>12</td><td>I.T. GN</td><td>1661710C1</td></tr> <tr><td>2</td><td>A77C</td><td>14</td><td>I.T. GN</td><td>1661709C1</td></tr> <tr><td>3</td><td>A77M</td><td>14</td><td>I.T. GN</td><td>1661709C1</td></tr> <tr><td>4</td><td>A77K</td><td>12</td><td>I.T. GN</td><td>1661710C1</td></tr> <tr><td>5</td><td>A77-GB</td><td>16</td><td>WH</td><td>1661709C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	A77L	12	I.T. GN	1661710C1	2	A77C	14	I.T. GN	1661709C1	3	A77M	14	I.T. GN	1661709C1	4	A77K	12	I.T. GN	1661710C1	5	A77-GB	16	WH	1661709C1																																																																										
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1	A77L	12	I.T. GN	1661710C1																																																																																																							
2	A77C	14	I.T. GN	1661709C1																																																																																																							
3	A77M	14	I.T. GN	1661709C1																																																																																																							
4	A77K	12	I.T. GN	1661710C1																																																																																																							
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					U00JRT9	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS
					RELEASE NO.	PART NO.
					59655G	04MAR05
						AF08-54996
						07A

Figure 97 Connector Composites (1200), (1201), (1202), (1203), (1204)



## 10.8. CONNECTOR COMPOSITES (1400), (1401), (1402), (1403), (1404), (1500), (1501), (1555), P. 8





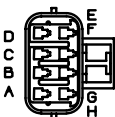
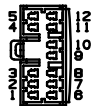


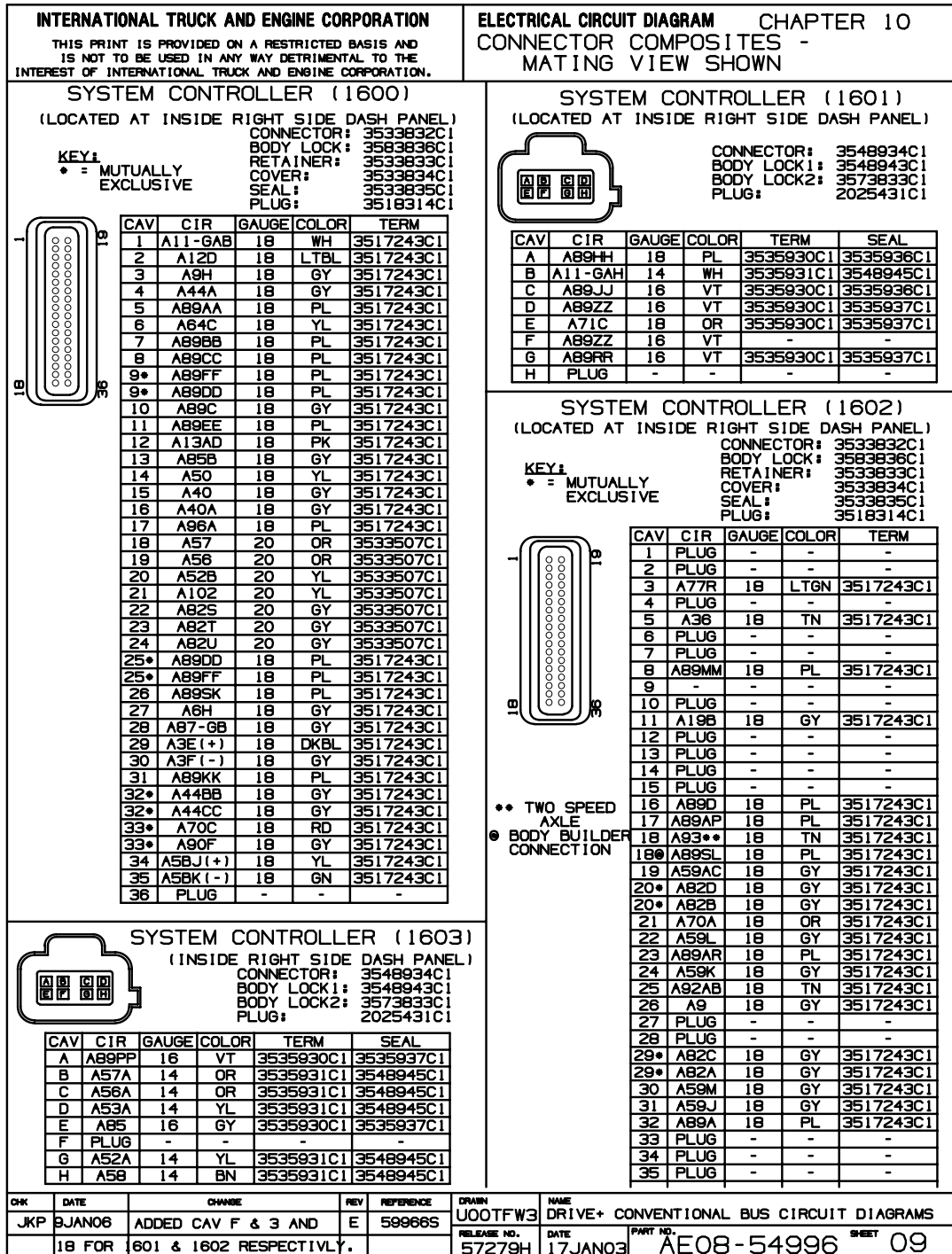
<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																																																																																										
<b>BRAKE MONITOR LEFT FRONT SENSOR (1400)</b> (LOCATED AT INSIDE MIDDLE DASH PANEL)				<b>BRAKE MONITOR RIGHT FRONT SENSOR (1401)</b> (LOCATED AT INSIDE MIDDLE DASH PANEL)																																																																																																																										
 CONNECTOR: 1667741C1 BODY LOCK: 1667771C1 PLUG: N/A				 CONNECTOR: 1667741C1 BODY LOCK: 1667771C1 PLUG: N/A																																																																																																																										
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B	A59P	18	GY	1661875C1	1661872C1																																																																																																																									
C	A59R	18	GY	1661875C1	1661872C1																																																																																																																									
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<b>BRAKE MONITOR LEFT REAR SENSOR (1402)</b> (LOCATED AT INSIDE MIDDLE DASH PANEL)				<b>BRAKE MONITOR RIGHT REAR SENSOR (1403)</b> (LOCATED AT INSIDE MIDDLE DASH PANEL)																																																																																																																										
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A	A59Y	18	GY	1661875C1	1661872C1																																																																																																																									
B	A59Z	18	GY	1661875C1	1661872C1																																																																																																																									
C	A59AA	18	GY	1661875C1	1661872C1																																																																																																																									
<b>BRAKE MONITOR MODULE POWER INPUT (1404)</b> (LOCATED AT INSIDE MIDDLE DASH PANEL)				<b>INSTRUMENT CLUSTER (1500)</b> (LOCATED AT BACK SIDE INSTRUMENT CLUSTER)																																																																																																																										
 CONNECTOR: 3525872C1 BODY LOCK: 3525873C1 PLUG: 2025431C1				 CONNECTOR: 2018590C1 BODY LOCK: N/A PLUG: N/A																																																																																																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A59B</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>A59-G</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>D</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>E</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>F</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>G</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>H</td> <td>A59C</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	A59B	18	GY	1661875C1	1661872C1	B	A59-G	18	WH	1661875C1	1661872C1	C	PLUG	-	-	-	-	D	PLUG	-	-	-	-	E	PLUG	-	-	-	-	F	PLUG	-	-	-	-	G	PLUG	-	-	-	-	H	A59C	18	GY	1661875C1	1661872C1	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A62</td> <td>18</td> <td>DK BL</td> <td>2018639C1</td> </tr> <tr> <td>2</td> <td>A62-G</td> <td>18</td> <td>WH</td> <td>2018639C1</td> </tr> <tr> <td>3</td> <td>A28</td> <td>18</td> <td>TN</td> <td>2018639C1</td> </tr> <tr> <td>4</td> <td>A5AL (+)</td> <td>18</td> <td>YL</td> <td>2018639C1</td> </tr> <tr> <td>5</td> <td>A5AM (-)</td> <td>18</td> <td>GN</td> <td>2018639C1</td> </tr> <tr> <td>6</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>7</td> <td>A28-G</td> <td>18</td> <td>WH</td> <td>2018639C1</td> </tr> <tr> <td>8</td> <td>A28A</td> <td>18</td> <td>TN</td> <td>2018639C1</td> </tr> <tr> <td>9</td> <td>A50</td> <td>18</td> <td>YL</td> <td>2018639C1</td> </tr> <tr> <td>10</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>11</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>12</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	A62	18	DK BL	2018639C1	2	A62-G	18	WH	2018639C1	3	A28	18	TN	2018639C1	4	A5AL (+)	18	YL	2018639C1	5	A5AM (-)	18	GN	2018639C1	6	-	-	-	-	7	A28-G	18	WH	2018639C1	8	A28A	18	TN	2018639C1	9	A50	18	YL	2018639C1	10	-	-	-	-	11	-	-	-	-	12	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																																									
A	A59B	18	GY	1661875C1	1661872C1																																																																																																																									
B	A59-G	18	WH	1661875C1	1661872C1																																																																																																																									
C	PLUG	-	-	-	-																																																																																																																									
D	PLUG	-	-	-	-																																																																																																																									
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<b>SHIFT CONTROL CONN (1501)</b> (LOCATED AT INSTRUMENT WING PANEL)				<b>WARNING LIGHTS (1555)</b> (LOCATED AT INSTRUMENT CLUSTER)																																																																																																																										
 CONNECTOR: 0587568C91 BODY LOCK: N/A PLUG: 0587579C1				 CONNECTOR: 2005835C1 BODY LOCK: 2008503C1 PLUG: N/A																																																																																																																										
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CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																																									
A	A62G	18	DK BL	0587576C1	1652325C1																																																																																																																									
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H	-	-	-	-																																																																																																																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																																								
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Figure 98 Connector Composites (1400), (1401), (1402), (1403), (1404), (1500), (1501), (1555)

## 10.9. CONNECTOR COMPOSITES (1600), (1601), (1602), (1603), P. 9



## 10.10. CONNECTOR COMPOSITES (1604), (1650), (1657), (1804), (1807), (1808), (1809), P. 10








<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																																																																																							
<b>SYSTEM CONTROLLER (1604)</b> (LOCATED AT INSIDE RIGHT SIDE DASH PANEL)  <div style="margin-left: 150px;">             CONNECTOR: 3548933C              BODY LOCK: 3548943C              BODY LOCK2: 3573833C              PLUG: 2025431C           </div> <div style="margin-left: 150px; margin-top: 10px;"> <b>KEY:</b>              • : MUTUALLY EXCLUSIVE           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A89YY</td><td>16</td><td>VT</td><td>3535930C</td><td>3535937C</td></tr> <tr><td>B•</td><td>A57C</td><td>14</td><td>LT GN</td><td>3535931C</td><td>3535945C</td></tr> <tr><td>B•</td><td>A57D</td><td>14</td><td>OR</td><td>3535931C</td><td>3535945C</td></tr> <tr><td>C•</td><td>A56C</td><td>14</td><td>YL</td><td>3535931C</td><td>3535945C</td></tr> <tr><td>C•</td><td>A56D</td><td>14</td><td>OR</td><td>3535931C</td><td>3535945C</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>A82</td><td>16</td><td>GY</td><td>3535930C</td><td>3535937C</td></tr> <tr><td>G</td><td>A89SS</td><td>16</td><td>VT</td><td>3535930C</td><td>3535937C</td></tr> <tr><td>H</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	A89YY	16	VT	3535930C	3535937C	B•	A57C	14	LT GN	3535931C	3535945C	B•	A57D	14	OR	3535931C	3535945C	C•	A56C	14	YL	3535931C	3535945C	C•	A56D	14	OR	3535931C	3535945C	D	PLUG	-	-	-	-	E	PLUG	-	-	-	-	F	A82	16	GY	3535930C	3535937C	G	A89SS	16	VT	3535930C	3535937C	H	PLUG	-	-	-	-	<b>DIAGNOSTICS CONNECTOR (1650)</b> (LOCATED AT INSTRUMENT WING PANEL)  <div style="margin-left: 150px;">             CONNECTOR: 3544066C              BODY LOCK: N/A              PLUG: N/A           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>A</td><td>A9B-G</td><td>16</td><td>WH</td><td>1651968C</td></tr> <tr><td>B</td><td>A9B</td><td>18</td><td>VT</td><td>1651968C</td></tr> <tr><td>C</td><td>A5AE (+)</td><td>18</td><td>YL</td><td>1651968C</td></tr> <tr><td>D</td><td>A5AF (-)</td><td>18</td><td>GN</td><td>1651968C</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>A3A (+)</td><td>18</td><td>DK BL</td><td>1651968C</td></tr> <tr><td>G</td><td>A3A (-)</td><td>18</td><td>GY</td><td>1651968C</td></tr> <tr><td>H</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>J</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A9B-G	16	WH	1651968C	B	A9B	18	VT	1651968C	C	A5AE (+)	18	YL	1651968C	D	A5AF (-)	18	GN	1651968C	E	-	-	-	-	F	A3A (+)	18	DK BL	1651968C	G	A3A (-)	18	GY	1651968C	H	-	-	-	-	J	-	-	-	-
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<b>J1939 TERMINATING RESISTOR (1657)</b> (LOCATED AT INSIDE RIGHT SIDE DASH PANEL)  <div style="margin-left: 150px;">             CONNECTOR: 1667741C              BODY LOCK: 1667771C              PLUG: 2025431C           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A5AG (+)</td><td>18</td><td>YL</td><td>1661875C</td><td>3568570C</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>A5AH (-)</td><td>18</td><td>GN</td><td>1661875C</td><td>3568570C</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	A5AG (+)	18	YL	1661875C	3568570C	B	PLUG	-	-	-	-	C	A5AH (-)	18	GN	1661875C	3568570C	<b>CLUTCH SWITCH (1807)</b> (LOCATED ABOVE ACCELERATOR PEDAL)  <div style="margin-left: 150px;">             CONNECTOR: 3540757C              BODY LOCK: 3540758C              PLUG: 2025431C           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A17C</td><td>18</td><td>PK</td><td>1667742C</td><td>1661872C</td></tr> <tr><td>B</td><td>A17A</td><td>18</td><td>PK</td><td>1667742C</td><td>1661872C</td></tr> <tr><td>C</td><td>A96A</td><td>18</td><td>PL</td><td>1667742C</td><td>3568570C</td></tr> <tr><td>D</td><td>A9VB</td><td>18</td><td>GY</td><td>1667742C</td><td>1661872C</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	A17C	18	PK	1667742C	1661872C	B	A17A	18	PK	1667742C	1661872C	C	A96A	18	PL	1667742C	3568570C	D	A9VB	18	GY	1667742C	1661872C																																																														
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<b>APS/IVS (1804)</b> (LOCATED AT ACCELERATOR PEDAL)  <div style="margin-left: 150px;">             CONNECTOR: 1687790C              BODY LOCK: N/A              PLUG: 1687788C           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>A</td><td>A99A</td><td>18</td><td>VT</td><td>1651943C</td></tr> <tr><td>B</td><td>A97B</td><td>18</td><td>VT</td><td>1651943C</td></tr> <tr><td>C</td><td>A97C</td><td>18</td><td>VT</td><td>1651943C</td></tr> <tr><td>D</td><td>A99D</td><td>18</td><td>VT</td><td>1651943C</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>A99F</td><td>18</td><td>VT</td><td>1651943C</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A99A	18	VT	1651943C	B	A97B	18	VT	1651943C	C	A97C	18	VT	1651943C	D	A99D	18	VT	1651943C	E	PLUG	-	-	-	F	A99F	18	VT	1651943C	<b>BAP SENSOR (1808)</b> (LOCATED AT INSTRUMENT RIGHT SIDE PANEL)  <div style="margin-left: 150px;">             CONNECTOR: 2016703C              BODY LOCK: 2016704C              PLUG: N/A           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>A97D</td><td>18</td><td>VT</td><td>2003343C</td></tr> <tr><td>2</td><td>A97F</td><td>18</td><td>VT</td><td>2003343C</td></tr> <tr><td>3</td><td>A97J</td><td>18</td><td>VT</td><td>2003343C</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	A97D	18	VT	2003343C	2	A97F	18	VT	2003343C	3	A97J	18	VT	2003343C																																																													
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<b>CLOCK SPRING (1809)</b> (LOCATED IN STEERING COLUMN)  <div style="margin-left: 150px;">             CONNECTOR: 3547870C              BODY LOCK: 3515764C              PLUG: N/A           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>A</td><td>A9HA</td><td>18</td><td>GY</td><td>1661261C</td></tr> <tr><td>B</td><td>A89C</td><td>18</td><td>GY</td><td>1661261C</td></tr> <tr><td>C</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D</td><td>A85B</td><td>18</td><td>GY</td><td>1661261C</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A9HA	18	GY	1661261C	B	A89C	18	GY	1661261C	C	-	-	-	-	D	A85B	18	GY	1661261C																																																																																															
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Figure 100 Connector Composites (1604), (1650), (1657), (1804), (1807), (1808), (1809)

# 10.11. CONNECTOR COMPOSITES (1810), (1811), (1812), (1823), (1824), (1828), (1829), (1830), P. 11

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<p style="text-align: center;"><b>TURN SIGNAL SWITCH (1810)</b> (LOCATED AT STEERING COLUMN)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 3539212C1 BODY LOCK: N/A PLUG: N/A</p> <table border="1" style="font-size: 8px; width: 100%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>1</td><td>A56</td><td>20</td><td>OR</td><td>3539213C1</td></tr> <tr><td>2</td><td>A57</td><td>20</td><td>OR</td><td>3539213C1</td></tr> <tr><td>3</td><td>A52B</td><td>20</td><td>YL</td><td>3539213C1</td></tr> <tr><td>4</td><td>A102</td><td>20</td><td>YL</td><td>3539213C1</td></tr> <tr><td>5</td><td>A82U</td><td>20</td><td>GY</td><td>3539213C1</td></tr> <tr><td>6</td><td>A87-GA</td><td>18</td><td>WH</td><td>3571717C1</td></tr> <tr><td>7</td><td>A9S</td><td>18</td><td>GY</td><td>3571717C1</td></tr> <tr><td>8</td><td>A82S</td><td>20</td><td>GY</td><td>3539213C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>11</td><td>A82T</td><td>20</td><td>GY</td><td>3539213C1</td></tr> <tr><td>12</td><td>A87-GC</td><td>18</td><td>GY</td><td>3571717C1</td></tr> </tbody> </table> </div> </div>				CAV	CIR	GAUGE	COLOR	TERM	1	A56	20	OR	3539213C1	2	A57	20	OR	3539213C1	3	A52B	20	YL	3539213C1	4	A102	20	YL	3539213C1	5	A82U	20	GY	3539213C1	6	A87-GA	18	WH	3571717C1	7	A9S	18	GY	3571717C1	8	A82S	20	GY	3539213C1	9	-	-	-	-	10	-	-	-	-	11	A82T	20	GY	3539213C1	12	A87-GC	18	GY	3571717C1	<p style="text-align: center;"><b>PRIMARY AIR PRESSURE SENSOR (1811)</b> (LOCATED NEAR BRAKE PEDAL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 1678137C1 BODY LOCK: N/A PLUG: N/A</p> <table border="1" style="font-size: 8px; width: 100%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A</td><td>A9VC</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>B</td><td>A6HB</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>C</td><td>A40</td><td>18</td><td>GY</td><td>1651943C1</td></tr> </tbody> </table> </div> </div>				CAV	CIR	GAUGE	COLOR	TERM	A	A9VC	18	GY	1651943C1	B	A6HB	18	GY	1651943C1	C	A40	18	GY	1651943C1								
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<p style="text-align: center;"><b>AIR BRAKE STOP LIGHT #1 SWITCH (1823)</b> (LOCATED NEAR BRAKE PEDAL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 1661777C1 BODY LOCK: 1661873C1 PLUG: 2025431C1</p> <table border="1" style="font-size: 8px; width: 100%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>C</td><td>A70CA</td><td>18</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>A9VG</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> </div> </div>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	C	A70CA	18	OR	1661875C1	1661872C1	D	A9VG	18	GY	1661875C1	1661872C1	<p style="text-align: center;"><b>SECONDARY AIR PRESSURE SENSOR (1812)</b> (LOCATED NEAR BRAKE PEDAL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 1678137C1 BODY LOCK: N/A PLUG: N/A</p> <table border="1" style="font-size: 8px; width: 100%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A</td><td>A9VE</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>B</td><td>A6HA</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>C</td><td>A40A</td><td>18</td><td>GY</td><td>1651943C1</td></tr> </tbody> </table> </div> </div>				CAV	CIR	GAUGE	COLOR	TERM	A	A9VE	18	GY	1651943C1	B	A6HA	18	GY	1651943C1	C	A40A	18	GY	1651943C1																																																							
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<p style="text-align: center;"><b>LCT SHIFT CONTROL (1828)</b> (LOCATED AT INSTRUMENT WING PANEL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 1661196C1 BODY LOCK: N/A PLUG: N/A</p> <table border="1" style="font-size: 8px; width: 100%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A</td><td>A92AB</td><td>18</td><td>TN</td><td>1661208C1</td></tr> <tr><td>B</td><td>A92</td><td>18</td><td>TN</td><td>1661208C1</td></tr> </tbody> </table> </div> </div>				CAV	CIR	GAUGE	COLOR	TERM	A	A92AB	18	TN	1661208C1	B	A92	18	TN	1661208C1	<p style="text-align: center;"><b>LCT XMSN PARK SWITCH/PANEL LIGHT (1830)</b> (LOCATED AT INSTRUMENT WING PANEL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 0587571C91</p> <table border="1" style="font-size: 8px; width: 100%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A</td><td>A62H</td><td>18</td><td>DK BL</td><td>0587578C1</td></tr> <tr><td>B</td><td>A62-GE</td><td>18</td><td>WH</td><td>0587578C1</td></tr> <tr><td>C</td><td>A92E</td><td>16</td><td>TN</td><td>0587578C1</td></tr> <tr><td>D</td><td>A92F</td><td>16</td><td>TN</td><td>0587578C1</td></tr> </tbody> </table> </div> </div>				CAV	CIR	GAUGE	COLOR	TERM	A	A62H	18	DK BL	0587578C1	B	A62-GE	18	WH	0587578C1	C	A92E	16	TN	0587578C1	D	A92F	16	TN	0587578C1																																																					
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Figure 101 Connector Composites (1810), (1811), (1812), (1823), (1824), (1828), (1829), (1830)

## 10.12. CONNECTOR COMPOSITES (4003), (4005), (4006), (4009), (4010), (4011), P. 12

<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																																																					
<p style="text-align: center;"><b>FUEL HEATER RELAY (4005)</b> (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: left;"> <p>CONNECTOR: 3512331C91 BODY LOCK: 3515185C1 PLUG: 0587579C1</p> <p><b>KEY:</b> * = I-6 ONLY ● = V-8 ONLY</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>1</td><td>K19K</td><td>14</td><td>GY</td><td>3535486C1</td><td>0589390C1</td></tr> <tr><td>2</td><td>K19-GA</td><td>16</td><td>WH</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4*</td><td>K19E</td><td>14</td><td>GY</td><td>3535486C1</td><td>0589390C1</td></tr> <tr><td>4●</td><td>K19E</td><td>16</td><td>GY</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>5</td><td>K19H</td><td>16</td><td>GY</td><td>2039343C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	K19K	14	GY	3535486C1	0589390C1	2	K19-GA	16	WH	2039343C1	1652325C1	3	PLUG	-	-	-	-	4*	K19E	14	GY	3535486C1	0589390C1	4●	K19E	16	GY	2039343C1	1652325C1	5	K19H	16	GY	2039343C1	1652325C1	<p style="text-align: center;"><b>STARTER ISO &amp; POWER RELAY (4003)</b> (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: left;"> <p>CONNECTOR: 3512331C91 BODY LOCK: 3515185C1 PLUG: 0587579C1</p> <p><b>KEY:</b> * = MUTUALLY EXCLUSIVE</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>1</td><td>K17D</td><td>10</td><td>PK</td><td>3512334C1</td><td>0589390C1</td></tr> <tr><td>2</td><td>K17B</td><td>18</td><td>PK</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>K17F</td><td>10</td><td>RD</td><td>3512334C1</td><td>0589390C1</td></tr> <tr><td>5*</td><td>K17K</td><td>18</td><td>PK</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>5*</td><td>K17S</td><td>18</td><td>PK</td><td>2039343C1</td><td>1652325C1</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	K17D	10	PK	3512334C1	0589390C1	2	K17B	18	PK	2039343C1	1652325C1	3	PLUG	-	-	-	-	4	K17F	10	RD	3512334C1	0589390C1	5*	K17K	18	PK	2039343C1	1652325C1	5*	K17S	18	PK	2039343C1	1652325C1
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Figure 102 Connector Composites (4003), (4005), (4006), (4009), (4010), (4011)

## 10.13. CONNECTOR COMPOSITE (4013M), P. 13



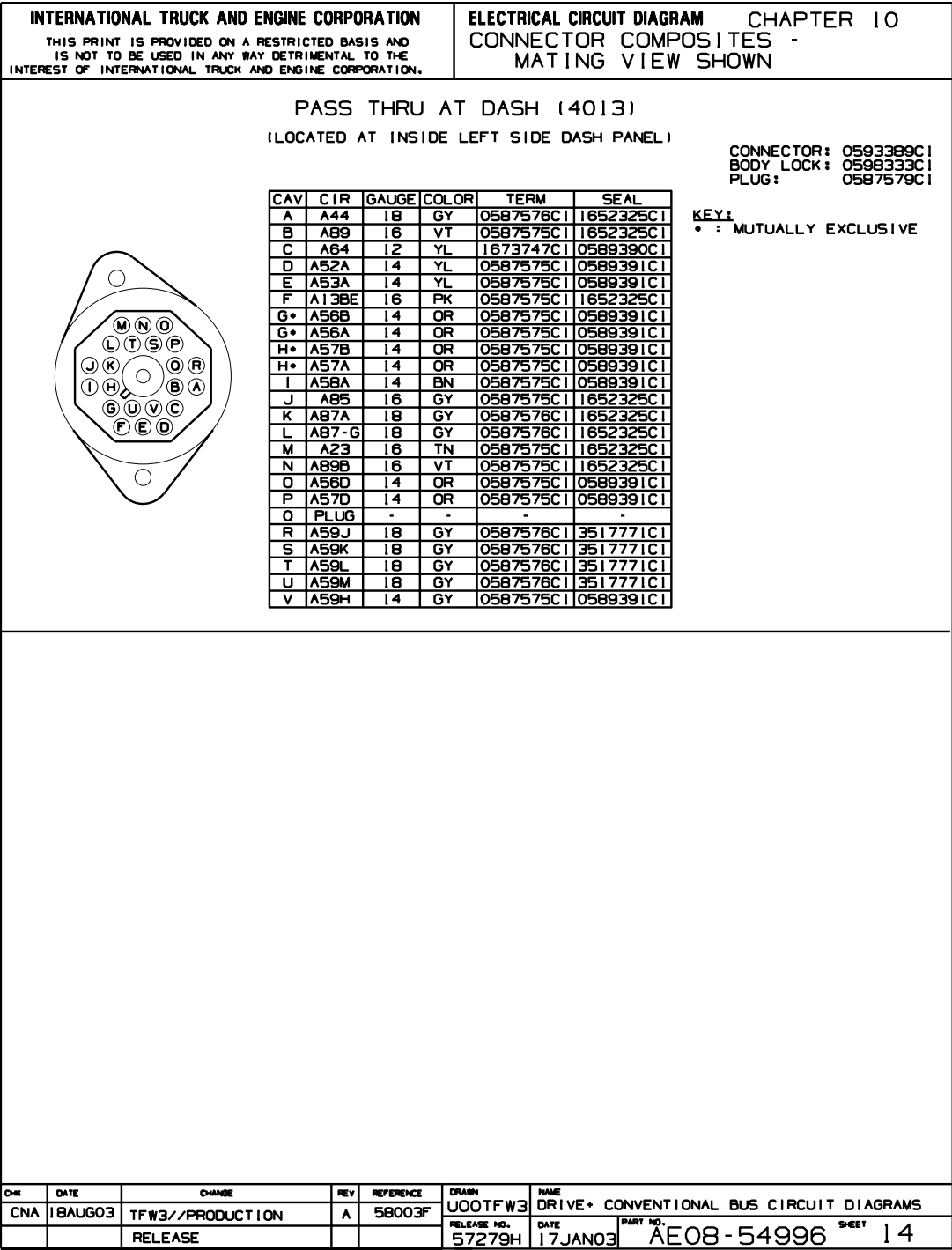
<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM</b> CHAPTER 10 <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																																																																																																																																																											
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P	PLUG	-	-	-	-																																																																																																																																																																																										
Q	PLUG	-	-	-	-																																																																																																																																																																																										
R	K59J	18	GY	0587578C1	1652325C1																																																																																																																																																																																										
S	K59K	18	GY	0587578C1	1652325C1																																																																																																																																																																																										
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Figure 103 Connector Composite (4013M)

10.14. CONNECTOR COMPOSITE (4013), P. 14



CHK	DATE	CHANGE	REV	REFERENCE	ORIGIN	NAME
CNA	18AUG03	TFW3//PRODUCTION	A	58003F	U00TFW3	DRIVE• CONVENTIONAL BUS CIRCUIT DIAGRAMS
		RELEASE			RELEASE NO. 57279H	DATE 17JAN03
					PART NO. AE08-54996	SHEET 14

Figure 104 Connector Composite (4013)



## 10.15. CONNECTOR COMPOSITE (4014), P. 15

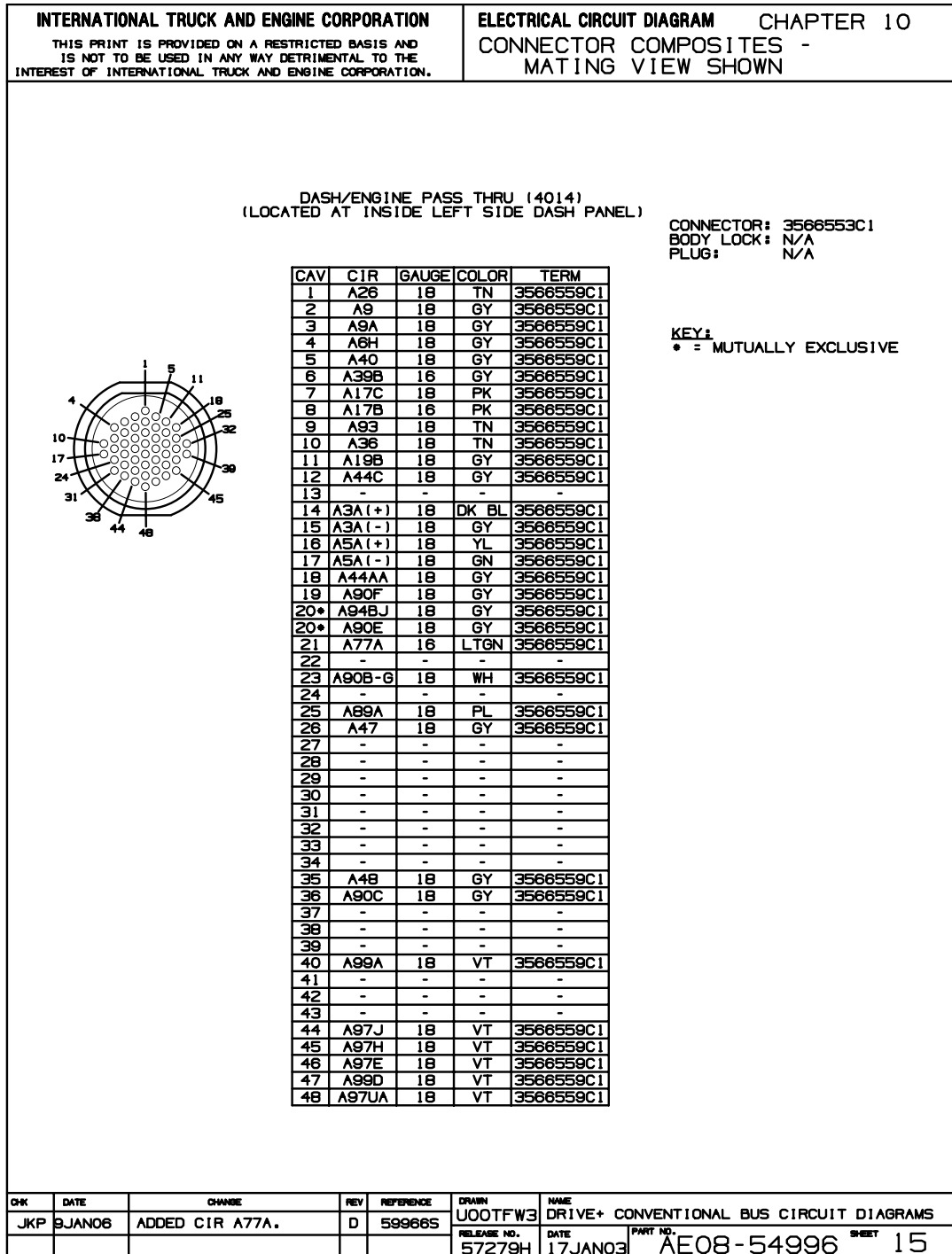


Figure 105 Connector Composite (4014)

## 10.16. CONNECTOR COMPOSITE (4014M), P. 16

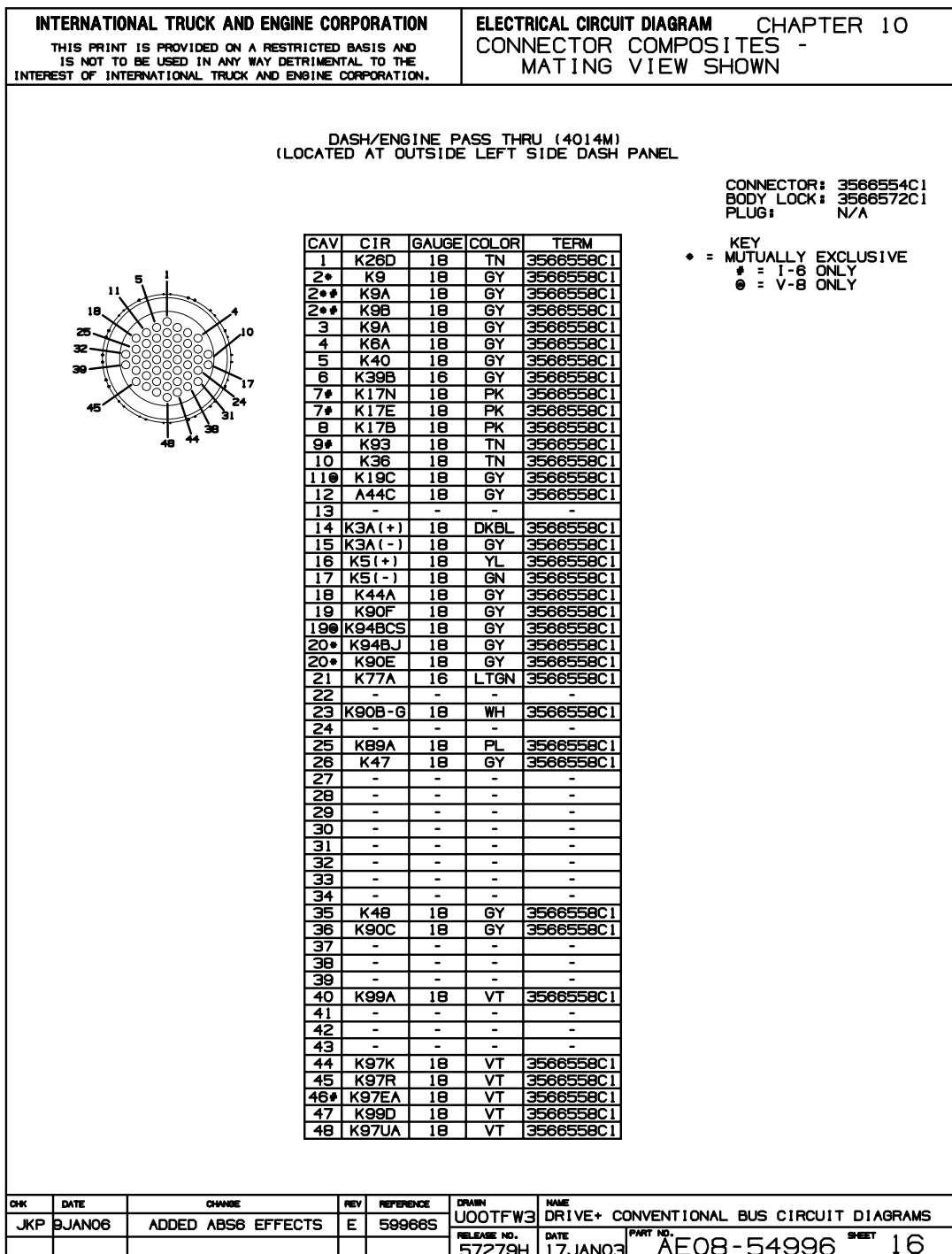


Figure 106 Connector Composite (4014M)

# 10.17. CONNECTOR COMPOSITES (4016), (4017), (4018), (4019), (4020), (4034), (4036), P. 17

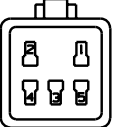





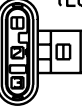
<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>					<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																												
<b>AIR DRYER/DRAIN VALVE RELAY (4016)</b> (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)  <div style="float: right; text-align: right;">             CONNECTOR: 3512331C9I              BODY LOCK: 3515185C1              PLUG: 0587579C1           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>K39</td><td>14</td><td>GY</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>2</td><td>K39-G</td><td>16</td><td>WH</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>K39A</td><td>16</td><td>GY</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>5</td><td>K39K</td><td>16</td><td>GY</td><td>2039343C1</td><td>1652325C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	K39	14	GY	3535486C1	0589391C1	2	K39-G	16	WH	2039343C1	1652325C1	3	PLUG	-	-	-	-	4	K39A	16	GY	2039343C1	1652325C1	5	K39K	16	GY	2039343C1	1652325C1	<b>AIR DRYER/DRAIN VALVE FUSE (4017)</b> (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)  <div style="float: right; text-align: right;">             CONNECTOR: 1667639C1              BODY LOCK: N/A              PLUG: 1675451C1           </div> <div style="clear: both;"></div> <p><b>KEY:</b>            # : 1-6 ENGINE ONLY            @ : V-8 ENGINE ONLY</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A#</td><td>K14L</td><td>14</td><td>RD</td><td>1661707C1</td></tr> <tr><td>A@</td><td>K14L</td><td>12</td><td>RD</td><td>1661708C1</td></tr> <tr><td>B</td><td>K39</td><td>14</td><td>GY</td><td>1661707C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERM	A#	K14L	14	RD	1661707C1	A@	K14L	12	RD	1661708C1	B	K39	14	GY	1661707C1
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B	K39	14	GY	1661707C1																																																													
<b>IDM LOGIC FUSE (4018)</b> (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)  <div style="float: right; text-align: right;">             CONNECTOR: 1667639C1              BODY LOCK: N/A              PLUG: 1675451C1           </div> <div style="clear: both;"></div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A</td><td>K97LC</td><td>14</td><td>VT</td><td>1661707C1</td></tr> <tr><td>B</td><td>K97LD</td><td>14</td><td>VT</td><td>1661707C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERM	A	K97LC	14	VT	1661707C1	B	K97LD	14	VT	1661707C1	<b>ECM POWER FUSE (4019)</b> (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)  <div style="float: right; text-align: right;">             CONNECTOR: 1667639C1              BODY LOCK: N/A              PLUG: 1675451C1           </div> <div style="clear: both;"></div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A</td><td>K97H</td><td>14</td><td>VT</td><td>1661707C1</td></tr> <tr><td>B</td><td>K97HD</td><td>14</td><td>VT</td><td>1661707C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERM	A	K97H	14	VT	1661707C1	B	K97HD	14	VT	1661707C1																										
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<b>EGR POWER FUSE (4020)</b> (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)  <div style="float: right; text-align: right;">             CONNECTOR: 1667639C1              BODY LOCK: N/A              PLUG: 1675451C1           </div> <div style="clear: both;"></div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A</td><td>K97HE</td><td>14</td><td>VT</td><td>1661707C1</td></tr> <tr><td>B</td><td>K97AY</td><td>14</td><td>VT</td><td>1661707C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERM	A	K97HE	14	VT	1661707C1	B	K97AY	14	VT	1661707C1	<b>HYD FLUID LEVEL SWITCH (4034)</b> (LOCATED AT HYDRAULIC MASTER CYLINDER)  <div style="float: right; text-align: right;">             CONNECTOR: 2036583C1              BODY LOCK: N/A              PLUG: N/A           </div> <div style="clear: both;"></div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A</td><td>K90-GA</td><td>18</td><td>WH</td><td>2036586C1</td></tr> <tr><td>B</td><td>K90H</td><td>18</td><td>GY</td><td>2036586C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERM	A	K90-GA	18	WH	2036586C1	B	K90H	18	GY	2036586C1																										
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B	K90H	18	GY	2036586C1																																																													
<b>HYDRAULIC BRAKE SWITCH (4036)</b> (LOCATED AT HYDRAULIC MASTER CYLINDER)  <div style="float: right; text-align: right;">             CONNECTOR: 3522187C1              BODY LOCK: N/A              PLUG: 3522197C1           </div> <div style="clear: both;"></div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>K90B</td><td>18</td><td>GY</td><td>3522190C1</td><td>3522193C1</td></tr> <tr><td>2</td><td>K90C</td><td>18</td><td>GY</td><td>3522190C1</td><td>3522193C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	K90B	18	GY	3522190C1	3522193C1	2	K90C	18	GY	3522190C1	3522193C1	3	PLUG	-	-	-	-																																					
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2	K90C	18	GY	3522190C1	3522193C1																																																												
3	PLUG	-	-	-	-																																																												
<b>CHK</b>	<b>DATE</b>	<b>CHANGE</b>	<b>REV</b>	<b>REFERENCE</b>	<b>DRAWN</b>	<b>NAME</b>	<b>DATE</b>	<b>PART NO.</b>	<b>SHEET</b>																																																								
CNA	7JAN04	MBC3/ADDED 4020, K97H	C	59005Y	UO0TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS	57279H	17JAN03	AE08-54996																																																								
		WAS K97HB; K97HD WAS K97PA.							17																																																								

Figure 107 Connector Composites (4016), (4017), (4018), (4019), (4020), (4034), (4036)

## 10.18. CONNECTOR COMPOSITES (4039), (4040), (4041), (4046), (4087), P. 18

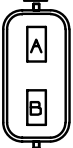

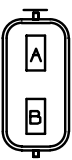

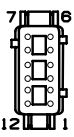
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																																																						
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<b>FULL POWER BRAKE FUSE (4039)</b> (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)  <div style="float: right; text-align: right;">             CONNECTOR: 3525613C1              BODY LOCK: N/A              PLUG: N/A              COVER: 3515524C1           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K14E</td> <td>10</td> <td>RD</td> <td>3515526C1</td> <td>3515525C1</td> </tr> <tr> <td>B</td> <td>K90-A</td> <td>10</td> <td>GY</td> <td>3515526C1</td> <td>3515525C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K14E	10	RD	3515526C1	3515525C1	B	K90-A	10	GY	3515526C1	3515525C1	<b>HYDRAULIC BRAKE VALVE FUSE (4040)</b> (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)  <div style="float: right; text-align: right;">             CONNECTOR: 3512967C1              BODY LOCK: N/A              PLUG: 0453133C1           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K14F</td> <td>10</td> <td>RD</td> <td>1661708C1</td> </tr> <tr> <td>B</td> <td>K94LA</td> <td>10</td> <td>GY</td> <td>1661708C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	K14F	10	RD	1661708C1	B	K94LA	10	GY	1661708C1																																																																																																																		
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<b>ABS MAXI FUSE (4041)</b> (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)  <div style="float: right; text-align: right;">             CONNECTOR: 3525613C1              BODY LOCK: N/A              PLUG: N/A              COVER: 3515524C1           </div> <p style="margin-top: 10px;"><b>KEY:</b> • = MUTUALLY EXCLUSIVE</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> <th>NOTES</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>K14J</td> <td>10</td> <td>RD</td> <td>3515526C1</td> <td>3515525C1</td> <td>W/AIR ABS</td> </tr> <tr> <td>A*</td> <td>K14H</td> <td>10</td> <td>RD</td> <td>3515526C1</td> <td>3515525C1</td> <td>W/HYD BRK.</td> </tr> <tr> <td>B*</td> <td>K90AA</td> <td>10</td> <td>GY</td> <td>3515526C1</td> <td>3515525C1</td> <td>W/HYD BRK.</td> </tr> <tr> <td>B*</td> <td>K94BK</td> <td>10</td> <td>GY</td> <td>3515526C1</td> <td>3515525C1</td> <td>W/AIR N/ABS6</td> </tr> <tr> <td>B*</td> <td>K94BP</td> <td>12</td> <td>GY</td> <td>3614762C1</td> <td>3541256C1</td> <td>W/AIR ABS6</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES	A*	K14J	10	RD	3515526C1	3515525C1	W/AIR ABS	A*	K14H	10	RD	3515526C1	3515525C1	W/HYD BRK.	B*	K90AA	10	GY	3515526C1	3515525C1	W/HYD BRK.	B*	K94BK	10	GY	3515526C1	3515525C1	W/AIR N/ABS6	B*	K94BP	12	GY	3614762C1	3541256C1	W/AIR ABS6	<b>WIPER MOTOR (4046)</b> (LOCATED INSIDE RIGHT SIDE TOP SIDE COWL)  <div style="float: right; text-align: right;">             CONNECTOR: 3586997C1              BODY LOCK: 3586992C1              PLUG: 3586993C1           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>GND</td> <td>AB2-GA</td> <td>16</td> <td>WH</td> <td>3586990C1</td> <td>3586991C1</td> </tr> <tr> <td>HI</td> <td>AB2K</td> <td>16</td> <td>GY</td> <td>3586990C1</td> <td>3586991C1</td> </tr> <tr> <td>LO</td> <td>AB2N</td> <td>16</td> <td>GY</td> <td>3586990C1</td> <td>3586991C1</td> </tr> <tr> <td>PF</td> <td>AB2DA</td> <td>16</td> <td>GY</td> <td>3586990C1</td> <td>3586991C1</td> </tr> <tr> <td>PR</td> <td>AB2H</td> <td>16</td> <td>GY</td> <td>3586990C1</td> <td>3586991C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	GND	AB2-GA	16	WH	3586990C1	3586991C1	HI	AB2K	16	GY	3586990C1	3586991C1	LO	AB2N	16	GY	3586990C1	3586991C1	PF	AB2DA	16	GY	3586990C1	3586991C1	PR	AB2H	16	GY	3586990C1	3586991C1	<b>PYROMETER/AMMETER MODULE (4087)</b> (LOCATED OUTSIDE RIGHT SIDE DASH PANEL)  <div style="float: right; text-align: right;">             CONNECTOR: 3553404C1              BODY LOCK: 3553460C1              PLUG: 3527276C1           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>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>K26D</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>7</td><td>K5B(+)</td><td>18</td><td>YL</td><td>3518963C1</td></tr> <tr><td>8</td><td>K5B(-)</td><td>18</td><td>GN</td><td>3518963C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>K26B</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>11</td><td>K26A</td><td>18</td><td>TN</td><td>3518963C1</td></tr> <tr><td>12</td><td>K19-GP</td><td>18</td><td>WH</td><td>3518963C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	PLUG	-	-	-	2	PLUG	-	-	-	3	PLUG	-	-	-	4	PLUG	-	-	-	5	PLUG	-	-	-	6	K26D	18	TN	3518963C1	7	K5B(+)	18	YL	3518963C1	8	K5B(-)	18	GN	3518963C1	9	PLUG	-	-	-	10	K26B	18	TN	3518963C1	11	K26A	18	TN	3518963C1	12	K19-GP	18	WH	3518963C1
CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES																																																																																																																																																				
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3	PLUG	-	-	-																																																																																																																																																						
4	PLUG	-	-	-																																																																																																																																																						
5	PLUG	-	-	-																																																																																																																																																						
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>JKP</td> <td>9JAN06</td> <td>ADDED ABS6 EFFECTS</td> <td>B</td> <td>59966S</td> <td>U00TFW3</td> <td>DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS</td> </tr> </tbody> </table>				CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	JKP	9JAN06	ADDED ABS6 EFFECTS	B	59966S	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>RELEASE NO.</th> <th>DATE</th> <th>PART NO.</th> <th>SHEET</th> </tr> </thead> <tbody> <tr> <td>57279H</td> <td>17JAN03</td> <td>AE08-54996</td> <td>18</td> </tr> </tbody> </table>				RELEASE NO.	DATE	PART NO.	SHEET	57279H	17JAN03	AE08-54996	18																																																																																																																													
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Figure 108 Connector Composites (4039), (4040), (4041), (4046), (4087)

## 10.19. CONNECTOR COMPOSITES (4301), (4302), (4303), (4500), P. 19

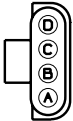



<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				<b>ELECTRICAL CIRCUIT DIAGRAM</b> CHAPTER 10 <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																			
<b>CROSSING GATE ASSY W/ MOTOR (4301)</b> (LOCATED AT RIGHT SIDE NEAR FRONT BUMPER)   <div style="float: right; text-align: right;">           CONNECTOR: 0587572C9I            BODY LOCK: N/A            PLUG: 0587579C1         </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N89</td> <td>16</td> <td>VT</td> <td>0587575C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N89-G</td> <td>16</td> <td>WH</td> <td>0587575C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N89A</td> <td>16</td> <td>VT</td> <td>0587575C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>N89B</td> <td>16</td> <td>VT</td> <td>0587575C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N89	16	VT	0587575C1	1652325C1	B	N89-G	16	WH	0587575C1	1652325C1	C	N89A	16	VT	0587575C1	1652325C1	D	N89B	16	VT	0587575C1	1652325C1	<b>LEFT FOG LIGHT (4302)</b> (LOCATED AT LEFT SIDE NEAR FRONT BUMPER)   <div style="float: right; text-align: right;">           CONNECTOR: 0587567C9I            BODY LOCK: N/A            PLUG: 0587579C1         </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N64A</td> <td>14</td> <td>YL</td> <td>0587577C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>N64A-G</td> <td>14</td> <td>WH</td> <td>0587577C1</td> <td>0589391C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N64A	14	YL	0587577C1	0589391C1	B	N64A-G	14	WH	0587577C1	0589391C1
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																		
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D	N89B	16	VT	0587575C1	1652325C1																																																		
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B	N64A-G	14	WH	0587577C1	0589391C1																																																		
<b>RIGHT FOG LIGHT (4303)</b> (LOCATED AT RIGHT SIDE NEAR FRONT BUMPER)   <div style="float: right; text-align: right;">           CONNECTOR: 0587567C9I            BODY LOCK: N/A            PLUG: 0587579C1         </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N64B</td> <td>14</td> <td>YL</td> <td>0587577C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>N64B-G</td> <td>14</td> <td>WH</td> <td>0587577C1</td> <td>0589391C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N64B	14	YL	0587577C1	0589391C1	B	N64B-G	14	WH	0587577C1	0589391C1																																		
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B	N64B-G	14	WH	0587577C1	0589391C1																																																		
<b>WINDSHIELD WASHER PUMP (4500)</b> (LOCATED AT ENGINE COMPARTMENT)   <div style="float: right; text-align: right;">           CONNECTOR: 3522068C1            BODY LOCK: 1661874C1            PLUG: 2025431C1         </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N87-G</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>N87A</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N87-G	18	GY	1661875C1	3568570C1	B	N87A	18	GY	1661875C1	3568570C1																																		
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CHK DATE CHANGE REV REFERENCE		DRAWN NAME		RELEASE NO. DATE PART NO. SHEET																																																			
CNA 18AUG03 TFW3//PRODUCTION A 58003F		UOOTFW3 DRIVE- CONVENTIONAL BUS CIRCUIT DIAGRAMS		57279H 17JAN03 AE08-54996 19																																																			

Figure 109 Connector Composites (4301), (4302), (4303), (4500)

## 10.20. CONNECTOR COMPOSITE (4705), P. 20

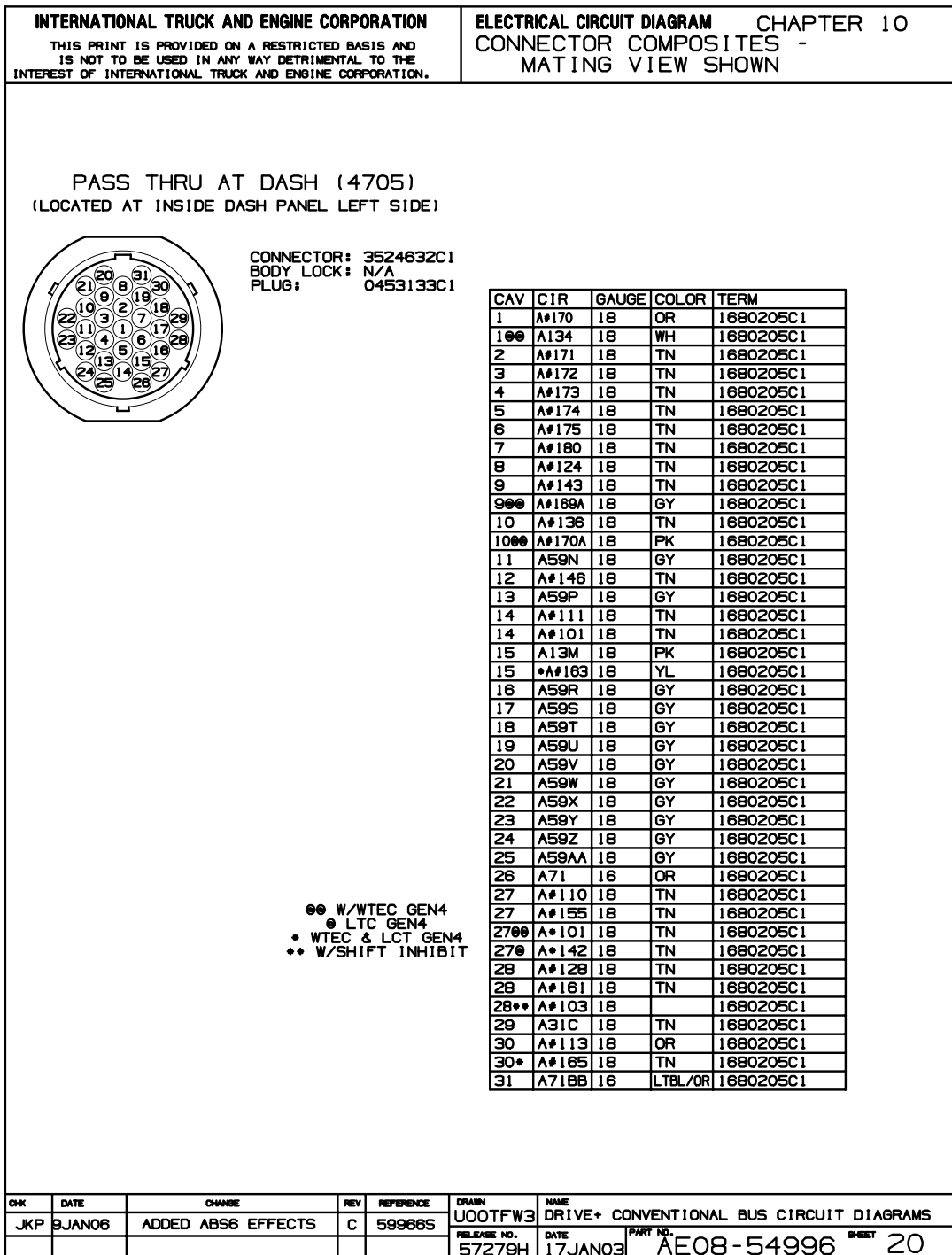


Figure 110 Connector Composite (4705)

## 10.21. CONNECTOR COMPOSITES (4705M), (4905), (6011), P. 21

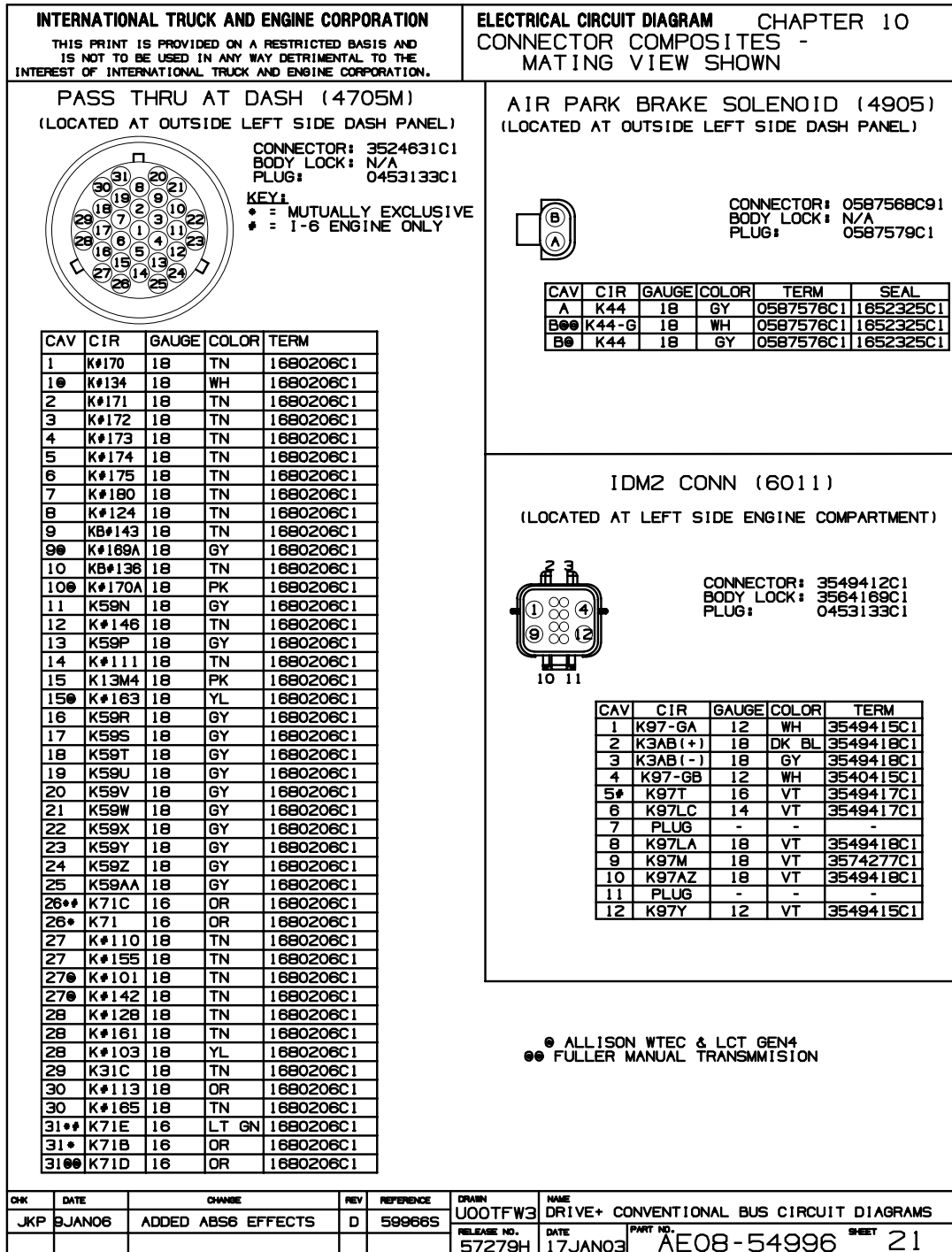


Figure 111 Connector Composites (4705M), (4905), (6011)



## 10.22. CONNECTOR COMPOSITES (6020), (6021), P. 22

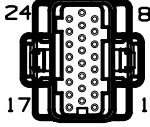
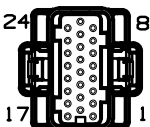
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																																																									
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<p>ECM2 CONN - X3 (6020) (LOCATED AT ENGINE COMPARTMENT AT ECM)</p> <div style="display: flex; align-items: center; margin-top: 20px;">  <div> <p>CONNECTOR: 3562311C1 BODY LOCK: N/A PLUG: 3562316C1</p> </div> </div> <p style="margin-top: 10px;">• = MUTUALLY EXCLUSIVE * = I-6 ENGINE ONLY</p> <p style="margin-top: 10px;">⊙ ALLISON GEN IV</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>K97C</td><td>18</td><td>VT</td><td>3562314C1</td></tr> <tr><td>4</td><td>K34A</td><td>18</td><td>TN</td><td>3562314C1</td></tr> <tr><td>5</td><td>K97J</td><td>18</td><td>VT</td><td>3562314C1</td></tr> <tr><td>6</td><td>K97-6V</td><td>16</td><td>WH</td><td>3562315C1</td></tr> <tr><td>7</td><td>K97-6W</td><td>16</td><td>WH</td><td>3562315C1</td></tr> <tr><td>8*</td><td>K17E</td><td>16</td><td>PK</td><td>3562315C1</td></tr> <tr><td>8*</td><td>K#123</td><td>18</td><td>TN</td><td>3562314C1</td></tr> <tr><td>8*</td><td>K#141</td><td>18</td><td>TN</td><td>3562314C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>11</td><td>K48</td><td>18</td><td>GY</td><td>3562314C1</td></tr> <tr><td>12*</td><td>K5AA(+)</td><td>18</td><td>YL</td><td>3562314C1</td></tr> <tr><td>12*</td><td>K5(+)</td><td>18</td><td>YL</td><td>3562314C1</td></tr> <tr><td>13*</td><td>K5AA(-)</td><td>18</td><td>GN</td><td>3562314C1</td></tr> <tr><td>13*</td><td>K5(-)</td><td>18</td><td>GN</td><td>3562314C1</td></tr> <tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>15</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>16</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>17</td><td>K47</td><td>18</td><td>GY</td><td>3562314C1</td></tr> <tr><td>18</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>19</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>20</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>21</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>22</td><td>K23-6A</td><td>16</td><td>WH</td><td>3562315C1</td></tr> <tr><td>23*</td><td>K17S</td><td>18</td><td>PK</td><td>3562314C1</td></tr> <tr><td>23*</td><td>K17L</td><td>18</td><td>PK</td><td>3562314C1</td></tr> <tr><td>24</td><td>K97K</td><td>18</td><td>VT</td><td>3562314C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	PLUG	-	-	-	2	PLUG	-	-	-	3	K97C	18	VT	3562314C1	4	K34A	18	TN	3562314C1	5	K97J	18	VT	3562314C1	6	K97-6V	16	WH	3562315C1	7	K97-6W	16	WH	3562315C1	8*	K17E	16	PK	3562315C1	8*	K#123	18	TN	3562314C1	8*	K#141	18	TN	3562314C1	9	PLUG	-	-	-	10	PLUG	-	-	-	11	K48	18	GY	3562314C1	12*	K5AA(+)	18	YL	3562314C1	12*	K5(+)	18	YL	3562314C1	13*	K5AA(-)	18	GN	3562314C1	13*	K5(-)	18	GN	3562314C1	14	PLUG	-	-	-	15	PLUG	-	-	-	16	PLUG	-	-	-	17	K47	18	GY	3562314C1	18	PLUG	-	-	-	19	PLUG	-	-	-	20	PLUG	-	-	-	21	PLUG	-	-	-	22	K23-6A	16	WH	3562315C1	23*	K17S	18	PK	3562314C1	23*	K17L	18	PK	3562314C1	24	K97K	18	VT	3562314C1
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Figure 112 Connector Composites (6020), (6021)

### 10.23. CONNECTOR COMPOSITES (6316), (6323F), (6323M), (6332F), (6332M), (6333M), (6350), P. 23







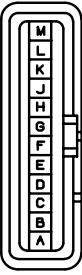
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<b>THERMAL OVERCRANK PROTECTION (6316)</b> (LOCATED AT STARTER)  CONNECTOR: 2036583C1 BODY LOCK: N/A PLUG: N/A <table border="1" style="width: 100%; margin-top: 10px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>A</td><td>K17L</td><td>18</td><td>PK</td><td>2036586C1</td></tr> <tr><td>B</td><td>K17K</td><td>18</td><td>PK</td><td>2036586C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	K17L	18	PK	2036586C1	B	K17K	18	PK	2036586C1	<b>ECM2 CLEAN POWER &amp; GROUND (6323F)</b> (LOCATED AT STARTER)  CONNECTOR: 1667733C1 BODY LOCK: 1667734C1 PLUG: 1675451C1 <table border="1" style="width: 100%; margin-top: 10px;"> <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>K97TD</td><td>10</td><td>VT</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>B</td><td>K97-G</td><td>10</td><td>WH</td><td>1667737C1</td><td>1667735C1</td></tr> <tr><td>C</td><td>K97</td><td>10</td><td>VT</td><td>1667737C1</td><td>1667735C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K97TD	10	VT	1667737C1	1667735C1	B	K97-G	10	WH	1667737C1	1667735C1	C	K97	10	VT	1667737C1	1667735C1																																							
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<b>ECM2 CLEAN POWER &amp; GROUND (6323M)</b> (LOCATED NEAR BATTERY CABLES)  CONNECTOR: 1667732C1 BODY LOCK: 1667734C1 PLUG: 1675451C1 <table border="1" style="width: 100%; margin-top: 10px;"> <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>N97AA</td><td>10</td><td>RD</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>B</td><td>N97-G</td><td>10</td><td>WH</td><td>2025425C1</td><td>1667735C1</td></tr> <tr><td>C</td><td>N92AA</td><td>10</td><td>RD</td><td>2025425C1</td><td>1667735C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N97AA	10	RD	2025425C1	1667735C1	B	N97-G	10	WH	2025425C1	1667735C1	C	N92AA	10	RD	2025425C1	1667735C1	<b>AMMETER SENSE (6332F)</b> (LOCATED AT STARTER)  CONNECTOR: 1669834C1 BODY LOCK: 1675053C1 PLUG: 0587579C1 <table border="1" style="width: 100%; margin-top: 10px;"> <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>K26B</td><td>18</td><td>TN</td><td>2033911C1</td><td>1652325C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K26B	18	TN	2033911C1	1652325C1																																										
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<b>AMMETER SENSE (6332M)</b> (LOCATED AT AMMETER SENSE CABLE)  CONNECTOR: 1664531C1 BODY LOCK: 1675053C1 PLUG: 0587579C1 <table border="1" style="width: 100%; margin-top: 10px;"> <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>N26B</td><td>14</td><td>TN</td><td>2033916C1</td><td>0589391C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N26B	14	TN	2033916C1	0589391C1	<b>AMMETER SENSE (6333M)</b> (LOCATED AT STARTER)  CONNECTOR: 1664531C1 BODY LOCK: 1675053C1 PLUG: 0587579C1 <table border="1" style="width: 100%; margin-top: 10px;"> <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>K26A</td><td>18</td><td>TN</td><td>2033919C1</td><td>1652325C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K26A	18	TN	2033919C1	1652325C1																																																						
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																
A	N26B	14	TN	2033916C1	0589391C1																																																																																
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																
A	K26A	18	TN	2033919C1	1652325C1																																																																																
<b>GROUND SPLICE PACK (6350)</b> (LOCATED AT ENGINE COMPARTMENT NEAR STARTER) <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;">  </div> <div style="width: 40%;"> <p><b>KEY:</b> # = 1-6 ENGINE ONLY</p> <table border="1" style="width: 100%; margin-top: 10px;"> <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>K11-GG</td><td>16</td><td>WH</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B#</td><td>K23-G</td><td>16</td><td>WH</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>C</td><td>K34-G</td><td>16</td><td>WH</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>D</td><td>K19-GA</td><td>16</td><td>WH</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E</td><td>K19-GP</td><td>18</td><td>WH</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>F</td><td>K44-G</td><td>18</td><td>WH</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>G</td><td>K89-G</td><td>16</td><td>WH</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>H</td><td>K31-G</td><td>18</td><td>WH</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>J</td><td>K77-G</td><td>16</td><td>WH</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>K</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>L</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>M</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </table> </div> <div style="width: 30%;">           CONNECTOR: 3543730C1            BODY LOCK: 3543732C1            PLUG: 3535425C1            BUS BAR COVER: 3543735C1         </div> </div>								CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K11-GG	16	WH	3535303C1	3535424C1	B#	K23-G	16	WH	3535303C1	3535424C1	C	K34-G	16	WH	3535303C1	3535424C1	D	K19-GA	16	WH	3535303C1	3535424C1	E	K19-GP	18	WH	3535303C1	3535424C1	F	K44-G	18	WH	3535303C1	3535424C1	G	K89-G	16	WH	3535303C1	3535424C1	H	K31-G	18	WH	3535303C1	3535424C1	J	K77-G	16	WH	3535303C1	3535424C1	K	PLUG	-	-	-	-	L	PLUG	-	-	-	-	M	PLUG	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																
A	K11-GG	16	WH	3535303C1	3535424C1																																																																																
B#	K23-G	16	WH	3535303C1	3535424C1																																																																																
C	K34-G	16	WH	3535303C1	3535424C1																																																																																
D	K19-GA	16	WH	3535303C1	3535424C1																																																																																
E	K19-GP	18	WH	3535303C1	3535424C1																																																																																
F	K44-G	18	WH	3535303C1	3535424C1																																																																																
G	K89-G	16	WH	3535303C1	3535424C1																																																																																
H	K31-G	18	WH	3535303C1	3535424C1																																																																																
J	K77-G	16	WH	3535303C1	3535424C1																																																																																
K	PLUG	-	-	-	-																																																																																
L	PLUG	-	-	-	-																																																																																
M	PLUG	-	-	-	-																																																																																
CHK	DATE	CHANGE	REV	REFERENCE	DRAWS	NAME																																																																															
CNA	2MAR05	ADDED K77-G TO 6350.	C	596556	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																																																															
					RELEASE NO.	DATE	PART NO.																																																																														
					57279H	17JAN03	AE08-54996																																																																														
						SHEET	23																																																																														

Figure 113 Connector Composites (6316), (6323F), (6323M), (6332F), (6332M), (6333M), (6350)

## 10.24. CONNECTOR COMPOSITES (6400), (6407), (6703), (6708), P. 24





<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				<b>ELECTRICAL CIRCUIT DIAGRAM</b> CHAPTER 10 <b>CONNECTOR COMPOSITES -</b> MATING VIEW SHOWN																																		
<b>LOW COOLANT SENSOR (6400)</b> (LOCATED AT ENGINE COMPARTMENT NEAR SURGE TANK)   <div style="margin-left: 100px;">           CONNECTOR: 2036583C1            BODY LOCK: N/A            PLUG: N/A         </div> <table border="1" style="margin-left: auto; margin-right: auto; 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>K34A</td><td>18</td><td>TN</td><td>2036586C1</td></tr> <tr><td>B</td><td>K34-G</td><td>16</td><td>WH</td><td>2036586C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	K34A	18	TN	2036586C1	B	K34-G	16	WH	2036586C1																				
CAV	CIR	GAUGE	COLOR	TERM																																		
A	K34A	18	TN	2036586C1																																		
B	K34-G	16	WH	2036586C1																																		
<b>FAN AIR SOLENOID (6407)</b> (LOCATED AT OUTSIDE LEFT SIDE DASH PANEL)   <div style="margin-left: 100px;">           CONNECTOR: 1671610C1            BODY LOCK: 1671608C1            PLUG: 0587579C1         </div> <table border="1" style="margin-left: auto; margin-right: auto; 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>K23DA</td><td>18</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>A</td><td>K23DL</td><td>18</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>K97N</td><td>18</td><td>VT</td><td>2033819C1</td><td>1652325C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K23DA	18	TN	2033819C1	1652325C1	A	K23DL	18	TN	2033819C1	1652325C1	B	K97N	18	VT	2033819C1	1652325C1											
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																	
A	K23DA	18	TN	2033819C1	1652325C1																																	
A	K23DL	18	TN	2033819C1	1652325C1																																	
B	K97N	18	VT	2033819C1	1652325C1																																	
<b>INTAKE AIR TEMPERATURE (6703)</b> (LOCATED AT ALTERNATOR)   <div style="margin-left: 100px;">           CONNECTOR: 1689462C1            BODY LOCK: 1689463C1            PLUG: N/A         </div> <table border="1" style="margin-left: auto; margin-right: auto; 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>K97T</td><td>16</td><td>VT</td><td>1689464C1</td></tr> <tr><td>B</td><td>K97S</td><td>16</td><td>VT</td><td>1689464C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	K97T	16	VT	1689464C1	B	K97S	16	VT	1689464C1	<b>FUEL FILTER PREHEATER (6708)</b> (I-6 ONLY)  (LOCATED AT ENGINE COMPARTMENT FUEL FILTER)   <div style="margin-left: 100px;">           CONNECTOR: 3578645C1            BODY LOCK: N/A            PLUG: 3532129C1         </div> <table border="1" style="margin-left: auto; margin-right: auto; 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>K19E</td><td>14</td><td>GY</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>2</td><td>K19-GB</td><td>14</td><td>WH</td><td>3559035C1</td><td>3575783C1</td></tr> </table>		CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	K19E	14	GY	3559035C1	3575783C1	2	K19-GB	14	WH	3559035C1	3575783C1
CAV	CIR	GAUGE	COLOR	TERM																																		
A	K97T	16	VT	1689464C1																																		
B	K97S	16	VT	1689464C1																																		
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																	
1	K19E	14	GY	3559035C1	3575783C1																																	
2	K19-GB	14	WH	3559035C1	3575783C1																																	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																
CNA	13JAN05	RMVD ELEC FAN 6406	C	59478T	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																
RELEASE NO.				DATE	PART NO.	SHEET																																
57279H				17JAN03	AE08-54996	24																																

Figure 114 Connector Composites (6400), (6407), (6703), (6708)

## 10.25. CONNECTOR COMPOSITES (6709), (6715), (7104M), (7104F), (7104FA), P. 25






<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		<b>ELECTRICAL CIRCUIT DIAGRAM</b> CHAPTER 10 <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																											
<b>FUEL HEATER (6709)</b> (LOCATED AT ENGINE COMPARTMENT FUEL FILTER)  CONNECTOR: 3562853C1 BODY LOCK: N/A PLUG: 3548254C1 <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <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>K19E</td><td>18</td><td>GY</td><td>3561584C1</td><td>3536868C1</td></tr> <tr> <td>2</td><td>K19C</td><td>18</td><td>GY</td><td>3561584C1</td><td>3536868C1</td></tr> </table>		CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	K19E	18	GY	3561584C1	3536868C1	2	K19C	18	GY	3561584C1	3536868C1	<b>COMPRESSOR PRESSURE SENSOR (6715)</b> (LOCATED AT ENGINE COMPARTMENT AIR COMPRESSOR)  CONNECTOR: 1678137C1 BODY LOCK: N/A PLUG: N/A <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr> <td>A</td><td>K9A</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr> <td>B</td><td>K6A</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr> <td>C</td><td>K40</td><td>18</td><td>GY</td><td>1651943C1</td></tr> </table>		CAV	CIR	GAUGE	COLOR	TERM	A	K9A	18	GY	1651943C1	B	K6A	18	GY	1651943C1	C	K40	18	GY	1651943C1				
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																								
1	K19E	18	GY	3561584C1	3536868C1																																								
2	K19C	18	GY	3561584C1	3536868C1																																								
CAV	CIR	GAUGE	COLOR	TERM																																									
A	K9A	18	GY	1651943C1																																									
B	K6A	18	GY	1651943C1																																									
C	K40	18	GY	1651943C1																																									
<b>ECM2 CLEAN POWER AND GROUND (7104M)</b> (LOCATED AT BATTERY CABLES)  CONNECTOR: 1671610C1 BODY LOCK: 1671608C1 PLUG: 0587579C1 <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <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>N92A</td><td>12</td><td>RD</td><td>2033816C1</td><td>0589390C1</td></tr> <tr> <td>B</td><td>N92-G</td><td>12</td><td>WH</td><td>2033816C1</td><td>0589390C1</td></tr> </table>		CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N92A	12	RD	2033816C1	0589390C1	B	N92-G	12	WH	2033816C1	0589390C1	<b>ECM2 CLEAN POWER AND GROUND (7104F)</b> (LOCATED AT BATTERY CABLES)  CONNECTOR: 1671611C1 BODY LOCK: 1671608C1 PLUG: 0587579C1 KEY: * = MUTUALLY EXCLUSIVE <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <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>K92Z</td><td>10</td><td>RD</td><td>1687848C1</td><td>0589390C1</td></tr> <tr> <td>A*</td><td>K92A</td><td>10</td><td>TN</td><td>1687848C1</td><td>0589390C1</td></tr> <tr> <td>B</td><td>K92-G</td><td>10</td><td>WH</td><td>1687848C1</td><td>0589390C1</td></tr> </table>		CAV	CIR	GAUGE	COLOR	TERM	SEAL	A*	K92Z	10	RD	1687848C1	0589390C1	A*	K92A	10	TN	1687848C1	0589390C1	B	K92-G	10	WH	1687848C1	0589390C1
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																								
A	N92A	12	RD	2033816C1	0589390C1																																								
B	N92-G	12	WH	2033816C1	0589390C1																																								
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																								
A*	K92Z	10	RD	1687848C1	0589390C1																																								
A*	K92A	10	TN	1687848C1	0589390C1																																								
B	K92-G	10	WH	1687848C1	0589390C1																																								
<b>XMSN POWERED GND (7104FA)</b>  CONNECTOR: 1671611C1 BODY LOCK: 1671608C1 PLUG: 0587579C1 KEY: * = MUTUALLY EXCLUSIVE <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr> <td>A</td><td>K77-G</td><td>18</td><td>WH</td><td>2033819C1</td></tr> <tr> <td>B</td><td>K77A</td><td>16</td><td>LT GN</td><td>2033819C1</td></tr> </table> <p style="text-align: center;">W/ALLISON GEN IV</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K77-G	18	WH	2033819C1	B	K77A	16	LT GN	2033819C1																											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																									
A	K77-G	18	WH	2033819C1																																									
B	K77A	16	LT GN	2033819C1																																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																							
JKP	9JAN06	ADDED ALLISON GEN IV	C	59966S	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																							
		EFFECTS			RELEASE NO. 57279H	DATE 17JAN03	PART NO. AE08-54996 SHEET 25																																						

Figure 115 Connector Composites (6709), (6715), (7104M), (7104F), (7104FA)

10.26. CONNECTOR COMPOSITE (7150), P. 25A

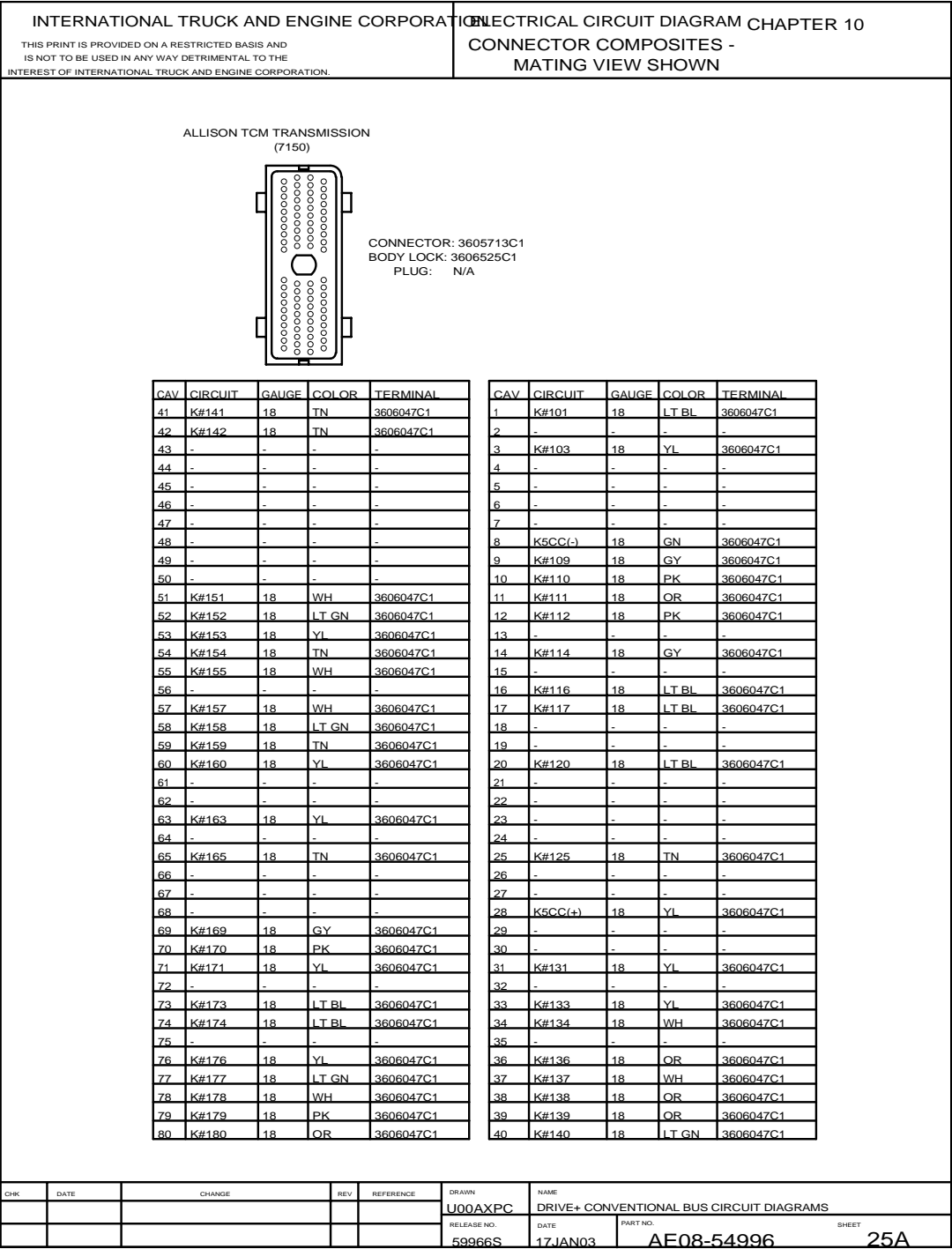


Figure 116 Connector Composite (7150)

## 10.27. CONNECTOR COMPOSITES (7200), (7202), P. 26

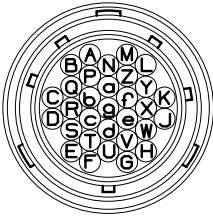
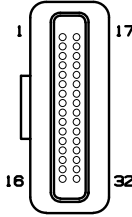
INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																																																																																																																																																																																																																																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																																																																																																																																																																																																																									
<b>MD TRANSMISSION BULKHEAD (7200)</b> (LOCATED AT ENGINE COMPARTMENT TRANSMISSION) <div style="margin-top: 10px;">             CONNECTOR: 3508926C1              BODY LOCK: N/A              PLUG: 0453133C1              COVER: 3508929C1              COVER: 3508930C1              GASKET: 3508931C1           </div> <div style="text-align: center; margin: 10px 0;">  </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>A</td><td>K#102</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>B</td><td>K#103</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>C</td><td>K#104</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>D</td><td>KA#124</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>E</td><td>K#107</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>F</td><td>K#110</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>G</td><td>K#120</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>H</td><td>K#121</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>J</td><td>K#128</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>K</td><td>K#129</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>L</td><td>K#130</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>M</td><td>K#131</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>N</td><td>K#135</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>P</td><td>K#147</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>Q</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>R</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>S</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>T</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>U</td><td>K#140</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>V</td><td>K#149</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>W</td><td>K#195</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>X</td><td>K#162</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>Y</td><td>K#165</td><td>18</td><td>TN</td><td>3508927C1</td></tr> <tr><td>Z</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>a</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>b</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>c</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>d</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>e</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>f</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>g</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERM	A	K#102	18	TN	3508927C1	B	K#103	18	TN	3508927C1	C	K#104	18	TN	3508927C1	D	KA#124	18	TN	3508927C1	E	K#107	18	TN	3508927C1	F	K#110	18	TN	3508927C1	G	K#120	18	TN	3508927C1	H	K#121	18	TN	3508927C1	J	K#128	18	TN	3508927C1	K	K#129	18	TN	3508927C1	L	K#130	18	TN	3508927C1	M	K#131	18	TN	3508927C1	N	K#135	18	TN	3508927C1	P	K#147	18	TN	3508927C1	Q	PLUG	-	-	-	R	PLUG	-	-	-	S	PLUG	-	-	-	T	PLUG	-	-	-	U	K#140	18	TN	3508927C1	V	K#149	18	TN	3508927C1	W	K#195	18	TN	3508927C1	X	K#162	18	TN	3508927C1	Y	K#165	18	TN	3508927C1	Z	PLUG	-	-	-	a	PLUG	-	-	-	b	PLUG	-	-	-	c	PLUG	-	-	-	d	PLUG	-	-	-	e	PLUG	-	-	-	f	PLUG	-	-	-	g	PLUG	-	-	-	<b>MD ECU "V" CONNECTOR GRAY (7202)</b> (LOCATED AT ENGINE COMPARTMENT TRANSMISSION) <div style="margin-top: 10px;">             CONNECTOR: 3517239C1              BODY LOCK: 3517246C1              PLUG: 3518314C1              COVER: 3517244C1              COVER: 3517240C1              SEAL: 3517245C1           </div> <div style="text-align: center; margin: 10px 0;">  </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>K#136</td><td>18</td><td>TN</td><td>3517243C1</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>K#113</td><td>18</td><td>OR</td><td>3517243C1</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>K#123</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>11</td><td>K#155</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>15</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>16</td><td>KA#136</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>17</td><td>K#143</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>18</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>19</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>20</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>21</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>22</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>23</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>24</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>25</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>26</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>27</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>28</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>29</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>30</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>31</td><td>K#161</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>32</td><td>KA#143</td><td>18</td><td>TN</td><td>3517243C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERM	1	K#136	18	TN	3517243C1	2	PLUG	-	-	-	3	PLUG	-	-	-	4	K#113	18	OR	3517243C1	5	PLUG	-	-	-	6	K#123	18	TN	3517243C1	7	PLUG	-	-	-	8	PLUG	-	-	-	9	PLUG	-	-	-	10	PLUG	-	-	-	11	K#155	18	TN	3517243C1	12	PLUG	-	-	-	13	PLUG	-	-	-	14	PLUG	-	-	-	15	PLUG	-	-	-	16	KA#136	18	TN	3517243C1	17	K#143	18	TN	3517243C1	18	PLUG	-	-	-	19	PLUG	-	-	-	20	PLUG	-	-	-	21	PLUG	-	-	-	22	PLUG	-	-	-	23	PLUG	-	-	-	24	PLUG	-	-	-	25	PLUG	-	-	-	26	PLUG	-	-	-	27	PLUG	-	-	-	28	PLUG	-	-	-	29	PLUG	-	-	-	30	PLUG	-	-	-	31	K#161	18	TN	3517243C1	32	KA#143	18	TN	3517243C1
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Figure 117 Connector Composites (7200), (7202)

## 10.28. CONNECTOR COMPOSITES (7203), (7204), P. 27

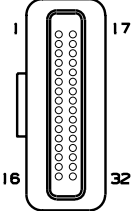
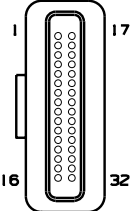
INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																																																																																																																																																																																																																													
<p style="text-align: center;"><b>MD ECU "T" CONNECTOR BLUE (7203)</b></p> <p style="text-align: center;">(LOCATED AT ENGINE COMPARTMENT TRANSMISSION)</p> <p>CONNECTOR: 3517241C1            BODY LOCK: 3517246C1            PLUG: 3518314C1            COVER: 3517242C1            COVER: 3517244C1            SEAL: 3517245C1</p> <div style="text-align: center;">  </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>K#102</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>2</td><td>K#121</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>3</td><td>K#107</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>4</td><td>K#120</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>5</td><td>K#103</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>6</td><td>K#129</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>7</td><td>K#104</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>9</td><td>KA#124</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>12</td><td>K#162</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>13</td><td>K#195</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>14</td><td>K#141</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>15</td><td>K#149</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>16</td><td>K#139</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>17</td><td>K#130</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>18</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>19</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>20</td><td>K#128</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>21</td><td>K#131</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>22</td><td>K#110</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>23</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>24</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>25</td><td>K#135</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>26</td><td>K#165</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>27</td><td>K#147</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>28</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>29</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>30</td><td>K#150</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>31</td><td>K#140</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>32</td><td>K#148</td><td>18</td><td>GY</td><td>3517243C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	K#102	18	TN	3517243C1	2	K#121	18	TN	3517243C1	3	K#107	18	TN	3517243C1	4	K#120	18	TN	3517243C1	5	K#103	18	TN	3517243C1	6	K#129	18	TN	3517243C1	7	K#104	18	TN	3517243C1	8	PLUG	-	-	-	9	KA#124	18	TN	3517243C1	10	PLUG	-	-	-	11	PLUG	-	-	-	12	K#162	18	TN	3517243C1	13	K#195	18	TN	3517243C1	14	K#141	18	GY	3517243C1	15	K#149	18	TN	3517243C1	16	K#139	18	GY	3517243C1	17	K#130	18	TN	3517243C1	18	PLUG	-	-	-	19	PLUG	-	-	-	20	K#128	18	TN	3517243C1	21	K#131	18	TN	3517243C1	22	K#110	18	TN	3517243C1	23	PLUG	-	-	-	24	PLUG	-	-	-	25	K#135	18	TN	3517243C1	26	K#165	18	TN	3517243C1	27	K#147	18	TN	3517243C1	28	PLUG	-	-	-	29	PLUG	-	-	-	30	K#150	18	GY	3517243C1	31	K#140	18	TN	3517243C1	32	K#148	18	GY	3517243C1	<p style="text-align: center;"><b>MD ECU "S" CONNECTOR BLACK (7204)</b></p> <p style="text-align: center;">(LOCATED AT ENGINE COMPARTMENT TRANSMISSION)</p> <p>CONNECTOR: 3517237C1            BODY LOCK: 3517246C1            PLUG: 3518314C1            COVER: 3517238C1            COVER: 3517244C1            SEAL: 3517245C1</p> <div style="text-align: center;">  </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>K#142</td><td>18</td><td>DK BL</td><td>3517243C1</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>K#124</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>4</td><td>K#146</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>5</td><td>K#170</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>6</td><td>K#171</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>7</td><td>K#172</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>8</td><td>K#173</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>9</td><td>K#174</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>10</td><td>K#175</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>13</td><td>K5CC(+)</td><td>18</td><td>YL</td><td>3517243C1</td></tr> <tr><td>14</td><td>K#180</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>15</td><td>(KH0SE)</td><td>18</td><td>BK</td><td>3517243C1</td></tr> <tr><td>16</td><td>KB#136</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>17</td><td>K#151</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>18</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>19</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>20</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>21</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>22</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>23</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>24</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>25</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>26</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>27</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>28</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>29</td><td>K5CC(-)</td><td>18</td><td>GN</td><td>3517243C1</td></tr> <tr><td>30</td><td>K#157</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>31</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>32</td><td>KB#143</td><td>18</td><td>TN</td><td>3517243C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	K#142	18	DK BL	3517243C1	2	PLUG	-	-	-	3	K#124	18	TN	3517243C1	4	K#146	18	TN	3517243C1	5	K#170	18	TN	3517243C1	6	K#171	18	TN	3517243C1	7	K#172	18	TN	3517243C1	8	K#173	18	TN	3517243C1	9	K#174	18	TN	3517243C1	10	K#175	18	TN	3517243C1	11	PLUG	-	-	-	12	PLUG	-	-	-	13	K5CC(+)	18	YL	3517243C1	14	K#180	18	TN	3517243C1	15	(KH0SE)	18	BK	3517243C1	16	KB#136	18	TN	3517243C1	17	K#151	18	GY	3517243C1	18	PLUG	-	-	-	19	PLUG	-	-	-	20	PLUG	-	-	-	21	PLUG	-	-	-	22	PLUG	-	-	-	23	PLUG	-	-	-	24	PLUG	-	-	-	25	PLUG	-	-	-	26	PLUG	-	-	-	27	PLUG	-	-	-	28	PLUG	-	-	-	29	K5CC(-)	18	GN	3517243C1	30	K#157	18	GY	3517243C1	31	PLUG	-	-	-	32	KB#143	18	TN	3517243C1
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Figure 118 Connector Composites (7203), (7204)



## 10.29. CONNECTOR COMPOSITES (7250), (7300), (7303), P. 28

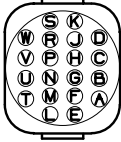
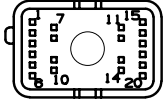
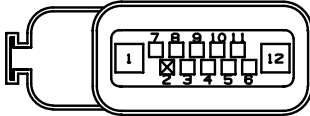
<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																																																																																																																																																																											
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Figure 119 Connector Composites (7250), (7300), (7303)

## 10.30. CONNECTOR COMPOSITES (7304), (7305), (7500), P. 29

<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																																																																																																																																																																																																																																																																																																													
<b>TCM TRANSMISSION J2 RED (7304)</b> (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)  <div style="display: flex; align-items: center;"> <div> <b>CONNECTOR:</b> 3541172C91  <b>BODY LOCK:</b> N/A  <b>PLUG:</b> 3518314C1         </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>K#201</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>2</td><td>K#202</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>3</td><td>K#203</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>4</td><td>K#204</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>5</td><td>K#205</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>6</td><td>K#206</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>7</td><td>K#207</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>8</td><td>K#208</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>K#210</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>13</td><td>K#213</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>14</td><td>K#214</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>15</td><td>K#215</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>16</td><td>K#216</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>17</td><td>K#217</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>18</td><td>K#218</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>19</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>20</td><td>K#220</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>21</td><td>K#221</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>22</td><td>K#222</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>23</td><td>K#223</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>24</td><td>K#224</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>25</td><td>K#225</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>26</td><td>K#226</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>27</td><td>K#227</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>28</td><td>K#228</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>29</td><td>K#229</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>30</td><td>K#230</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>31</td><td>K#231</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>32</td><td>K#232</td><td>18</td><td>TN</td><td>3517243C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	K#201	18	TN	3517243C1	2	K#202	18	TN	3517243C1	3	K#203	18	TN	3517243C1	4	K#204	18	TN	3517243C1	5	K#205	18	TN	3517243C1	6	K#206	18	TN	3517243C1	7	K#207	18	TN	3517243C1	8	K#208	18	TN	3517243C1	9	PLUG	-	-	-	10	K#210	18	TN	3517243C1	11	PLUG	-	-	-	12	PLUG	-	-	-	13	K#213	18	TN	3517243C1	14	K#214	18	TN	3517243C1	15	K#215	18	GY	3517243C1	16	K#216	18	GY	3517243C1	17	K#217	18	GY	3517243C1	18	K#218	18	GY	3517243C1	19	PLUG	-	-	-	20	K#220	18	TN	3517243C1	21	K#221	18	TN	3517243C1	22	K#222	18	TN	3517243C1	23	K#223	18	TN	3517243C1	24	K#224	18	TN	3517243C1	25	K#225	18	TN	3517243C1	26	K#226	18	TN	3517243C1	27	K#227	18	TN	3517243C1	28	K#228	18	TN	3517243C1	29	K#229	18	TN	3517243C1	30	K#230	18	TN	3517243C1	31	K#231	18	TN	3517243C1	32	K#232	18	TN	3517243C1	<b>TCM TRANSMISSION J1 GRAY (7305)</b> (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)  <div style="display: flex; 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<b>BACKUP LIGHT SWITCH (7500)</b> (I-6 ONLY) (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)  <div style="display: flex; align-items: center;"> <div> <b>CONNECTOR:</b> 1861778C1  <b>BODY LOCK:</b> 1861874C1  <b>PLUG:</b> 2025431C1         </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K71C</td><td>16</td><td>OR</td><td>1861875C1</td><td>1861872C1</td></tr> <tr><td>B</td><td>K71D</td><td>16</td><td>OR</td><td>1861875C1</td><td>1861872C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K71C	16	OR	1861875C1	1861872C1	B	K71D	16	OR	1861875C1	1861872C1																																																																																																																																																																																																																																																																																																																												
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Figure 120 Connector Composites (7304), (7305), (7500)

## 10.31. CONNECTOR COMPOSITES (7350), (7500), P. 29A

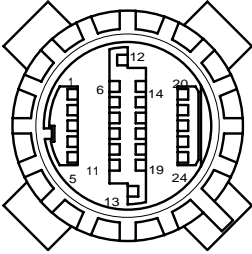

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																									
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<div style="display: flex; justify-content: space-between;"><div style="width: 45%; text-align: center;"><p>LCT XMSN BULK HEAD (7350)</p><p>CONNECTOR: 3605714C1 BODY LOCK: 3606526C1 PLUG: N/A</p></div><div style="width: 50%;"><table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>K#152</td><td>18</td><td>LT GN</td><td>3606047C1</td></tr><tr><td>2</td><td>K#133</td><td>18</td><td>YL</td><td>3606047C1</td></tr><tr><td>3</td><td>K#151</td><td>18</td><td>WH</td><td>3606047C1</td></tr><tr><td>4</td><td>K#117</td><td>18</td><td>LT BL</td><td>3606047C1</td></tr><tr><td>6</td><td>K#157</td><td>18</td><td>WH</td><td>3606047C1</td></tr><tr><td>7</td><td>K#179</td><td>18</td><td>PK</td><td>3606047C1</td></tr><tr><td>8</td><td>K#154</td><td>18</td><td>TN</td><td>3606047C1</td></tr><tr><td>9</td><td>K#158</td><td>18</td><td>LT GN</td><td>3606047C1</td></tr><tr><td>10</td><td>K#178</td><td>18</td><td>WH</td><td>3606047C1</td></tr><tr><td>11</td><td>K#177</td><td>18</td><td>LT GN</td><td>3606047C1</td></tr><tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>N/A</td></tr><tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>N/A</td></tr><tr><td>14</td><td>K#111</td><td>18</td><td>OR</td><td>3606047C1</td></tr><tr><td>15</td><td>K#155</td><td>18</td><td>WH</td><td>3606047C1</td></tr><tr><td>16</td><td>K#171</td><td>18</td><td>YL</td><td>3606047C1</td></tr><tr><td>17</td><td>K#136</td><td>18</td><td>OR</td><td>3606047C1</td></tr><tr><td>18</td><td>K#138</td><td>18</td><td>OR</td><td>3606047C1</td></tr><tr><td>19</td><td>K#174</td><td>18</td><td>LT BL</td><td>3606047C1</td></tr><tr><td>20</td><td>K#114</td><td>18</td><td>GY</td><td>3606047C1</td></tr><tr><td>21</td><td>K#153</td><td>18</td><td>YL</td><td>3606047C1</td></tr><tr><td>22</td><td>K#173</td><td>18</td><td>LT BL</td><td>3606047C1</td></tr><tr><td>23</td><td>K#134</td><td>18</td><td>WH</td><td>3606047C1</td></tr><tr><td>24</td><td>K#176</td><td>18</td><td>YL</td><td>3606047C1</td></tr></tbody></table></div></div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K#152	18	LT GN	3606047C1	2	K#133	18	YL	3606047C1	3	K#151	18	WH	3606047C1	4	K#117	18	LT BL	3606047C1	6	K#157	18	WH	3606047C1	7	K#179	18	PK	3606047C1	8	K#154	18	TN	3606047C1	9	K#158	18	LT GN	3606047C1	10	K#178	18	WH	3606047C1	11	K#177	18	LT GN	3606047C1	12	PLUG	-	-	N/A	13	PLUG	-	-	N/A	14	K#111	18	OR	3606047C1	15	K#155	18	WH	3606047C1	16	K#171	18	YL	3606047C1	17	K#136	18	OR	3606047C1	18	K#138	18	OR	3606047C1	19	K#174	18	LT BL	3606047C1	20	K#114	18	GY	3606047C1	21	K#153	18	YL	3606047C1	22	K#173	18	LT BL	3606047C1	23	K#134	18	WH	3606047C1	24	K#176	18	YL	3606047C1
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Figure 121 Connector Composites (7350), (7500)

## 10.32. CONNECTOR COMPOSITES (7600), (7601), (7603), (7604), (7605), (7607), (7701), (8000), P. 30







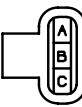
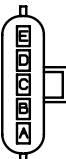
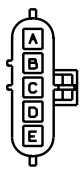
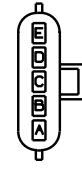
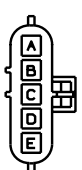
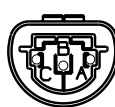

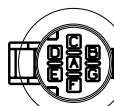
<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																															
<b>OUTPUT SPEED SENSOR (7600)</b> (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)  CONNECTOR: 2036583C1 BODY LOCK: N/A PLUG: N/A   <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K#215*</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>A#</td> <td>K#160*</td> <td>18</td> <td>YL</td> <td>2030586C1</td> </tr> <tr> <td>B</td> <td>K#216*</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B#</td> <td>K#140*</td> <td>18</td> <td>LTGN</td> <td>2036586C1</td> </tr> </tbody> </table> <p style="text-align: center;">* MUTUALLY EXCLUSIVE ● ALLISON GEN IV</p>				CAV	CIR	GAUGE	COLOR	TERM	A	K#215*	18	GY	2036586C1	A#	K#160*	18	YL	2030586C1	B	K#216*	18	GY	2036586C1	B#	K#140*	18	LTGN	2036586C1	<b>MANUAL SPEEDO SENSOR (7601)</b> (I-6 ONLY) (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)   CONNECTOR: 2036583C1 BODY LOCK: N/A PLUG: N/A  <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>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>				CAV	CIR	GAUGE	COLOR	TERM	A	K47	18	GY	2036586C1	B	K47A	18	GY	2036586C1																				
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B	K47A	18	GY	2036586C1																																																															
<b>ENGINE SPEED SENSOR (7603)</b> (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)  CONNECTOR: 2036583C1 BODY LOCK: N/A PLUG: N/A   <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K#141</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>A#</td> <td>K#159</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K#150</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B#</td> <td>K#139</td> <td>18</td> <td>QR</td> <td>2036586C1</td> </tr> </tbody> </table> <p style="text-align: center;">* MUTUALLY EXCLUSIVE ● ALLISON GEN IV</p>				CAV	CIR	GAUGE	COLOR	TERM	A	K#141	18	GY	2036586C1	A#	K#159	18	TN	2036586C1	B	K#150	18	GY	2036586C1	B#	K#139	18	QR	2036586C1	<b>ENGINE SPEED SENSOR (7604)</b> (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)  CONNECTOR: 2036583C1 BODY LOCK: N/A PLUG: N/A   <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K#217</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>A#</td> <td>K#159</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K#218</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B#</td> <td>K#139</td> <td>18</td> <td>QR</td> <td>2036586C1</td> </tr> </tbody> </table> <p style="text-align: center;">* MUTUALLY EXCLUSIVE ● ALLISON GEN IV</p>				CAV	CIR	GAUGE	COLOR	TERM	A	K#217	18	GY	2036586C1	A#	K#159	18	TN	2036586C1	B	K#218	18	GY	2036586C1	B#	K#139	18	QR	2036586C1										
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B#	K#139	18	QR	2036586C1																																																															
<b>OUTPUT SPEED SENSOR (7605)</b> (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)  CONNECTOR: 2036583C1 BODY LOCK: N/A PLUG: N/A   <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K#139</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>A#</td> <td>K#160*</td> <td>18</td> <td>YL</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K#148</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B#</td> <td>K#140*</td> <td>18</td> <td>LTGN</td> <td>2036586C1</td> </tr> </tbody> </table> <p style="text-align: center;">* MUTUALLY EXCLUSIVE ● ALLISON GEN IV</p>				CAV	CIR	GAUGE	COLOR	TERM	A	K#139	18	GY	2036586C1	A#	K#160*	18	YL	2036586C1	B	K#148	18	GY	2036586C1	B#	K#140*	18	LTGN	2036586C1	<b>TURBINE SPEED SENSOR (7607)</b> (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)  CONNECTOR: 2036583C1 BODY LOCK: N/A PLUG: N/A   <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K#213</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>A#</td> <td>K#180*</td> <td>18</td> <td>OR</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K#214</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>B#</td> <td>K#120*</td> <td>18</td> <td>LTBL</td> <td>2036586C1</td> </tr> </tbody> </table> <p style="text-align: center;">* MUTUALLY EXCLUSIVE ● ALLISON GEN IV</p>				CAV	CIR	GAUGE	COLOR	TERM	A	K#213	18	TN	2036586C1	A#	K#180*	18	OR	2036586C1	B	K#214	18	TN	2036586C1	B#	K#120*	18	LTBL	2036586C1										
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B	K#214	18	TN	2036586C1																																																															
B#	K#120*	18	LTBL	2036586C1																																																															
<b>TRANSMISSION OIL FILTER SW (7701)</b> (LOCATED AT FRAME MOUNTED TRANSMISSION OIL FILTER)   CONNECTOR: 1686834C1 BODY LOCK: 1664408C1 PLUG: 0587579C1  <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N31-G</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>B</td> <td>N31C</td> <td>18</td> <td>TN</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>C</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N31-G	18	WH	2033819C1	3517771C1	B	N31C	18	TN	2033819C1	3517771C1	C	PLUG	-	-	-	-	<b>RIGHT HEADLIGHT AND TURN SIGNAL (8000)</b> (LOCATED AT HOOD NEAR RIGHT HEADLIGHT)   CONNECTOR: 1661375C2 BODY LOCK: 1661378C1 PLUG: 0587579C1  <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>U52D</td> <td>14</td> <td>YL</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>U11-GA</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>C</td> <td>U53B</td> <td>14</td> <td>YL</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>D</td> <td>U57A OR U57B</td> <td>14</td> <td>OR</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>E</td> <td>U58D</td> <td>16</td> <td>BN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	U52D	14	YL	2033816C1	0589391C1	B	U11-GA	14	WH	2033816C1	0589391C1	C	U53B	14	YL	2033816C1	0589391C1	D	U57A OR U57B	14	OR	2033816C1	0589391C1	E	U58D	16	BN	2033819C1	1652325C1
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JKP	9JAN06	ADDED ALLISON	B	59966S	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																																													
		GEN IV EFFECT			RELEASE NO.	DATE	PART NO.																																																												
					57279H	17JAN03	AE08-54996																																																												
						SHEET	30																																																												

Figure 122 Connector Composites (7600), (7601), (7603), (7604), (7605), (7607), (7701), (8000)

### 10.33. CONNECTOR COMPOSITES (8000F), (8001), (8001F), (8002R), (8002L), (8003), P. 31

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																											
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 style="text-align: center;"><b>RIGHT HEADLIGHT AND TURN SIGNAL (8000F)</b> (LOCATED AT HOOD NEAR RIGHT HEADLIGHT)</p> <p>CONNECTOR: 1677851C1 BODY LOCK: 1677914C1 PLUG: 0587579C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>U52D</td><td>14</td><td>YL</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>U11-GA</td><td>14</td><td>WH</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>U53B</td><td>14</td><td>YL</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>U57B</td><td>14</td><td>OR</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>E</td><td>U58D</td><td>14</td><td>BN</td><td>2033912C1</td><td>0589391C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	U52D	14	YL	2033912C1	0589391C1	B	U11-GA	14	WH	2033912C1	0589391C1	C	U53B	14	YL	2033912C1	0589391C1	D	U57B	14	OR	2033912C1	0589391C1	E	U58D	14	BN	2033912C1	0589391C1	 <p style="text-align: center;"><b>LEFT HEADLIGHT AND TURN SIGNAL (8001)</b> (LOCATED AT HOOD NEAR LEFT HEADLIGHT)</p> <p>CONNECTOR: 1661375C2 BODY LOCK: 1661376C1 PLUG: 0587579C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>U52C</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>U11-GD</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>U53A</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>U56A OR U56B</td><td>14</td><td>OR</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>E</td><td>U58C</td><td>16</td><td>BN</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	U52C	14	YL	2033816C1	0589391C1	B	U11-GD	14	WH	2033816C1	0589391C1	C	U53A	14	YL	2033816C1	0589391C1	D	U56A OR U56B	14	OR	2033816C1	0589391C1	E	U58C	16	BN	2033819C1	1652325C1
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 <p style="text-align: center;"><b>LEFT HEADLIGHT AND TURN SIGNAL (8001F)</b> (LOCATED AT HOOD NEAR LEFT HEADLIGHT)</p> <p>CONNECTOR: 1677851C1 BODY LOCK: 1677914C1 PLUG: 0587579C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>U52C</td><td>14</td><td>YL</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>U11-GB</td><td>14</td><td>WH</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>U53A</td><td>14</td><td>YL</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>U56B</td><td>14</td><td>OR</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>E</td><td>U58C</td><td>14</td><td>BN</td><td>2033912C1</td><td>0589391C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	U52C	14	YL	2033912C1	0589391C1	B	U11-GB	14	WH	2033912C1	0589391C1	C	U53A	14	YL	2033912C1	0589391C1	D	U56B	14	OR	2033912C1	0589391C1	E	U58C	14	BN	2033912C1	0589391C1	 <p style="text-align: center;"><b>RIGHT HEADLIGHT (8002R)</b> (LOCATED AT RIGHT HEADLIGHT)</p> <p>CONNECTOR: 3561125C1 BODY LOCK: 3561139C1 PLUG: 0587579C1 GASKET: 3561925C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>U53B</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>U11-GAS</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>U52D</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	U53B	14	YL	2033816C1	0589391C1	B	U11-GAS	14	WH	2033816C1	0589391C1	C	U52D	14	YL	2033816C1	0589391C1												
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 <p style="text-align: center;"><b>LEFT HEADLIGHT (8002L)</b> (LOCATED AT LEFT HEADLIGHT)</p> <p>CONNECTOR: 3561125C1 BODY LOCK: 3561139C1 PLUG: 0587579C1 GASKET: 3561925C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>U53A</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>U11-GBE</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>U52C</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	U53A	14	YL	2033816C1	0589391C1	B	U11-GBE	14	WH	2033816C1	0589391C1	C	U52C	14	YL	2033816C1	0589391C1	 <p style="text-align: center;"><b>HOOD/ENGINE (8003)</b> (LOCATED AT INSIDE LEFT FRAME RAIL NEAR BUMPER)</p> <p>CONNECTOR: 2039312C91 BODY LOCK: 2039342C1 PLUG: 0587579C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>U11-GB</td><td>12</td><td>WH</td><td>2033912C1</td><td>0589390C1</td></tr> <tr><td>B</td><td>U58B</td><td>14</td><td>BN</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>U57A</td><td>14</td><td>OR</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>U56A</td><td>14</td><td>OR</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>E</td><td>U53</td><td>12</td><td>YL</td><td>2033912C1</td><td>0589390C1</td></tr> <tr><td>F</td><td>U52</td><td>12</td><td>YL</td><td>2033912C1</td><td>0589390C1</td></tr> <tr><td>G</td><td>U11-GC</td><td>14</td><td>WH</td><td>2033912C1</td><td>0589391C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	U11-GB	12	WH	2033912C1	0589390C1	B	U58B	14	BN	2033912C1	0589391C1	C	U57A	14	OR	2033912C1	0589391C1	D	U56A	14	OR	2033912C1	0589391C1	E	U53	12	YL	2033912C1	0589390C1	F	U52	12	YL	2033912C1	0589390C1	G	U11-GC	14	WH	2033912C1	0589391C1
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CHK	DATE	CHANGE	REV	REFERENCE	DRWING	NAME
CNA	18AUG03	DLCK/PRODUCTION	A	58003F	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS
		RELEASE.			RELEASE NO. 57279H	DATE 17JAN03 PART NO. AE08-54996 SHEET 31

Figure 123 Connector Composites (8000F), (8001), (8001F), (8002R), (8002L), (8003)

# 10.34. CONNECTOR COMPOSITES (8003), (8100R), (8100L), (8152R), (8152L), (8155R), (8155L), P. 32








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<b>HEADLIGHT/TURN SIGNAL (8003)</b> (LOCATED AT INSIDE LEFT FRAME RAIL NEAR BUMPER)  <div style="margin-top: 10px;">             CONNECTOR: 2039311C9I              BODY LOCK: 2039342C1              PLUG: 0587579C1           </div> <div style="margin-top: 10px;"> <b>KEY:</b>              * = MUTUALLY EXCLUSIVE              # = 1-6 ONLY           </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K11-GB</td><td>12</td><td>WH</td><td>2039344C1</td><td>0589390C1</td></tr> <tr><td>B*</td><td>K58AA</td><td>14</td><td>BN</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>B**</td><td>K58AC</td><td>14</td><td>BN</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>K57A</td><td>14</td><td>OR</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>K56A</td><td>14</td><td>OR</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>E</td><td>K53A</td><td>12</td><td>YL</td><td>2039344C1</td><td>0589390C1</td></tr> <tr><td>F</td><td>K52A</td><td>12</td><td>YL</td><td>2039344C1</td><td>0589390C1</td></tr> <tr><td>G</td><td>K11-GC</td><td>14</td><td>WH</td><td>3535486C1</td><td>0589391C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K11-GB	12	WH	2039344C1	0589390C1	B*	K58AA	14	BN	3535486C1	0589391C1	B**	K58AC	14	BN	3535486C1	0589391C1	C	K57A	14	OR	3535486C1	0589391C1	D	K56A	14	OR	3535486C1	0589391C1	E	K53A	12	YL	2039344C1	0589390C1	F	K52A	12	YL	2039344C1	0589390C1	G	K11-GC	14	WH	3535486C1	0589391C1				
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<b>RIGHT FENDER MOUNT TURN SIGNAL (8100R)</b> (LOCATED AT HOOD ABOVE RIGHT WHEEL)  <div style="margin-top: 10px;">             CONNECTOR: 2036582C1              BODY LOCK: N/A              PLUG: N/A           </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>A</td><td>U57F</td><td>16</td><td>OR</td><td>2036586C1</td></tr> <tr><td>B</td><td>U58J</td><td>16</td><td>BN</td><td>2036586C1</td></tr> <tr><td>C</td><td>U11-GH</td><td>16</td><td>WH</td><td>2036586C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	U57F	16	OR	2036586C1	B	U58J	16	BN	2036586C1	C	U11-GH	16	WH	2036586C1	<b>LEFT FENDER MOUNT TURN SIGNAL (8100L)</b> (LOCATED AT HOOD ABOVE LEFT WHEEL)  <div style="margin-top: 10px;">             CONNECTOR: 2036582C1              BODY LOCK: N/A              PLUG: N/A           </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>A</td><td>U56F</td><td>16</td><td>OR</td><td>2036586C1</td></tr> <tr><td>B</td><td>U58H</td><td>16</td><td>BN</td><td>2036586C1</td></tr> <tr><td>C</td><td>U11-GG</td><td>16</td><td>WH</td><td>2036586C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	U56F	16	OR	2036586C1	B	U58H	16	BN	2036586C1	C	U11-GG	16	WH	2036586C1														
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<b>RIGHT TURN SIGNAL (8152R)</b> (LOCATED AT RIGHT HEADLIGHT)  <div style="margin-top: 10px;">             CONNECTOR: 1686738C1              BODY LOCK: 1664229C1              PLUG: 0587579C1              GASKET: 1664228C1           </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>U57B</td><td>14</td><td>OR</td><td>1669214C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>U58C</td><td>14</td><td>BN</td><td>1669214C1</td><td>0589391C1</td></tr> <tr><td>G</td><td>U11-GAU</td><td>16</td><td>WH</td><td>1664231C1</td><td>1664232C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	U57B	14	OR	1669214C1	0589391C1	B	U58C	14	BN	1669214C1	0589391C1	G	U11-GAU	16	WH	1664231C1	1664232C1	<b>LEFT TURN SIGNAL (8152L)</b> (LOCATED AT LEFT HEADLIGHT)  <div style="margin-top: 10px;">             CONNECTOR: 1686738C1              BODY LOCK: 1664229C1              PLUG: 0587579C1              GASKET: 1664228C1           </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>U56B</td><td>14</td><td>OR</td><td>1669214C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>U58CC</td><td>14</td><td>BN</td><td>1669214C1</td><td>0589391C1</td></tr> <tr><td>G</td><td>U11-GBH</td><td>16</td><td>WH</td><td>1664231C1</td><td>1664232C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	U56B	14	OR	1669214C1	0589391C1	B	U58CC	14	BN	1669214C1	0589391C1	G	U11-GBH	16	WH	1664231C1	1664232C1						
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																								
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G	U11-GBH	16	WH	1664231C1	1664232C1																																																								
<b>RIGHT PEANUT LIGHT (8155R)</b> (LOCATED AT RIGHT HEADLIGHT)  <div style="margin-top: 10px;">             CONNECTOR: 3562119C1              BODY LOCK: N/A              PLUG: N/A              GASKET: 3573285C1           </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>U58DD</td><td>14</td><td>BN</td><td>3562095C1</td><td>3562100C1</td></tr> <tr><td>B</td><td>U11-GAV</td><td>14</td><td>WH</td><td>3562095C1</td><td>3562100C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	U58DD	14	BN	3562095C1	3562100C1	B	U11-GAV	14	WH	3562095C1	3562100C1	<b>LEFT PEANUT LIGHT (8155L)</b> (LOCATED AT LEFT HEADLIGHT)  <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>U58CD</td><td>14</td><td>BN</td><td>3562095C1</td><td>3562100C1</td></tr> <tr><td>B</td><td>U11-GBJ</td><td>14</td><td>WH</td><td>3562095C1</td><td>3562100C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	U58CD	14	BN	3562095C1	3562100C1	B	U11-GBJ	14	WH	3562095C1	3562100C1																		
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DWR	DATE	CHANGE	REV	REFERENCE	DRAWING	NAME																																																							
CNA	18AUG03	DLCK/PRODUCTION	A	58003F	U00TFW3	DRIVE* CONVENTIONAL BUS CIRCUIT DIAGRAMS																																																							
		RELEASE.			RELEASE NO.	DATE																																																							
					57279H	17JAN03																																																							
					PART NO.	SHEET																																																							
					AE08-54996	32																																																							

Figure 124 Connector Composites (8003), (8100R), (8100L), (8152R), (8152L), (8155R), (8155L)

## 10.35. CONNECTOR COMPOSITES (8310), (8311), (8450), (9100), P. 33

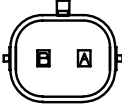






INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																							
<b>ELECTRIC HORN (8310)</b> (LOCATED AT ENGINE COMPARTMENT NEAR BUMPER)   <div style="float: right; text-align: right;">             CONNECTOR: 3543888C1              BODY LOCK: 1661874C1              PLUG: 2025431C1           </div> <div style="clear: both;"></div> <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><th>SEAL</th></tr> <tr><td>A</td><td>M85J</td><td>16</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>M85-GC</td><td>16</td><td>WH</td><td>1667742C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M85J	16	GY	1667742C1	1661872C1	B	M85-GC	16	WH	1667742C1	1661872C1	<b>ELECTRIC HORN (8310)</b> (LOCATED AT ENGINE COMPARTMENT NEAR BUMPER)   <div style="float: right; text-align: right;">             CONNECTOR: 1661778C1              BODY LOCK: 1661874C1              PLUG: 2025431C1           </div> <div style="clear: both;"></div> <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><th>SEAL</th></tr> <tr><td>A</td><td>K85A</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>K85-GA</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K85A	16	GY	1661875C1	1661872C1	B	K85-GA	16	WH	1661875C1	1661872C1
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A	M85J	16	GY	1667742C1	1661872C1																																						
B	M85-GC	16	WH	1667742C1	1661872C1																																						
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B	K85-GA	16	WH	1661875C1	1661872C1																																						
<b>LEFT SIDE ELECTRIC HORN (8311)</b> (LOCATED AT ENGINE COMPARTMENT NEAR BUMPER)   <div style="float: right; text-align: right;">             CONNECTOR: 1661778C1              BODY LOCK: 1661874C1              PLUG: 2025431C1           </div> <div style="clear: both;"></div> <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><th>SEAL</th></tr> <tr><td>A</td><td>M85K</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>M85-GD</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M85K	16	GY	1661875C1	1661872C1	B	M85-GD	16	WH	1661875C1	1661872C1	<b>RIGHT SIDE ELECTRIC HORN (8311)</b> (LOCATED AT ENGINE COMPARTMENT NEAR BUMPER)   <div style="float: right; text-align: right;">             CONNECTOR: 1661778C1              BODY LOCK: 1661874C1              PLUG: 2025431C1           </div> <div style="clear: both;"></div> <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><th>SEAL</th></tr> <tr><td>A</td><td>M85L</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>M85-GE</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M85L	16	GY	1661875C1	1661872C1	B	M85-GE	16	WH	1661875C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																						
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B	M85-GD	16	WH	1661875C1	1661872C1																																						
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A	M85L	16	GY	1661875C1	1661872C1																																						
B	M85-GE	16	WH	1661875C1	1661872C1																																						
<b>SHUTTER SOLENOID (8450)</b> (LOCATED ON LEFT FRAME RAIL NEAR HOOD HARNESS)   <div style="float: right; text-align: right;">             CONNECTOR: 1671810C1              BODY LOCK: 1671608C1              PLUG: N/A           </div> <div style="clear: both;"></div> <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><th>SEAL</th></tr> <tr><td>A</td><td>K23AB</td><td>18</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>A</td><td>K23AC</td><td>18</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>K23-GA</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K23AB	18	TN	2033819C1	1652325C1	A	K23AC	18	TN	2033819C1	1652325C1	B	K23-GA	16	WH	2033819C1	1652325C1	Empty space for right side of Shutter Solenoid section															
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																						
A	K23AB	18	TN	2033819C1	1652325C1																																						
A	K23AC	18	TN	2033819C1	1652325C1																																						
B	K23-GA	16	WH	2033819C1	1652325C1																																						
<b>FUEL GAUGE INTERCONNECT (9100)</b> (LOCATED AT INSIDE LEFT FRAME RAIL BEHIND HCU)   <div style="float: right; text-align: right;">             CONNECTOR: 1671610C1              BODY LOCK: 1671608C1              PLUG: 0587579C1           </div> <div style="clear: both;"></div> <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><th>SEAL</th></tr> <tr><td>A</td><td>N36</td><td>18</td><td>TN</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>B</td><td>N9D</td><td>18</td><td>GY</td><td>2033819C1</td><td>3517771C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N36	18	TN	2033819C1	3517771C1	B	N9D	18	GY	2033819C1	3517771C1	<b>FUEL GAUGE INTERCONNECT (9100)</b> (LOCATED AT INSIDE LEFT FRAME RAIL BEHIND HCU)   <div style="float: right; text-align: right;">             CONNECTOR: 1671611C1              BODY LOCK: 1671608C1              PLUG: 0587579C1           </div> <div style="clear: both;"></div> <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><th>SEAL</th></tr> <tr><td>A</td><td>R36</td><td>18</td><td>BK</td><td>2033911C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>R9D</td><td>18</td><td>WH</td><td>2033911C1</td><td>1652325C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R36	18	BK	2033911C1	1652325C1	B	R9D	18	WH	2033911C1	1652325C1
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																						
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B	R9D	18	WH	2033911C1	1652325C1																																						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																					
JKP	5JAN05	ADDED CONN 8450	B	59478T	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																					
					RELEASE NO.	DATE	PART NO.																																				
					57279H	17JAN03	AE08-54996																																				
						SHEET	33																																				

Figure 125 Connector Composites (8310), (8311), (8450), (9100)



# 10.36. CONNECTOR COMPOSITES (9101), (9254), (9255), (9257), (9258), (9260), (9261), P. 34









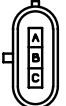

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<b>AF FUEL SENDER (9101)</b> (LOCATED AT REAR MOUNTED FUEL TANK)  CONNECTOR: 1661778C1 BODY LOCK: 1661874C1 PLUG: 2025431C1 <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R36</td> <td>18</td> <td>BK</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R9D</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R36	18	BK	1661875C1	1661872C1	B	R9D	18	WH	1661875C1	1661872C1	<b>RIGHT SIDE FUEL GAUGE LEVEL SENSOR (9101)</b> (LOCATED AT OUTSIDE RIGHT FRAME RAIL)  CONNECTOR: 1661778C1 BODY LOCK: 1661874C1 PLUG: 2025431C1 <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>N36</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>N9D</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N36	18	TN	1661875C1	3568570C1	B	N9D	18	GY	1661875C1	3568570C1																								
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<b>ENGINE ECM FEED FUSE (9254)</b> (LOCATED AT BATTERY CABLES)  CONNECTOR: 3512967C1 BODY LOCK: N/A PLUG: 0453133C1 <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>N14AY</td> <td>10</td> <td>RD</td> <td>1661708C1</td> <td></td> </tr> <tr> <td>B</td> <td>N14BA</td> <td>10</td> <td>RD</td> <td>1661708C1</td> <td></td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N14AY	10	RD	1661708C1		B	N14BA	10	RD	1661708C1		<b>TRANSMISSION ECU FEED FUSE (9255)</b> (LOCATED AT BATTERY CABLES)  CONNECTOR: 3512967C1 BODY LOCK: N/A PLUG: 0453133C1 <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>N14AZ</td> <td>10</td> <td>RD</td> <td>1661708C1</td> <td></td> </tr> <tr> <td>B</td> <td>N14BB</td> <td>10</td> <td>RD</td> <td>1661708C1</td> <td></td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N14AZ	10	RD	1661708C1		B	N14BB	10	RD	1661708C1																									
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B	N14BB	10	RD	1661708C1																																																															
<b>AIR DRYER (9257)</b> (LOCATED AT OUTSIDE LEFT FRAME RAIL-AIR TANK)  CONNECTOR: 1673790C1 BODY LOCK: 1673791C1 PLUG: 0587579C1 <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>N39B</td> <td>14</td> <td>BK</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>A*</td> <td>N39A</td> <td>14</td> <td>BK</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>A*•</td> <td>N39C</td> <td>14</td> <td>BK</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>B*</td> <td>N39A-G</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>B*</td> <td>N39-G</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>B*•</td> <td>N39C-G</td> <td>14</td> <td>WH</td> <td>203381671</td> <td>0589391C1</td> </tr> </tbody> </table> <p>• MUTUALLY EXCLUSIVE • W/HALDEX</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A*	N39B	14	BK	2033816C1	0589391C1	A*	N39A	14	BK	2033816C1	0589391C1	A*•	N39C	14	BK	2033816C1	0589391C1	B*	N39A-G	14	WH	2033816C1	0589391C1	B*	N39-G	14	WH	2033816C1	0589391C1	B*•	N39C-G	14	WH	203381671	0589391C1	<b>ENGINE ECM FEED FUSE (9258)</b> (LOCATED AT BATTERY CABLES)  CONNECTOR: 3512967C1 BODY LOCK: N/A PLUG: 0453133C1 <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>N14BD</td> <td>10</td> <td>RD</td> <td>1661708C1</td> <td>N/A</td> </tr> <tr> <td>B</td> <td>N14BC</td> <td>10</td> <td>RD</td> <td>1661708C1</td> <td>N/A</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N14BD	10	RD	1661708C1	N/A	B	N14BC	10	RD	1661708C1	N/A
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																														
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B*	N39-G	14	WH	2033816C1	0589391C1																																																														
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B	N14BC	10	RD	1661708C1	N/A																																																														
<b>ECM NEGATIVE (9260)</b> (LOCATED AT BATTERY CABLES)  CONNECTOR: 2031522C1 BODY LOCK: 2033927C1 PLUG: 2025432C1 <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>N97-G</td> <td>10</td> <td>WH</td> <td>2031531C1</td> <td>2025427C1</td> </tr> <tr> <td>B</td> <td>N92-G</td> <td>12</td> <td>WH</td> <td>2031531C1</td> <td>2025428C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N97-G	10	WH	2031531C1	2025427C1	B	N92-G	12	WH	2031531C1	2025428C1	<b>ECM NEGATIVE (9260)</b> (LOCATED AT BATTERY CABLES)  CONNECTOR: 2031520C1 BODY LOCK: 2033927C1 PLUG: 2025432C1 <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>N14-G</td> <td>10</td> <td>WH</td> <td>2025423C1</td> <td>2025426C1</td> </tr> <tr> <td>B</td> <td>N14-GA</td> <td>10</td> <td>WH</td> <td>2025423C1</td> <td>2025426C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N14-G	10	WH	2025423C1	2025426C1	B	N14-GA	10	WH	2025423C1	2025426C1																								
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<b>ECM POSITIVE FEED (9261)</b> (LOCATED AT BATTERY CABLES)  CONNECTOR: 1677732C1 BODY LOCK: 1667734C1 PLUG: 1675451C1 <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>N14BA</td> <td>10</td> <td>RD</td> <td>2025425C1</td> <td>1667735C1</td> </tr> <tr> <td>B</td> <td>N14BB</td> <td>10</td> <td>RD</td> <td>2025425C1</td> <td>1667735C1</td> </tr> <tr> <td>C</td> <td>N14BC</td> <td>10</td> <td>RD</td> <td>2025425C1</td> <td>1667735C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N14BA	10	RD	2025425C1	1667735C1	B	N14BB	10	RD	2025425C1	1667735C1	C	N14BC	10	RD	2025425C1	1667735C1	<b>ECM POSITIVE FEED (9261)</b> (LOCATED AT BATTERY CABLES)  CONNECTOR: 2031520C1 BODY LOCK: 2033927C1 PLUG: 2025432C1 <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>N97AA</td> <td>10</td> <td>RD</td> <td>2025423C1</td> <td>2025427C1</td> </tr> <tr> <td>B</td> <td>N92A</td> <td>12</td> <td>RD</td> <td>2025422C1</td> <td>2025428C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N97AA	10	RD	2025423C1	2025427C1	B	N92A	12	RD	2025422C1	2025428C1																		
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CHK	DATE	CHANGE	REV	REFERENCE	DRWN	NAME																																																													
JKP	9JAN06	ADDED W/HAL DEX	D	59966S	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																																													
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					57279H	17JAN03																																																													
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					SHEET	34																																																													

Figure 126 Connector Composites (9101), (9254), (9255), (9257), (9258), (9260), (9261)

## 10.37. CONNECTOR COMPOSITES (9261), (9262F), (9262M), (9301), (9500M), P. 35


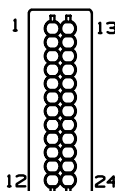



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<th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>1*</td><td>N90</td><td>12</td><td>GY</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>1*</td><td>N84BP</td><td>12</td><td>GY</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>2</td><td>N89A</td><td>16</td><td>VT</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>3*</td><td>N39B</td><td>14</td><td>BK</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>3*</td><td>N39C</td><td>14</td><td>BK</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>4*</td><td>N39A-G</td><td>14</td><td>WH</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>4*</td><td>N39B-G</td><td>14</td><td>WH</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>4*</td><td>N39C-G</td><td>14</td><td>WH</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>5</td><td>N89B</td><td>16</td><td>VT</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>6</td><td>N3C+</td><td>18</td><td>DK BL</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>7</td><td>N3C-</td><td>18</td><td>GY</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>8</td><td>N89</td><td>16</td><td>VT</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>9</td><td>N89-G</td><td>16</td><td>WH</td><td>3559035C1</td><td>3509903C1</td></tr> <tr><td>10</td><td>N84BJ</td><td>18</td><td>GY</td><td>3509874C1</td><td>3509903C1</td></tr> <tr><td>11*</td><td>N5-</td><td>18</td><td>GN</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>11*</td><td>N5(-)</td><td>18</td><td>GN</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>12*</td><td>N5+</td><td>18</td><td>YL</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>12*</td><td>N5(+)</td><td>18</td><td>YL</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>13</td><td>N87A</td><td>18</td><td>GY</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>14</td><td>N36</td><td>18</td><td>TN</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>15</td><td>N9D</td><td>18</td><td>GY</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>16*</td><td>N90-GA</td><td>12</td><td>WH</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>16*</td><td>N84-G</td><td>14</td><td>WH</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>17</td><td>N31C</td><td>18</td><td>TN</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>18</td><td>N31-G</td><td>18</td><td>WH</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>19</td><td>N87-G</td><td>18</td><td>GY</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>20</td><td>N84</td><td>14</td><td>YL</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>21</td><td>N84-G</td><td>14</td><td>WH</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>22</td><td>N39B</td><td>14</td><td>BK</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>23</td><td>N39B-G</td><td>14</td><td>WH</td><td>3559035C1</td><td>3575783C1</td></tr> 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BL	3509874C1	3532128C1	7	N3C-	18	GY	3509874C1	3532128C1	8	N89	16	VT	3559035C1	3509903C1	9	N89-G	16	WH	3559035C1	3509903C1	10	N84BJ	18	GY	3509874C1	3509903C1	11*	N5-	18	GN	3509874C1	3532128C1	11*	N5(-)	18	GN	3509874C1	3532128C1	12*	N5+	18	YL	3509874C1	3532128C1	12*	N5(+)	18	YL	3509874C1	3532128C1	13	N87A	18	GY	3509874C1	3532128C1	14	N36	18	TN	3509874C1	3532128C1	15	N9D	18	GY	3509874C1	3532128C1	16*	N90-GA	12	WH	3559035C1	3575783C1	16*	N84-G	14	WH	3559035C1	3575783C1	17	N31C	18	TN	3509874C1	3532128C1	18	N31-G	18	WH	3509874C1	3532128C1	19	N87-G	18	GY	3509874C1	3532128C1	20	N84	14	YL	3559035C1	3575783C1	21	N84-G	14	WH	3559035C1	3575783C1	22	N39B	14	BK	3559035C1	3575783C1	23	N39B-G	14	WH	3559035C1	3575783C1	24	N94BCS	18	GY	3509874C1	3509903C1
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																																																																																																																																																				
A	N14BA	10	RD	2031531C1	2025427C1																																																																																																																																																																																																																				
B	N14BB	10	RD	2031531C1	2025426C1																																																																																																																																																																																																																				
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1*	N84BP	12	GY	3559035C1	3575783C1																																																																																																																																																																																																																				
2	N89A	16	VT	3559035C1	3509903C1																																																																																																																																																																																																																				
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4*	N39A-G	14	WH	3559035C1	3575783C1																																																																																																																																																																																																																				
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6	N3C+	18	DK BL	3509874C1	3532128C1																																																																																																																																																																																																																				
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8	N89	16	VT	3559035C1	3509903C1																																																																																																																																																																																																																				
9	N89-G	16	WH	3559035C1	3509903C1																																																																																																																																																																																																																				
10	N84BJ	18	GY	3509874C1	3509903C1																																																																																																																																																																																																																				
11*	N5-	18	GN	3509874C1	3532128C1																																																																																																																																																																																																																				
11*	N5(-)	18	GN	3509874C1	3532128C1																																																																																																																																																																																																																				
12*	N5+	18	YL	3509874C1	3532128C1																																																																																																																																																																																																																				
12*	N5(+)	18	YL	3509874C1	3532128C1																																																																																																																																																																																																																				
13	N87A	18	GY	3509874C1	3532128C1																																																																																																																																																																																																																				
14	N36	18	TN	3509874C1	3532128C1																																																																																																																																																																																																																				
15	N9D	18	GY	3509874C1	3532128C1																																																																																																																																																																																																																				
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<p style="text-align: center;"><b>STOP, TAIL AND TURN (9301)</b> (LOCATED AT END OF FRAME)</p>  <p>CONNECTOR: 1661375C2 BODY LOCK: 1661376C1 PLUG: 0587579C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>R71F</td><td>14</td><td>BL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>R56D</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>R57D</td><td>14</td><td>GN</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>R68A</td><td>14</td><td>BN</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>E</td><td>R68-G</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R71F	14	BL	2033816C1	0589391C1	B	R56D	14	YL	2033816C1	0589391C1	C	R57D	14	GN	2033816C1	0589391C1	D	R68A	14	BN	2033816C1	0589391C1	E	R68-G	14	WH	2033816C1	0589391C1																																																																																																																																																																																		
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Figure 127 Connector Composites (9261), (9262F), (9262M), (9301), (9500M)

## 10.38. CONNECTOR COMPOSITES (9500F), (9500M), (9501), P. 36

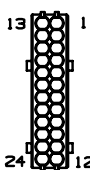
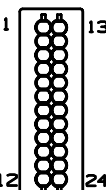

<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>						<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																																																																																																																																																																																																																																																																																																																																													
<b>ENGINE/CHASSIS INTERCONNECT (9500F)</b>  <p>CONNECTOR: 3558022C1 BODY LOCK: 3558056C1 PLUG: 1654800C1</p> <p><b>KEY:</b> * = MUTUALLY EXCLUSIVE # = 1-6 ONLY</p>						<b>ENGINE/CHASSIS INTERCONNECT (9500M)</b>  <p>CONNECTOR: 3558026C1 BODY LOCK: 3558056C1 PLUG: 1654800C1</p>																																																																																																																																																																																																																																																																																																																																																																													
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Figure 128 Connector Composites (9500F), (9500M), (9501)

## 10.39. CONNECTOR COMPOSITES (9503), (9506), (9507), (9508), (9510), (9511), P. 37

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																																																																																																																		
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<p style="text-align: center;"><b>HYDRAULIC BRAKE CONTROL UNIT - HCU (9510)</b> (LOCATED AT INSIDE LEFT FRAME RAIL AT HCU)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div> <p>CONNECTOR: 3573656C1 BODY LOCK: N/A PLUG: 3577748C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>1</td><td>N90A-G</td><td>12</td><td>WH</td><td>3573654C1</td><td>3573655C1</td></tr> <tr><td>2</td><td>N90A</td><td>12</td><td>GY</td><td>3573654C1</td><td>3573655C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	N90A-G	12	WH	3573654C1	3573655C1	2	N90A	12	GY	3573654C1	3573655C1																																																																																																																																																																																																	
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Figure 129 Connector Composites (9503), (9506), (9507), (9508), (9510), (9511)

## 10.40. CONNECTOR COMPOSITES (9512), (9513F), (9513M), (9514), P. 38

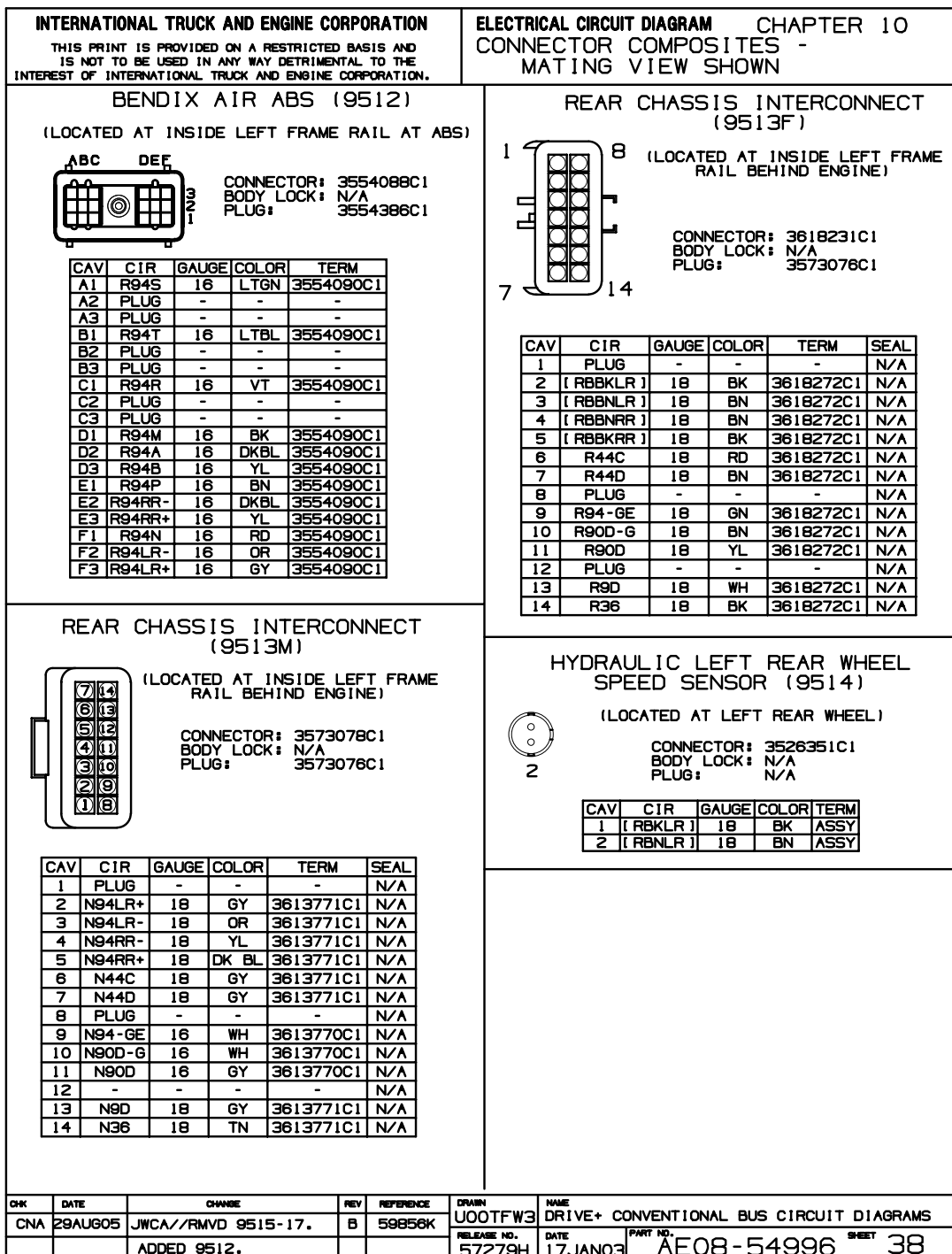


Figure 130 Connector Composites (9512), (9513F), (9513M), (9514)

# 10.41. CONNECTOR COMPOSITES (9515), (9516), (9517), (9518), (9519), (9520), (9521), (9522), P. 39

<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																			
<p style="text-align: center;"><b>HYDRAULIC RIGHT REAR WHEEL SPEED SENSOR (9515)</b> (LOCATED AT RIGHT REAR WHEEL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 3526351C1 BODY LOCK: N/A PLUG: N/A</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[RBKRR]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>[RBNRR]</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	[RBKRR]	18	BK	ASSY	2	[RBNRR]	18	BN	ASSY	<p style="text-align: center;"><b>HYDRAULIC RIGHT FRONT WHEEL SPEED SENSOR (9516)</b> (LOCATED AT RIGHT FRONT WHEEL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 3526351C1 BODY LOCK: N/A PLUG: N/A</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[ND94R+]</td> <td>18</td> <td>BK</td> <td>ASSY</td> <td>N/A</td> </tr> <tr> <td>2</td> <td>[ND94R-]</td> <td>18</td> <td>BN</td> <td>ASSY</td> <td>N/A</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	[ND94R+]	18	BK	ASSY	N/A	2	[ND94R-]	18	BN	ASSY	N/A															
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<p style="text-align: center;"><b>HYDRAULIC LEFT FRONT WHEEL SPEED SENSOR (9517)</b> (LOCATED AT LEFT FRONT WHEEL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 3519666C1 BODY LOCK: N/A PLUG: N/A</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[N94L+]</td> <td>18</td> <td>BK</td> <td>ASSY</td> <td>N/A</td> </tr> <tr> <td>2</td> <td>[N94L-]</td> <td>18</td> <td>BN</td> <td>ASSY</td> <td>N/A</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	[N94L+]	18	BK	ASSY	N/A	2	[N94L-]	18	BN	ASSY	N/A	<p style="text-align: center;"><b>LEFT REAR MODULATOR VALVE (9518)</b> (LOCATED AT INSIDE LEFT FRAME RAIL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 1686834C1 BODY LOCK: 1664408C1 PLUG: 0587579C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94M</td> <td>16</td> <td>BK</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94N</td> <td>16</td> <td>RD</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94P</td> <td>16</td> <td>BN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R94M	16	BK	2033819C1	1652325C1	B	R94N	16	RD	2033819C1	1652325C1	C	R94P	16	BN	2033819C1	1652325C1						
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C	R94P	16	BN	2033819C1	1652325C1																																																		
<p style="text-align: center;"><b>RIGHT REAR MODULATOR VALVE (9519)</b> (LOCATED AT INSIDE RIGHT FRAME RAIL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 1686834C1 BODY LOCK: 1664408C1 PLUG: 0587579C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94R</td> <td>16</td> <td>VT</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94S</td> <td>16</td> <td>LT GN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94T</td> <td>16</td> <td>LT BL</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R94R	16	VT	2033819C1	1652325C1	B	R94S	16	LT GN	2033819C1	1652325C1	C	R94T	16	LT BL	2033819C1	1652325C1	<p style="text-align: center;"><b>LEFT FRONT MODULATOR VALVE (9520)</b> (LOCATED AT OUTSIDE LEFT FRAME RAIL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 1686834C1 BODY LOCK: 1664408C1 PLUG: 0587579C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N94BA</td> <td>16</td> <td>BK</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N94BB</td> <td>16</td> <td>RD</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N94BC</td> <td>16</td> <td>BN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N94BA	16	BK	2033819C1	1652325C1	B	N94BB	16	RD	2033819C1	1652325C1	C	N94BC	16	BN	2033819C1	1652325C1
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C	R94T	16	LT BL	2033819C1	1652325C1																																																		
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B	N94BB	16	RD	2033819C1	1652325C1																																																		
C	N94BC	16	BN	2033819C1	1652325C1																																																		
<p style="text-align: center;"><b>RIGHT FRONT MODULATOR VALVE (9521)</b> (LOCATED AT OUTSIDE RIGHT FRAME RAIL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 1686834C1 BODY LOCK: 1664408C1 PLUG: 0587579C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N94BD</td> <td>16</td> <td>VT</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N94BE</td> <td>16</td> <td>LT GN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N94BF</td> <td>16</td> <td>LT BL</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N94BD	16	VT	2033819C1	1652325C1	B	N94BE	16	LT GN	2033819C1	1652325C1	C	N94BF	16	LT BL	2033819C1	1652325C1	<p style="text-align: center;"><b>BENDIX TRACTION CONTROL (9522)</b> (LOCATED AT CROSSMEMBER FRONT OF REAR AXLE)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 3518183C1 BODY LOCK: 3518174C1 PLUG: 3527276C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94A</td> <td>16</td> <td>DK BL</td> <td>3518961C1</td> </tr> <tr> <td>2</td> <td>R94B</td> <td>16</td> <td>YL</td> <td>3518961C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	R94A	16	DK BL	3518961C1	2	R94B	16	YL	3518961C1									
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																		
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C	N94BF	16	LT BL	2033819C1	1652325C1																																																		
CAV	CIR	GAUGE	COLOR	TERM																																																			
1	R94A	16	DK BL	3518961C1																																																			
2	R94B	16	YL	3518961C1																																																			

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
JKP	9JAN06	ADDED TABLE FOR 9516	D	59966S	UOOTFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS
					RELEASE NO.	DATE
					57279H	17JAN03
					PART NO.	SHEET
					AE08-54996	39

Figure 131 Connector Composites (9515), (9516), (9517), (9518), (9519), (9520), (9521), (9522)

## 10.42. CONNECTOR COMPOSITES (9523F), (9523M), (9524), (9526), P. 40

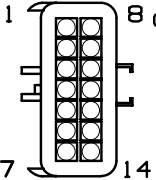
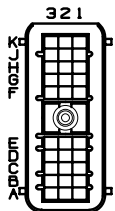
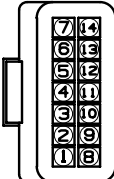

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																																																																																																																																																								
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 style="text-align: center;"><b>ENGINE/CHASSIS INTERCONNECT (9523F)</b></p> <p style="text-align: center;">(LOCATED AT INSIDE LEFT FRAME RAIL BEHIND ENGINE)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 3618231C1 BODY LOCK: N/A PLUG: 3573076C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>1</td><td>N90A-G</td><td>12</td><td>WH</td><td>3612308C1</td><td>N/A</td></tr> <tr><td>2</td><td>N90C-G</td><td>18</td><td>WH</td><td>3618272C1</td><td>N/A</td></tr> <tr><td>3</td><td>N90B</td><td>18</td><td>GY</td><td>3618272C1</td><td>N/A</td></tr> <tr><td>4</td><td>N90H</td><td>18</td><td>GY</td><td>3618272C1</td><td>N/A</td></tr> <tr><td>5</td><td>N90F</td><td>18</td><td>GY</td><td>3618272C1</td><td>N/A</td></tr> <tr><td>6</td><td>N84</td><td>14</td><td>YL</td><td>3618273C1</td><td>N/A</td></tr> <tr><td>7</td><td>N84-G</td><td>14</td><td>WH</td><td>3618273C1</td><td>N/A</td></tr> <tr><td>8</td><td>N94L</td><td>12</td><td>GY</td><td>3612308C1</td><td>N/A</td></tr> <tr><td>9</td><td>N94-GD</td><td>12</td><td>WH</td><td>3612308C1</td><td>N/A</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>N/A</td></tr> <tr><td>11</td><td>N90E</td><td>18</td><td>GY</td><td>3618272C1</td><td>N/A</td></tr> <tr><td>12</td><td>N44A</td><td>18</td><td>GY</td><td>3618272C1</td><td>N/A</td></tr> <tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>N/A</td></tr> <tr><td>14</td><td>N90A</td><td>12</td><td>GY</td><td>3612308C1</td><td>N/A</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	N90A-G	12	WH	3612308C1	N/A	2	N90C-G	18	WH	3618272C1	N/A	3	N90B	18	GY	3618272C1	N/A	4	N90H	18	GY	3618272C1	N/A	5	N90F	18	GY	3618272C1	N/A	6	N84	14	YL	3618273C1	N/A	7	N84-G	14	WH	3618273C1	N/A	8	N94L	12	GY	3612308C1	N/A	9	N94-GD	12	WH	3612308C1	N/A	10	PLUG	-	-	-	N/A	11	N90E	18	GY	3618272C1	N/A	12	N44A	18	GY	3618272C1	N/A	13	PLUG	-	-	-	N/A	14	N90A	12	GY	3612308C1	N/A	<p style="text-align: center;"><b>BENDIX AIR ABS (9524)</b></p> <p style="text-align: center;">(LOCATED AT INSIDE LEFT FRAME RAIL AT ABS)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 3554087C1 BODY LOCK: N/A PLUG: N/A</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>A1</td><td>N94-GA</td><td>16</td><td>WH</td><td>3554090C1</td></tr> <tr><td>A2</td><td>N94-GB</td><td>16</td><td>WH</td><td>3554090C1</td></tr> <tr><td>A3</td><td>N94-GC</td><td>16</td><td>WH</td><td>3554090C1</td></tr> <tr><td>B1</td><td>N94BL</td><td>16</td><td>GY</td><td>3554090C1</td></tr> <tr><td>B2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C1</td><td>N94BE</td><td>16</td><td>LT GN</td><td>3554090C1</td></tr> <tr><td>C2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C3</td><td>N5A+</td><td>18</td><td>YL</td><td>3565443C1</td></tr> <tr><td>D1</td><td>N94BF</td><td>16</td><td>LT BL</td><td>3554090C1</td></tr> <tr><td>D2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D3</td><td>N5A-</td><td>18</td><td>GN</td><td>3565443C1</td></tr> <tr><td>E1</td><td>N94BD</td><td>16</td><td>VT</td><td>3554090C1</td></tr> <tr><td>E2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F1</td><td>N94BA</td><td>16</td><td>BK</td><td>3554090C1</td></tr> <tr><td>F2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G1</td><td>N94BC</td><td>16</td><td>BN</td><td>3554090C1</td></tr> <tr><td>G2</td><td>N3C+</td><td>18</td><td>DK BL</td><td>3565443C1</td></tr> <tr><td>G3</td><td>N3C-</td><td>18</td><td>GY</td><td>3565443C1</td></tr> <tr><td>H1</td><td>N94BB</td><td>16</td><td>RD</td><td>3554090C1</td></tr> <tr><td>H2</td><td>N94R+</td><td>16</td><td>DK BL</td><td>3554090C1</td></tr> <tr><td>H3</td><td>N94R-</td><td>16</td><td>YL</td><td>3554090C1</td></tr> <tr><td>J1</td><td>N94L+</td><td>16</td><td>GY</td><td>3554090C1</td></tr> <tr><td>J2</td><td>N94L-</td><td>16</td><td>OR</td><td>3554090C1</td></tr> <tr><td>J3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>K1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>K2</td><td>N94BM</td><td>16</td><td>GY</td><td>3554090C1</td></tr> <tr><td>K3</td><td>N94BN</td><td>16</td><td>GY</td><td>3554090C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A1	N94-GA	16	WH	3554090C1	A2	N94-GB	16	WH	3554090C1	A3	N94-GC	16	WH	3554090C1	B1	N94BL	16	GY	3554090C1	B2	PLUG	-	-	-	B3	PLUG	-	-	-	C1	N94BE	16	LT GN	3554090C1	C2	PLUG	-	-	-	C3	N5A+	18	YL	3565443C1	D1	N94BF	16	LT BL	3554090C1	D2	PLUG	-	-	-	D3	N5A-	18	GN	3565443C1	E1	N94BD	16	VT	3554090C1	E2	PLUG	-	-	-	E3	PLUG	-	-	-	F1	N94BA	16	BK	3554090C1	F2	PLUG	-	-	-	F3	PLUG	-	-	-	G1	N94BC	16	BN	3554090C1	G2	N3C+	18	DK BL	3565443C1	G3	N3C-	18	GY	3565443C1	H1	N94BB	16	RD	3554090C1	H2	N94R+	16	DK BL	3554090C1	H3	N94R-	16	YL	3554090C1	J1	N94L+	16	GY	3554090C1	J2	N94L-	16	OR	3554090C1	J3	PLUG	-	-	-	K1	PLUG	-	-	-	K2	N94BM	16	GY	3554090C1	K3	N94BN	16	GY	3554090C1
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Figure 132 Connector Composites (9523F), (9523M), (9524), (9526)



### 10.43. CONNECTOR COMPOSITES (9527), (9530), (9532F), (9532M), (9533), (9534), (9535), (9536), P. 41

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																																					
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 style="text-align: center;"><b>HALDEX DRAIN VALVE (9527)</b> (LOCATED AT OUTSIDE LEFT FRAME RAIL AT AIR TANK)</p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div> <p>CONNECTOR: 0587568C1 BODY LOCK: N/A PLUG: 0587579C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N39B</td> <td>14</td> <td>BK</td> <td>0587575C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>N39A-G</td> <td>14</td> <td>WH</td> <td>0587575C1</td> <td>0589391C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N39B	14	BK	0587575C1	0589391C1	B	N39A-G	14	WH	0587575C1	0589391C1	<p style="text-align: center;"><b>J1939 TERMINATING RESISTOR (9530)</b> (LOCATED AT INSIDE LEFT FRAME RAIL BEHIND HCU)</p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div> <p>CONNECTOR: 1667741C1 BODY LOCK: 1667771C1 PLUG: 2025431C1</p> <p>• MUTUALLY EXCLUSIVE • W/ABS6 EFFECTS</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>N5B+</td> <td>18</td> <td>YL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>A*•</td> <td>N5B+</td> <td>18</td> <td>YL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C*</td> <td>N5B-</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>C*•</td> <td>N5B-</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A*	N5B+	18	YL	1661875C1	3568570C1	A*•	N5B+	18	YL	1661875C1	3568570C1	B	PLUG	-	-	-	-	C*	N5B-	18	GN	1661875C1	3568570C1	C*•	N5B-	18	GN	1661875C1	3568570C1																																																																												
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<p style="text-align: center;"><b>E-STROKE ENGINE/CHASSIS CONN (9532F)</b> (LOCATED AT MID CHASSIS ENGINE/CHASSIS INTERCONN)</p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div> <p>CONNECTOR: 1689499C1 BODY LOCK: 1689501C1 PLUG: 0453133C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>1</td><td>N59N</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>2</td><td>N59P</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>3</td><td>N59R</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>4</td><td>N59S</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>5</td><td>N59T</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>6</td><td>N59U</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>7</td><td>N59V</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>8</td><td>N59W</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>9</td><td>N59X</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>10</td><td>N59Y</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>11</td><td>N59Z</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>12</td><td>N59AA</td><td>18</td><td>GY</td><td>1680206C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	N59N	18	GY	1680206C1	2	N59P	18	GY	1680206C1	3	N59R	18	GY	1680206C1	4	N59S	18	GY	1680206C1	5	N59T	18	GY	1680206C1	6	N59U	18	GY	1680206C1	7	N59V	18	GY	1680206C1	8	N59W	18	GY	1680206C1	9	N59X	18	GY	1680206C1	10	N59Y	18	GY	1680206C1	11	N59Z	18	GY	1680206C1	12	N59AA	18	GY	1680206C1	<p style="text-align: center;"><b>E-STROKE ENGINE/CHASSIS CONN (9532M)</b> (LOCATED AT MID CHASSIS ENGINE/CHASSIS INTERCONN)</p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div> <p>CONNECTOR: 1689500C1 BODY LOCK: 1689428C1 PLUG: 0453133C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>1</td><td>K59N</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>2</td><td>K59P</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>3</td><td>K59R</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>4</td><td>K59S</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>5</td><td>K59T</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>6</td><td>K59U</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>7</td><td>K59V</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>8</td><td>K59W</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>9</td><td>K59X</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>10</td><td>K59Y</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>11</td><td>K59Z</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>12</td><td>K59AA</td><td>18</td><td>GY</td><td>1680205C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	K59N	18	GY	1680205C1	2	K59P	18	GY	1680205C1	3	K59R	18	GY	1680205C1	4	K59S	18	GY	1680205C1	5	K59T	18	GY	1680205C1	6	K59U	18	GY	1680205C1	7	K59V	18	GY	1680205C1	8	K59W	18	GY	1680205C1	9	K59X	18	GY	1680205C1	10	K59Y	18	GY	1680205C1	11	K59Z	18	GY	1680205C1	12	K59AA	18	GY	1680205C1
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<p style="text-align: center;"><b>E-STROKE RIGHT FRONT SENSOR (9533)</b></p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div> <p>CONNECTOR: 1667741C1 BODY LOCK: 1667771C1 PLUG: 2025431C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N59S</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N59T</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>N59U</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N59S	18	GY	1661875C1	1661872C1	B	N59T	18	GY	1661875C1	1661872C1	C	N59U	18	GY	1661875C1	1661872C1	<p style="text-align: center;"><b>E-STROKE LEFT FRONT SENSOR (9534)</b></p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div> <p>CONNECTOR: 1667741C1 BODY LOCK: 1667771C1 PLUG: 2025431C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N59N</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N59P</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>N59R</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N59N	18	GY	1661875C1	1661872C1	B	N59P	18	GY	1661875C1	1661872C1	C	N59R	18	GY	1661875C1	1661872C1																																																																																		
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Figure 133 Connector Composites (9527), (9530), (9532F), (9532M), (9533), (9534), (9535), (9536)



## 10.44. CONNECTOR COMPOSITES (9537M), (9537F), (9538), (9539), (9540), (9541M), P. 42

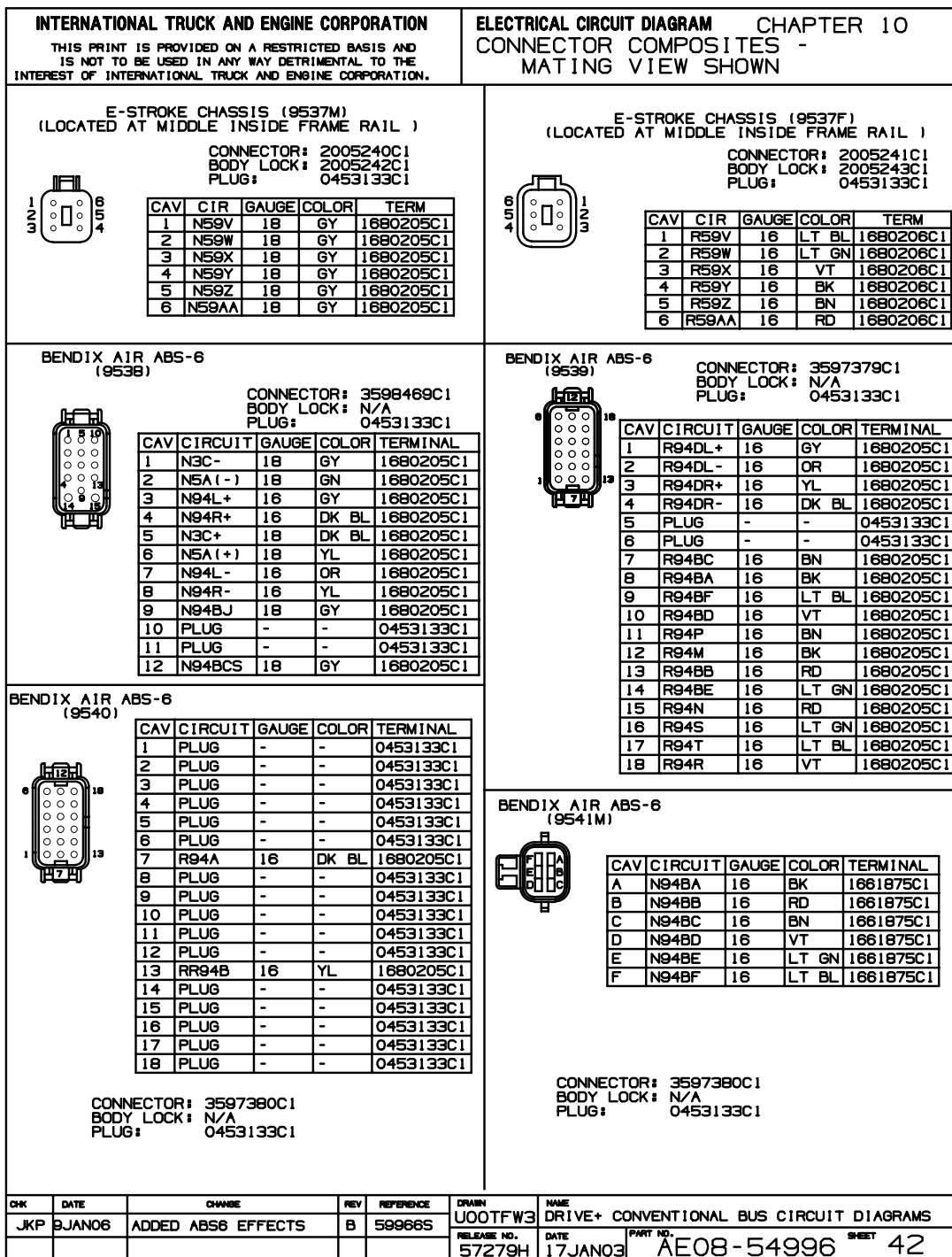


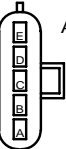






Figure 134 Connector Composites (9537M), (9537F), (9538), (9539), (9540), (9541M)

# 10.45. CONNECTOR COMPOSITES (9541M), (9541F), (9736), (9737), (9777), (9778), (9801), P. 43

INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																																									
<div style="text-align: center;">  <p><b>BENDIX AIR ABS-6 (9541M)</b></p> </div> <div style="text-align: right; margin-top: 10px;">           CONNECTOR: 3597380C1            BODY LOCK: N/A            PLUG: 0453133C1         </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>N94BA</td><td>16</td><td>BK</td><td>1661875C1</td></tr> <tr><td>B</td><td>N94BB</td><td>16</td><td>RD</td><td>1661875C1</td></tr> <tr><td>C</td><td>N94BC</td><td>16</td><td>BN</td><td>1661875C1</td></tr> <tr><td>D</td><td>N94BD</td><td>16</td><td>VT</td><td>1661875C1</td></tr> <tr><td>E</td><td>N94BE</td><td>16</td><td>LT GN</td><td>1661875C1</td></tr> <tr><td>F</td><td>N94BF</td><td>16</td><td>LT BL</td><td>1661875C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	N94BA	16	BK	1661875C1	B	N94BB	16	RD	1661875C1	C	N94BC	16	BN	1661875C1	D	N94BD	16	VT	1661875C1	E	N94BE	16	LT GN	1661875C1	F	N94BF	16	LT BL	1661875C1	<div style="text-align: center;">  <p><b>BENDIX AIR ABS-6 MOD INTER CONN (9541F)</b></p> </div> <div style="text-align: right; margin-top: 10px;">           CONNECTOR: 2024437C1            BODY LOCK: 2011364C1            PLUG: 2025431C1         </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>R94BA</td><td>16</td><td>BK</td><td>1667742C1</td></tr> <tr><td>B</td><td>R94BB</td><td>16</td><td>RD</td><td>1667742C1</td></tr> <tr><td>C</td><td>R94BC</td><td>16</td><td>BN</td><td>1667742C1</td></tr> <tr><td>D</td><td>R94BD</td><td>16</td><td>VT</td><td>1667742C1</td></tr> <tr><td>E</td><td>R94BE</td><td>16</td><td>LT GN</td><td>1667742C1</td></tr> <tr><td>F</td><td>R94BF</td><td>16</td><td>LT BL</td><td>1667742C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	R94BA	16	BK	1667742C1	B	R94BB	16	RD	1667742C1	C	R94BC	16	BN	1667742C1	D	R94BD	16	VT	1667742C1	E	R94BE	16	LT GN	1667742C1	F	R94BF	16	LT BL	1667742C1
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<div style="text-align: center;">  <p><b>AIR SOLENOID 4-PACK (9736)</b> (LOCATED AT ENGINE COMPARTMENT REAR)</p> </div> <div style="text-align: right; margin-top: 10px;">           CONNECTOR: 1661375C2            BODY LOCK: 1661376C1            PLUG: 0587579C1         </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>K59H</td><td>14</td><td>GY</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>K59J</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>K59K</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>K59L</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>K59M</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K59H	14	GY	2033816C1	0589391C1	B	K59J	18	GY	2033819C1	1652325C1	C	K59K	18	GY	2033819C1	1652325C1	D	K59L	18	GY	2033819C1	1652325C1	E	K59M	18	GY	2033819C1	1652325C1	<div style="text-align: center;">  <p><b>RADIATOR GROUND (9737)</b> (LOCATED AT ENGINE COMPARTMENT FRONT)</p> </div> <div style="text-align: right; margin-top: 10px;">           CONNECTOR: 0587566C91            BODY LOCK: N/A            PLUG: 0587579C1         </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>K11-GD</td><td>12</td><td>WH</td><td>1673747C1</td><td>0589390C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K11-GD	12	WH	1673747C1	0589390C1																						
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<div style="text-align: center;">  <p><b>HYD ABS SAHR SENSOR (9777)</b> (LOCATED AT INSIDE LEFT FRAME RAIL AT SAHR CANNISTER)</p> </div> <div style="text-align: right; margin-top: 10px;">           CONNECTOR: 1667741C1            BODY LOCK: 1667771C1            PLUG: 2025431C1         </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>R90D</td><td>18</td><td>YL</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>R94-GE</td><td>18</td><td>GN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>R44D</td><td>18</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R90D	18	YL	1661875C1	1661872C1	B	R94-GE	18	GN	1661875C1	1661872C1	C	R44D	18	BN	1661875C1	1661872C1	<div style="text-align: center;">  <p><b>SAHR CUT-OFF SOLENOID (9778)</b> (LOCATED AT INSIDE LEFT FRAME RAIL AT HCU)</p> </div> <div style="text-align: right; margin-top: 10px;">           CONNECTOR: 3522068C1            BODY LOCK: 1661874C1            PLUG: 2025431C1         </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>R44C</td><td>18</td><td>RD</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>2</td><td>R90D-G</td><td>18</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	R44C	18	RD	1661875C1	1661872C1	2	R90D-G	18	BN	1661875C1	1661872C1																												
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<div style="text-align: center;">  <p><b>LOW CURRENT PRESSURE SW (9801)</b> (LOCATED AT ENGINE COMPARTMENT REAR)</p> </div> <div style="text-align: right; margin-top: 10px;">           CONNECTOR: 1661777C1            BODY LOCK: 1661873C1            PLUG: 2025431C1         </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>C</td><td>K93</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>K9D</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	C	K93	18	TN	1661875C1	1661872C1	D	K9D	18	GY	1661875C1	1661872C1																																																								
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DATE	PART NO.	SHEET
					U00AXPC	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS			
					RELEASE NO. 59966S		12DEC05	AF08-54996	43

**Figure 135 Connector Composites (9541M), (9541F), (9736), (9737), (9777), (9778), (9801)**

