

## 10. CONNECTOR COMPOSITES (CHAPTER 10)

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

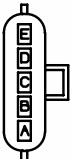
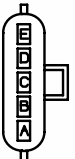
<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																																																																																											
<b>LEFT TAIL/STOP/TURN LIGHT (701)</b> (LOCATED AT REAR FRAME RAIL)   <div style="margin-left: 100px;">             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>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: 100px;">             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>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 <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>A62B</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr> <tr><td>B</td><td>A62J</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr> <tr><td>C</td><td>A62C</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr> <tr><td>D</td><td>A62D</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr> <tr><td>E</td><td>A62E</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>A62G</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr> <tr><td>H</td><td>A62H</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr> <tr><td>J</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A62B	18	DK BL	1661208C1	B	A62J	18	DK BL	1661208C1	C	A62C	18	DK BL	1661208C1	D	A62D	18	DK BL	1661208C1	E	A62E	18	DK BL	1661208C1	F	-	-	-	-	G	A62G	18	DK BL	1661208C1	H	A62H	18	DK BL	1661208C1	J	-	-	-	-	K	-	-	-	-	<b>GROUND SPLICE CONN (1003)</b> (LOCATED LEFT SIDE INSTRUMENT PANEL) CONNECTOR: 2007315C1    BUS BAR: 2007217C1 BODY LOCK: 2007316C1    COVER: 2010558C1 PLUG: N/A <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>A11-G</td><td>12</td><td>WH</td><td>3566715C1</td></tr> <tr><td>B</td><td>A62-GC</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>C</td><td>A62-GD</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>D</td><td>A11-GB</td><td>16</td><td>WH</td><td>1661209C1</td></tr> <tr><td>E</td><td>A62-GE</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>F</td><td>A*188</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>G</td><td>A*186</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>H</td><td>A11-GC</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>J</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A11-G	12	WH	3566715C1	B	A62-GC	18	WH	1661208C1	C	A62-GD	18	WH	1661208C1	D	A11-GB	16	WH	1661209C1	E	A62-GE	18	WH	1661208C1	F	A*188	18	WH	1661208C1	G	A*186	18	WH	1661208C1	H	A11-GC	18	WH	1661208C1	J	-	-	-	-	K	-	-	-	-										
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Figure 89 Connector Composites (701), (702), (1002), (1003), (1004), (1005)

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

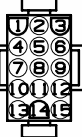
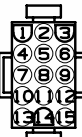



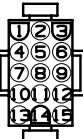

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Figure 90 Connector Composites (1006), (1007), (1008F), (1008M), (1009), (1010), (1012)

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

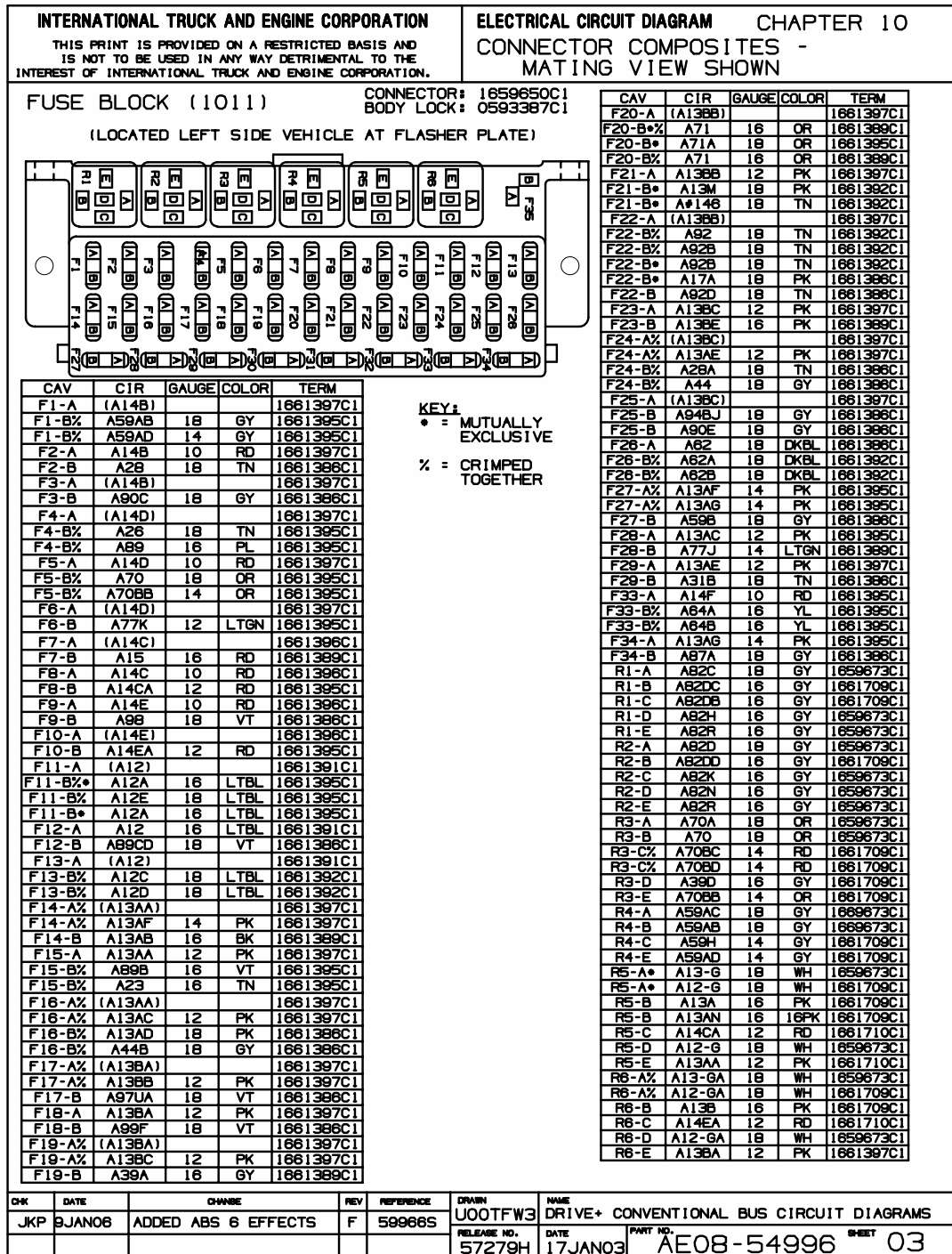


Figure 91 Connector Composite (1011)

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

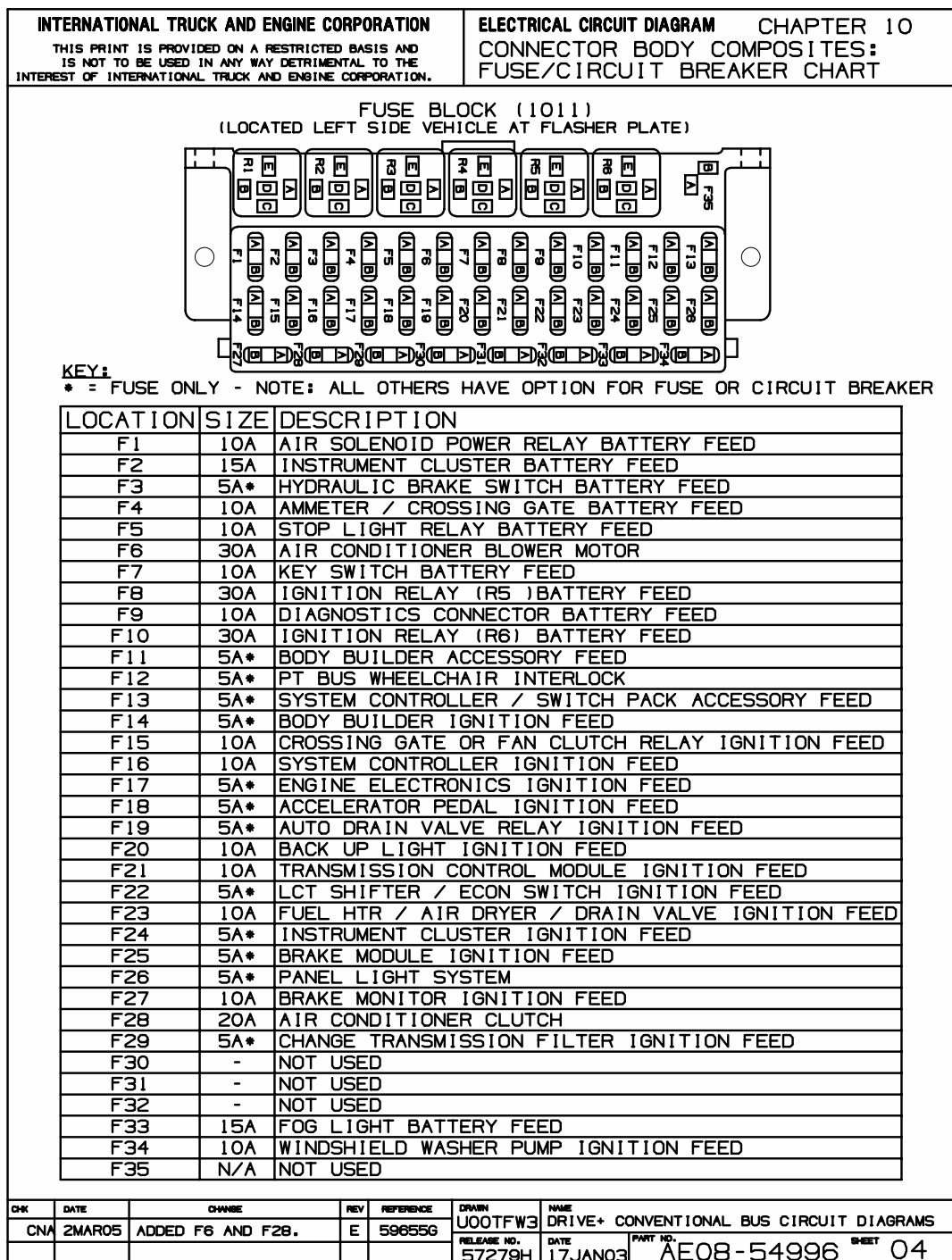
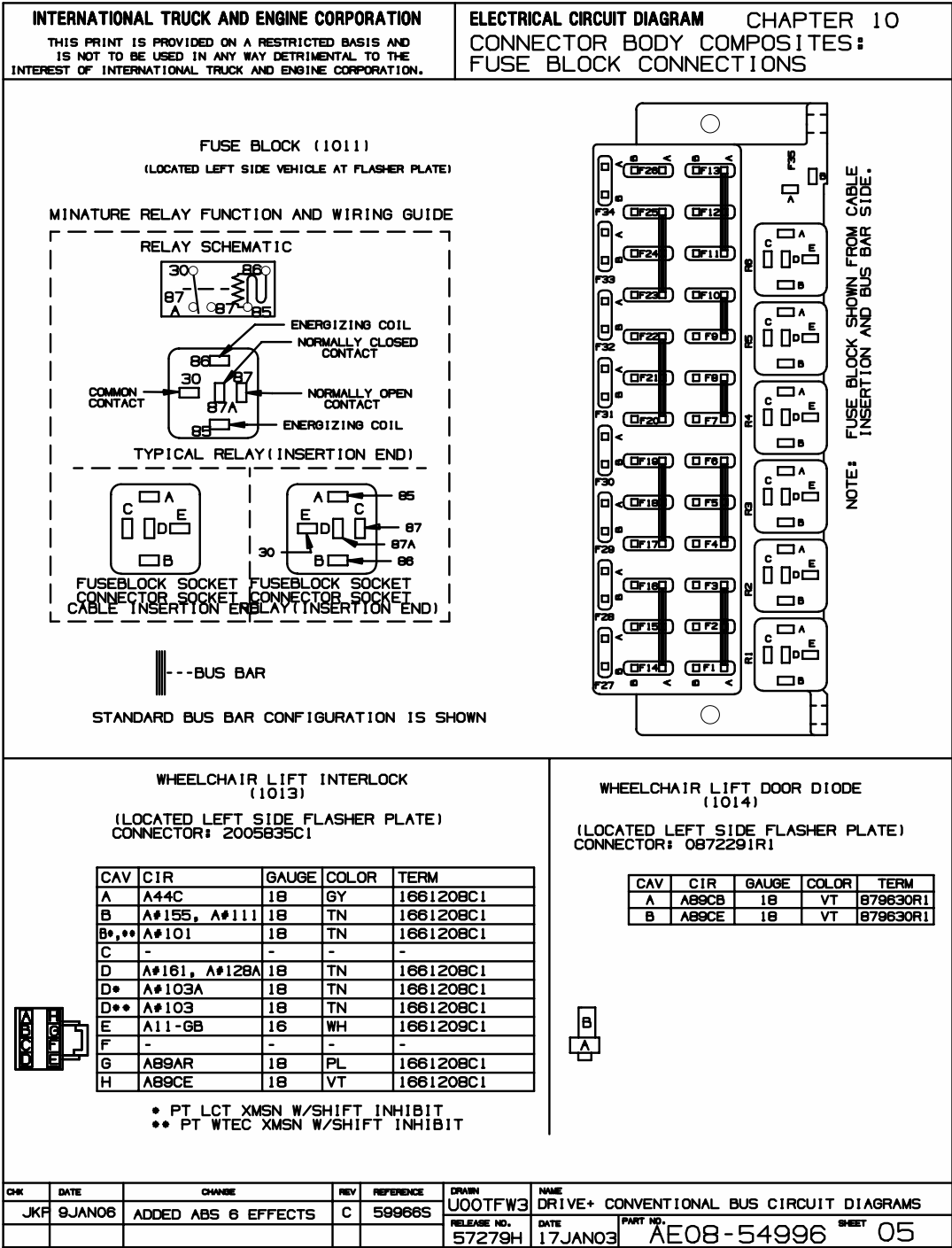


Figure 92 Connector Composite (1011) Fuse / Circuit Breaker Chart

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																																																																																																		
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>BACK-UP LIGHT RELAY (1015) (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)</p> <p>CONNECTOR: 2028683C1 BODY LOCK: 2028684C1 PLUG: N/A CLAMP: 0435265C1</p> <p>* = MUTUALLY EXCLUSIVE % = CRIMPED TOGETHER</p> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr><tr><td>1</td><td>A113</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>A71B</td><td>16</td><td>LT BL</td><td>1661710C1</td></tr><tr><td>5&amp;*</td><td>A71B</td><td>16</td><td>OR</td><td>1661710C1</td></tr></table> <p>• WTEC &amp; LTS GEN4 &amp;- W/LAMP CHECK</p>				CAV	CIR	GAUGE	COLOR	TERM	1	A113	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*	A71B	16	LT BL	1661710C1	5&*	A71B	16	OR	1661710C1	<p>BACK-UP LIGHT CHECK RELAY (1016) (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)</p> <p>CONNECTOR: 2028683C1 BODY LOCK: 2028684C1 PLUG: N/A CLAMP: 0435265C1</p> <p>KEY: % = CRIMPED TOGETHER</p> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr><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></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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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																																																																																																		
<p>FOG LIGHT RELAY (1017) (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)</p> <p>CONNECTOR: 2028683C1 BODY LOCK: 2028684C1 PLUG: N/A CLAMP: 0435265C1</p> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr><tr><td>1</td><td>A64A</td><td>16</td><td>YL</td><td>2025418C1</td></tr><tr><td>2</td><td>A64C</td><td>18</td><td>YL</td><td>2025418C1</td></tr><tr><td>3</td><td>A64B</td><td>16</td><td>YL</td><td>1661709C1</td></tr><tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>5</td><td>A64</td><td>12</td><td>YL</td><td>1661709C1</td></tr></table>				CAV	CIR	GAUGE	COLOR	TERM	1	A64A	16	YL	2025418C1	2	A64C	18	YL	2025418C1	3	A64B	16	YL	1661709C1	4	-	-	-	-	5	A64	12	YL	1661709C1	<p>AUTO DRAIN VALVE RELAY (1018) (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)</p> <p>CONNECTOR: 2028683C1 BODY LOCK: 2028684C1 PLUG: N/A CLAMP: 0435265C1</p> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr><tr><td>1</td><td>A39C</td><td>16</td><td>GY</td><td>2025418C1</td></tr><tr><td>2</td><td>A39A</td><td>16</td><td>GY</td><td>2025418C1</td></tr><tr><td>3</td><td>A39D</td><td>16</td><td>GY</td><td>1661709C1</td></tr><tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>5</td><td>A39B</td><td>16</td><td>GY</td><td>1661709C1</td></tr></table>				CAV	CIR	GAUGE	COLOR	TERM	1	A39C	16	GY	2025418C1	2	A39A	16	GY	2025418C1	3	A39D	16	GY	1661709C1	4	-	-	-	-	5	A39B	16	GY	1661709C1																																			
CAV	CIR	GAUGE	COLOR	TERM																																																																																																		
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2	A64C	18	YL	2025418C1																																																																																																		
3	A64B	16	YL	1661709C1																																																																																																		
4	-	-	-	-																																																																																																		
5	A64	12	YL	1661709C1																																																																																																		
CAV	CIR	GAUGE	COLOR	TERM																																																																																																		
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2	A39A	16	GY	2025418C1																																																																																																		
3	A39D	16	GY	1661709C1																																																																																																		
4	-	-	-	-																																																																																																		
5	A39B	16	GY	1661709C1																																																																																																		
<p>WHEELCHAIR LIFT RELAY (1019) (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)</p> <p>CONNECTOR: 2028683C1 BODY LOCK: 2028684C1 PLUG: N/A CLAMP: 0435265C1</p> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr><tr><td>1</td><td>A89CD</td><td>18</td><td>VT</td><td>2025418C1</td></tr><tr><td>2</td><td>A89CB</td><td>18</td><td>VT</td><td>2025418C1</td></tr><tr><td>3</td><td>A89CC</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>A9CA</td><td>18</td><td>GY</td><td>1659673C1</td></tr></table>				CAV	CIR	GAUGE	COLOR	TERM	1	A89CD	18	VT	2025418C1	2	A89CB	18	VT	2025418C1	3	A89CC	18	PL	1659673C1	4	-	-	-	-	5	A9CA	18	GY	1659673C1	<p>EMERGENCY EXIT RELAY (1020) (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)</p> <p>CONNECTOR: 2028683C1 BODY LOCK: 2028684C1 PLUG: N/A CLAMP: 0435265C1</p> <p>KEY: * = MUTUALLY EXCLUSIVE % = CRIMPED TOGETHER</p> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr><tr><td>1</td><td>A89FD</td><td>18</td><td>VT</td><td>2025418C1</td></tr><tr><td>2%</td><td>A89DB</td><td>18</td><td>VT</td><td>3519441C1</td></tr><tr><td>2%*</td><td>A89FB</td><td>18</td><td>VT</td><td>3519441C1</td></tr><tr><td>2*</td><td>A89FB</td><td>18</td><td>VT</td><td>3519441C1</td></tr><tr><td>3</td><td>A89FF</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>A9FA</td><td>18</td><td>GY</td><td>1659673C1</td></tr></table>				CAV	CIR	GAUGE	COLOR	TERM	1	A89FD	18	VT	2025418C1	2%	A89DB	18	VT	3519441C1	2%*	A89FB	18	VT	3519441C1	2*	A89FB	18	VT	3519441C1	3	A89FF	18	PL	1659673C1	4	-	-	-	-	5	A9FA	18	GY	1659673C1																									
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5	A9FA	18	GY	1659673C1																																																																																																		
<p>POST TRIP INSPECTION RELAY (1021) (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)</p> <p>CONNECTOR: 2028683C1 BODY LOCK: 2028684C1 PLUG: N/A CLAMP: 0435265C1</p> <p>KEY: % = CRIMPED TOGETHER</p> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr><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></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	<p>SPECIAL EQUIPMENT CONNECTOR (LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE) (1023)</p> <p>CONNECTOR: 3515762C1</p> <table><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr><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></table>				CAV	CIR	GAUGE	COLOR	TERM	A	A47	18	GY	1661261C1	B	A48	18	GY	1661261C1	C	-	-	-	-	D	-	-	-	-	E	-	-	-	-	F	-	-	-	-	G	-	-	-	-	H	-	-	-	-															
CAV	CIR	GAUGE	COLOR	TERM																																																																																																		
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JKP 9JAN06 ADDED CAV5 FOR 1015 D 59966S				U00TFW3 DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																																																																																		
RELEASE NO. 57279H				DATE 17JAN03																																																																																																		
				PART NO. AE08-54996																																																																																																		
				SHEET 06																																																																																																		

Figure 94 Connector Composites (1015), (1016), (1017), (1018), (1019), (1020), (1021), (1023)

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





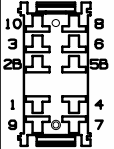



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<b>KEY SWITCH (1100)</b> (LOCATED AT INSTRUMENT WING PANEL)  <div style="margin-top: 10px;">             CONNECTOR: 3546518C1              BODY LOCK: 3546519C1              PLUG: N/A           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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>18</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	18	PK	1661209C1	C	A12	16	LT BL	1661209C1	D	A13AN	16	PK	1661209C1	<b>SWITCH PACK, UPPER ADDRESS (1101)</b> (LOCATED AT INSTRUMENT WING PANEL)  <div style="margin-top: 10px;">             CONNECTOR: 2031871C1              BODY LOCK: 2031873C1              PLUG: N/A           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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																																																																														
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E	A3F(-)	18	GY	1661261C1																																																																														
F	-	-	-	-																																																																														
<b>AIR PARK BRAKE PRESS SWITCH (1104)</b> (LOCATED AT INSTRUMENT WING PANEL)  <div style="margin-top: 10px;">             CONNECTOR: 1661777C1              BODY LOCK: 1661873C1              PLUG: 2025431C1           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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	<b>HYD PARK BRAKE SWITCH (1105)</b> (LOCATED AT INSTRUMENT WING PANEL)  <div style="margin-top: 10px;">             CONNECTOR: 1661259C1              BODY LOCK: 1661263C1              PLUG: N/A           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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>ECON SWITCH (1106)</b> (LOCATED AT INSTRUMENT CLUSTER)  <div style="margin-top: 10px;">             CONNECTOR: 3520850C1              BODY LOCK: N/A              PLUG: N/A           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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#12B/A#12BA</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> <div style="margin-top: 10px;">             * LCT GEN4              ** N/SHIFT INHIBIT              *** W/SHIFT INHIBIT              * W/SHIFTER INTERLOCK              ** N/SHIFTER INTERLOCK           </div>				CAV	CIR	GAUGE	COLOR	TERM	2B	A#110	18	TN	1661224C1	2B*	A#A142	18	WH	1661224C1	3	A#12B/A#12BA	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	<b>CABLE PARK BRAKE INTERCONNECT (1107)</b> (LOCATED AT ABOVE ACCELERATOR PEDAL)  <div style="margin-top: 10px;">             CONNECTOR: 1661259C1              BODY LOCK: 1661263C1              PLUG: N/A           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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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<b>CABLE PARK BRAKE INTERCONNECT (1107F)</b> (LOCATED AT ABOVE ACCELERATOR PEDAL)  <div style="margin-top: 10px;">             CONNECTOR: 1661260C1              BODY LOCK: 1661264C1              PLUG: N/A           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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	<b>CABLE PARK BRAKE SWITCH (1108)</b> (LOCATED NEAR DRIVERS SEAT)  <div style="margin-top: 10px;">             CONNECTOR: 1661259C1              BODY LOCK: 1661263C1              PLUG: N/A           </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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 95 Connector Composites (1100), (1101), (1104), (1105), (1106), (1107), (1107F), (1108)



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

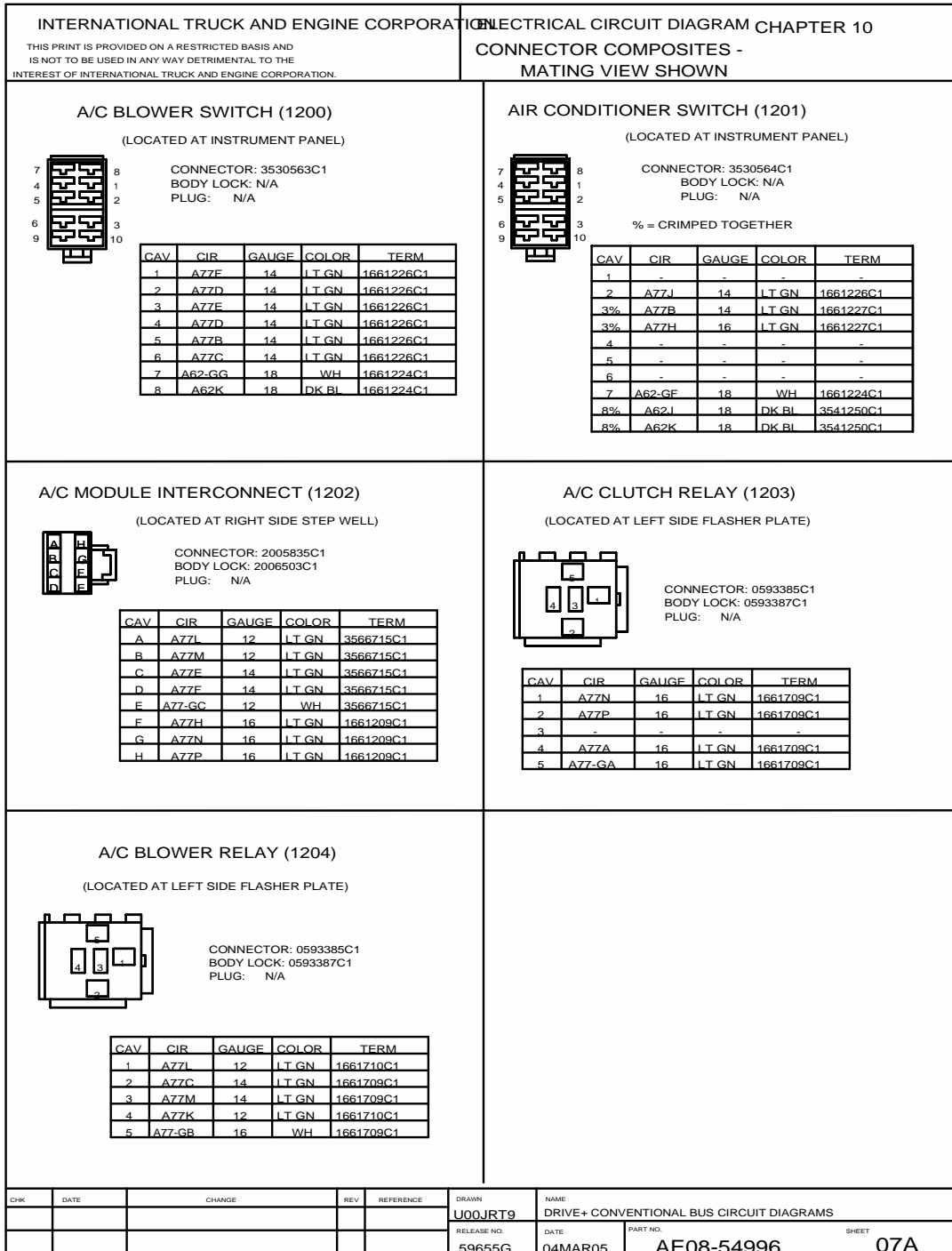


Figure 96 Connector Composites (1200), (1201), (1202), (1203), (1204)



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





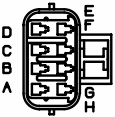



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<b>BRAKE MONITOR LEFT FRONT SENSOR (1400)</b> (LOCATED AT INSIDE MIDDLE DASH PANEL)				<b>BRAKE MONITOR RIGHT FRONT SENSOR (1401)</b> (LOCATED AT INSIDE MIDDLE DASH PANEL)																																																																																																																										
																																																																																																																														
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4	A5AL (+)	18	YL	2018639C1																																																																																																																										
5	A5AM (-)	18	GN	2018639C1																																																																																																																										
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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: 2006503C1 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>A62G</td><td>18</td><td>DK BL</td><td>0587576C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>A62-GC</td><td>18</td><td>WH</td><td>0587576C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	A62G	18	DK BL	0587576C1	1652325C1	B	A62-GC	18	WH	0587576C1	1652325C1	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D</td><td>A31B</td><td>18</td><td>TN</td><td>1661208C1</td></tr> <tr><td>E</td><td>A31C</td><td>18</td><td>TN</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> <tr><td>H</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	-	-	-	-	B	-	-	-	-	C	-	-	-	-	D	A31B	18	TN	1661208C1	E	A31C	18	TN	1661208C1	F	-	-	-	-	G	-	-	-	-	H	-	-	-	-																																																								
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Figure 97 Connector Composites (1400), (1401), (1402), (1403), (1404), (1500), (1501), (1555)

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

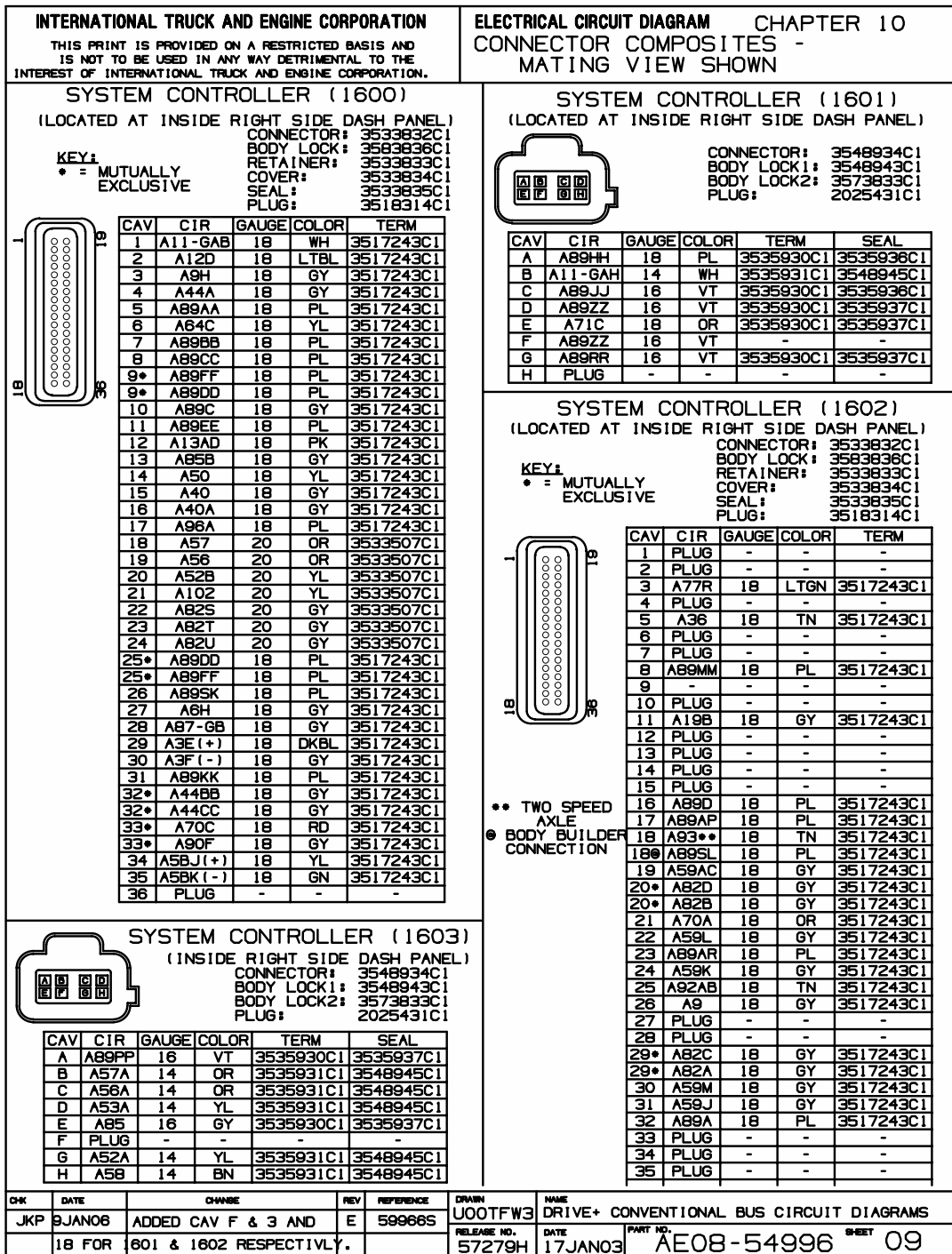


Figure 98 Connector Composites (1600), (1601), (1602), (1603)

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




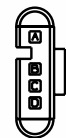


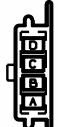
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 <p>CONNECTOR: 3548933C            BODY LOCK1: 3548943C            BODY LOCK2: 3573833C            PLUG: 2025431C</p> <p><b>KEY:</b>            • : MUTUALLY EXCLUSIVE</p> <table border="1" style="width: 100%; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>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	-	-	-	-	 <p>CONNECTOR: 3544066C            BODY LOCK: N/A            PLUG: N/A</p> <table border="1" style="width: 100%; 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>A98-G</td><td>16</td><td>WH</td><td>1651968C</td></tr> <tr><td>B</td><td>A98</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	A98-G	16	WH	1651968C	B	A98	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)				<b>CLUTCH SWITCH (1807)</b> (LOCATED ABOVE ACCELERATOR PEDAL)																																																																																																																							
 <p>CONNECTOR: 1667741C            BODY LOCK: 1667771C            PLUG: 2025431C</p> <table border="1" style="width: 100%; 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>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	 <p>CONNECTOR: 3540757C            BODY LOCK: 3540758C            PLUG: 2025431C</p> <table border="1" style="width: 100%; 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>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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 <p>CONNECTOR: 1687790C            BODY LOCK: N/A            PLUG: 1687788C</p> <table border="1" style="width: 100%; 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>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	 <p>CONNECTOR: 2016703C            BODY LOCK: 2016704C            PLUG: N/A</p> <table border="1" style="width: 100%; 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>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)				 <p>CONNECTOR: 3547870C            BODY LOCK: 3515764C            PLUG: N/A</p> <table border="1" style="width: 100%; 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>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 99 Connector Composites (1604), (1650), (1657), (1804), (1807), (1808), (1809)

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

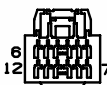






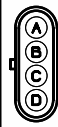
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<b>TURN SIGNAL SWITCH (1810)</b> (LOCATED AT STEERING COLUMN)  <div style="float: right; text-align: right;">             CONNECTOR: 3539212C1              BODY LOCK: N/A              PLUG: N/A           </div> <table border="1" style="width: 100%; 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>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>				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	<b>PRIMARY AIR PRESSURE SENSOR (1811)</b> (LOCATED NEAR BRAKE PEDAL)  <div style="float: right; text-align: right;">             CONNECTOR: 1678137C1              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>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>				CAV	CIR	GAUGE	COLOR	TERM	A	A9VC	18	GY	1651943C1	B	A6HB	18	GY	1651943C1	C	A40	18	GY	1651943C1								
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<b>AIR BRAKE STOP LIGHT #1 SWITCH (1823)</b> (LOCATED NEAR BRAKE PEDAL)  <div style="float: right; text-align: right;">             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>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>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	C	A70CA	18	OR	1661875C1	1661872C1	D	A9VG	18	GY	1661875C1	1661872C1	<b>SECONDARY AIR PRESSURE SENSOR (1812)</b> (LOCATED NEAR BRAKE PEDAL)  <div style="float: right; text-align: right;">             CONNECTOR: 1678137C1              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>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>				CAV	CIR	GAUGE	COLOR	TERM	A	A9VE	18	GY	1651943C1	B	A6HA	18	GY	1651943C1	C	A40A	18	GY	1651943C1																																																							
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<b>AIR BRAKE STOP LIGHT #2 SWITCH (1824)</b> (LOCATED NEAR BRAKE PEDAL)  <div style="float: right; text-align: right;">             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>A70CB</td><td>18</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>A9VH</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	C	A70CB	18	OR	1661875C1	1661872C1	D	A9VH	18	GY	1661875C1	1661872C1	<b>MD XMSN PRIMARY SHIFT SELECTOR (1829)</b> (LOCATED AT INSTRUMENT WING PANEL)  <div style="float: right; text-align: right;">             CONNECTOR: 3522536C91              BODY LOCK: 3518287C1              PLUG: 3518314C1           </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>A#170</td><td>18</td><td>OR</td><td>3517243C1</td></tr> <tr><td>B</td><td>A#171</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>C</td><td>A#172</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>D</td><td>A#173</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>E</td><td>A#174</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>L</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>M</td><td>A#175</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>N</td><td>A#124</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>P</td><td>A#143</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>R</td><td>A#136</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>S</td><td>A#180</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>T</td><td>A#186</td><td>18</td><td>WH</td><td>3517243C1</td></tr> <tr><td>U</td><td>A62C</td><td>18</td><td>DK BL</td><td>3517243C1</td></tr> <tr><td>V</td><td>A#188</td><td>18</td><td>WH</td><td>3517243C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	A#170	18	OR	3517243C1	B	A#171	18	TN	3517243C1	C	A#172	18	TN	3517243C1	D	A#173	18	TN	3517243C1	E	A#174	18	TN	3517243C1	L	PLUG	-	-	-	M	A#175	18	TN	3517243C1	N	A#124	18	TN	3517243C1	P	A#143	18	TN	3517243C1	R	A#136	18	TN	3517243C1	S	A#180	18	TN	3517243C1	T	A#186	18	WH	3517243C1	U	A62C	18	DK BL	3517243C1	V	A#188	18	WH	3517243C1
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<b>LCT SHIFT CONTROL (1828)</b> (LOCATED AT INSTRUMENT WING PANEL)  <div style="float: right; text-align: right;">             CONNECTOR: 1661196C1              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>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>				CAV	CIR	GAUGE	COLOR	TERM	A	A92AB	18	TN	1661208C1	B	A92	18	TN	1661208C1	<b>LCT XMSN PARK SWITCH/PANEL LIGHT (1830)</b> (LOCATED AT INSTRUMENT WING PANEL) CONNECTOR: 0587571C91  <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>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>				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 100 Connector Composites (1810), (1811), (1812), (1823), (1824), (1828), (1829), (1830)

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

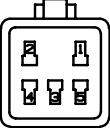
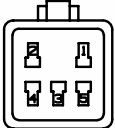
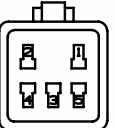
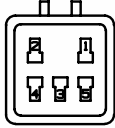
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 <p>CONNECTOR: 3512331C91 BODY LOCK: 3515185C1 PLUG: 0587579C1</p> <p><b>KEY:</b> * = MUTUALLY EXCLUSIVE</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>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	<p><b>STARTER ISO &amp; POWER RELAY (4003)</b> (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)</p>																																	
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Figure 101 Connector Composites (4003), (4005), (4006), (4009), (4010), (4011)

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


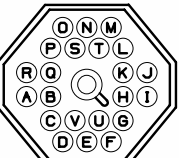
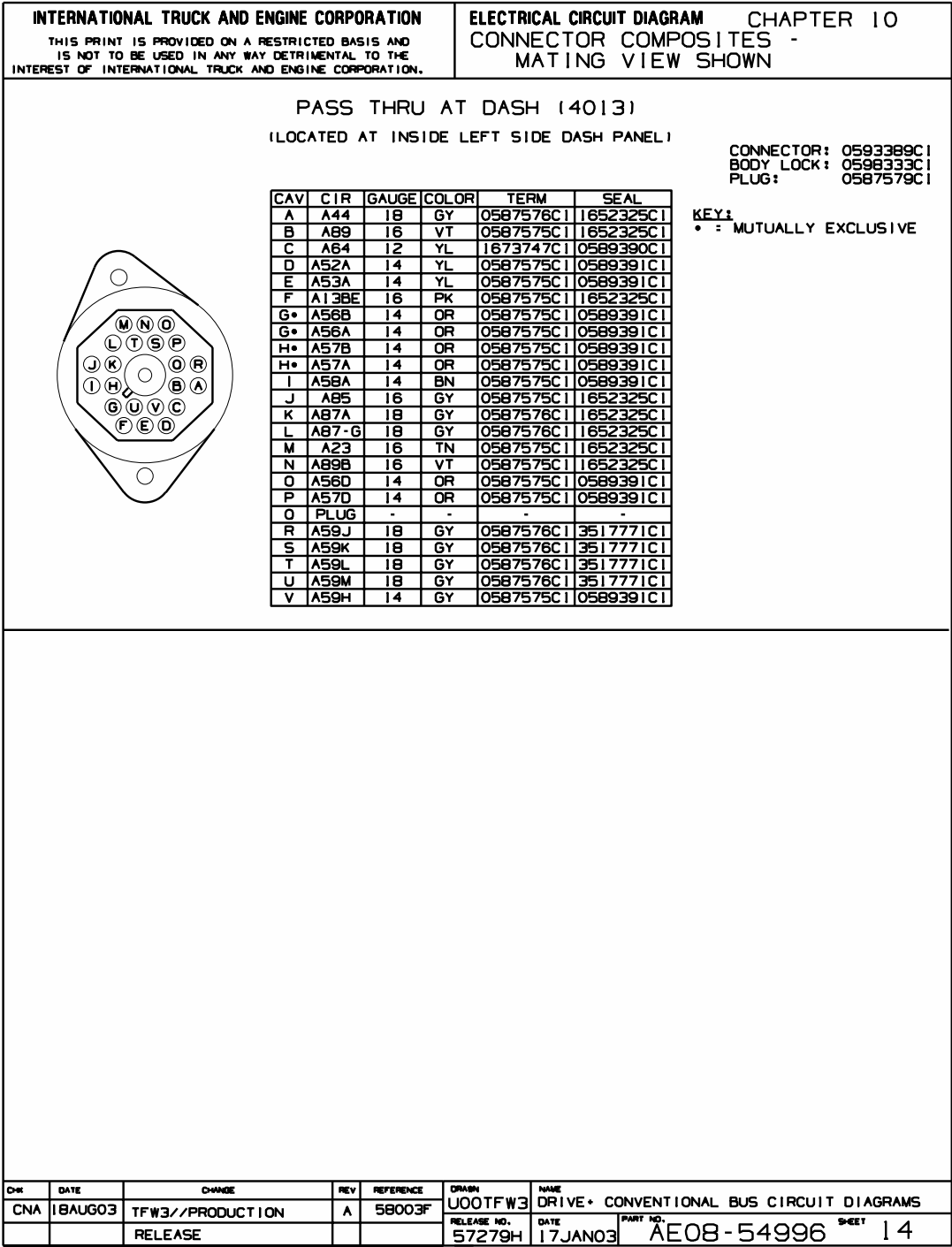
<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																																																																																																																																																				
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O	PLUG	-	-	-	-																																																																																																																																																																																			
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R	K59J	18	GY	0587578C1	1652325C1																																																																																																																																																																																			
S	K59K	18	GY	0587578C1	1652325C1																																																																																																																																																																																			
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Figure 102 Connector Composite (4013M)

10.14. CONNECTOR COMPOSITE (4013), P. 14



CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	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 103 Connector Composite (4013)



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

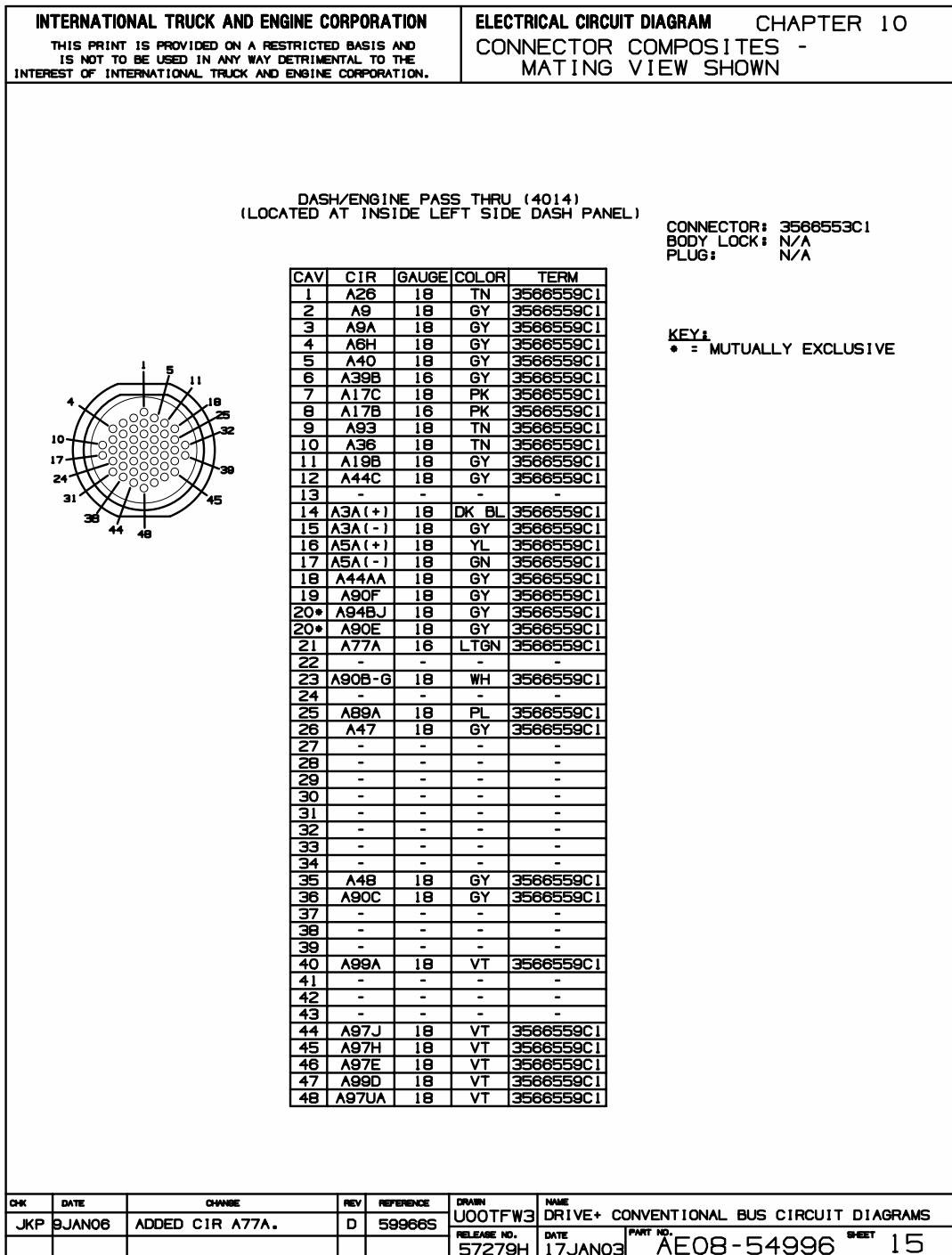


Figure 104 Connector Composite (4014)

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

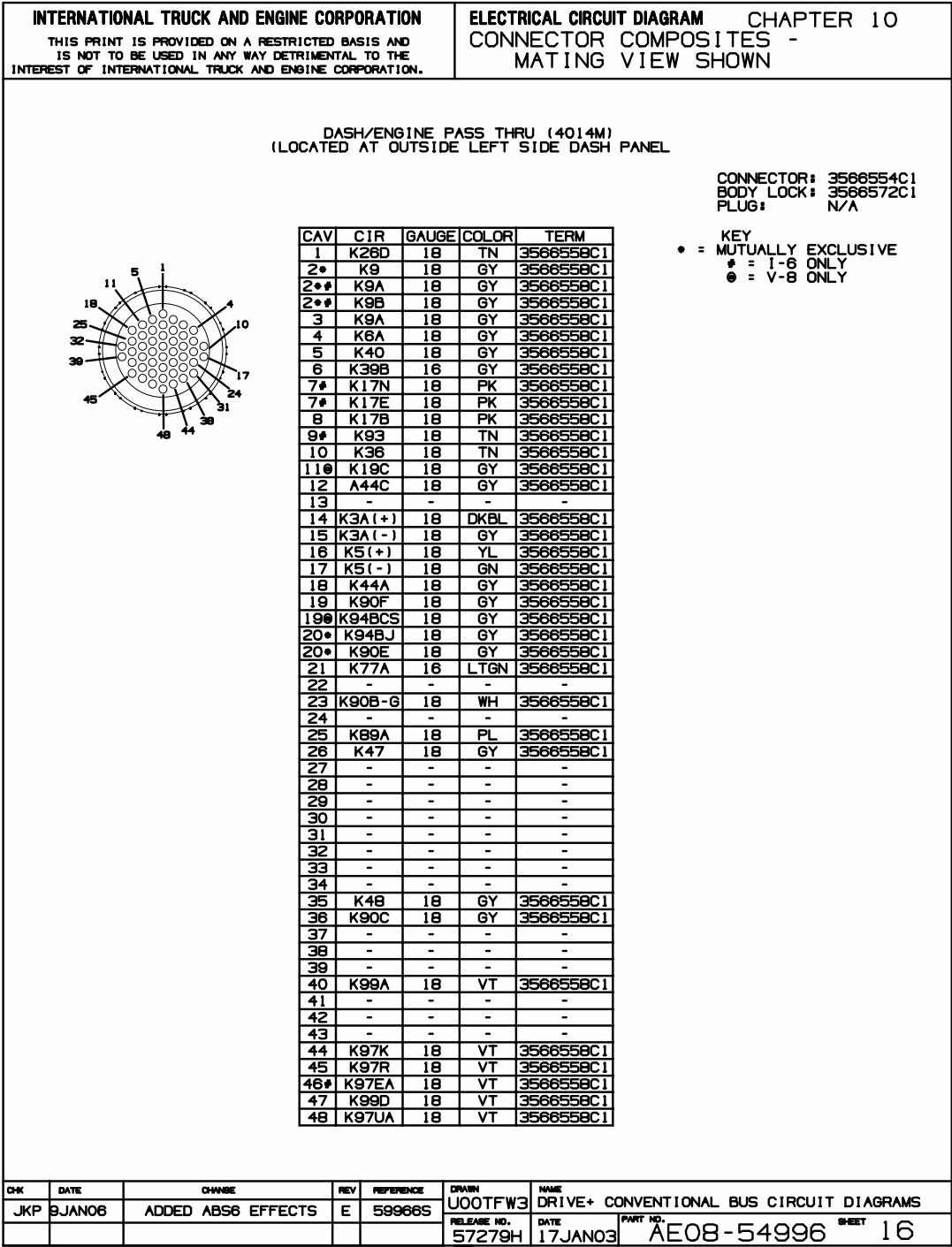


Figure 105 Connector Composite (4014M)

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


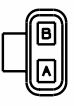
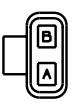
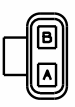
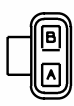

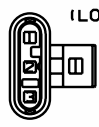
<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																											
<b>AIR DRYER/DRAIN VALVE RELAY (4016)</b> (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)				<b>AIR DRYER/DRAIN VALVE FUSE (4017)</b> (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)																																																											
 <div style="margin-left: 20px;">             CONNECTOR: 3512331C9I              BODY LOCK: 3515185C1              PLUG: 0587579C1           </div>				 <div style="margin-left: 20px;">             CONNECTOR: 1667639C1              BODY LOCK: N/A              PLUG: 1675451C1           </div>																																																											
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CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DRIVE - CONVENTIONAL BUS CIRCUIT DIAGRAMS																																																								
CNA	7JAN04	MBC3/ADDED 4020, K97H	C	59005Y	UOOTFW3	DATE	PART NO.																																																								
	WAS K97H	B: K97HD WAS K97PA.			57279H	17JAN03	AE08-54996																																																								
						SHEET	17																																																								

Figure 106 Connector Composites (4016), (4017), (4018), (4019), (4020), (4034), (4036)

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

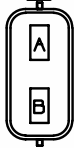

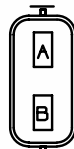
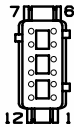
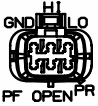
<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		<b>ELECTRICAL CIRCUIT DIAGRAM</b> CHAPTER 10 <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																																																																												
<b>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%; 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>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> </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%; 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>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> </table>		CAV	CIR	GAUGE	COLOR	TERM	A	K14F	10	RD	1661708C1	B	K94LA	10	GY	1661708C1																																																																										
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B	K94LA	10	GY	1661708C1																																																																																																										
<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><b>KEY:</b> * = MUTUALLY EXCLUSIVE</p> <table border="1" style="width: 100%; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th><th>NOTES</th></tr> <tr><td>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> </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>PYROMETER/AMMETER MODULE (4087)</b> (LOCATED OUTSIDE RIGHT SIDE DASH PANEL)  <div style="float: right; text-align: right;">           CONNECTOR: 3553404C1            BODY LOCK: 3553480C1            PLUG: 3527276C1         </div> <table border="1" style="width: 100%; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>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> </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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12	K19-GP	18	WH	3518963C1																																																																																																										
<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%; 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>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> </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	<table border="1" style="width: 100%; font-size: 8px;"> <tr><th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRAWN</th><th>NAME</th></tr> <tr><td>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> <tr><td colspan="4"></td><td>RELEASE NO.</td><td>DATE</td><td>PART NO.</td></tr> <tr><td colspan="4"></td><td>57279H</td><td>17JAN03</td><td>AE08-54996</td></tr> </table> <div style="text-align: right; font-weight: bold; font-size: 12px;">18</div>		CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	JKP	9JAN06	ADDED ABS6 EFFECTS	B	59966S	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS					RELEASE NO.	DATE	PART NO.					57279H	17JAN03	AE08-54996																																											
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				57279H	17JAN03	AE08-54996																																																																																																								

Figure 107 Connector Composites (4039), (4040), (4041), (4046), (4087)

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

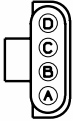



<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</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;"> <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>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> </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;"> <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>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> </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																																																		
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																																																		
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																		
A	N64A	14	YL	0587577C1	0589391C1																																																		
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;"> <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>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> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N64B	14	YL	0587577C1	0589391C1	B	N64B-G	14	WH	0587577C1	0589391C1																																		
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																		
A	N64B	14	YL	0587577C1	0589391C1																																																		
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;"> <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>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> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N87-G	18	GY	1661875C1	3568570C1	B	N87A	18	GY	1661875C1	3568570C1																																		
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																		
A	N87-G	18	GY	1661875C1	3568570C1																																																		
B	N87A	18	GY	1661875C1	3568570C1																																																		
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CNA	18AUG03	TFW3//PRODUCTION	A	58003F	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																																	
RELEASE					RELEASE NO. 57279H	DATE 17JAN03																																																	
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Figure 108 Connector Composites (4301), (4302), (4303), (4500)

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

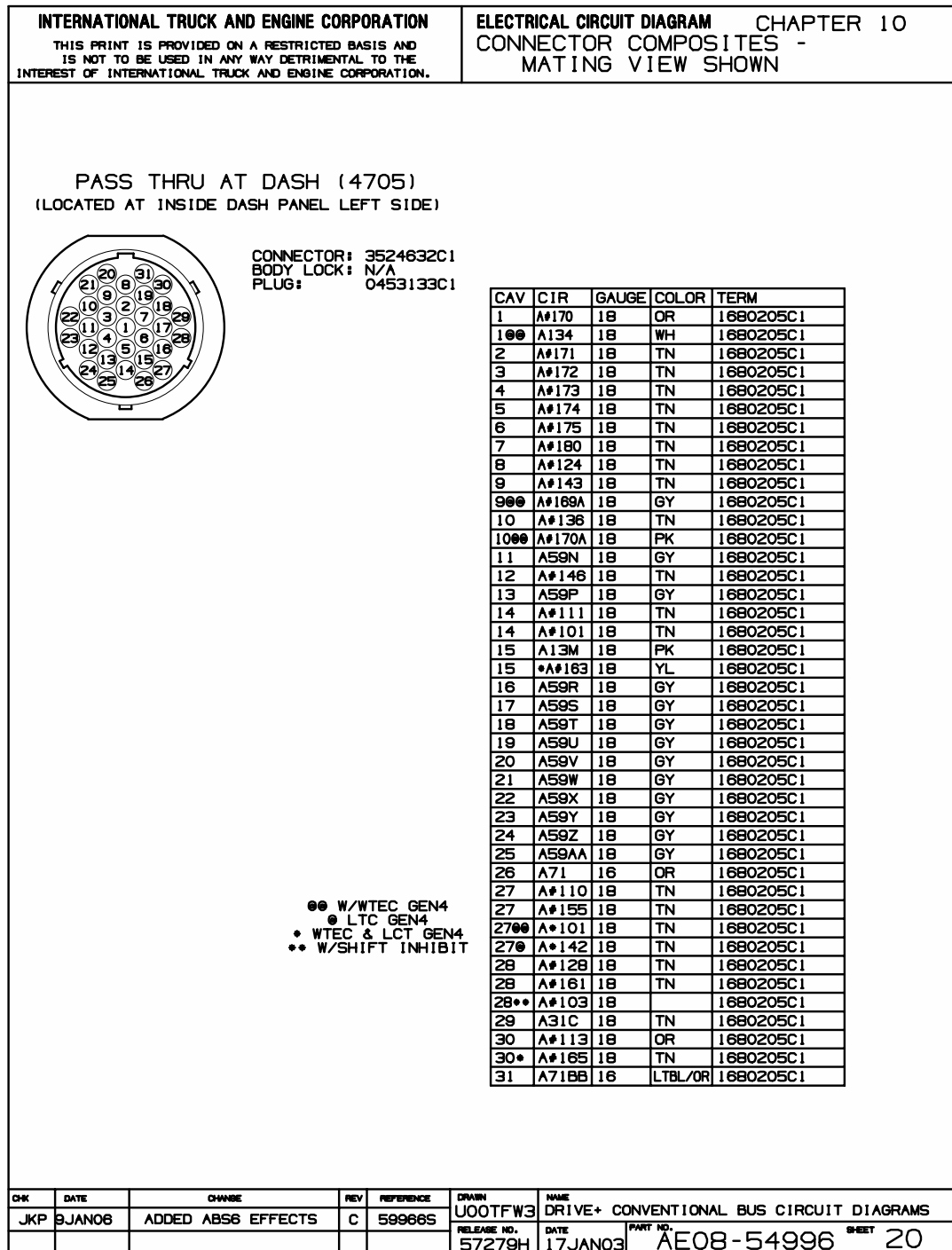


Figure 109 Connector Composite (4705)

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

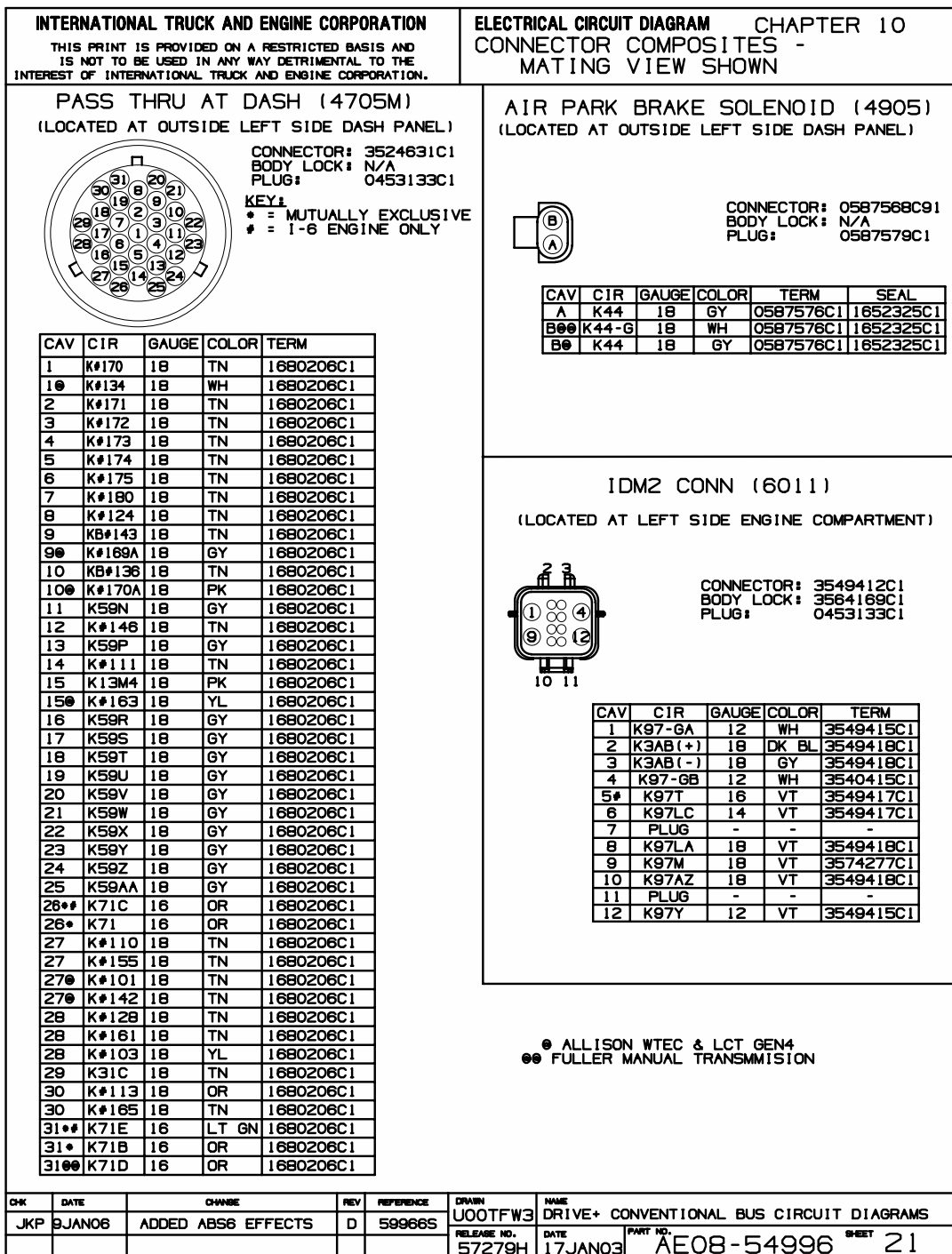


Figure 110 Connector Composites (4705M), (4905), (6011)



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

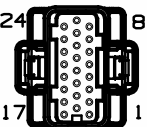
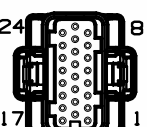
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																																																							
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<p>ECM2 CONN - X3 (6020) (LOCATED AT ENGINE COMPARTMENT AT ECM)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 3562311C1 BODY LOCK: N/A PLUG: 3562316C1</p> </div> </div> <p>• = MUTUALLY EXCLUSIVE * = I-6 ENGINE ONLY</p> <p>⊙ 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-GV</td><td>16</td><td>WH</td><td>3562315C1</td></tr> <tr><td>7</td><td>K97-GW</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-GA</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-GV	16	WH	3562315C1	7	K97-GW	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-GA	16	WH	3562315C1	23*	K17S	18	PK	3562314C1	23*	K17L	18	PK	3562314C1	24	K97K	18	VT	3562314C1
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<p>ECM2 CONN - X4 (6021) (V-8 ONLY) (LOCATED AT ENGINE COMPARTMENT AT ECM)</p> <div style="display: flex; align-items: center; justify-content: center;">  </div> <p>KEY: 1 • = MUTUALLY EXCLUSIVE</p> <p>CONNECTOR: 3562312C1 BODY LOCK: N/A PLUG: 3562316C1</p> <p style="text-align: right;">⊙ ALLISON GEN IV ⊙ FULLER MANUAL XMSN</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>K97F</td><td>16</td><td>VT</td><td>3562315C1</td></tr> <tr><td>2</td><td>K97Z</td><td>16</td><td>VT</td><td>3562315C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>K97R</td><td>18</td><td>VT</td><td>3562314C1</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>-</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>K#47A</td><td>18</td><td>GY</td><td>3562314C1</td></tr> <tr><td>10*</td><td>K#157</td><td>18</td><td>GY</td><td>3562314C1</td></tr> <tr><td>10*</td><td>K#126</td><td>18</td><td>VT</td><td>3562314C1</td></tr> <tr><td>10*</td><td>K#125</td><td>18</td><td>TN</td><td>3562314C1</td></tr> <tr><td>10*</td><td>K#47</td><td>18</td><td>GY</td><td>3562314C1</td></tr> <tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>12</td><td>K99D</td><td>18</td><td>VT</td><td>3562314C1</td></tr> <tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>14</td><td>K23A</td><td>18</td><td>TN</td><td>3562314C1</td></tr> <tr><td>15</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>16</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>17</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>18</td><td>K99A</td><td>18</td><td>VT</td><td>3562314C1</td></tr> <tr><td>19</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>20</td><td>K3AA(+)</td><td>18</td><td>DK BL</td><td>3562314C1</td></tr> <tr><td>21</td><td>K3AA(-)</td><td>18</td><td>GY</td><td>3562314C1</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>K97E</td><td>18</td><td>VT</td><td>3562314C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERM	1	K97F	16	VT	3562315C1	2	K97Z	16	VT	3562315C1	3	PLUG	-	-	-	4	K97R	18	VT	3562314C1	5	PLUG	-	-	-	6	PLUG	-	-	-	7	PLUG	-	-	-	8	PLUG	-	-	-	9	K#47A	18	GY	3562314C1	10*	K#157	18	GY	3562314C1	10*	K#126	18	VT	3562314C1	10*	K#125	18	TN	3562314C1	10*	K#47	18	GY	3562314C1	11	PLUG	-	-	-	12	K99D	18	VT	3562314C1	13	PLUG	-	-	-	14	K23A	18	TN	3562314C1	15	PLUG	-	-	-	16	PLUG	-	-	-	17	PLUG	-	-	-	18	K99A	18	VT	3562314C1	19	PLUG	-	-	-	20	K3AA(+)	18	DK BL	3562314C1	21	K3AA(-)	18	GY	3562314C1	22	PLUG	-	-	-	23	PLUG	-	-	-	24	K97E	18	VT	3562314C1										
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Figure 111 Connector Composites (6020), (6021)

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



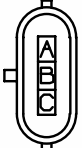



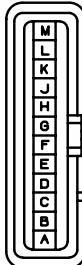
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<b>THERMAL OVERCRANK PROTECTION (6316)</b> (LOCATED AT STARTER)  CONNECTOR: 2036583C1 BODY LOCK: N/A PLUG: N/A <table border="1" style="width: 100%; margin-top: 10px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><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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A	K26B	18	TN	2033911C1	1652325C1																																																																														
<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>2033816C1</td><td>0589391C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N26B	14	TN	2033816C1	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>2033819C1</td><td>1652325C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K26A	18	TN	2033819C1	1652325C1																																																				
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A	K26A	18	TN	2033819C1	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: 45%;"> <b>KEY:</b>            * = I-6 ENGINE ONLY         </div> <div style="width: 45%;">           CONNECTOR: 3543730C1            BODY LOCK: 3543732C1            PLUG: 3535425C1            BUS BAR COVER: 3543735C1         </div> </div> <div style="display: flex; align-items: flex-start; margin-top: 10px;">  <table border="1" style="width: 85%;"> <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>						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																																																																														
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<b>CHK</b>	<b>DATE</b>	<b>CHANGE</b>	<b>REV</b>	<b>REFERENCE</b>	<b>DRAWN</b>	<b>NAME</b>																																																																													
CNA	2MAR05	ADDED K77-G TO 6350.	C	598556	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																																																													
					RELEASE NO. 57279H	DATE 17JAN03 PART NO. AE08-54996 SHEET 23																																																																													

Figure 112 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> <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>																																				
<b>LOW COOLANT SENSOR (6400)</b> (LOCATED AT ENGINE COMPARTMENT NEAR SURGE TANK)   <div style="float: right; text-align: right;">             CONNECTOR: 2036583C1              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>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> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	K34A	18	TN	2036586C1	B	K34-G	16	WH	2036586C1																						
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<b>FAN AIR SOLENOID (6407)</b> (LOCATED AT OUTSIDE LEFT SIDE DASH PANEL)   <div style="float: right; text-align: right;">             CONNECTOR: 1671610C1              BODY LOCK: 1671608C1              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>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> </tbody> </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="float: right; text-align: right;">             CONNECTOR: 1689462C1              BODY LOCK: 1689463C1              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>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> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	K97T	16	VT	1689464C1	B	K97S	16	VT	1689464C1	<b>FUEL FILTER PREHEATER (6708)</b> (1-6 ONLY)  (LOCATED AT ENGINE COMPARTMENT FUEL FILTER)   <div style="float: right; text-align: right;">             CONNECTOR: 3578645C1              BODY LOCK: N/A              PLUG: 3532129C1           </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>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> </tbody> </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																																			
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2	K19-GB	14	WH	3559035C1	3575783C1																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>CNA</td> <td>13JAN05</td> <td>RMVD ELEC FAN 6406</td> <td>C</td> <td>59478T</td> <td>U00TFW3</td> <td>DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO.</td> <td>DATE</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>57279H</td> <td>17JAN03</td> </tr> </tbody> </table>				CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA	13JAN05	RMVD ELEC FAN 6406	C	59478T	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS						RELEASE NO.	DATE						57279H	17JAN03	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PART NO.</th> <th>SHEET</th> </tr> </thead> <tbody> <tr> <td>AE08-54996</td> <td>24</td> </tr> </tbody> </table>				PART NO.	SHEET	AE08-54996	24	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																		
CNA	13JAN05	RMVD ELEC FAN 6406	C	59478T	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																		
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AE08-54996	24																																							

Figure 113 Connector Composites (6400), (6407), (6703), (6708)

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






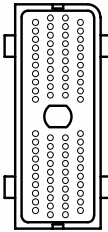
<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																											
<b>FUEL HEATER (6709)</b> (LOCATED AT ENGINE COMPARTMENT FUEL FILTER)  <div style="float: right; text-align: right;">           CONNECTOR: 3562853C1            BODY LOCK: N/A            PLUG: 3548254C1         </div> <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)  <div style="float: right; text-align: right;">           CONNECTOR: 1678137C1            BODY LOCK: N/A            PLUG: N/A         </div> <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																																								
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<div style="height: 100px;"></div>		<b>ECM2 CLEAN POWER AND GROUND (7104M)</b> (LOCATED AT BATTERY CABLES)  <div style="float: right; text-align: right;">           CONNECTOR: 1671610C1            BODY LOCK: 1671608C1            PLUG: 0587579C1         </div> <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																								
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B	N92-G	12	WH	2033816C1	0589390C1																																								
<b>ECM2 CLEAN POWER AND GROUND (7104F)</b> (LOCATED AT BATTERY CABLES)  <div style="float: right; text-align: right;">           CONNECTOR: 1671611C1            BODY LOCK: 1671608C1            PLUG: 0587579C1         </div> <div style="clear: both;"></div> <p><b>KEY:</b> • = MUTUALLY EXCLUSIVE</p> <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																		
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B	K92-G	10	WH	1687848C1	0589390C1																																								
<b>XMSN POWERED GND (7104FA)</b>  <div style="float: right; text-align: right;">           CONNECTOR: 1671611C1            BODY LOCK: 1671608C1            PLUG: 0587579C1         </div> <div style="clear: both;"></div> <p><b>KEY:</b> • = MUTUALLY EXCLUSIVE</p> <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																											
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					57279H	17JAN03																																							
					PART NO.	SHEET																																							
					AE08-54996	25																																							

Figure 114 Connector Composites (6709), (6715), (7104M), (7104F), (7104FA)

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10 CONNECTOR COMPOSITES - MATING VIEW SHOWN					
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.									
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>ALLISON TCM TRANSMISSION (7150)</p>  </div> <div style="text-align: left;"> <p>CONNECTOR: 3605713C1 BODY LOCK: 3606525C1 PLUG: N/A</p> </div> </div>									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
41	K#141	18	TN	3606047C1	1	K#101	18	LT BL	3606047C1
42	K#142	18	TN	3606047C1	2	-	-	-	-
43	-	-	-	-	3	K#103	18	YL	3606047C1
44	-	-	-	-	4	-	-	-	-
45	-	-	-	-	5	-	-	-	-
46	-	-	-	-	6	-	-	-	-
47	-	-	-	-	7	-	-	-	-
48	-	-	-	-	8	K5CC(-)	18	GN	3606047C1
49	-	-	-	-	9	K#109	18	GY	3606047C1
50	-	-	-	-	10	K#110	18	PK	3606047C1
51	K#151	18	WH	3606047C1	11	K#111	18	OR	3606047C1
52	K#152	18	LT GN	3606047C1	12	K#112	18	PK	3606047C1
53	K#153	18	YL	3606047C1	13	-	-	-	-
54	K#154	18	TN	3606047C1	14	K#114	18	GY	3606047C1
55	K#155	18	WH	3606047C1	15	-	-	-	-
56	-	-	-	-	16	K#116	18	LT BL	3606047C1
57	K#157	18	WH	3606047C1	17	K#117	18	LT BL	3606047C1
58	K#158	18	LT GN	3606047C1	18	-	-	-	-
59	K#159	18	TN	3606047C1	19	-	-	-	-
60	K#160	18	YL	3606047C1	20	K#120	18	LT BL	3606047C1
61	-	-	-	-	21	-	-	-	-
62	-	-	-	-	22	-	-	-	-
63	K#163	18	YL	3606047C1	23	-	-	-	-
64	-	-	-	-	24	-	-	-	-
65	K#165	18	TN	3606047C1	25	K#125	18	TN	3606047C1
66	-	-	-	-	26	-	-	-	-
67	-	-	-	-	27	-	-	-	-
68	-	-	-	-	28	K5CC(+)	18	YL	3606047C1
69	K#169	18	GY	3606047C1	29	-	-	-	-
70	K#170	18	PK	3606047C1	30	-	-	-	-
71	K#171	18	YL	3606047C1	31	K#131	18	YL	3606047C1
72	-	-	-	-	32	-	-	-	-
73	K#173	18	LT BL	3606047C1	33	K#133	18	YL	3606047C1
74	K#174	18	LT BL	3606047C1	34	K#134	18	WH	3606047C1
75	-	-	-	-	35	-	-	-	-
76	K#176	18	YL	3606047C1	36	K#136	18	OR	3606047C1
77	K#177	18	LT GN	3606047C1	37	K#137	18	WH	3606047C1
78	K#178	18	WH	3606047C1	38	K#138	18	OR	3606047C1
79	K#179	18	PK	3606047C1	39	K#139	18	OR	3606047C1
80	K#180	18	OR	3606047C1	40	K#140	18	LT GN	3606047C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00AXPC	NAME DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS
					RELEASE NO. 59966S	DATE 17 JAN03
					PART NO. AE08-54996	SHEET 25A

Figure 115 Connector Composite (7150)

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

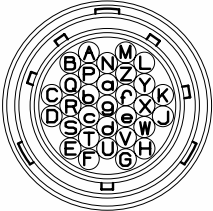
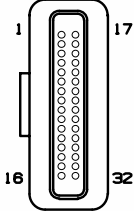
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																																																																																																																																																																																																																																								
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)  CONNECTOR: 3508926C1 BODY LOCK: N/A PLUG: 0453133C1 COVER: 3508929C1 COVER: 3508930C1 GASKET: 3508931C1  				<b>MD ECU "V" CONNECTOR GRAY (7202)</b> (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)  CONNECTOR: 3517239C1 BODY LOCK: 3517246C1 PLUG: 3518314C1 COVER: 3517244C1 COVER: 3517240C1 SEAL: 3517245C1  																																																																																																																																																																																																																																																																																																																																								
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Figure 116 Connector Composites (7200), (7202)

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

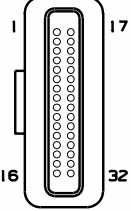
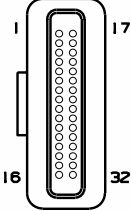
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																																																																																																																																																																																																																																													
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>MD ECU "T" CONNECTOR BLUE (7203)</b></p> <p style="text-align: center;">(LOCATED AT ENGINE COMPARTMENT TRANSMISSION)</p> <p>CONNECTOR: 3517241C            BODY LOCK: 3517246C            PLUG: 3518314C            COVER: 3517242C            COVER: 3517244C            SEAL: 3517245C</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>3517243C</td></tr> <tr><td>2</td><td>K#121</td><td>18</td><td>TN</td><td>3517243C</td></tr> <tr><td>3</td><td>K#107</td><td>18</td><td>TN</td><td>3517243C</td></tr> <tr><td>4</td><td>K#120</td><td>18</td><td>TN</td><td>3517243C</td></tr> <tr><td>5</td><td>K#103</td><td>18</td><td>TN</td><td>3517243C</td></tr> <tr><td>6</td><td>K#129</td><td>18</td><td>TN</td><td>3517243C</td></tr> <tr><td>7</td><td>K#104</td><td>18</td><td>TN</td><td>3517243C</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>3517243C</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>3517243C</td></tr> <tr><td>13</td><td>K#195</td><td>18</td><td>TN</td><td>3517243C</td></tr> <tr><td>14</td><td>K#141</td><td>18</td><td>GY</td><td>3517243C</td></tr> <tr><td>15</td><td>K#149</td><td>18</td><td>TN</td><td>3517243C</td></tr> <tr><td>16</td><td>K#139</td><td>18</td><td>GY</td><td>3517243C</td></tr> <tr><td>17</td><td>K#130</td><td>18</td><td>TN</td><td>3517243C</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>3517243C</td></tr> <tr><td>21</td><td>K#131</td><td>18</td><td>TN</td><td>3517243C</td></tr> <tr><td>22</td><td>K#110</td><td>18</td><td>TN</td><td>3517243C</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>3517243C</td></tr> <tr><td>26</td><td>K#165</td><td>18</td><td>TN</td><td>3517243C</td></tr> <tr><td>27</td><td>K#147</td><td>18</td><td>TN</td><td>3517243C</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>3517243C</td></tr> <tr><td>31</td><td>K#140</td><td>18</td><td>TN</td><td>3517243C</td></tr> <tr><td>32</td><td>K#148</td><td>18</td><td>GY</td><td>3517243C</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	K#102	18	TN	3517243C	2	K#121	18	TN	3517243C	3	K#107	18	TN	3517243C	4	K#120	18	TN	3517243C	5	K#103	18	TN	3517243C	6	K#129	18	TN	3517243C	7	K#104	18	TN	3517243C	8	PLUG	-	-	-	9	KA#124	18	TN	3517243C	10	PLUG	-	-	-	11	PLUG	-	-	-	12	K#162	18	TN	3517243C	13	K#195	18	TN	3517243C	14	K#141	18	GY	3517243C	15	K#149	18	TN	3517243C	16	K#139	18	GY	3517243C	17	K#130	18	TN	3517243C	18	PLUG	-	-	-	19	PLUG	-	-	-	20	K#128	18	TN	3517243C	21	K#131	18	TN	3517243C	22	K#110	18	TN	3517243C	23	PLUG	-	-	-	24	PLUG	-	-	-	25	K#135	18	TN	3517243C	26	K#165	18	TN	3517243C	27	K#147	18	TN	3517243C	28	PLUG	-	-	-	29	PLUG	-	-	-	30	K#150	18	GY	3517243C	31	K#140	18	TN	3517243C	32	K#148	18	GY	3517243C	<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: 3517237C            BODY LOCK: 3517246C            PLUG: 3518314C            COVER: 3517238C            COVER: 3517244C            SEAL: 3517245C</p> <div style="text-align: center;">  </div> <table border="1" style="width: 100%; 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Figure 117 Connector Composites (7203), (7204)



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


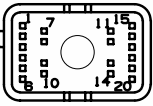
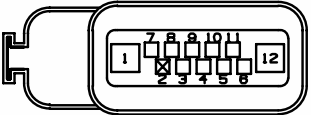
<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																																																																																																																																																																											
<b>LCT TRANSMISSION BULKHEAD (7300)</b> (LOCATED AT ENGINE COMPARTMENT TRANSMISSION) <div style="display: flex; align-items: center; margin-top: 10px;">  <div style="margin-left: 20px;"> <b>CONNECTOR:</b> 3522537C9I  <b>BODY LOCK:</b> 3518287C1  <b>PLUG:</b> 3518314C1           </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>A</td><td>K#226</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>B</td><td>K#227</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>C</td><td>K#231</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>D</td><td>K#201</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>E</td><td>K#203</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>F</td><td>K#202</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>G</td><td>K#210</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>H</td><td>K#220B</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>J</td><td>K#229</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>K</td><td>K#204</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>L</td><td>K#222</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>M</td><td>K#223</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>N</td><td>K#224</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>P</td><td>K#225</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>R</td><td>K#230</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>S</td><td>K#232</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>T</td><td>K#221</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>U</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>V</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>W</td><td>K#228</td><td>18</td><td>TN</td><td>3517243C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	A	K#226	18	TN	3517243C1	B	K#227	18	TN	3517243C1	C	K#231	18	TN	3517243C1	D	K#201	18	TN	3517243C1	E	K#203	18	TN	3517243C1	F	K#202	18	TN	3517243C1	G	K#210	18	TN	3517243C1	H	K#220B	18	TN	3517243C1	J	K#229	18	TN	3517243C1	K	K#204	18	TN	3517243C1	L	K#222	18	TN	3517243C1	M	K#223	18	TN	3517243C1	N	K#224	18	TN	3517243C1	P	K#225	18	TN	3517243C1	R	K#230	18	TN	3517243C1	S	K#232	18	TN	3517243C1	T	K#221	18	TN	3517243C1	U	PLUG	-	-	-	V	PLUG	-	-	-	W	K#228	18	TN	3517243C1	<b>WTEC XMSN BULKHEAD (7250)</b> <div style="display: flex; align-items: center; margin-top: 10px;">  <div style="margin-left: 20px;"> <b>CONNECTOR:</b> 3605715C1  <b>BODY LOCK:</b> 3606532C1  <b>PLUG:</b> N/A           </div> </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>1</td><td>K#111</td><td>18</td><td>OR</td><td>3606047C1</td></tr> <tr><td>2</td><td>K#155</td><td>18</td><td>WH</td><td>3606047C1</td></tr> <tr><td>3</td><td>K#177</td><td>18</td><td>LT GN</td><td>3606047C1</td></tr> <tr><td>4</td><td>K#136</td><td>18</td><td>OR</td><td>3606047C1</td></tr> <tr><td>5</td><td>K#152</td><td>18</td><td>LT GN</td><td>3606047C1</td></tr> <tr><td>6</td><td>K#171</td><td>18</td><td>YL</td><td>3606047C1</td></tr> <tr><td>8</td><td>K#174</td><td>18</td><td>LT BL</td><td>3606047C1</td></tr> <tr><td>9</td><td>K#133</td><td>18</td><td>YL</td><td>3606047C1</td></tr> <tr><td>10</td><td>K#151</td><td>18</td><td>WH</td><td>3606047C1</td></tr> <tr><td>11</td><td>K#131</td><td>18</td><td>YL</td><td>3606047C1</td></tr> <tr><td>12</td><td>K#137</td><td>18</td><td>WH</td><td>3606047C1</td></tr> <tr><td>13</td><td>K#180</td><td>18</td><td>OR</td><td>3606047C1</td></tr> <tr><td>14</td><td>K#120</td><td>18</td><td>LT BL</td><td>3606047C1</td></tr> <tr><td>15</td><td>K#116</td><td>18</td><td>LT BL</td><td>3606047C1</td></tr> <tr><td>16</td><td>K#112</td><td>18</td><td>PK</td><td>3606047C1</td></tr> <tr><td>18</td><td>K#154</td><td>18</td><td>TN</td><td>3606047C1</td></tr> <tr><td>19</td><td>K#158</td><td>18</td><td>LT GN</td><td>3606047C1</td></tr> <tr><td>20</td><td>K#176</td><td>18</td><td>YL</td><td>3606047C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K#111	18	OR	3606047C1	2	K#155	18	WH	3606047C1	3	K#177	18	LT GN	3606047C1	4	K#136	18	OR	3606047C1	5	K#152	18	LT GN	3606047C1	6	K#171	18	YL	3606047C1	8	K#174	18	LT BL	3606047C1	9	K#133	18	YL	3606047C1	10	K#151	18	WH	3606047C1	11	K#131	18	YL	3606047C1	12	K#137	18	WH	3606047C1	13	K#180	18	OR	3606047C1	14	K#120	18	LT BL	3606047C1	15	K#116	18	LT BL	3606047C1	16	K#112	18	PK	3606047C1	18	K#154	18	TN	3606047C1	19	K#158	18	LT GN	3606047C1	20	K#176	18	YL	3606047C1
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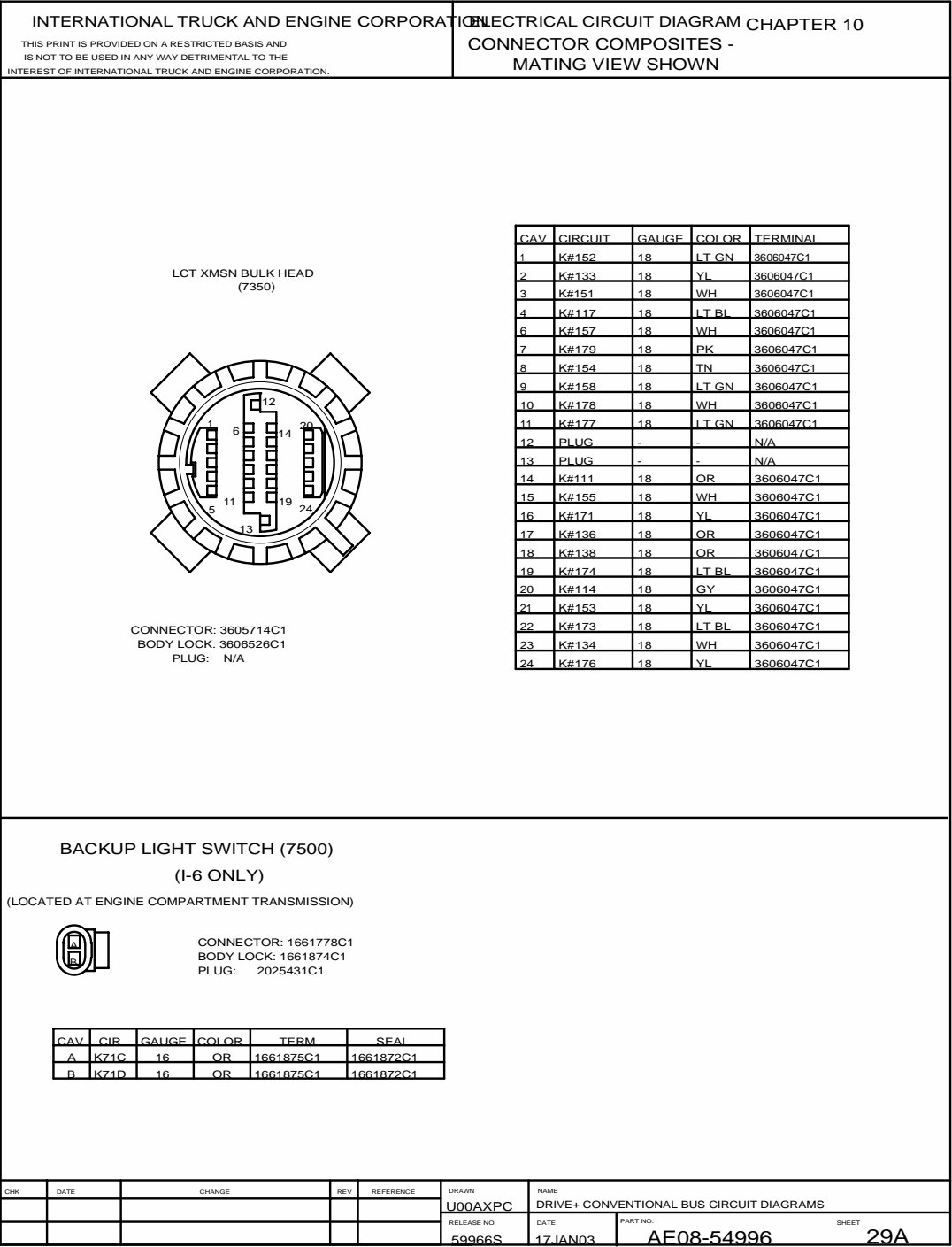
Figure 118 Connector Composites (7250), (7300), (7303)

## 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>             CONNECTOR: 3541172C91              BODY LOCK: N/A              PLUG: 3518314C1           </div> </div> <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>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; align-items: center;"> <div>             CONNECTOR: 3541171C91              BODY LOCK: N/A              PLUG: 3518314C1           </div> </div> <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>K#101</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>2</td><td>K#102</td><td>18</td><td>PK</td><td>3517243C1</td></tr> <tr><td>3</td><td>K#103</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>4</td><td>K#104</td><td>18</td><td>PK</td><td>3517243C1</td></tr> <tr><td>5</td><td>K#105</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>-</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>K#110</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>11</td><td>K#111</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>15</td><td>(KH05E)</td><td>18</td><td>BK</td><td>3517243C1</td></tr> <tr><td>16</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>17</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>18</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>19</td><td>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>K#126</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>27</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>28</td><td>K#128</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>29</td><td>K5CC(+)</td><td>18</td><td>YL</td><td>3517243C1</td></tr> <tr><td>30</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>31</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>32</td><td>K5CC(-)</td><td>18</td><td>GN</td><td>3517243C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	K#101	18	TN	3517243C1	2	K#102	18	PK	3517243C1	3	K#103	18	TN	3517243C1	4	K#104	18	PK	3517243C1	5	K#105	18	TN	3517243C1	6	PLUG	-	-	-	7	PLUG	-	-	-	8	PLUG	-	-	-	9	PLUG	-	-	-	10	K#110	18	TN	3517243C1	11	K#111	18	TN	3517243C1	12	PLUG	-	-	-	13	PLUG	-	-	-	14	PLUG	-	-	-	15	(KH05E)	18	BK	3517243C1	16	PLUG	-	-	-	17	PLUG	-	-	-	18	PLUG	-	-	-	19	PLUG	-	-	-	20	PLUG	-	-	-	21	PLUG	-	-	-	22	PLUG	-	-	-	23	PLUG	-	-	-	24	PLUG	-	-	-	25	PLUG	-	-	-	26	K#126	18	TN	3517243C1	27	PLUG	-	-	-	28	K#128	18	TN	3517243C1	29	K5CC(+)	18	YL	3517243C1	30	PLUG	-	-	-	31	PLUG	-	-	-	32	K5CC(-)	18	GN	3517243C1
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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>             CONNECTOR: 1661778C1              BODY LOCK: 1661874C1              PLUG: 2025431C1           </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K71C</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>K71D</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K71C	16	OR	1661875C1	1661872C1	B	K71D	16	OR	1661875C1	1661872C1																																																																																																																																																																																																																																																																																																																												
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CNA	5NOV04	ADDED CIR K#111.	B	59319Z	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																																																																																																																																																																																																																																																																																																																											
RELEASE NO.					DATE	PART NO.	SHEET																																																																																																																																																																																																																																																																																																																																										
57279H					17JAN03	AE08-54996	29																																																																																																																																																																																																																																																																																																																																										

Figure 119 Connector Composites (7304), (7305), (7500)

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



BACKUP LIGHT SWITCH (7500)

(I-6 ONLY)

(LOCATED AT ENGINE COMPARTMENT TRANSMISSION)



CONNECTOR: 1661778C1  
BODY LOCK: 1661874C1  
PLUG: 2025431C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	K71C	16	OR	1661875C1	1661872C1
B	K71D	16	OR	1661875C1	1661872C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					U00AXPC	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS
					RELEASE NO.	DATE
					59966S	17 JAN03
						PART NO.
						AE08-54996
						SHEET
						29A

Figure 120 Connector Composites (7350), (7500)

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







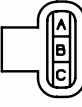

<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING 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; 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#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; margin-top: 5px;">* 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> (1-6 ONLY) (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)   CONNECTOR: 2036583C1 BODY LOCK: N/A PLUG: N/A  <table border="1" style="width: 100%; border-collapse: collapse; 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>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																				
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																																																															
CAV	CIR	GAUGE	COLOR	TERM																																																															
A	K47	18	GY	2036586C1																																																															
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; 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#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; margin-top: 5px;">* 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; 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#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; margin-top: 5px;">* 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										
CAV	CIR	GAUGE	COLOR	TERM																																																															
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B	K#150	18	GY	2036586C1																																																															
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B	K#218	18	GY	2036586C1																																																															
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; 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#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; margin-top: 5px;">* 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; 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#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; margin-top: 5px;">* 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										
CAV	CIR	GAUGE	COLOR	TERM																																																															
A	K#139	18	GY	2036586C1																																																															
A#	K#160*	18	YL	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; 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>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: 1661376C1 PLUG: 0587579C1  <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>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
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																														
A	N31-G	18	WH	2033819C1	3517771C1																																																														
B	N31C	18	TN	2033819C1	3517771C1																																																														
C	PLUG	-	-	-	-																																																														
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																														
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B	U11-GA	14	WH	2033816C1	0589391C1																																																														
C	U53B	14	YL	2033816C1	0589391C1																																																														
D	U57A OR U57B	14	OR	2033816C1	0589391C1																																																														
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Figure 121 Connector Composites (7600), (7601), (7603), (7604), (7605), (7607), (7701), (8000)

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


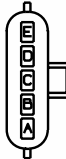
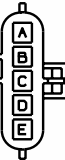



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 <p style="text-align: center;"><b>RIGHT HEADLIGHT AND TURN SIGNAL (8000F)</b> (LOCATED AT HOOD NEAR RIGHT HEADLIGHT)</p> <p>CONNECTOR: 1677851C BODY LOCK: 1677914C PLUG: 0587579C</p> <table border="1" style="width: 100%; border-collapse: collapse; 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: 1677851C BODY LOCK: 1677914C 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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		RELEASE.			RELEASE NO. 57279H	DATE 17JAN03	PART NO. AE08-54996 SHEET 31																																																																												

Figure 122 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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 <div style="float: right; text-align: right;">             CONNECTOR: 2039311C9I              BODY LOCK: 2039342C1              PLUG: 0587579C1           </div>																																																													
<b>KEY:</b> * = MUTUALLY EXCLUSIVE # = 1-6 ONLY																																																													
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 <div style="float: right; text-align: right;">             CONNECTOR: 2036582C1              BODY LOCK: N/A              PLUG: N/A           </div>				 <div style="float: right; text-align: right;">             CONNECTOR: 2036582C1              BODY LOCK: N/A              PLUG: N/A           </div>																																																									
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 <div style="float: right; text-align: right;">             CONNECTOR: 1686738C1              BODY LOCK: 1664229C1              PLUG: 0587579C1              GASKET: 1664228C1           </div>				 <div style="float: right; text-align: right;">             CONNECTOR: 1686738C1              BODY LOCK: 1664229C1              PLUG: 0587579C1              GASKET: 1664228C1           </div>																																																									
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<b>RIGHT PEANUT LIGHT (8155R)</b> (LOCATED AT RIGHT HEADLIGHT)				<b>LEFT PEANUT LIGHT (8155L)</b> (LOCATED AT LEFT HEADLIGHT)																																																									
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		RELEASE.			RELEASE NO. 57279H	DATE 17JAN03 PART NO. AE08-54996 SHEET 32																																																							

Figure 123 Connector Composites (8003), (8100R), (8100L), (8152R), (8152L), (8155R), (8155L)

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

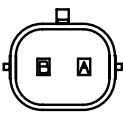






INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																							
<p style="text-align: center;"><b>ELECTRIC HORN (8310)</b> (LOCATED AT ENGINE COMPARTMENT NEAR BUMPER)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 3543888C1 BODY LOCK: 1661874C1 PLUG: 2025431C1</p> </div> </div> <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>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	<p style="text-align: center;"><b>ELECTRIC HORN (8310)</b> (LOCATED AT ENGINE COMPARTMENT NEAR BUMPER)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 1661778C1 BODY LOCK: 1661874C1 PLUG: 2025431C1</p> </div> </div> <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>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
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																						
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B	K85-GA	16	WH	1661875C1	1661872C1																																						
<p style="text-align: center;"><b>LEFT SIDE ELECTRIC HORN (8311)</b> (LOCATED AT ENGINE COMPARTMENT NEAR BUMPER)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 1661778C1 BODY LOCK: 1661874C1 PLUG: 2025431C1</p> </div> </div> <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>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	<p style="text-align: center;"><b>RIGHT SIDE ELECTRIC HORN (8311)</b> (LOCATED AT ENGINE COMPARTMENT NEAR BUMPER)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 1661778C1 BODY LOCK: 1661874C1 PLUG: 2025431C1</p> </div> </div> <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>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																																						
A	M85K	16	GY	1661875C1	1661872C1																																						
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CAV	CIR	GAUGE	COLOR	TERM	SEAL																																						
A	M85L	16	GY	1661875C1	1661872C1																																						
B	M85-GE	16	WH	1661875C1	1661872C1																																						
<p style="text-align: center;"><b>SHUTTER SOLENOID (8450)</b> (LOCATED ON LEFT FRAME RAIL NEAR HOOD HARNESS)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 1671610C1 BODY LOCK: 1671608C1 PLUG: N/A</p> </div> </div> <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>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 Shutter Solenoid (8450) mating view															
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																						
A	K23AB	18	TN	2033819C1	1652325C1																																						
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B	K23-GA	16	WH	2033819C1	1652325C1																																						
<p style="text-align: center;"><b>FUEL GAUGE INTERCONNECT (9100)</b> (LOCATED AT INSIDE LEFT FRAME RAIL BEHIND HCU)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 1671610C1 BODY LOCK: 1671608C1 PLUG: 0587579C1</p> </div> </div> <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>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	<p style="text-align: center;"><b>FUEL GAUGE INTERCONNECT (9100)</b> (LOCATED AT INSIDE LEFT FRAME RAIL BEHIND HCU)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 1671611C1 BODY LOCK: 1671608C1 PLUG: 0587579C1</p> </div> </div> <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>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
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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. SHEET																																				
					57279H	17JAN03	AE08-54996 33																																				

Figure 124 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" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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>AIR DRYER (9257)</b> (LOCATED AT OUTSIDE LEFT FRAME RAIL-AIR TANK)  CONNECTOR: 1673790C1 BODY LOCK: 1673791C1 PLUG: 0587579C1 <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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 style="text-align: center; margin-top: 5px;">           * 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" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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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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																																																														
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																														
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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" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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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Figure 125 Connector Composites (9101), (9254), (9255), (9257), (9258), (9260), (9261)

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

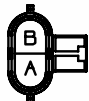
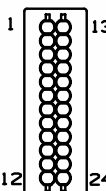



INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																																																																																																					
<b>ECM POSITIVE FEED (9261)</b> (LOCATED AT BATTERY CABLES)  CONNECTOR: 2031522C1 BODY LOCK: 2033927C1 PLUG: 2025432C1 <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>N148A</td><td>10</td><td>RD</td><td>2031531C1</td><td>2025427C1</td></tr> <tr> <td>B</td><td>N148B</td><td>10</td><td>RD</td><td>2031531C1</td><td>2025426C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N148A	10	RD	2031531C1	2025427C1	B	N148B	10	RD	2031531C1	2025426C1	<b>ENGINE/CHASSIS INTERCONNECT (9500M)</b> (LOCATED AT INSIDE LEFT FRAME RAIL BEHIND ENGINE)  CONNECTOR: 3558026C1 BODY LOCK: 3558056C1 PLUG: 1654800C1 <div style="margin-top: 10px;"> <b>KEY:</b>            * = MUTUALLY EXCLUSIVE         </div> <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>N90</td><td>12</td><td>GY</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>1*</td><td>N948P</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>N948J</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>N94-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>N64</td><td>14</td><td>YL</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>21</td><td>N64-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> <tr><td>24</td><td>N948CS</td><td>18</td><td>GY</td><td>3509874C1</td><td>3509903C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1*	N90	12	GY	3559035C1	3575783C1	1*	N948P	12	GY	3559035C1	3575783C1	2	N89A	16	VT	3559035C1	3509903C1	3*	N39B	14	BK	3559035C1	3575783C1	3*	N39C	14	BK	3559035C1	3575783C1	4*	N39A-G	14	WH	3559035C1	3575783C1	4*	N39B-G	14	WH	3559035C1	3575783C1	4*	N39C-G	14	WH	3559035C1	3575783C1	5	N89B	16	VT	3559035C1	3509903C1	6	N3C+	18	DK BL	3509874C1	3532128C1	7	N3C-	18	GY	3509874C1	3532128C1	8	N89	16	VT	3559035C1	3509903C1	9	N89-G	16	WH	3559035C1	3509903C1	10	N948J	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*	N94-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	N64	14	YL	3559035C1	3575783C1	21	N64-G	14	WH	3559035C1	3575783C1	22	N39B	14	BK	3559035C1	3575783C1	23	N39B-G	14	WH	3559035C1	3575783C1	24	N948CS	18	GY	3509874C1	3509903C1
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		RMVD 9500F, 9261.			RELEASE NO. 57279H	DATE 17JAN03 PART NO. AE08-54996 SHEET 35																																																																																																																																																																																																																			

Figure 126 Connector Composites (9261), (9262F), (9262M), (9301), (9500M)

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

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 (9500F)</b></p> <div style="display: flex; align-items: center;"> <div style="margin-left: 10px;"> <p>(LOCATED AT INSIDE LEFT FRAME RAIL BEHIND ENGINE)</p> <p>CONNECTOR: 3558022C1 BODY LOCK: 3558056C1 PLUG: 1654800C1</p> <p><b>KEY:</b> * = MUTUALLY EXCLUSIVE # = 1-6 ONLY</p> </div> </div>				<p style="text-align: center;"><b>ENGINE/CHASSIS INTERCONNECT (9500M)</b></p> <p style="text-align: center;">(EXPORT ONLY)</p> <p>(LOCATED AT INSIDE LEFT FRAME RAIL BEHIND ENGINE)</p> <p>CONNECTOR: 3558028C1 BODY LOCK: 3558056C1 PLUG: 1654800C1</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>1*</td><td>K56D</td><td>14</td><td>OR</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>1*</td><td>K90</td><td>12</td><td>GY</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>1*</td><td>K94BP</td><td>12</td><td>GY</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>1*</td><td>K94BP</td><td>12</td><td>GY</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>2</td><td>K89A</td><td>18</td><td>PL</td><td>3559036C1</td><td>3532128C1</td></tr> <tr><td>3</td><td>K39A</td><td>16</td><td>GY</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>4</td><td>K39A-G</td><td>16</td><td>WH</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>5*</td><td>K68A</td><td>14</td><td>BN</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>5*</td><td>K89B</td><td>16</td><td>VT</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>6</td><td>K3B(+)</td><td>18</td><td>DK BL</td><td>3559036C1</td><td>3532128C1</td></tr> <tr><td>7*</td><td>K3B(-)</td><td>18</td><td>GY</td><td>3559036C1</td><td>3532128C1</td></tr> <tr><td>7*</td><td>K68-G</td><td>12</td><td>WH</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>8</td><td>K89</td><td>16</td><td>VT</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>9*</td><td>K71F</td><td>16</td><td>OR</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>9*</td><td>K89-G</td><td>16</td><td>WH</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>10</td><td>K94BJ</td><td>16</td><td>GY</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>11</td><td>K5D(-)</td><td>18</td><td>GN</td><td>3559036C1</td><td>3532128C1</td></tr> <tr><td>12</td><td>K5D(+)</td><td>18</td><td>YL</td><td>3559036C1</td><td>3532128C1</td></tr> <tr><td>13</td><td>K87A</td><td>18</td><td>GY</td><td>3559036C1</td><td>3532128C1</td></tr> <tr><td>14</td><td>K36</td><td>18</td><td>TN</td><td>3559036C1</td><td>3532128C1</td></tr> <tr><td>15*</td><td>K9</td><td>18</td><td>GY</td><td>3559036C1</td><td>3532128C1</td></tr> <tr><td>15*</td><td>K9A</td><td>18</td><td>GY</td><td>3559036C1</td><td>3532128C1</td></tr> <tr><td>15*</td><td>K9C</td><td>18</td><td>GY</td><td>3559036C1</td><td>3532128C1</td></tr> <tr><td>16*</td><td>K57D</td><td>14</td><td>OR</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>16*</td><td>K90-G</td><td>12</td><td>WH</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>16*</td><td>K94-GE</td><td>12</td><td>WH</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>17</td><td>K31C</td><td>18</td><td>TN</td><td>3559036C1</td><td>3532128C1</td></tr> <tr><td>18</td><td>K31-G</td><td>18</td><td>WH</td><td>3559036C1</td><td>3532128C1</td></tr> <tr><td>19</td><td>K87-G</td><td>18</td><td>GY</td><td>3559036C1</td><td>3532128C1</td></tr> <tr><td>20</td><td>K64</td><td>14</td><td>BN</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>21</td><td>K64-G</td><td>12</td><td>WH</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>22</td><td>K39B</td><td>16</td><td>GY</td><td>3559037C1</td><td>3509903C1</td></tr> <tr><td>23</td><td>K39B-G</td><td>14</td><td>WH</td><td>3559037C1</td><td>3575783C1</td></tr> <tr><td>24</td><td>K94BCS</td><td>18</td><td>GY</td><td>3559036C1</td><td>3509903C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1*	K56D	14	OR	3559037C1	3575783C1	1*	K90	12	GY	3559037C1	3575783C1	1*	K94BP	12	GY	3559037C1	3575783C1	1*	K94BP	12	GY	3559037C1	3575783C1	2	K89A	18	PL	3559036C1	3532128C1	3	K39A	16	GY	3559037C1	3509903C1	4	K39A-G	16	WH	3559037C1	3509903C1	5*	K68A	14	BN	3559037C1	3575783C1	5*	K89B	16	VT	3559037C1	3509903C1	6	K3B(+)	18	DK BL	3559036C1	3532128C1	7*	K3B(-)	18	GY	3559036C1	3532128C1	7*	K68-G	12	WH	3559037C1	3575783C1	8	K89	16	VT	3559037C1	3509903C1	9*	K71F	16	OR	3559037C1	3509903C1	9*	K89-G	16	WH	3559037C1	3509903C1	10	K94BJ	16	GY	3559037C1	3509903C1	11	K5D(-)	18	GN	3559036C1	3532128C1	12	K5D(+)	18	YL	3559036C1	3532128C1	13	K87A	18	GY	3559036C1	3532128C1	14	K36	18	TN	3559036C1	3532128C1	15*	K9	18	GY	3559036C1	3532128C1	15*	K9A	18	GY	3559036C1	3532128C1	15*	K9C	18	GY	3559036C1	3532128C1	16*	K57D	14	OR	3559037C1	3575783C1	16*	K90-G	12	WH	3559037C1	3575783C1	16*	K94-GE	12	WH	3559037C1	3575783C1	17	K31C	18	TN	3559036C1	3532128C1	18	K31-G	18	WH	3559036C1	3532128C1	19	K87-G	18	GY	3559036C1	3532128C1	20	K64	14	BN	3559037C1	3575783C1	21	K64-G	12	WH	3559037C1	3575783C1	22	K39B	16	GY	3559037C1	3509903C1	23	K39B-G	14	WH	3559037C1	3575783C1	24	K94BCS	18	GY	3559036C1	3509903C1	<table border="1" style="width: 100%; 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Figure 127 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																																																																																																																																																																																																																		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																																																																																																		
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<p style="text-align: center;"><b>AIR LEFT FRONT WHEEL SPEED SENSOR (9508)</b> (LOCATED AT RIGHT FRONT WHEEL)</p> <div style="display: flex; align-items: center;"> <div> <p>CONNECTOR: 3539777C1 BODY LOCK: 3539784C1 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>N94L+</td> <td>18</td> <td>GY</td> <td>1651969C1</td> </tr> <tr> <td>2</td> <td>N94L-</td> <td>18</td> <td>OR</td> <td>1651969C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	N94L+	18	GY	1651969C1	2	N94L-	18	OR	1651969C1	<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;"> <div> <p>CONNECTOR: 3573656C1 BODY LOCK: N/A PLUG: 3577748C1</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>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 128 Connector Composites (9503), (9506), (9507), (9508), (9510), (9511)

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

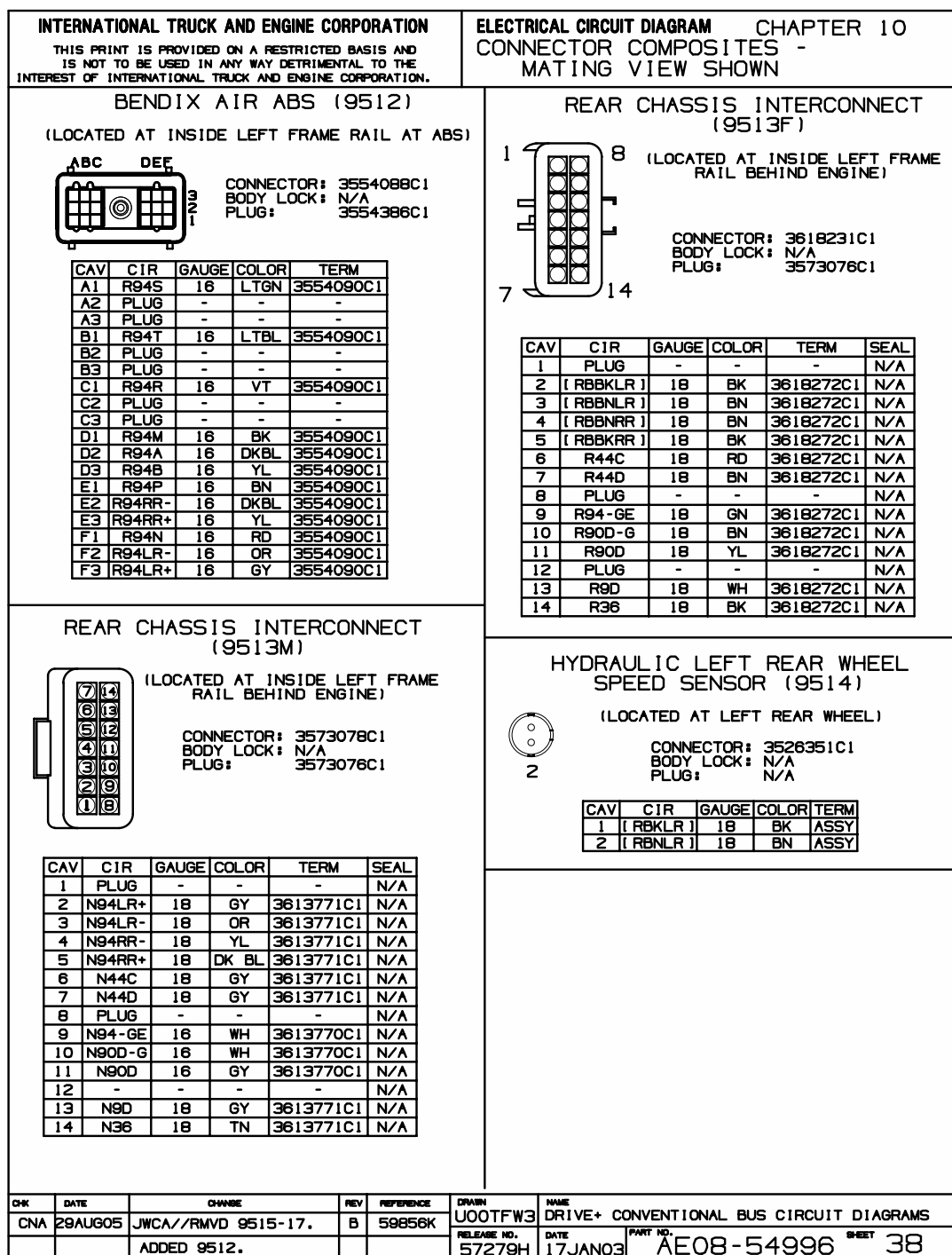


Figure 129 Connector Composites (9512), (9513F), (9513M), (9514)

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




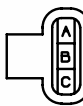
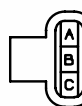

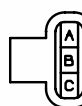

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<b>HYDRAULIC RIGHT REAR WHEEL SPEED SENSOR (9515)</b> (LOCATED AT RIGHT REAR WHEEL)  <div style="margin-left: 200px;">             CONNECTOR: 3526351C1              BODY LOCK: N/A              PLUG: N/A           </div> <table border="1" style="margin-left: 100px; font-size: 0.8em;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <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> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	[RBKRR]	18	BK	ASSY	2	[RBNRR]	18	BN	ASSY	<b>HYDRAULIC RIGHT FRONT WHEEL SPEED SENSOR (9516)</b> (LOCATED AT RIGHT FRONT WHEEL)  <div style="margin-left: 200px;">             CONNECTOR: 3526351C1              BODY LOCK: N/A              PLUG: N/A           </div> <table border="1" style="margin-left: 100px; font-size: 0.8em;"> <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>[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> </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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2	[ND94R-]	18	BN	ASSY	N/A																																																		
<b>HYDRAULIC LEFT FRONT WHEEL SPEED SENSOR (9517)</b> (LOCATED AT LEFT FRONT WHEEL)  <div style="margin-left: 200px;">             CONNECTOR: 3519666C1              BODY LOCK: N/A              PLUG: N/A           </div> <table border="1" style="margin-left: 100px; font-size: 0.8em;"> <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>[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> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	[N94L+]	18	BK	ASSY	N/A	2	[N94L-]	18	BN	ASSY	N/A	<b>LEFT REAR MODULATOR VALVE (9518)</b> (LOCATED AT INSIDE LEFT FRAME RAIL)  <div style="margin-left: 200px;">             CONNECTOR: 1686834C1              BODY LOCK: 1664408C1              PLUG: 0587579C1           </div> <table border="1" style="margin-left: 100px; font-size: 0.8em;"> <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>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> </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						
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																		
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B	R94N	16	RD	2033819C1	1652325C1																																																		
C	R94P	16	BN	2033819C1	1652325C1																																																		
<b>RIGHT REAR MODULATOR VALVE (9519)</b> (LOCATED AT INSIDE RIGHT FRAME RAIL)  <div style="margin-left: 200px;">             CONNECTOR: 1686834C1              BODY LOCK: 1664408C1              PLUG: 0587579C1           </div> <table border="1" style="margin-left: 100px; font-size: 0.8em;"> <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>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> </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	<b>LEFT FRONT MODULATOR VALVE (9520)</b> (LOCATED AT OUTSIDE LEFT FRAME RAIL)  <div style="margin-left: 200px;">             CONNECTOR: 1686834C1              BODY LOCK: 1664408C1              PLUG: 0587579C1           </div> <table border="1" style="margin-left: 100px; font-size: 0.8em;"> <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>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> </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
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																																																		
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																		
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B	N94BB	16	RD	2033819C1	1652325C1																																																		
C	N94BC	16	BN	2033819C1	1652325C1																																																		
<b>RIGHT FRONT MODULATOR VALVE (9521)</b> (LOCATED AT OUTSIDE RIGHT FRAME RAIL)  <div style="margin-left: 200px;">             CONNECTOR: 1686834C1              BODY LOCK: 1664408C1              PLUG: 0587579C1           </div> <table border="1" style="margin-left: 100px; font-size: 0.8em;"> <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>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> </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	<b>BENDIX TRACTION CONTROL (9522)</b> (LOCATED AT CROSSMEMBER FRONT OF REAR AXLE)  <div style="margin-left: 200px;">             CONNECTOR: 3518183C1              BODY LOCK: 3518174C1              PLUG: 3527276C1           </div> <table border="1" style="margin-left: 100px; font-size: 0.8em;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <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> </table>				CAV	CIR	GAUGE	COLOR	TERM	1	R94A	16	DK BL	3518961C1	2	R94B	16	YL	3518961C1									
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JKP	9JAN06	ADDED TABLE FOR 9516	D	59966S	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																																	
					RELEASE NO. 57279H	DATE 17JAN03	PART NO. AE08-54996 SHEET 39																																																

Figure 130 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> <div style="display: flex; align-items: center;"> <div style="margin-left: 10px;"> <p>(LOCATED AT INSIDE LEFT FRAME RAIL BEHIND ENGINE)</p> <p>CONNECTOR: 3618231C1 BODY LOCK: N/A PLUG: 3573076C1</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>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>N64</td><td>14</td><td>YL</td><td>3618273C1</td><td>N/A</td></tr> <tr><td>7</td><td>N64-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	N64	14	YL	3618273C1	N/A	7	N64-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>(LOCATED AT INSIDE LEFT FRAME RAIL AT ABS)</p> <div style="display: flex; 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Figure 131 Connector Composites (9523F), (9523M), (9524), (9526)



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



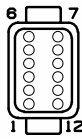
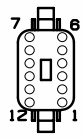




<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</b> <b>CONNECTOR COMPOSITES -</b> <b>MATING VIEW SHOWN</b>																																																																																																																																					
<b>HALDEX DRAIN VALVE (9527)</b> (LOCATED AT OUTSIDE LEFT FRAME RAIL AT AIR TANK)   <div style="margin-left: 20px;">             CONNECTOR: 0587568C1              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>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	<b>J1939 TERMINATING RESISTOR (9530)</b> (LOCATED AT INSIDE LEFT FRAME RAIL BEHIND HCU)   <div style="margin-left: 20px;">             CONNECTOR: 1667741C1              BODY LOCK: 1667771C1              PLUG: 2025431C1               • MUTUALLY EXCLUSIVE              • W/ABS6 EFFECTS           </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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<b>E-STROKE ENGINE/CHASSIS CONN (9532F)</b> (LOCATED AT MID CHASSIS ENGINE/CHASSIS INTERCONN)  <div style="margin-left: 20px;">             CONNECTOR: 1689499C1              BODY LOCK: 1689501C1              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>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	<b>E-STROKE ENGINE/CHASSIS CONN (9532M)</b> (LOCATED AT MID CHASSIS ENGINE/CHASSIS INTERCONN)  <div style="margin-left: 20px;">             CONNECTOR: 1689500C1              BODY LOCK: 1689428C1              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>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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<b>E-STROKE RIGHT FRONT SENSOR (9533)</b>   <div style="margin-left: 20px;">             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>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	<b>E-STROKE LEFT FRONT SENSOR (9534)</b>   <div style="margin-left: 20px;">             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>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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<b>E-STROKE RIGHT REAR SENSOR (9535)</b>   <div style="margin-left: 20px;">             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>R59Y</td> <td>16</td> <td>BK</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R59Z</td> <td>16</td> <td>BN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>R59AA</td> <td>16</td> <td>RD</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R59Y	16	BK	1661875C1	1661872C1	B	R59Z	16	BN	1661875C1	1661872C1	C	R59AA	16	RD	1661875C1	1661872C1	<b>E-STROKE LEFT REAR SENSOR (9536)</b>   <div style="margin-left: 20px;">             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>R59V</td> <td>16</td> <td>LT BL</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R59W</td> <td>16</td> <td>LT GN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>R59X</td> <td>16</td> <td>VT</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R59V	16	LT BL	1661875C1	1661872C1	B	R59W	16	LT GN	1661875C1	1661872C1	C	R59X	16	VT	1661875C1	1661872C1																																																																																		
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Figure 132 Connector Composites (9527), (9530), (9532F), (9532M), (9533), (9534), (9535), (9536)



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

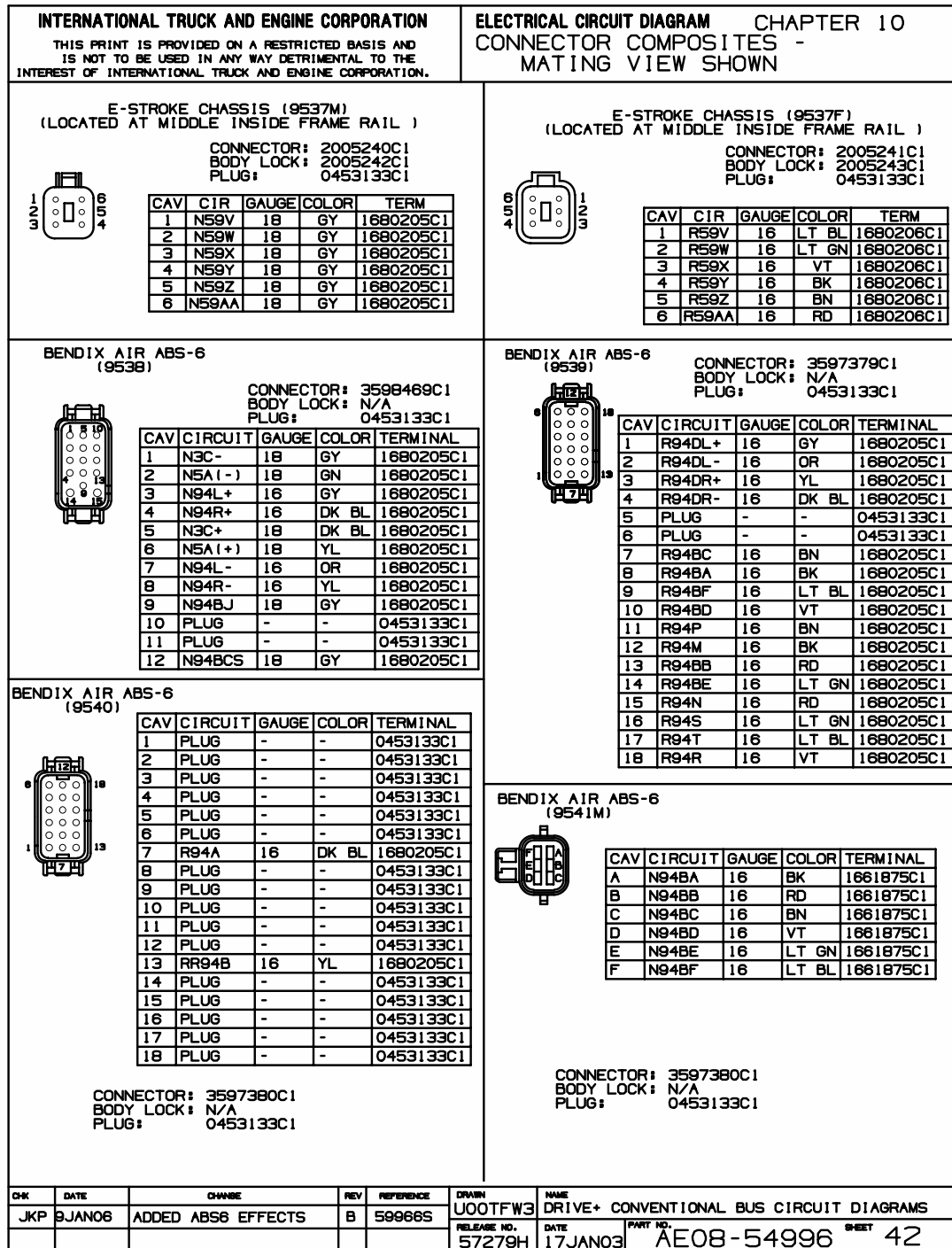









Figure 133 Connector Composites (9537M), (9537F), (9538), (9539), (9540), (9541M)

# 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="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>BENDIX AIR ABS-6 (9541M)</b></p>  <p>CONNECTOR: 3597380C1 BODY LOCK: N/A PLUG: 0453133C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <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> </table> </div> <div style="width: 45%;"> <p><b>BENDIX AIR ABS-6 MOD INTER CONN (9541F)</b></p>  <p>CONNECTOR: 2024437C1 BODY LOCK: 2011364C1 PLUG: 2025431C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <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> </table> </div> </div>				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	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="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>AIR SOLENOID 4-PACK (9736)</b> (LOCATED AT ENGINE COMPARTMENT REAR)</p>  <p>CONNECTOR: 1661375C2 BODY LOCK: 1661376C1 PLUG: 0587579C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>K59H</td><td>14</td><td>GY</td><td>2033818C1</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> </table> </div> <div style="width: 45%;"> <p><b>RADIATOR GROUND (9737)</b> (LOCATED AT ENGINE COMPARTMENT FRONT)</p>  <p>CONNECTOR: 0587566C91 BODY LOCK: N/A PLUG: 0587579C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <tr><td>A</td><td>K11-GD</td><td>12</td><td>WH</td><td>1673747C1</td><td>0589390C1</td></tr> </table> </div> </div>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K59H	14	GY	2033818C1	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	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K11-GD	12	WH	1673747C1	0589390C1																										
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>HYD ABS SAHR SENSOR (9777)</b> (LOCATED AT INSIDE LEFT FRAME RAIL AT SAHR CANNISTER)</p>  <p>CONNECTOR: 1667741C1 BODY LOCK: 1667771C1 PLUG: 2025431C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <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-GF</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> </table> </div> <div style="width: 45%;"> <p><b>SAHR CUT-OFF SOLENOID (9778)</b> (LOCATED AT INSIDE LEFT FRAME RAIL AT HCU)</p>  <p>CONNECTOR: 3522068C1 BODY LOCK: 1661874C1 PLUG: 2025431C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <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> </table> </div> </div>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R90D	18	YL	1661875C1	1661872C1	B	R94-GF	18	GN	1661875C1	1661872C1	C	R44D	18	BN	1661875C1	1661872C1	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="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>LOW CURRENT PRESSURE SW (9801)</b> (LOCATED AT ENGINE COMPARTMENT REAR)</p>  <p>CONNECTOR: 1661777C1 BODY LOCK: 1661873C1 PLUG: 2025431C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> <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> </table> </div> <div style="width: 45%;"></div> </div>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	C	K93	18	TN	1661875C1	1661872C1	D	K9D	18	GY	1661875C1	1661872C1																																																								
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