

10. CONNECTOR COMPOSITES (CHAPTER 10)

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

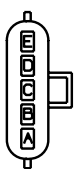

INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																											
LEFT TAIL/STOP/TURN LIGHT (701) (LOCATED AT REAR FRAME RAIL)  <p style="text-align: right;">CONNECTOR: 1661375C2 BODY LOCK: 1661376C1</p>				RIGHT TAIL/STOP/TURN LIGHT (702) (LOCATED AT REAR FRAME RAIL)  <p style="text-align: right;">CONNECTOR: 1661375C2 BODY LOCK: 1661376C1</p>																																																																																																																											
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PANEL LIGHT SPLICE CONN (1002) (LOCATED LEFT SIDE INSTRUMENT PANEL) CONNECTOR: 2007315C1 BUS BAR: 2007317C1 BODY LOCK: 2007316C1 COVER: 2010558C1				GROUND SPLICE CONN (1003) (LOCATED LEFT SIDE INSTRUMENT PANEL) CONNECTOR: 2007315C1 BUS BAR: 2007317C1 BODY LOCK: 2007316C1 COVER: 2010558C1																																																																																																																											
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Figure 100 Connector Composites (701), (702), (1002), (1003), (1004), (1005)

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

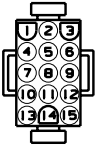
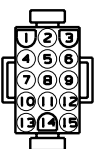

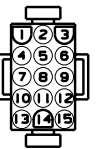

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Figure 101 Connector Composites (1006), (1007), (1009), (1010F), (1012)

10.3. CONNECTOR COMPOSITE (1011), P. 3

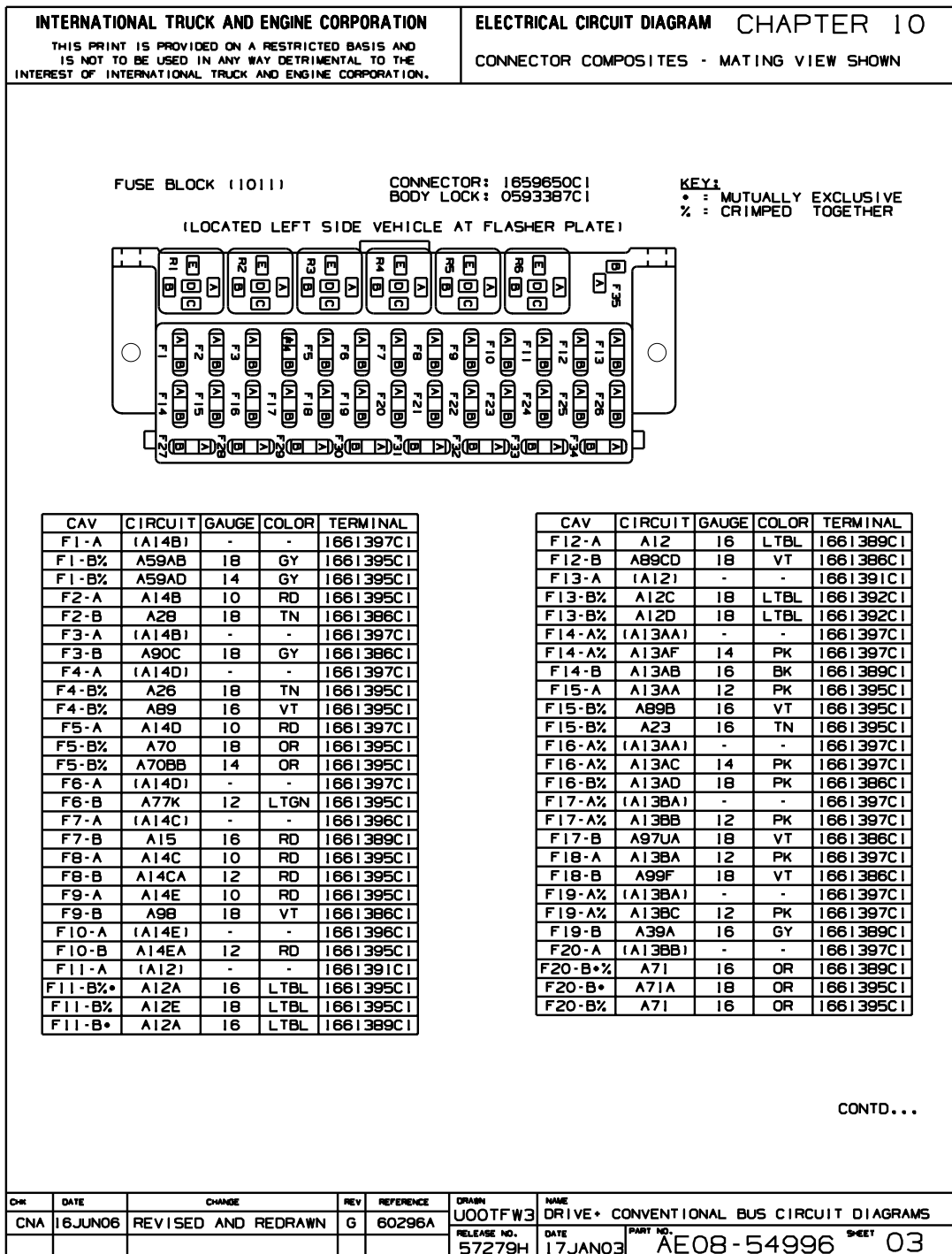


Figure 102 Connector Composite (1011)

10.4. CONNECTOR COMPOSITE (1011), P. 3A

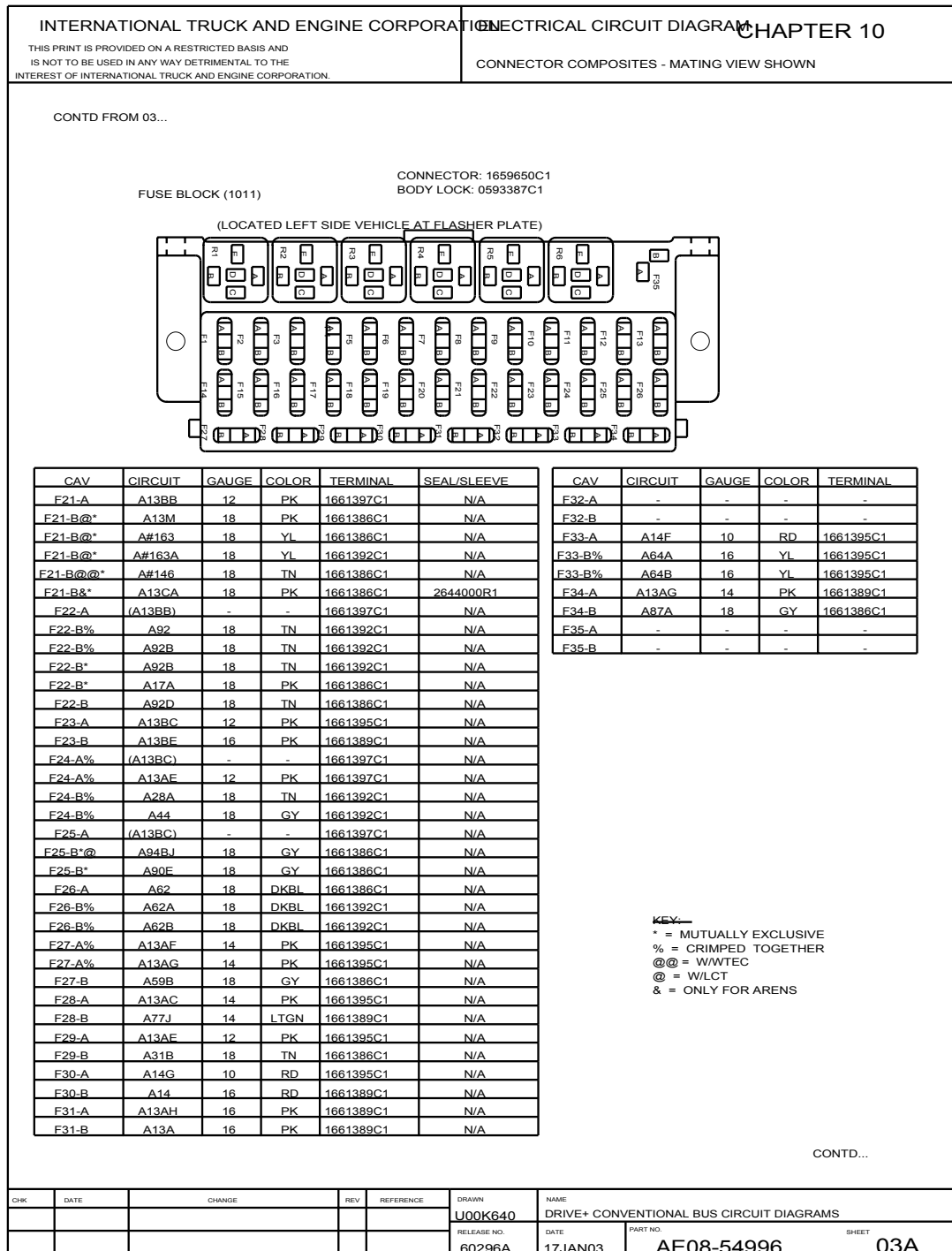


Figure 103 Connector Composite (1011)

10.5. CONNECTOR COMPOSITE (1011), P. 3B

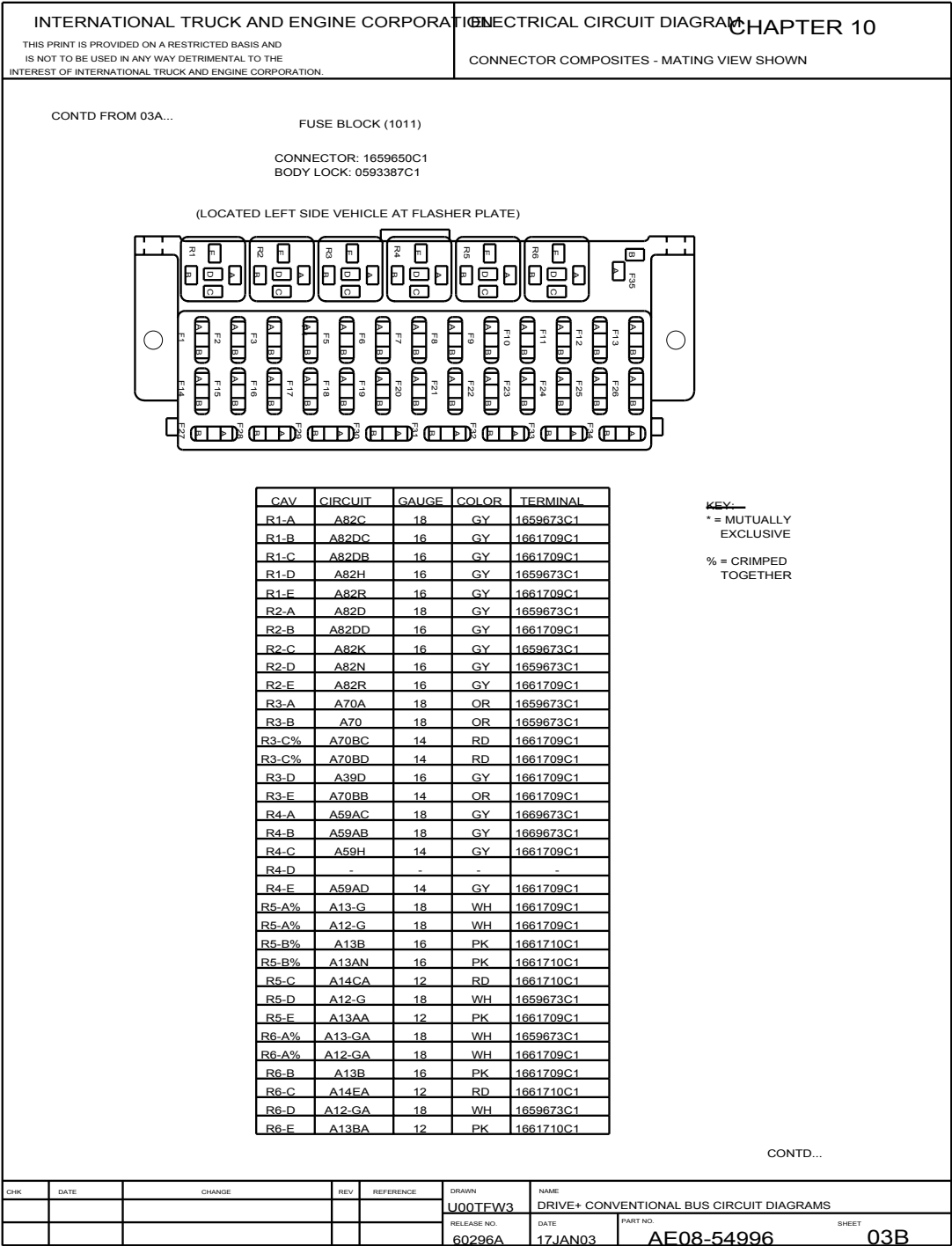


Figure 104 Connector Composite (1011)

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

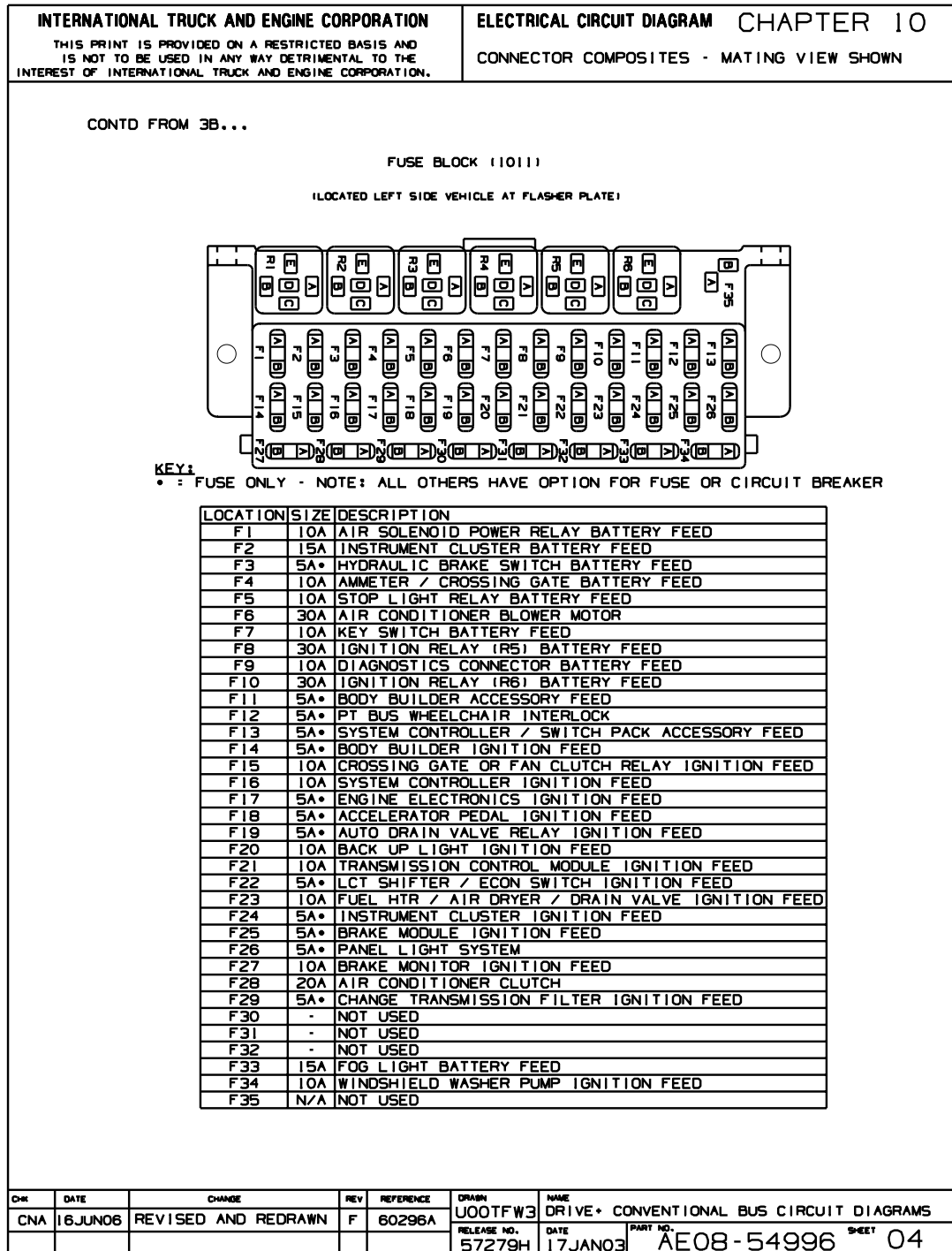
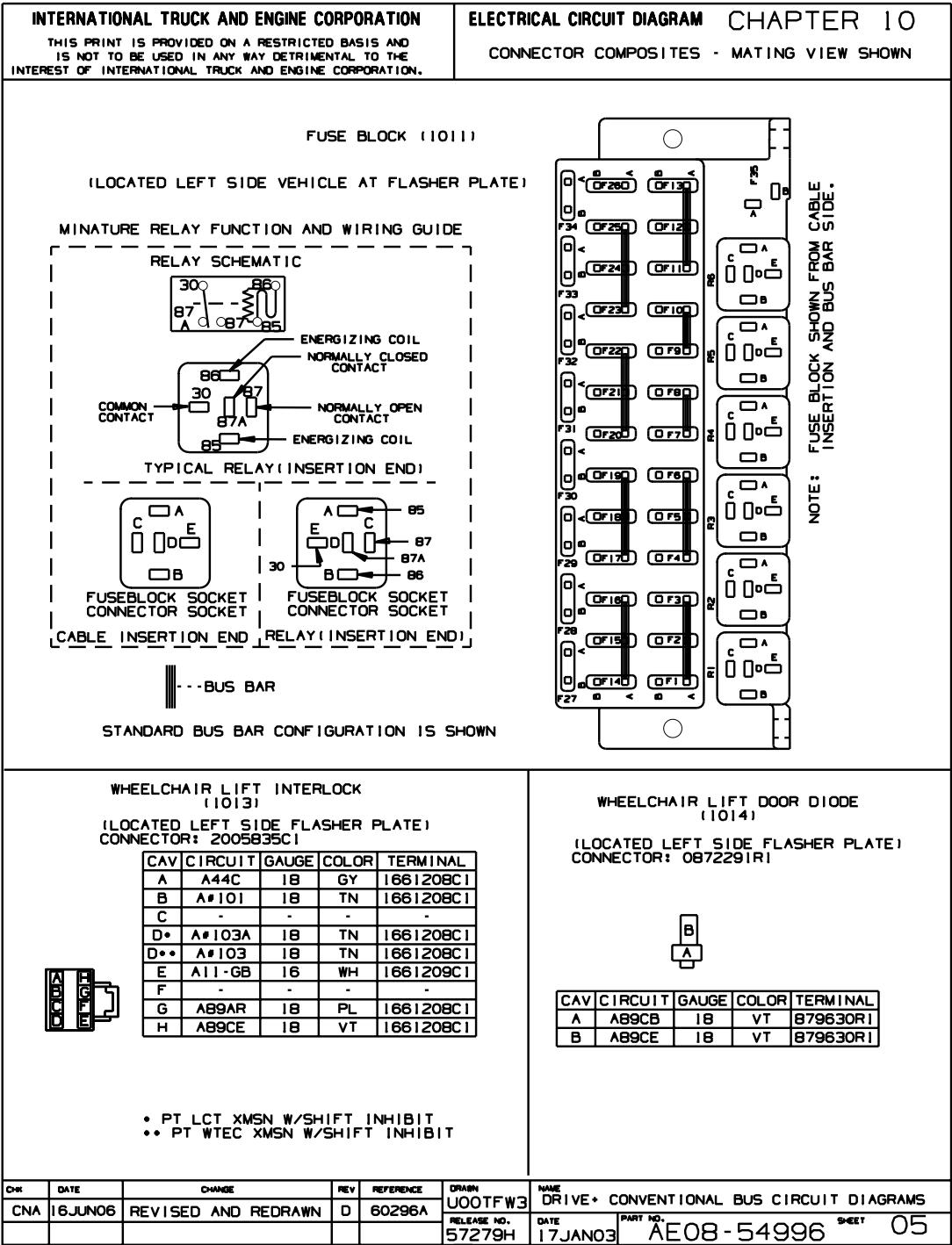


Figure 105 Connector Composite (1011) Fuse / Circuit Breaker Chart

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



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

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10

CONNECTOR COMPOSITES - MATING VIEW SHOWN

BACK-UP LIGHT RELAY (1015)
(LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)

CONNECTOR: 2028683C | KEY:
BODY LOCK: 2028684C | * : MUTUALLY EXCLUSIVE
CLAMP: 0435265C | % : CRIMPED TOGETHER

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A#113	18	OR	2025418C1
1*	A165	18	TN	2025418C1
2*	A71B	18	OR	2025418C1
2*	A71B	16	OR	2025418C1
2*	A71	16	OR	1661710C1
3*%	A71	16	OR	1661709C1
3*%	A71B	18	OR	1661709C1
3*%	A71B	16	OR	1661710C1
4	-	-	-	-
5	A71B	16	LT BL	2018946C1
5*	A71BB	16	LT BL	1661709C1

• WTEC & LTS
GEN4
& W/LAMP CHECK

BACK-UP LIGHT CHECK RELAY (1016)
(LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)

CONNECTOR: 2028683C | KEY:
BODY LOCK: 2028684C | * : MUTUALLY EXCLUSIVE
CLAMP: 0435265C | % : CRIMPED TOGETHER

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
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

FOG LIGHT RELAY (1017)
(LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)

CONNECTOR: 2028683C | BODY LOCK: 2028684C |
CLAMP: 0435265C |

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A64A	16	YL	2025418C1
2	A64C	18	YL	2025418C1
3	A64B	16	YL	1661710C1
4	-	-	-	-
5	A64	12	YL	1661710C1

AUTO DRAIN VALVE RELAY (1018)
(LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)

CONNECTOR: 2028683C | BODY LOCK: 2028684C |
CLAMP: 0435265C |

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A39C	16	GY	2025418C1
2	A39A	16	GY	2025418C1
3	A39D	16	GY	1661709C1
4	-	-	-	-
5	A39B	16	GY	1661709C1

WHEELCHAIR LIFT RELAY (1019)
(LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)

CONNECTOR: 2028683C |
BODY LOCK: 2028684C |
CLAMP: 0435265C |

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A89CD	18	VT	2025418C1
2	A89CB	18	VT	2025418C1
3	A89CC	18	PL	1659673C1
4	-	-	-	-
5	A9CA	18	GY	1659673C1

EMERGENCY EXIT RELAY (1020)
(LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)

CONNECTOR: 2028683C | KEY:
BODY LOCK: 2028684C | * : MUTUALLY EXCLUSIVE
CLAMP: 0435265C | % : CRIMPED TOGETHER

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A89FD	18	VT	2025418C1
2%	A89DB	18	VT	3519441C1
2*%	A89FB	18	VT	3519418C1
2*	A89FB	18	VT	3519418C1
3	A89FF	18	PL	1659673C1
4	-	-	-	-
5	A9FA	18	GY	1659673C1

POST TRIP INSPECTION RELAY (1021)
(LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)

CONNECTOR: 2028683C | KEY:
BODY LOCK: 2028684C | % : CRIMPED TOGETHER
CLAMP: 0435265C |

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
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

SPECIAL EQUIPMENT CONNECTOR
(LOCATED LEFT SIDE VEHICLE AT FLASHER PLATE)
(1023)

CONNECTOR: 3515762C |
BODY LOCK: 3515764C |

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A47	18	GY	1661261C1
B	A48	18	GY	1661261C1
C	-	-	-	-
D	-	-	-	-
E	-	-	-	-
F	-	-	-	-
G	-	-	-	-
H	-	-	-	-

CHK DATE CHANGE REV REFERENCE DRAWN NAME
CNA 16JUN06 REVISED AND REDRAWN E 60296A U00TFW3 DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS

RELEASE NO. DATE PART NO. SHEET
57279H 17JAN03 AE08-54996 06

Figure 107 Connector Composites (1015), (1016), (1017), (1018), (1019), (1020), (1021), (1023)

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

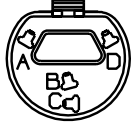







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<p>KEY SWITCH (1100) (LOCATED AT INSTRUMENT WING PANEL)</p>  <p>CONNECTOR: 3546518C BODY LOCK: 3546519C</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A15</td><td>16</td><td>RD</td><td>1661209C1</td></tr> <tr><td>B</td><td>A17</td><td>16</td><td>PK</td><td>1661209C1</td></tr> <tr><td>C</td><td>A12</td><td>16</td><td>LT BL</td><td>1661209C1</td></tr> <tr><td>D</td><td>A13AN</td><td>16</td><td>PK</td><td>1661209C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A15	16	RD	1661209C1	B	A17	16	PK	1661209C1	C	A12	16	LT BL	1661209C1	D	A13AN	16	PK	1661209C1	<p>SWITCH PACK, UPPER ADDRESS (1101) (LOCATED AT INSTRUMENT WING PANEL)</p>  <p>CONNECTOR: 2031871C1 BODY LOCK: 2031873C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>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	CIRCUIT	GAUGE	COLOR	TERMINAL	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	-	-	-	-																																								
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<p>AIR PARK BRAKE PRESS SWITCH (LOCATED AT INSTRUMENT WING PANEL) (1104)</p>  <p>CONNECTOR: 1661777C1 BODY LOCK: 1661873C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</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	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	C	A44BB	18	GY	1661875C1	3568570C1	D	A9B	18	GY	1661875C1	1661872C1	<p>HYD PARK BRAKE SWITCH (LOCATED AT INSTRUMENT WING PANEL) (1105)</p> <p>CONNECTOR: 1661259C1 BODY LOCK: 1661263C1</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A44AA</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>B</td><td>A90B</td><td>18</td><td>GY</td><td>1661261C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A44AA	18	GY	1661261C1	B	A90B	18	GY	1661261C1																																																																			
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<p>ECON SWITCH (1106) (LOCATED AT INSTRUMENT CLUSTER)</p> <p>CONNECTOR: 3520850C1</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <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>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2B</td><td>A#110</td><td>18</td><td>TN</td><td>1661224C1</td></tr> <tr><td>2B*</td><td>A#142</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>3</td><td>A#12B/A#128A</td><td>18</td><td>TN</td><td>1661224C1</td></tr> <tr><td>3**</td><td>A#103</td><td>18</td><td>TN</td><td>1661224C1</td></tr> <tr><td>3**</td><td>A#103</td><td>18</td><td>TN</td><td>3541250C1</td></tr> <tr><td>3***</td><td>A#103A</td><td>18</td><td>TN</td><td>3541250C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</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>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>A62D</td><td>18</td><td>DK BL</td><td>1661224C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>A62-GD</td><td>18</td><td>WH</td><td>1661224C1</td></tr> </tbody> </table> <p>• LCT GEN4, ** N/SHIFT INHIBIT *** W/SHIFT INHIBIT ● W/SHIFTER INTERLOCK ●● N/SHIFTER INTERLOCK</p>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2B	A#110	18	TN	1661224C1	2B*	A#142	18	WH	1661224C1	3	A#12B/A#128A	18	TN	1661224C1	3**	A#103	18	TN	1661224C1	3**	A#103	18	TN	3541250C1	3***	A#103A	18	TN	3541250C1	4	-	-	-	-	5B	A92B	18	TN	1661224C1	5B*	A92B	18	TN	1661224C1	5B**	A92D	18	TN	1661224C1	6	-	-	-	-	7	-	-	-	-	8	A62D	18	DK BL	1661224C1	9	-	-	-	-	10	A62-GD	18	WH	1661224C1	<p>CABLE PARK BRAKE INTERCONNECT (LOCATED AT ABOVE ACCELERATOR PEDAL) (1107)</p> <p>CONNECTOR: 1661259C1 BODY LOCK: 1661263C1</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>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	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A9K	18	GY	1661261C1	B	A44CC	18	GY	1661261C1
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<p>CABLE PARK BRAKE INTERCONNECT (LOCATED AT ABOVE ACCELERATOR PEDAL) (1107F)</p>  <p>CONNECTOR: 1661260C1 BODY LOCK: 1661264C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>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	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A9L	18	BN	1661261C1	B	A44DD	18	RD	1661261C1	<p>CABLE PARK BRAKE SWITCH (LOCATED NEAR DRIVERS SEAT) (1108)</p> <p>CONNECTOR: 1661259C1 BODY LOCK: 1661263C1</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>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	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A9L	18	BN	1661261C1	B	A44DD	18	RD	1661261C1																																																																						
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Connector Composites (1200), (1201), (1202), (1203), (1204), p. 7A

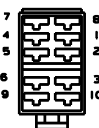
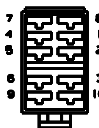

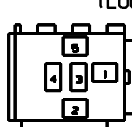
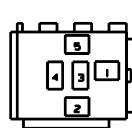
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AIR CONDITIONER SWITCH (1201) (LOCATED AT INSTRUMENT PANEL)																																																																						
CONNECTOR: 3530564C1 % = CRIMPED TOGETHER																																																																						
	<table border="1" style="font-size: x-small; border-collapse: collapse;"> <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>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>A77J</td><td>14</td><td>LTGN</td><td>1661226C1</td></tr> <tr><td>3%</td><td>A77B</td><td>14</td><td>LTGN</td><td>1661227C1</td></tr> <tr><td>3%</td><td>A77H</td><td>16</td><td>LTGN</td><td>1661227C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>A62-GF</td><td>18</td><td>WHITE</td><td>1661224C1</td></tr> <tr><td>8%</td><td>A62J</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr> <tr><td>8%</td><td>A62K</td><td>18</td><td>DKBL</td><td>3541250C1</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> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	A77J	14	LTGN	1661226C1	3%	A77B	14	LTGN	1661227C1	3%	A77H	16	LTGN	1661227C1	4	-	-	-	-	5	-	-	-	-	6	-	-	-	-	7	A62-GF	18	WHITE	1661224C1	8%	A62J	18	DKBL	3541250C1	8%	A62K	18	DKBL	3541250C1	9	-	-	-	-	10	-	-	-	-				
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A/C MODULE INTERCONNECT (1202) (LOCATED AT RIGHT SIDE STEP WELL)																																																																						
CONNECTOR: 2005835C1 BODY LOCK: 2006503C1																																																																						
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					AE08-54996	07A																																																																

Figure 109 Connector Composites (1200), (1201), (1202), (1203), (1204)

10.10. CONNECTOR COMPOSITES (1400), (1401), (1402), (1403), P. 8





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																																																			
BRAKE MONITOR LEFT FRONT SENSOR (1400) (LOCATED AT INSIDE MIDDLE DASH PANEL)  <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> CONNECTOR: 1667741C1 BODY LOCK: 1667771C1 </div>				BRAKE MONITOR RIGHT FRONT SENSOR (1401) (LOCATED AT INSIDE MIDDLE DASH PANEL)  <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> CONNECTOR: 1667741C1 BODY LOCK: 1667771C1 </div>																																																			
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BRAKE MONITOR LEFT REAR SENSOR (1402) (LOCATED AT INSIDE MIDDLE DASH PANEL)  <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> CONNECTOR: 1667741C1 BODY LOCK: 1667771C1 </div>				BRAKE MONITOR RIGHT REAR SENSOR (1403) (LOCATED AT INSIDE MIDDLE DASH PANEL)  <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> CONNECTOR: 1667741C1 BODY LOCK: 1667771C1 </div>																																																			
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Figure 110 Connector Composites (1400), (1401), (1402), (1403)

10.11. CONNECTOR COMPOSITES (1404), (1500), (1501), (1555), P. 8A

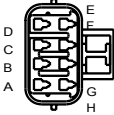
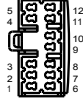


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Figure 111 Connector Composites (1404), (1500), (1501), (1555)

10.12. CONNECTOR COMPOSITES (1205), (1206), (1800), P. 8B

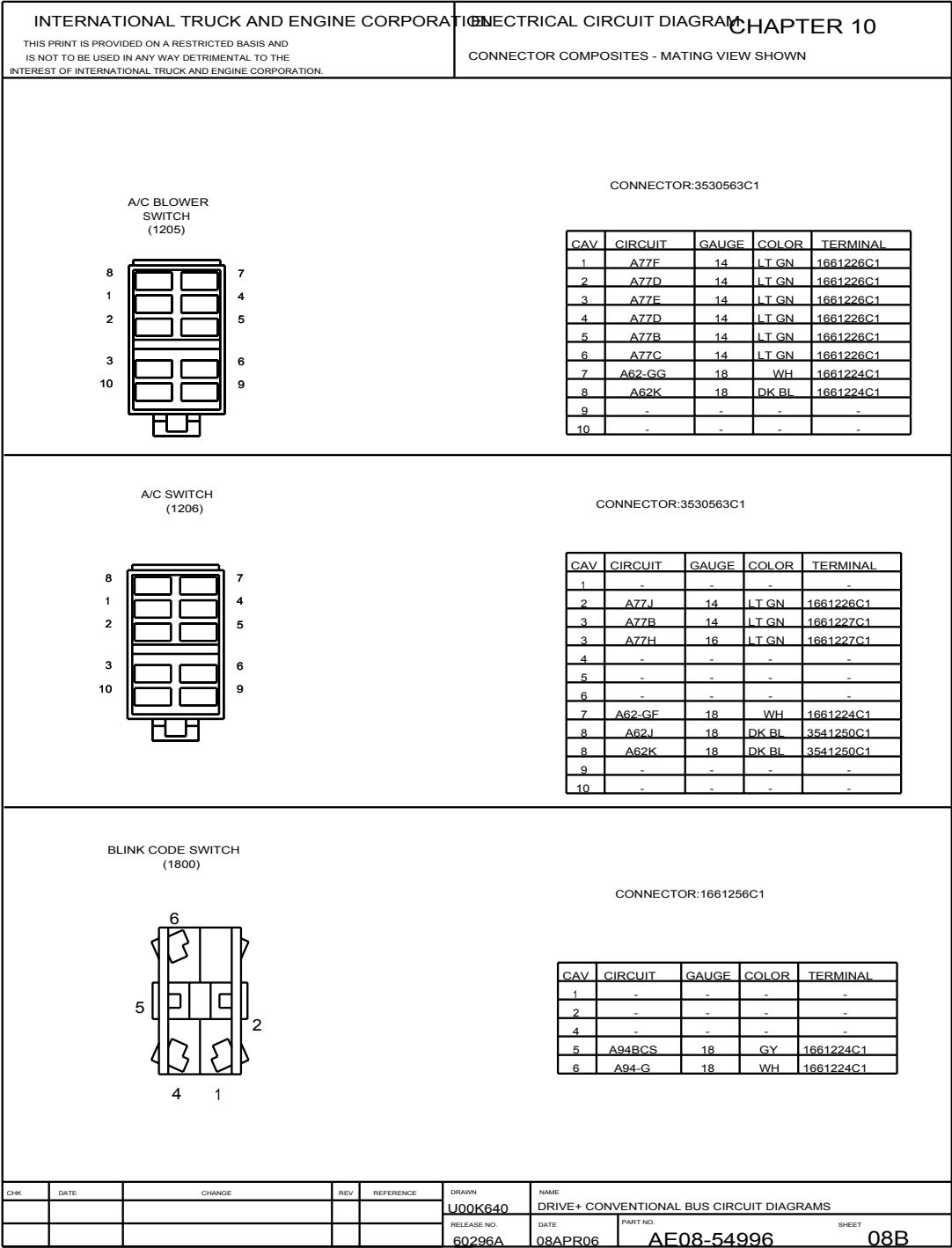


Figure 112 Connector Composites (1205), (1206), (1800)

10.13. CONNECTOR COMPOSITES (1600), (1602), P. 9

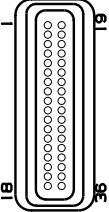
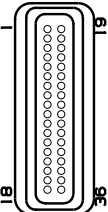
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<tr><td>21</td><td>A102</td><td>20</td><td>YL</td><td>3533507C1</td></tr> <tr><td>22</td><td>A82S</td><td>20</td><td>GY</td><td>3533507C1</td></tr> <tr><td>23</td><td>A82T</td><td>20</td><td>GY</td><td>3533507C1</td></tr> <tr><td>24</td><td>A82U</td><td>20</td><td>GY</td><td>3533507C1</td></tr> <tr><td>25•</td><td>A89DD</td><td>18</td><td>PL</td><td>3517243C1</td></tr> <tr><td>25•</td><td>A89FF</td><td>18</td><td>PL</td><td>3517243C1</td></tr> <tr><td>26</td><td>A89SK</td><td>18</td><td>PL</td><td>3517243C1</td></tr> <tr><td>27</td><td>A6H</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>28</td><td>A87-GB</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>29</td><td>A3E (+)</td><td>18</td><td>DKBL</td><td>3517243C1</td></tr> <tr><td>30</td><td>A3F (-)</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>31</td><td>A89KK</td><td>18</td><td>PL</td><td>3517243C1</td></tr> <tr><td>32•</td><td>A44BB</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>32•</td><td>A44CC</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>33•</td><td>A70C</td><td>18</td><td>RD</td><td>3517243C1</td></tr> <tr><td>33•</td><td>A90F</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>34•</td><td>A5BJ (+)</td><td>18</td><td>YL</td><td>3517243C1</td></tr> <tr><td>34•</td><td>A5AE (+)</td><td>18</td><td>YL</td><td>3517243C1</td></tr> <tr><td>34•</td><td>A5BE (+)</td><td>18</td><td>YL</td><td>3517243C1</td></tr> <tr><td>34⊙</td><td>A5F (+)</td><td>18</td><td>YL</td><td>3517243C1</td></tr> <tr><td>35⊙</td><td>A5F (-)</td><td>18</td><td>GN</td><td>3517243C1</td></tr> <tr><td>35•</td><td>A5BK (-)</td><td>18</td><td>GN</td><td>3517243C1</td></tr> <tr><td>35•</td><td>A5AE (-)</td><td>18</td><td>GN</td><td>3517243C1</td></tr> <tr><td>35•</td><td>A5BE (-)</td><td>18</td><td>GN</td><td>3517243C1</td></tr> <tr><td>36</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A11-GAB	18	WH	3517243C1	2	A12D	18	LTBL	3517243C1	3	A9H	18	GY	3517243C1	4	A44A	18	GY	3517243C1	5	A89AA	18	PL	3517243C1	6	A64C	18	YL	3517243C1	7	A89BB	18	PL	3517243C1	8	A89CC	18	PL	3517243C1	9•	A89FF	18	PL	3517243C1	9•	A89DD	18	PL	3517243C1	10	A89C	18	GY	3517243C1	11	A89EE	18	PL	3517243C1	12	A13AD	18	PK	3517243C1	13	A85B	18	GY	3517243C1	14	A50	18	YL	3517243C1	15	A40	18	GY	3517243C1	16	A40A	18	GY	3517243C1	17	A96A	18	PL	3517243C1	18	A57	20	OR	3533507C1	19	A56	20	OR	3533507C1	20	A52B	20	YL	3533507C1	21	A102	20	YL	3533507C1	22	A82S	20	GY	3533507C1	23	A82T	20	GY	3533507C1	24	A82U	20	GY	3533507C1	25•	A89DD	18	PL	3517243C1	25•	A89FF	18	PL	3517243C1	26	A89SK	18	PL	3517243C1	27	A6H	18	GY	3517243C1	28	A87-GB	18	GY	3517243C1	29	A3E (+)	18	DKBL	3517243C1	30	A3F (-)	18	GY	3517243C1	31	A89KK	18	PL	3517243C1	32•	A44BB	18	GY	3517243C1	32•	A44CC	18	GY	3517243C1	33•	A70C	18	RD	3517243C1	33•	A90F	18	GY	3517243C1	34•	A5BJ (+)	18	YL	3517243C1	34•	A5AE (+)	18	YL	3517243C1	34•	A5BE (+)	18	YL	3517243C1	34⊙	A5F (+)	18	YL	3517243C1	35⊙	A5F (-)	18	GN	3517243C1	35•	A5BK (-)	18	GN	3517243C1	35•	A5AE (-)	18	GN	3517243C1	35•	A5BE (-)	18	GN	3517243C1	36	PLUG	-	-	3518314C1	<p>SYSTEM CONTROLLER (1602) (LOCATED AT INSIDE RIGHT SIDE DASH PANEL)</p> <p>KEY: • = MUTUALLY EXCLUSIVE ⊙ = TWO SPEED AXLE BODY BUILDER CONNECTION</p> <p>CONNECTOR: 3533832C1 RETAINER: 3533833C1 COVER: 3533834C1</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <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>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>3</td><td>A77R</td><td>18</td><td>LTGN</td><td>3517243C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>5</td><td>A36</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>8</td><td>A89MM</td><td>18</td><td>PL</td><td>3517243C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>11</td><td>A19B</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>15</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>16</td><td>A89D</td><td>18</td><td>PL</td><td>3517243C1</td></tr> <tr><td>17</td><td>A89AP</td><td>18</td><td>PL</td><td>3517243C1</td></tr> <tr><td>18••</td><td>A93</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>18⊙</td><td>A89SL</td><td>18</td><td>PL</td><td>3517243C1</td></tr> <tr><td>19</td><td>A59AC</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>20•</td><td>A82D</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>20•</td><td>A82B</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>21</td><td>A70A</td><td>18</td><td>OR</td><td>3517243C1</td></tr> <tr><td>22</td><td>A59L</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>23</td><td>A89AR</td><td>18</td><td>PL</td><td>3517243C1</td></tr> <tr><td>24</td><td>A59K</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>25</td><td>A92AB</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>26</td><td>A9</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>27</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>28</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>29•</td><td>A82C</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>29•</td><td>A82A</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>30</td><td>A59M</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>30</td><td>A77T</td><td>18</td><td>LTGN</td><td>3517243C1</td></tr> <tr><td>31</td><td>A59J</td><td>18</td><td>GY</td><td>3517243C1</td></tr> <tr><td>31</td><td>A77S</td><td>18</td><td>LTGN</td><td>3517243C1</td></tr> <tr><td>32</td><td>A89A</td><td>18</td><td>PL</td><td>3517243C1</td></tr> <tr><td>33</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>34</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>35</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>36</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	3518314C1	2	PLUG	-	-	3518314C1	3	A77R	18	LTGN	3517243C1	4	PLUG	-	-	3518314C1	5	A36	18	TN	3517243C1	6	PLUG	-	-	3518314C1	7	PLUG	-	-	3518314C1	8	A89MM	18	PL	3517243C1	9	PLUG	-	-	3518314C1	10	PLUG	-	-	3518314C1	11	A19B	18	GY	3517243C1	12	PLUG	-	-	3518314C1	13	PLUG	-	-	3518314C1	14	PLUG	-	-	3518314C1	15	PLUG	-	-	3518314C1	16	A89D	18	PL	3517243C1	17	A89AP	18	PL	3517243C1	18••	A93	18	TN	3517243C1	18⊙	A89SL	18	PL	3517243C1	19	A59AC	18	GY	3517243C1	20•	A82D	18	GY	3517243C1	20•	A82B	18	GY	3517243C1	21	A70A	18	OR	3517243C1	22	A59L	18	GY	3517243C1	23	A89AR	18	PL	3517243C1	24	A59K	18	GY	3517243C1	25	A92AB	18	TN	3517243C1	26	A9	18	GY	3517243C1	27	PLUG	-	-	3518314C1	28	PLUG	-	-	3518314C1	29•	A82C	18	GY	3517243C1	29•	A82A	18	GY	3517243C1	30	A59M	18	GY	3517243C1	30	A77T	18	LTGN	3517243C1	31	A59J	18	GY	3517243C1	31	A77S	18	LTGN	3517243C1	32	A89A	18	PL	3517243C1	33	PLUG	-	-	3518314C1	34	PLUG	-	-	3518314C1	35	PLUG	-	-	3518314C1	36	PLUG	-	-	3518314C1
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Figure 113 Connector Composites (1600), (1602)

10.14. CONNECTOR COMPOSITES (1601), (1603), P. 9A

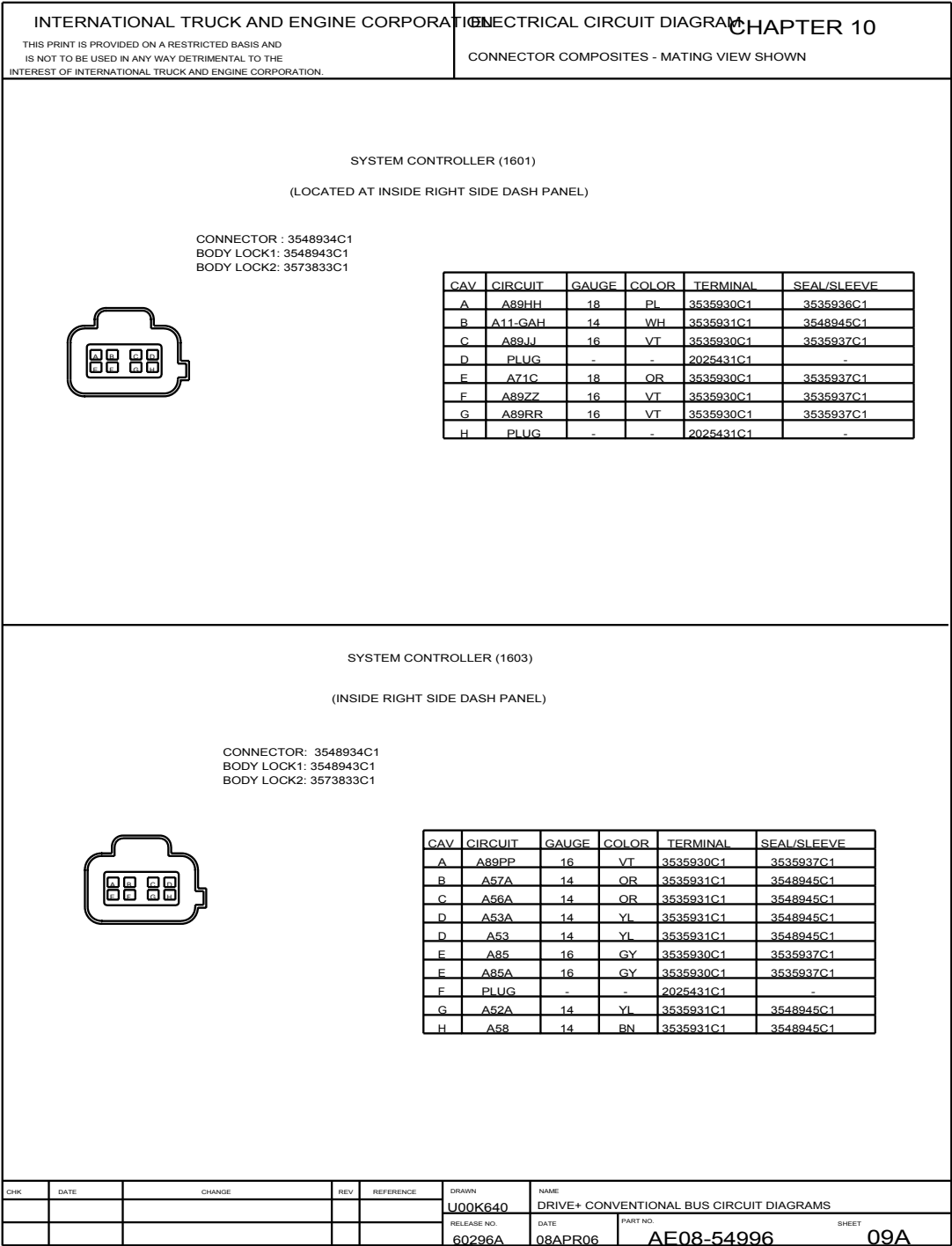


Figure 114 Connector Composites (1601), (1603)

10.15. CONNECTOR COMPOSITES (1604), (1650), (1657M), (1804), (1807), (1808), (1809), P. 10

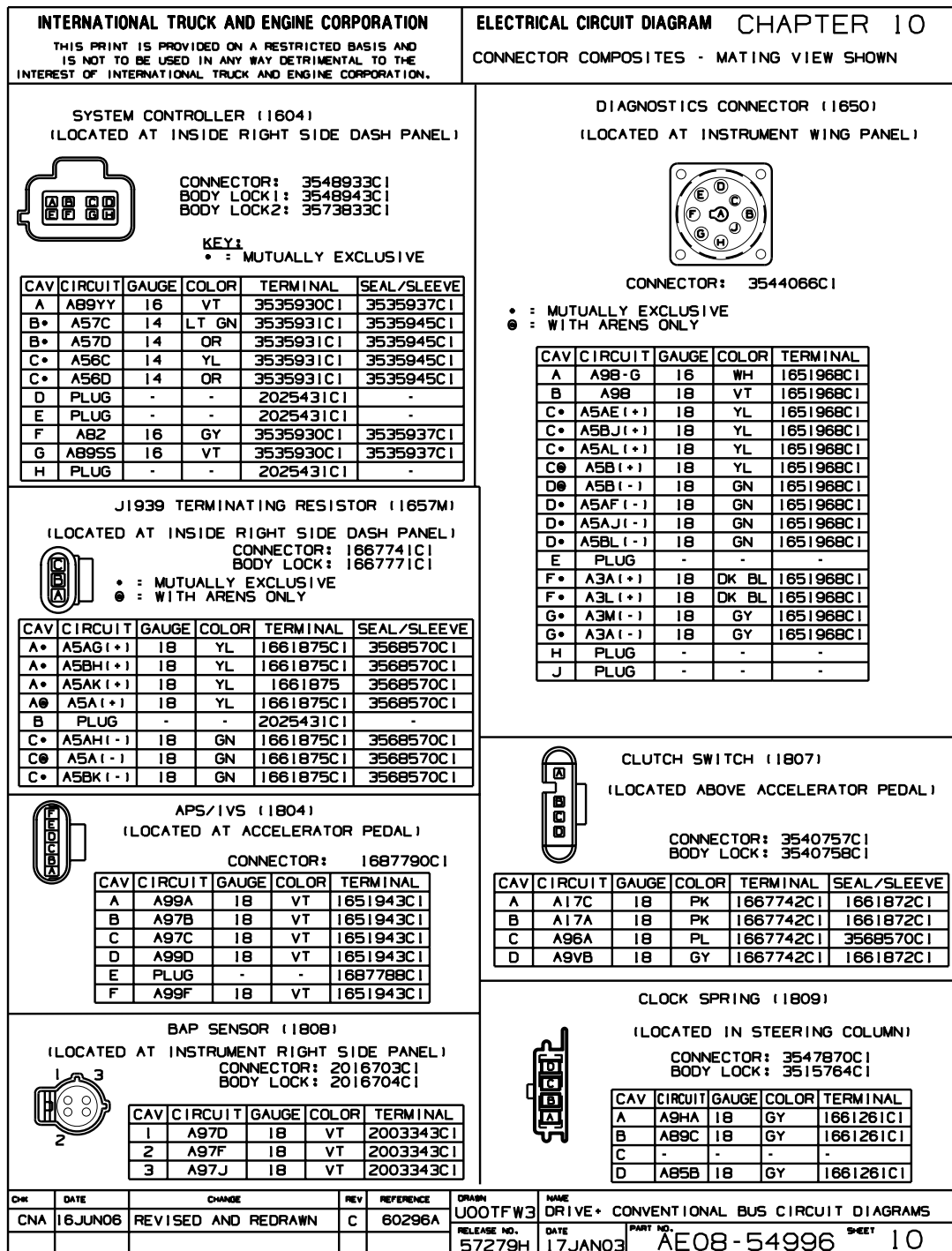


Figure 115 Connector Composites (1604), (1650), (1657M), (1804), (1807), (1808), (1809)

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

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																																																																																																												
TURN SIGNAL SWITCH (1810) (LOCATED AT STEERING COLUMN) CONNECTOR: 3539212C1				PRIMARY AIR PRESSURE SENSOR (1811) (LOCATED NEAR BRAKE PEDAL) CONNECTOR: 1678137C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <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> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A9VC	18	GY	1651943C1	B	A6HB	18	GY	1651943C1	C	A40	18	GY	1651943C1																																																																																					
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AIR BRAKE STOP LIGHT #1 SWITCH (1823) (LOCATED NEAR BRAKE PEDAL) CONNECTOR: 1661777C1 BODY LOCK: 1661873C1				SECONDARY AIR PRESSURE SENSOR (1812) (LOCATED NEAR BRAKE PEDAL) CONNECTOR: 1678137C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <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> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A9VE	18	GY	1651943C1	B	A6HA	18	GY	1651943C1	C	A40A	18	GY	1651943C1																																																																																					
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AIR BRAKE STOP LIGHT #2 SWITCH (1824) (LOCATED NEAR BRAKE PEDAL) CONNECTOR: 1661777C1 BODY LOCK: 1661873C1				MD XMSN PRIMARY SHIFT SELECTOR (1829) (LOCATED AT INSTRUMENT WING PANEL) CONNECTOR: 3522536C91 BODY LOCK: 3518287C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <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>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> <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> <tr><td>L</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</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> <tr><td>W</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	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	F	-	-	-	-	G	-	-	-	-	H	-	-	-	-	J	-	-	-	-	K	-	-	-	-	L	PLUG	-	-	3518314C1	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	W	-	-	-	-
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LCT SHIFT CONTROL (1828) (LOCATED AT INSTRUMENT WING PANEL) CONNECTOR: 1661196C1				LCT XMSN PARK SWITCH/PANEL LIGHT (1830) (LOCATED AT INSTRUMENT WING PANEL) CONNECTOR: 0587571C91 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>A92AB</td><td>18</td><td>TN</td><td>1661208C1</td><td></td></tr> <tr><td>B</td><td>A92</td><td>18</td><td>TN</td><td>1661208C1</td><td></td></tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A92AB	18	TN	1661208C1		B	A92	18	TN	1661208C1																																																																																								
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Figure 116 Connector Composites (1810), (1811), (1812), (1823), (1824), (1828), (1829), (1830)

10.17. CONNECTOR COMPOSITES (1850), (1900), P. 11A

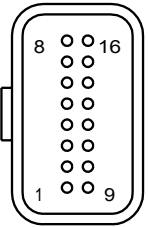
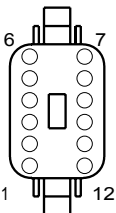
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																
<small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																
<div style="display: flex; justify-content: space-between;"><div style="width: 30%; text-align: center;"><p>SHIFT SELECTOR (1850)</p><p>CONNECTOR: 3605446C91</p></div><div style="width: 65%;"><table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><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>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>3</td><td>A62C</td><td>18</td><td>DK BL</td><td>3517243C1</td></tr><tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>5</td><td>A#169A</td><td>18</td><td>GY</td><td>3517243C1</td></tr><tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>8</td><td>A5MN(+)</td><td>18</td><td>YL</td><td>3517243C1</td></tr><tr><td>8</td><td>A5AJ(+)</td><td>18</td><td>YL</td><td>3517243C1</td></tr><tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>11</td><td>A134</td><td>18</td><td>WH</td><td>3517243C1</td></tr><tr><td>12</td><td>A#163A</td><td>18</td><td>YL</td><td>3517243C1</td></tr><tr><td>13</td><td>A#170A</td><td>18</td><td>PK</td><td>3517243C1</td></tr><tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr><tr><td>15</td><td>A5MM(-)</td><td>18</td><td>GN</td><td>3517243C1</td></tr><tr><td>15</td><td>A5BJ(-)</td><td>18</td><td>GN</td><td>3517243C1</td></tr><tr><td>16</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr></tbody></table></div></div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	3518314C1	2	PLUG	-	-	3518314C1	3	A62C	18	DK BL	3517243C1	4	PLUG	-	-	3518314C1	5	A#169A	18	GY	3517243C1	6	PLUG	-	-	3518314C1	7	PLUG	-	-	3518314C1	8	A5MN(+)	18	YL	3517243C1	8	A5AJ(+)	18	YL	3517243C1	9	PLUG	-	-	3518314C1	10	PLUG	-	-	3518314C1	11	A134	18	WH	3517243C1	12	A#163A	18	YL	3517243C1	13	A#170A	18	PK	3517243C1	14	PLUG	-	-	3518314C1	15	A5MM(-)	18	GN	3517243C1	15	A5BJ(-)	18	GN	3517243C1	16	PLUG	-	-	3518314C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																
1	PLUG	-	-	3518314C1																																																																																																
2	PLUG	-	-	3518314C1																																																																																																
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6	PLUG	-	-	3518314C1																																																																																																
7	PLUG	-	-	3518314C1																																																																																																
8	A5MN(+)	18	YL	3517243C1																																																																																																
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9	PLUG	-	-	3518314C1																																																																																																
10	PLUG	-	-	3518314C1																																																																																																
11	A134	18	WH	3517243C1																																																																																																
12	A#163A	18	YL	3517243C1																																																																																																
13	A#170A	18	PK	3517243C1																																																																																																
14	PLUG	-	-	3518314C1																																																																																																
15	A5MM(-)	18	GN	3517243C1																																																																																																
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16	PLUG	-	-	3518314C1																																																																																																
<div style="display: flex; justify-content: space-between;"><div style="width: 30%; text-align: center;"><p>TELEMATICS J2 (1900)</p><p>CONNECTOR: 3601923C91 BODY LOCK: 3601925C1</p></div><div style="width: 65%;"><table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><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>A3H(+)</td><td>18</td><td>DK BL</td><td>1680205C1</td></tr><tr><td>2</td><td>A3K(-)</td><td>18</td><td>GY</td><td>1680205C1</td></tr><tr><td>3</td><td>APPU</td><td>18</td><td>GY</td><td>1680205C1</td></tr><tr><td>4</td><td>AA2</td><td>18</td><td>GY</td><td>1680205C1</td></tr><tr><td>5</td><td>AA4</td><td>18</td><td>GY</td><td>1680205C1</td></tr><tr><td>6</td><td>AA6</td><td>18</td><td>GY</td><td>1680205C1</td></tr><tr><td>7</td><td>AA5</td><td>18</td><td>GY</td><td>1680205C1</td></tr><tr><td>8</td><td>AA3</td><td>18</td><td>GY</td><td>1680205C1</td></tr><tr><td>9</td><td>AA1</td><td>18</td><td>GY</td><td>1680205C1</td></tr><tr><td>10</td><td>A11-G</td><td>18</td><td>GY</td><td>1680205C1</td></tr><tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr></tbody></table></div></div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A3H(+)	18	DK BL	1680205C1	2	A3K(-)	18	GY	1680205C1	3	APPU	18	GY	1680205C1	4	AA2	18	GY	1680205C1	5	AA4	18	GY	1680205C1	6	AA6	18	GY	1680205C1	7	AA5	18	GY	1680205C1	8	AA3	18	GY	1680205C1	9	AA1	18	GY	1680205C1	10	A11-G	18	GY	1680205C1	11	PLUG	-	-	0453133C1	12	PLUG	-	-	0453133C1																														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																
1	A3H(+)	18	DK BL	1680205C1																																																																																																
2	A3K(-)	18	GY	1680205C1																																																																																																
3	APPU	18	GY	1680205C1																																																																																																
4	AA2	18	GY	1680205C1																																																																																																
5	AA4	18	GY	1680205C1																																																																																																
6	AA6	18	GY	1680205C1																																																																																																
7	AA5	18	GY	1680205C1																																																																																																
8	AA3	18	GY	1680205C1																																																																																																
9	AA1	18	GY	1680205C1																																																																																																
10	A11-G	18	GY	1680205C1																																																																																																
11	PLUG	-	-	0453133C1																																																																																																
12	PLUG	-	-	0453133C1																																																																																																
<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></td><td></td><td></td><td></td><td></td><td>U00K640</td><td>DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>RELEASE NO. 60296A</td><td>DATE 08APR06 PART NO. AE08-54996 SHEET 11A</td></tr></tbody></table>						CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME						U00K640	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS						RELEASE NO. 60296A	DATE 08APR06 PART NO. AE08-54996 SHEET 11A																																																																										
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Figure 117 Connector Composites (1850), (1900)

10.18. CONNECTOR COMPOSITES (1901), (1903), P. 11B

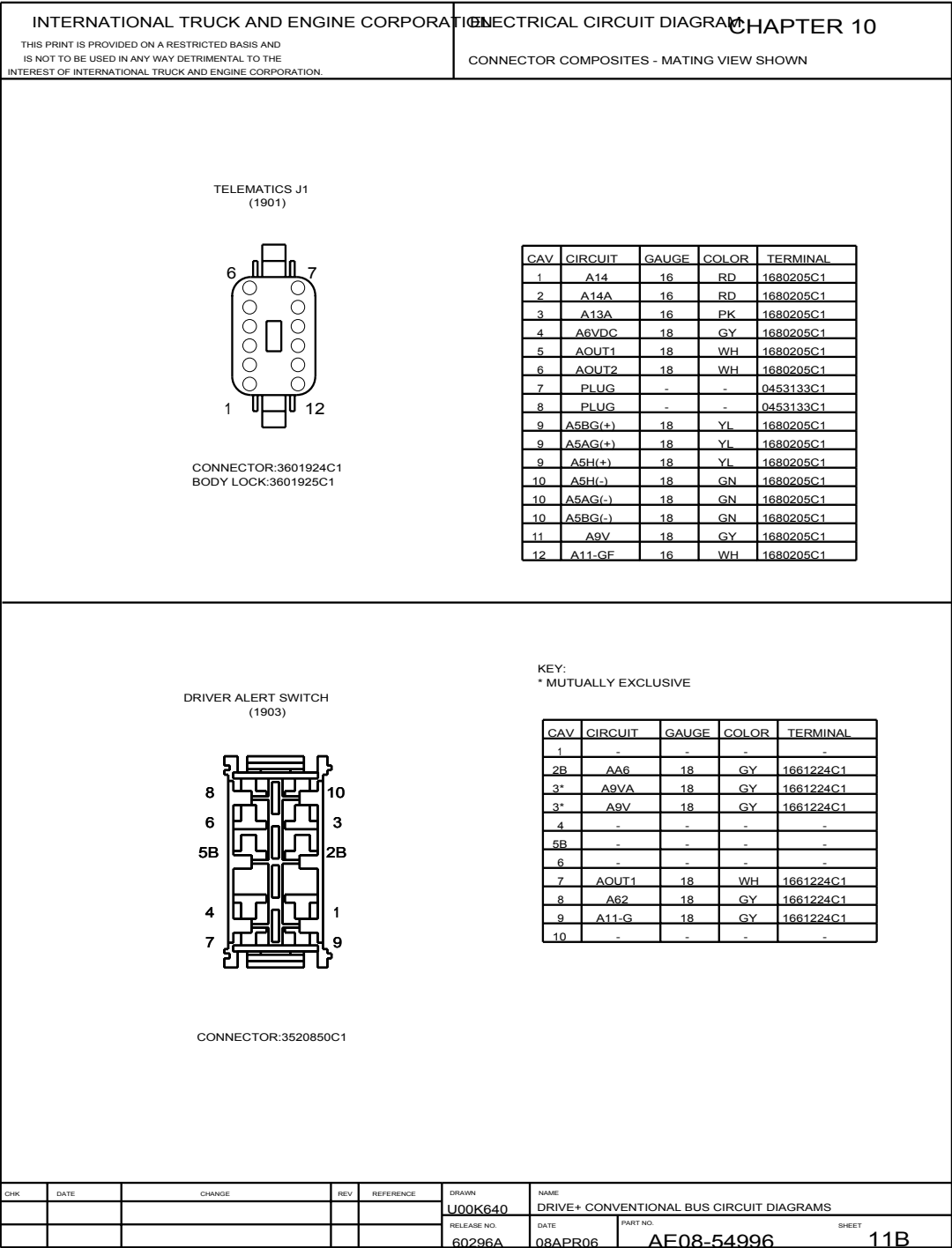


Figure 118 Connector Composites (1901), (1903)

10.19. CONNECTOR COMPOSITES (1904), (1905), P. 11C

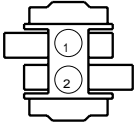
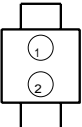
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<div style="display: flex; justify-content: space-around; align-items: flex-start;"><div style="text-align: center;"><p>CRS 1 (1904)</p><p>CONNECTOR: 1669030C1</p></div><div><table border="1" style="margin-left: auto; margin-right: auto;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>A53A</td><td>14</td><td>YL</td><td>1661538C1</td></tr><tr><td>2</td><td>A85A</td><td>16</td><td>GY</td><td>1661538C1</td></tr></tbody></table></div></div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A53A	14	YL	1661538C1	2	A85A	16	GY	1661538C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																		
1	A53A	14	YL	1661538C1																		
2	A85A	16	GY	1661538C1																		
<div style="display: flex; justify-content: space-around; align-items: flex-start;"><div style="text-align: center;"><p>CRS 2 (1905)</p><p>CONNECTOR: 1669029C1</p></div><div><table border="1" style="margin-left: auto; margin-right: auto;"><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>A53</td><td>14</td><td>YL</td><td>1661539C1</td></tr><tr><td>2</td><td>A85</td><td>16</td><td>GY</td><td>1661539C1</td></tr></tbody></table></div></div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A53	14	YL	1661539C1	2	A85	16	GY	1661539C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																		
1	A53	14	YL	1661539C1																		
2	A85	16	GY	1661539C1																		
<small>CHK</small>	<small>DATE</small>	<small>CHANGE</small>	<small>REV</small>	<small>REFERENCE</small>	<small>DRAWN</small> U00K640	<small>NAME</small> DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																
					<small>RELEASE NO.</small> 60296A	<small>DATE</small> 08APR06	<small>PART NO.</small> AF08-54996															
							<small>SHEET</small> 11C															

Figure 119 Connector Composites (1904), (1905)

10.20. CONNECTOR COMPOSITES (4002), (4003), (4005), (4006), (4009), (4010), (4011), P. 12

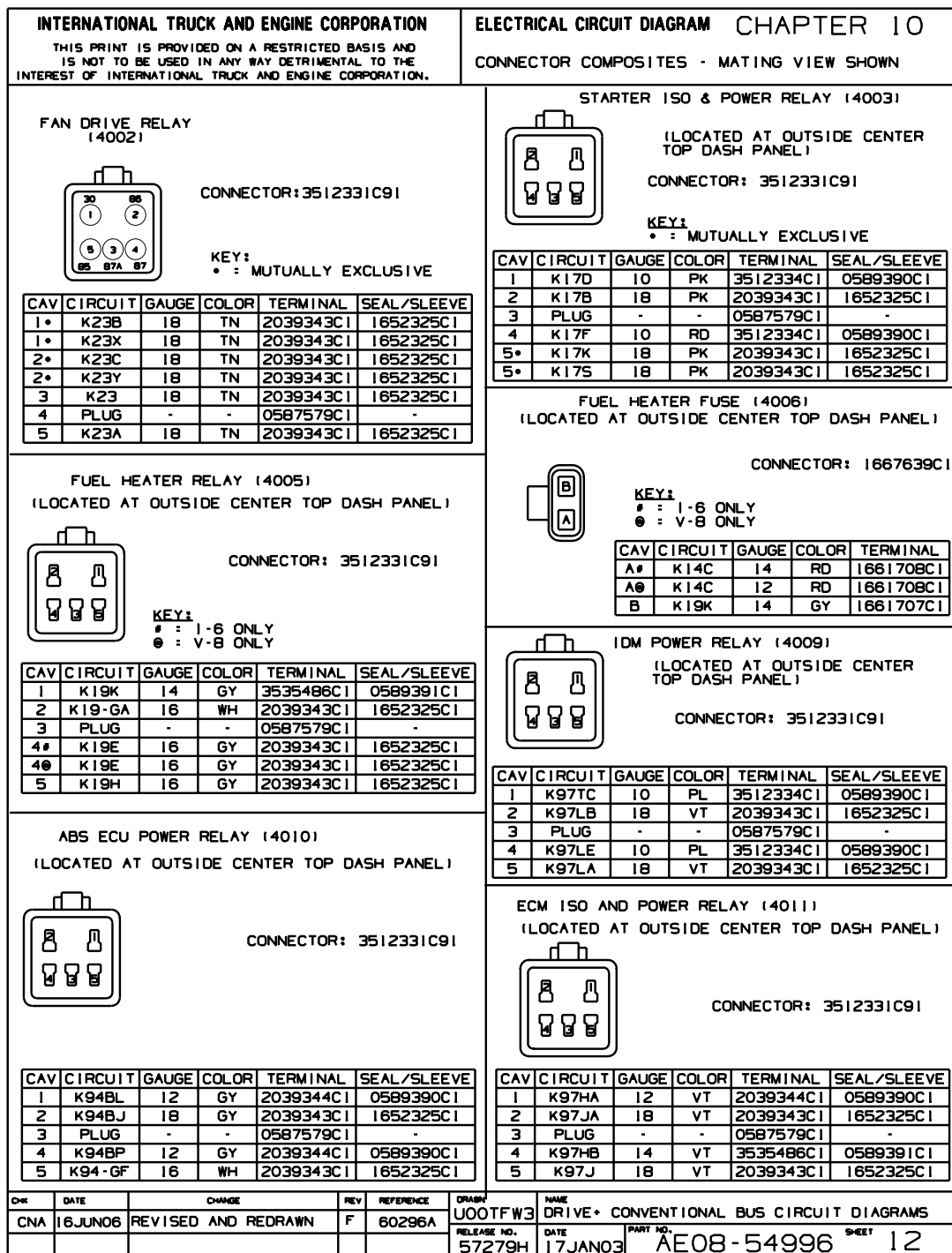


Figure 120 Connector Composites (4002), (4003), (4005), (4006), (4009), (4010), (4011)

10.21. CONNECTOR COMPOSITE (4013M), P. 13

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10

CONNECTOR COMPOSITES - MATING VIEW SHOWN

PASS THRU AT DASH (4013M)

I-6 ENGINE ONLY

(LOCATED AT OUTSIDE LEFT SIDE DASH PANEL)



CONNECTOR: 0598332C
BODY LOCK: 0598333C


KEY:
* = MUTUALLY EXCLUSIVE

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K44	18	GY	0587578C	1652325C
B	K89	16	VT	0587577C	1652325C
C	K64	14	BN	0587577C	0589391C
D	K52A	12	YL	1673748C	0589390C
E	K53A	12	YL	1673748C	0589390C
F*	K13A	16	PK	0587577C	1652325C
F*	K19H	16	GY	0587577C	1652325C
F*	K39K	16	GY	0587577C	1652325C
G	K56A	14	OR	0587577C	0589391C
H	K57A	14	OR	0587577C	0589391C
I*	K58AA	14	BN	0587577C	0589391C
I*	K58AB	14	BN	0587577C	0589391C
J	K85A	16	GY	0587577C	1652325C
K	K87A	18	GY	0587578C	3517771C
L	K87-G	18	GY	0587578C	3517771C
M*	K23D	18	TN	0587578C	1652325C
M*	K23AB	18	TN	0587578C	1652325C
N	K89B	16	VT	0587577C	1652325C
O	K56D	14	OR	0587577C	0589391C
O	K921C	14	RD	0587577C	0589391C
P	K57D	14	OR	0587577C	0589391C
P	K92JC	14	RD	0587577C	0589391C
O	PLUG	-	-	0587579C	-
O	K92KB-G	12	WH	1673748C	0589390C
R	K59J	18	GY	0587578C	1652325C
S	K59K	18	GY	0587578C	1652325C
T	K59L	18	GY	0587578C	1652325C
U	K59M	18	GY	0587578C	1652325C
V	K59H	14	GY	0587577C	0589391C

PASS THRU AT DASH (4013M)

V-8 ENGINE ONLY

(LOCATED AT OUTSIDE LEFT SIDE DASH PANEL)



CONNECTOR: 0598332C
BODY LOCK: 0598333C

KEY:
* = MUTUALLY EXCLUSIVE

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K44	18	GY	0587578C	1652325C
B	K89	16	VT	0587577C	1652325C
C	K64	14	BN	0587577C	0589391C
D	K52A	12	YL	1673748C	0589390C
E	K53A	12	YL	1673748C	0589390C
F*	K13A	16	PK	0587577C	1652325C
F*	K19H	16	GY	0587577C	1652325C
G	K56A	14	OR	0587577C	0589391C
H	K57A	14	OR	0587577C	0589391C
I	K58AA	14	BN	0587577C	0589391C
J	K85A	16	GY	0587577C	1652325C
K	K87A	18	GY	0587578C	3517771C
L	K87-G	18	GY	0587578C	3517771C
M*	K23Z	18	TN	0587578C	1652325C
M*	K23DA	18	TN	0587578C	1652325C
M*	K23AB	16	TN	0587577C	1652325C
N	K89B	16	VT	0587577C	1652325C
O	PLUG	-	-	0587579C	-
O	K921C	14	RD	0587577C	0589391C
P	PLUG	-	-	0587579C	-
P	K92JC	14	RD	0587577C	0589391C
O	PLUG	-	-	0587579C	-
O	K92KB-G	12	WH	1673748C	0589390C
R	K59J	18	GY	0587578C	1652325C
S	K59K	18	GY	0587578C	1652325C
T	K59L	18	GY	0587578C	1652325C
U	K59M	18	GY	0587578C	1652325C

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DATE	PART NO.	SHEET
CNA	16JUN06	REVISED AND REDRAWN	D	60296A	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS	17JAN03	AE08-54996	13
					RELEASE NO.				
					57279H				

Figure 121 Connector Composite (4013M)

10.22. CONNECTOR COMPOSITE (4013), P. 14

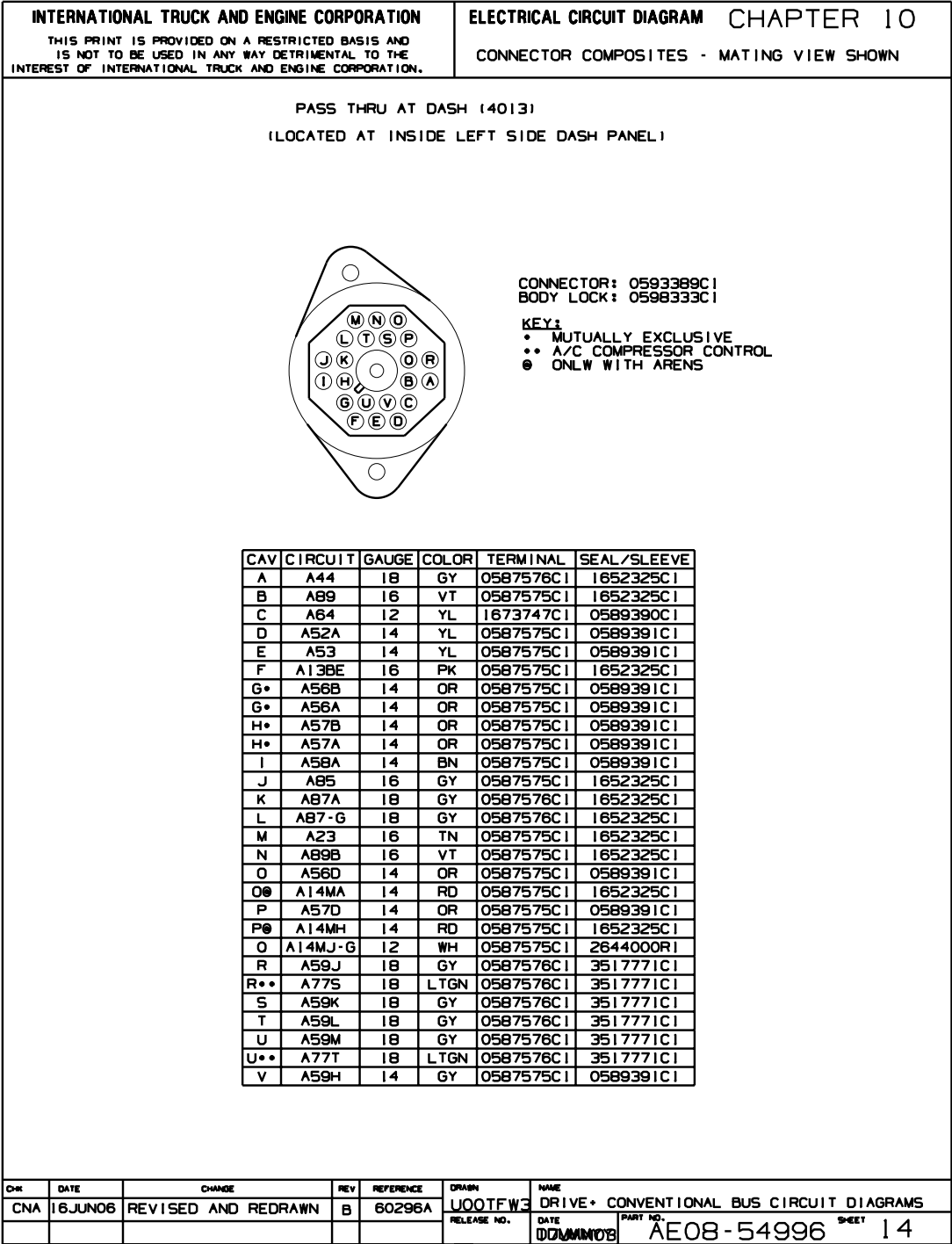


Figure 122 Connector Composite (4013)

10.23. CONNECTOR COMPOSITE (4014M), P. 15

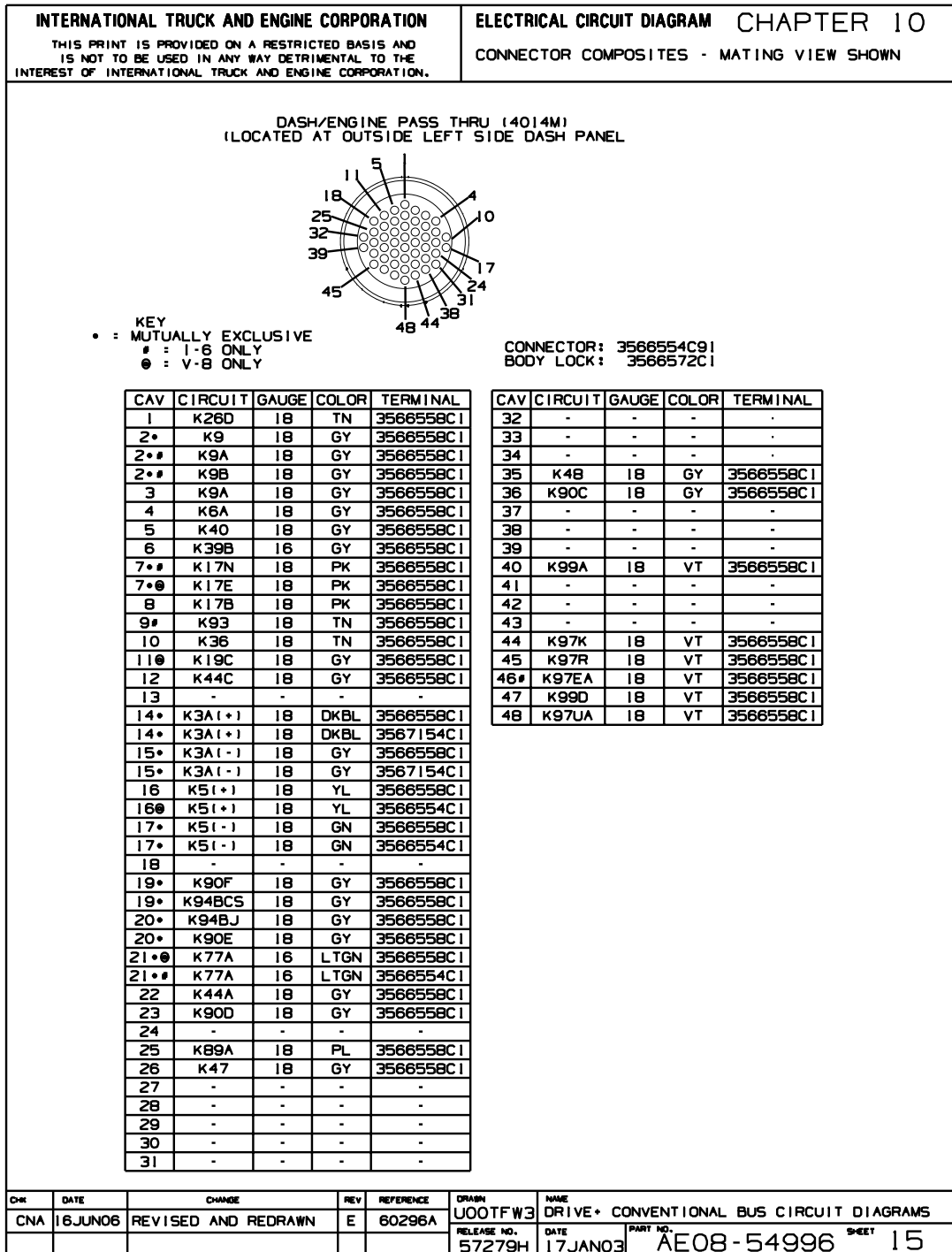


Figure 123 Connector Composite (4014M)

10.24. CONNECTOR COMPOSITE (4014), P. 16

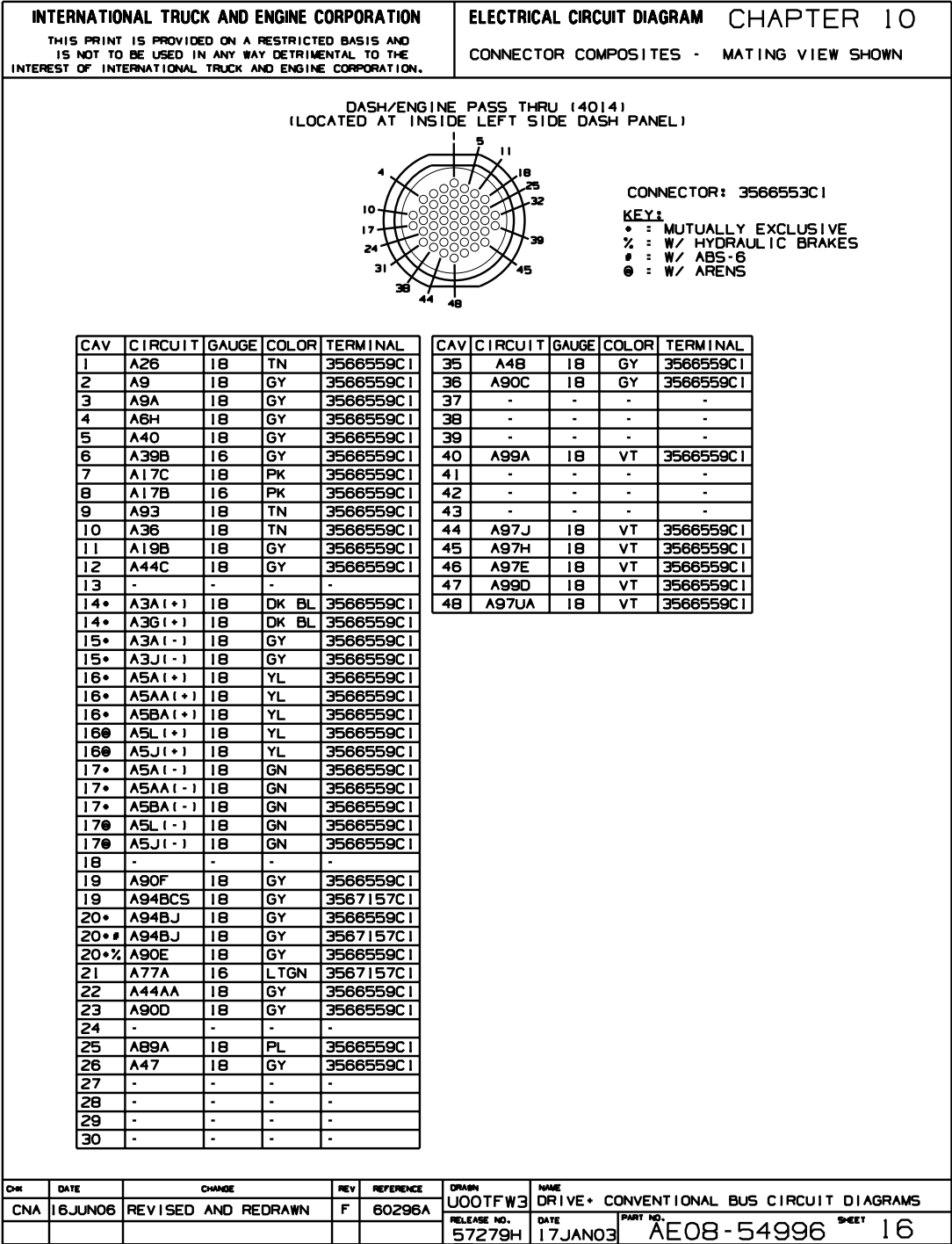


Figure 124 Connector Composite (4014)

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







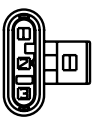
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<p style="text-align: center;">AIR DRYER/DRAIN VALVE RELAY (4016)</p> <p style="text-align: center;">(LOCATED AT OUTSIDE CENTER TOP DASH PANEL)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;">CONNECTOR: 3512331C1</div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>1</td><td>K39</td><td>14</td><td>GY</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>2</td><td>K39-G</td><td>16</td><td>WH</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> <tr><td>4</td><td>K39A</td><td>16</td><td>GY</td><td>2039343C1</td><td>1652325C1</td></tr> <tr><td>5</td><td>K39K</td><td>16</td><td>GY</td><td>2039343C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K39	14	GY	3535486C1	0589391C1	2	K39-G	16	WH	2039343C1	1652325C1	3	PLUG	-	-	0587579C1	-	4	K39A	16	GY	2039343C1	1652325C1	5	K39K	16	GY	2039343C1	1652325C1	<p style="text-align: center;">AIR DRYER/DRAIN VALVE FUSE (4017)</p> <p style="text-align: center;">(LOCATED AT OUTSIDE CENTER TOP DASH PANEL)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;">CONNECTOR: 1667639C1</div> </div> <p style="font-size: 8px;">KEY: # 1-6 ENGINE ONLY ● V-8 ENGINE ONLY</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A#</td><td>K14L</td><td>14</td><td>RD</td><td>1661707C1</td></tr> <tr><td>A●</td><td>K14L</td><td>12</td><td>RD</td><td>1661708C1</td></tr> <tr><td>B</td><td>K39</td><td>14</td><td>GY</td><td>1661707C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A#	K14L	14	RD	1661707C1	A●	K14L	12	RD	1661708C1	B	K39	14	GY	1661707C1
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<p style="text-align: center;">IDM LOGIC FUSE (4018)</p> <p style="text-align: center;">(LOCATED AT OUTSIDE CENTER TOP DASH PANEL)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;">CONNECTOR: 1667639C1</div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>K97LC</td><td>14</td><td>VT</td><td>1661707C1</td></tr> <tr><td>B</td><td>K97LD</td><td>14</td><td>VT</td><td>1661707C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K97LC	14	VT	1661707C1	B	K97LD	14	VT	1661707C1	<p style="text-align: center;">ECM POWER FUSE (4019)</p> <p style="text-align: center;">(LOCATED AT OUTSIDE CENTER TOP DASH PANEL)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;">CONNECTOR: 1667639C1</div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>K97H</td><td>14</td><td>VT</td><td>1661707C1</td></tr> <tr><td>B</td><td>K97HD</td><td>14</td><td>VT</td><td>1661707C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K97H	14	VT	1661707C1	B	K97HD	14	VT	1661707C1																										
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<p style="text-align: center;">HYD BRAKE SWITCH (4036)</p> <p style="text-align: center;">(LOCATED AT HYDRAULIC MASTER CYLINDER)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;">CONNECTOR: 3522187C1</div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>1</td><td>K90B</td><td>18</td><td>GY</td><td>3522190C1</td><td>3522193C1</td></tr> <tr><td>2</td><td>K90C</td><td>18</td><td>GY</td><td>3522190C1</td><td>3522193C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>3522197C1</td><td>-</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K90B	18	GY	3522190C1	3522193C1	2	K90C	18	GY	3522190C1	3522193C1	3	PLUG	-	-	3522197C1	-																																
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Figure 125 Connector Composites (4016), (4017), (4018), (4019), (4020), (4034), (4036)

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

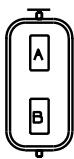

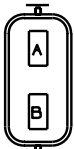

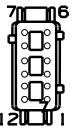
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<p style="text-align: center;">FULL POWER BRAKE FUSE (4039) (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 3525613C1 COVER: 3515524C1</p> </div> </div> <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><th>SEAL/SLEEVE</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	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K14E	10	RD	3515526C1	3515525C1	B	K90-A	10	GY	3515526C1	3515525C1	<p style="text-align: center;">HYDRAULIC BRAKE VALVE FUSE (4040) (LOCATED AT OUTSIDE CENTER TOP DASH PANEL)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 3512967C1</p> </div> </div> <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>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	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K14F	10	RD	1661708C1	B	K94LA	10	GY	1661708C1																																																																				
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11	K26A	18	TN	3518963C1																																																																																																								
12	K19-GP	18	WH	3518963C1																																																																																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRAWN</th><th>NAME</th></tr> <tr> <td>CNA</td><td>16JUN06</td><td>REVISED AND REDRAWN</td><td>C</td><td>60296A</td><td>UOOTFW3</td><td>DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>RELEASE NO. 57279H</td><td>DATE 17JAN03 PART NO. AE08-54996 SHEET 18</td></tr> </table>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA	16JUN06	REVISED AND REDRAWN	C	60296A	UOOTFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS						RELEASE NO. 57279H	DATE 17JAN03 PART NO. AE08-54996 SHEET 18																																																																																
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Figure 126 Connector Composites (4039), (4040), (4041), (4046), (4087)

10.27. CONNECTOR COMPOSITES (4200), (4201), (4202), (4203), P. 18A

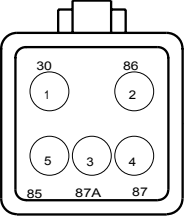
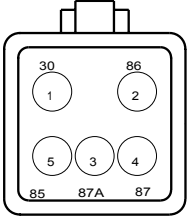
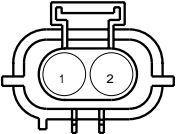
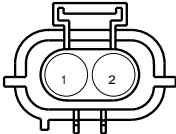
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																					
<small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				CONNECTOR COMPOSITES - MATING VIEW SHOWN																																					
<div style="display: flex; justify-content: space-between;"><div style="width: 30%;"><p>A/C ACCOMODATION RELAY #1 (4200)</p></div><div style="width: 30%; text-align: center;"><p>CONNECTOR:3512331C91</p></div><div style="width: 35%;"><table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>1</td><td>K77Y</td><td>18</td><td>LT GN</td><td>2039343C1</td><td>1652325C1</td></tr><tr><td>2</td><td>K77W</td><td>18</td><td>LT GN</td><td>2039343C1</td><td>1652325C1</td></tr><tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr><tr><td>4</td><td>K77U</td><td>14</td><td>LT GN</td><td>3535486C1</td><td>0589391C1</td></tr><tr><td>5</td><td>K77T</td><td>18</td><td>LT GN</td><td>2039343C1</td><td>1652325C1</td></tr></tbody></table></div></div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K77Y	18	LT GN	2039343C1	1652325C1	2	K77W	18	LT GN	2039343C1	1652325C1	3	PLUG	-	-	0587579C1	-	4	K77U	14	LT GN	3535486C1	0589391C1	5	K77T	18	LT GN	2039343C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																				
1	K77Y	18	LT GN	2039343C1	1652325C1																																				
2	K77W	18	LT GN	2039343C1	1652325C1																																				
3	PLUG	-	-	0587579C1	-																																				
4	K77U	14	LT GN	3535486C1	0589391C1																																				
5	K77T	18	LT GN	2039343C1	1652325C1																																				
<div style="display: flex; justify-content: space-between;"><div style="width: 30%;"><p>A/C ACCOMODATION RELAY #2 (4201)</p></div><div style="width: 30%; text-align: center;"><p>CONNECTOR:3512331C91</p></div><div style="width: 35%;"><table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>1</td><td>K77Z</td><td>18</td><td>LT GN</td><td>2039343C1</td><td>1652325C1</td></tr><tr><td>2</td><td>K77X</td><td>18</td><td>LT GN</td><td>2039343C1</td><td>1652325C1</td></tr><tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr><tr><td>4</td><td>K77V</td><td>14</td><td>LT GN</td><td>3535486C1</td><td>0589391C1</td></tr><tr><td>5</td><td>K77S</td><td>18</td><td>LT GN</td><td>2039343C1</td><td>1652325C1</td></tr></tbody></table></div></div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K77Z	18	LT GN	2039343C1	1652325C1	2	K77X	18	LT GN	2039343C1	1652325C1	3	PLUG	-	-	0587579C1	-	4	K77V	14	LT GN	3535486C1	0589391C1	5	K77S	18	LT GN	2039343C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																				
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3	PLUG	-	-	0587579C1	-																																				
4	K77V	14	LT GN	3535486C1	0589391C1																																				
5	K77S	18	LT GN	2039343C1	1652325C1																																				
<div style="display: flex; justify-content: space-between;"><div style="width: 30%;"><p>BODY BUILDER #1 (4202)</p></div><div style="width: 30%; text-align: center;"><p>CONNECTOR:2206600C1 BODY LOCK:2206601C1</p></div><div style="width: 35%;"><table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>1</td><td>K77AA</td><td>14</td><td>LT GN</td><td>2206596C1</td><td>2206612C1</td></tr><tr><td>2</td><td>K77U</td><td>14</td><td>LT GN</td><td>2206596C1</td><td>2206612C1</td></tr></tbody></table></div></div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K77AA	14	LT GN	2206596C1	2206612C1	2	K77U	14	LT GN	2206596C1	2206612C1																		
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1	K77AA	14	LT GN	2206596C1	2206612C1																																				
2	K77U	14	LT GN	2206596C1	2206612C1																																				
<div style="display: flex; justify-content: space-between;"><div style="width: 30%;"><p>BODY BUILDER #2 (4203)</p></div><div style="width: 30%; text-align: center;"><p>CONNECTOR:2206600C1 BODY LOCK:2206601C1</p></div><div style="width: 35%;"><table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>1</td><td>K77AB</td><td>14</td><td>LT GN</td><td>2206596C1</td><td>2206612C1</td></tr><tr><td>2</td><td>K77V</td><td>14</td><td>LT GN</td><td>2206596C1</td><td>2206612C1</td></tr></tbody></table></div></div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K77AB	14	LT GN	2206596C1	2206612C1	2	K77V	14	LT GN	2206596C1	2206612C1																		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																				
1	K77AB	14	LT GN	2206596C1	2206612C1																																				
2	K77V	14	LT GN	2206596C1	2206612C1																																				
<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"><tr><td style="width: 10%;">CHK</td><td style="width: 10%;">DATE</td><td style="width: 20%;">CHANGE</td><td style="width: 10%;">REV</td><td style="width: 10%;">REFERENCE</td><td style="width: 15%;">DRAWN U00K640</td><td style="width: 35%;">NAME DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>RELEASE NO. 60296A</td><td>DATE 08APR06</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td>PART NO. AE08-54996</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td style="text-align: right;">SHEET 18A</td></tr></table>						CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00K640	NAME DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS						RELEASE NO. 60296A	DATE 08APR06							PART NO. AE08-54996							SHEET 18A								
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00K640	NAME DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																			
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						SHEET 18A																																			

Figure 127 Connector Composites (4200), (4201), (4202), (4203)

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

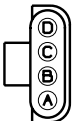



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CROSSING GATE ASSY W/ MOTOR (4301) (LOCATED AT RIGHT SIDE NEAR FRONT BUMPER)																																					
		CONNECTOR: 0587572C91		<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</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	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	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	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
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																																
LEFT FOG LIGHT (4302) (LOCATED AT LEFT SIDE NEAR FRONT BUMPER)																																					
		CONNECTOR: 0587567C91		<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</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	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N64A	14	YL	0587577C1	0589391C1	B	N64A-G	14	WH	0587577C1	0589391C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
A	N64A	14	YL	0587577C1	0589391C1																																
B	N64A-G	14	WH	0587577C1	0589391C1																																
RIGHT FOG LIGHT (4303) (LOCATED AT RIGHT SIDE NEAR FRONT BUMPER)																																					
		CONNECTOR: 0587567C91		<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</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	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N64B	14	YL	0587577C1	0589391C1	B	N64B-G	14	WH	0587577C1	0589391C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
A	N64B	14	YL	0587577C1	0589391C1																																
B	N64B-G	14	WH	0587577C1	0589391C1																																
WINDSHIELD WASHER PUMP (4500) (LOCATED AT ENGINE COMPARTMENT)																																					
		CONNECTOR: 3522068C1 BODY LOCK: 1661874C1		<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</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	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N87-G	18	GY	1661875C1	3568570C1	B	N87A	18	GY	1661875C1	3568570C1												
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
A	N87-G	18	GY	1661875C1	3568570C1																																
B	N87A	18	GY	1661875C1	3568570C1																																
CHK	DATE	CHANGE	REV	REFERENCE	DRAIN	NAME																															
CNA	16JUN06	REVISED AND REDRAWN	B	60296A	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																															
					RELEASE NO.	DATE	PART NO.																														
					57279H	17JAN03	AE08-54996																														
							19																														

Figure 128 Connector Composites (4301), (4302), (4303), (4500)

10.29. CONNECTOR COMPOSITE (4705), P. 20

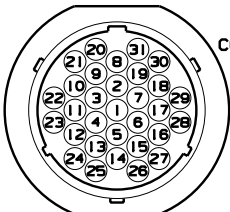
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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10

CONNECTOR COMPOSITES - MATING VIEW SHOWN

PASS THRU AT DASH (4705)
(LOCATED AT INSIDE DASH PANEL LEFT SIDE)



CONNECTOR: 3524632C1

● W/WTEC
% = MUTUALLY EXCLUSIVE

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	A#170	18	OR	1680205C1	N/A
10	A134	18	WH	1680205C1	N/A
1%	A92NV	18	TN	1680205C1	N/A
2%	A#171	18	TN	1680205C1	N/A
2%	A92NG	18	TN	1680205C1	N/A
3%	A#172	18	TN	1680205C1	N/A
3%	A92NH	18	TN	1680205C1	N/A
4%	A#173	18	TN	1680205C1	N/A
4%	A92NT	18	TN	1680205C1	N/A
5%	A#174	18	TN	1680205C1	N/A
5%	A92NU	18	TN	1680205C1	N/A
6%	A#175	18	TN	1680205C1	N/A
6%	A92NF	18	TN	1680205C1	N/A
7%	A#180	18	TN	1680205C1	N/A
7%	A92NP	18	TN	1680205C1	N/A
8%	A#124	18	TN	1680205C1	N/A
8%	A92MB	16	TN	1680205C1	N/A
9%	A#143	18	TN	1680205C1	N/A
9%	A#169A	18	GY	1680205C1	N/A
9%	A92MC	16	TN	1680205C1	N/A
10	A#136	18	TN	1680205C1	N/A
100%	A#170A	18	PK	1680205C1	N/A
10	A92MF	16	TN	1680205C1	N/A
11	A59N	18	GY	1680205C1	N/A
12%	A92MG	16	TN	1680205C1	N/A
12%	A#146	18	TN	1680205C1	N/A
13	A59P	18	GY	1680205C1	N/A
14	A#101	18	TN	1680205C1	N/A
15%	A13M	18	PK	1680205C1	N/A
15%	A#163	18	YL	1680205C1	N/A
15%	A#163	18	PK	1680205C1	2644000R1
16	A59R	18	GY	1680205C1	N/A
17	A59S	18	GY	1680205C1	N/A
18	A59T	18	GY	1680205C1	N/A
19	A59U	18	GY	1680205C1	N/A
20	A59V	18	GY	1680205C1	N/A
21	A59W	18	GY	1680205C1	N/A
22	A59X	18	GY	1680205C1	N/A
23	A59Y	18	GY	1680205C1	N/A
24	A59Z	18	GY	1680205C1	N/A
25	A59AA	18	GY	1680205C1	N/A
26	A71	16	OR	1680205C1	N/A
27%	A#110	18	TN	1680205C1	N/A
27%	A#101	18	TN	1680205C1	N/A
27%	A#142	18	WH	1680205C1	N/A
28%	A#103	18	TN	1680205C1	N/A
29	A31C	18	TN	1680205C1	N/A
30	A#113	18	OR	1680205C1	N/A
30%	A#165	18	TN	1680205C1	N/A
31	A71BB	16	LTBL/OR	1680205C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	16JUN06	REVISED AND REDRAWN	D	60296A	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS
					RELEASE NO.	PART NO.
					57279H	17JAN03
						AE08-54996
						SHEET 20

Figure 129 Connector Composite (4705)

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

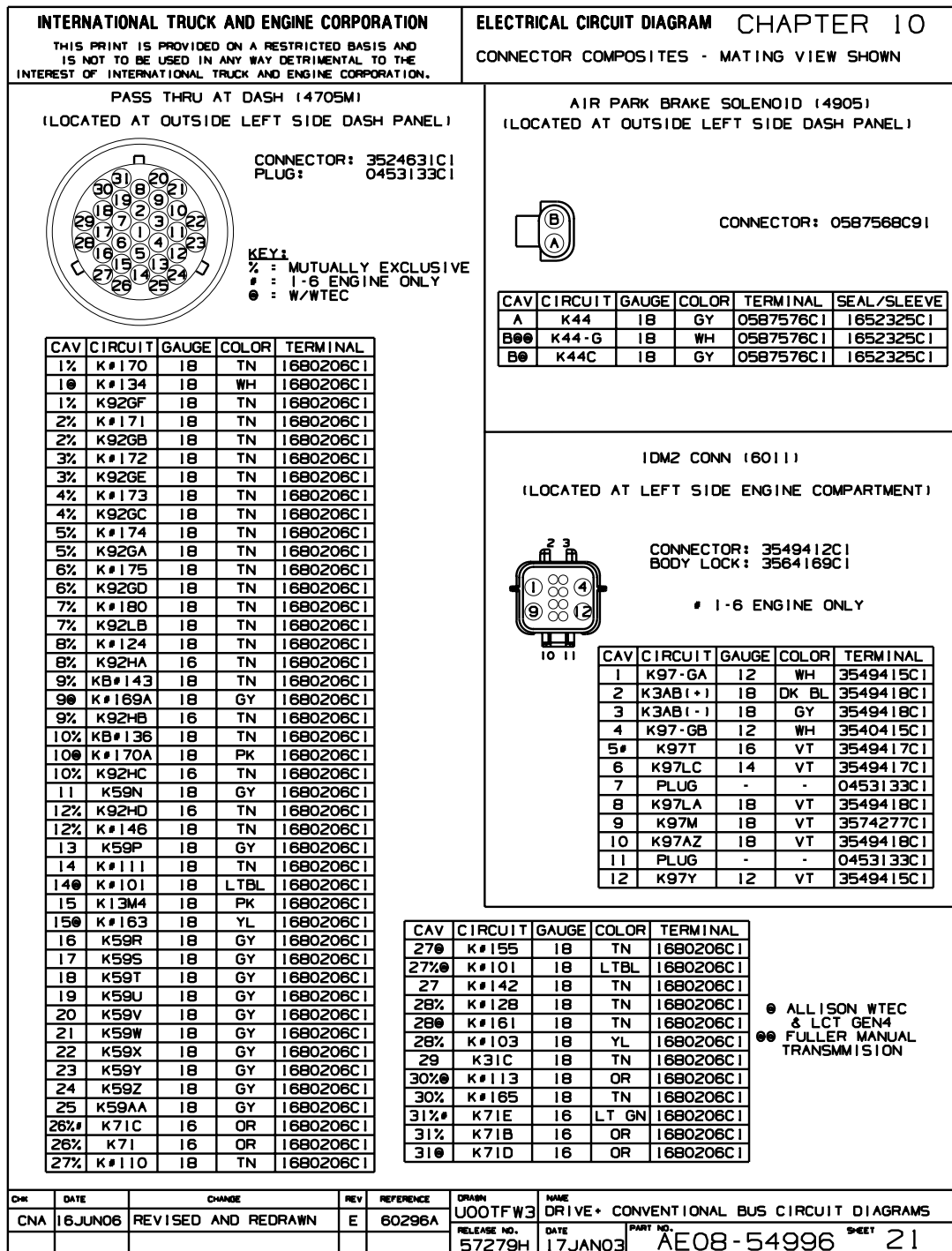


Figure 130 Connector Composites (4705M), (4905), (6011)

10.31. CONNECTOR COMPOSITES (6020), (6021), P. 22

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10

CONNECTOR COMPOSITES - MATING VIEW SHOWN

ECM2 CONN - X3 (6020)
(LOCATED AT ENGINE
COMPARTMENT AT ECM)

CONNECTOR: 3562311C1

• : MUTUALLY EXCLUSIVE
: 1-6 ENGINE ONLY

⊗ ALLISON GEN IV

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	K97F	16	VT	3562315C1
2	K97Z	16	VT	3562315C1
3	PLUG	-	-	3562316C1
4	K97R	18	VT	3562314C1
5	PLUG	-	-	3562316C1
6	PLUG	-	-	3562316C1
7	PLUG	-	-	3562316C1
8	PLUG	-	-	3562316C1
9	K*47A	18	GY	3562314C1
10*	K#157	18	GY	3562314C1
10*	K#126	18	TN	3562314C1
10⊗	K#125	18	TN	3562314C1
10⊗⊗	K#47	18	GY	3562314C1
11	PLUG	-	-	3562316C1
12	K99D	18	VT	3562314C1
13	PLUG	-	-	3562316C1
14	K23A	18	TN	3562314C1
15	PLUG	-	-	3562316C1
16	PLUG	-	-	3562316C1
17	PLUG	-	-	3562316C1
18	K99A	18	VT	3562314C1
19	PLUG	-	-	3562316C1
20	K3AA(+)	18	DK BL	3562314C1
21	K3AA(-)	18	GY	3562314C1
22	PLUG	-	-	3562316C1
23	PLUG	-	-	3562316C1
24	K97E	18	VT	3562314C1

ECM2 CONN - X4 (6021)
(LOCATED AT ENGINE
COMPARTMENT AT ECM)

KEY:
• : MUTUALLY EXCLUSIVE

CONNECTOR: 3562312C1

⊗ ALLISON GEN IV
⊗⊗ FULLER MANUAL XMSN

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	K97F	16	VT	3562315C1
2	K97Z	16	VT	3562315C1
3	PLUG	-	-	3562316C1
4	K97R	18	VT	3562314C1
5	PLUG	-	-	3562316C1
6	PLUG	-	-	3562316C1
7	PLUG	-	-	3562316C1
8	PLUG	-	-	3562316C1
9	K*47A	18	GY	3562314C1
10*	K#157	18	GY	3562314C1
10*	K#126	18	TN	3562314C1
10⊗	K#125	18	TN	3562314C1
10⊗⊗	K#47	18	GY	3562314C1
11	PLUG	-	-	3562316C1
12	K99D	18	VT	3562314C1
13	PLUG	-	-	3562316C1
14	K23A	18	TN	3562314C1
15	PLUG	-	-	3562316C1
16	PLUG	-	-	3562316C1
17	PLUG	-	-	3562316C1
18	K99A	18	VT	3562314C1
19	PLUG	-	-	3562316C1
20	K3AA(+)	18	DK BL	3562314C1
21	K3AA(-)	18	GY	3562314C1
22	PLUG	-	-	3562316C1
23	PLUG	-	-	3562316C1
24	K97E	18	VT	3562314C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET
CNA	16JUN06	REVISED AND REDRAWN	F	60296A	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS	AE08-54996	22
					RELEASE NO. 57279H	DATE 17JAN03		

Figure 131 Connector Composites (6020), (6021)

10.32. CONNECTOR COMPOSITES (6316), (6323F), (6323M), (6350), P. 23

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;">THERMAL OVERCRANK PROTECTION (6316) (LOCATED AT STARTER)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div> <p>CONNECTOR: 2036583C1</p> <table border="1" style="margin-top: 10px; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>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> </tbody> </table> </div> </div>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K17L	18	PK	2036586C1	B	K17K	18	PK	2036586C1	<p style="text-align: center;">ECM2 CLEAN POWER & GROUND (6323F) (LOCATED AT STARTER)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div> <p>CONNECTOR: 1667733C1 BODY LOCK: 1667734C1</p> <table border="1" style="margin-top: 10px; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <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> </tbody> </table> </div> </div>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K97TD	10	VT	1667737C1	1667735C1	B	K97-G	10	WH	1667737C1	1667735C1	C	K97	10	VT	1667737C1	1667735C1																															
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B	K97-G	10	WH	1667737C1	1667735C1																																																																								
C	K97	10	VT	1667737C1	1667735C1																																																																								
<p style="text-align: center;">ECM2 CLEAN POWER & GROUND (6323M) (LOCATED NEAR BATTERY CABLES)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div> <p>CONNECTOR: 1667732C1 BODY LOCK: 1667734C1</p> <table border="1" style="margin-top: 10px; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <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> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N97AA	10	RD	2025425C1	1667735C1	B	N97-G	10	WH	2025425C1	1667735C1	C	N92AA	10	RD	2025425C1	1667735C1																																																
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B	N97-G	10	WH	2025425C1	1667735C1																																																																								
C	N92AA	10	RD	2025425C1	1667735C1																																																																								
<p style="text-align: center;">GROUND SPLICE PACK (6350) (LOCATED AT ENGINE COMPARTMENT NEAR STARTER)</p> <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p>KEY: # : 1-6 ENGINE ONLY</p> </div> <div style="flex: 2; margin-left: 20px;"> <p>CONNECTOR: 3543730C1 BODY LOCK: 3543732C1 BUS BAR COVER: 3543735C1</p> <table border="1" style="margin-top: 10px; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>K11-GG</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>18</td><td>WH</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>K</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>L</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>M</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K11-GG	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	18	WH	3535303C1	3535424C1	K	PLUG	-	-	3535425C1	-	L	PLUG	-	-	3535425C1	-	M	PLUG	-	-	3535425C1	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																								
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CNA	16JUN06	REVISED AND REDRAWN	D	60296A	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																																																							
					RELEASE NO. 57279H	DATE 17JAN03 PART NO. AE08-54996 SHEET 23																																																																							

Figure 132 Connector Composites (6316), (6323F), (6323M), (6350)

10.33. CONNECTOR COMPOSITES (6200M), (6400), (6407), (6703), (6708), P. 24

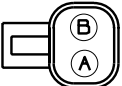




INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																										
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p style="text-align: center;">A/C COMPRESSOR (6200M)</p>  <p style="text-align: center;">CONNECTOR: 167B137C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr> <td>A</td><td>LX77-G</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>LX77A</td><td>16</td><td>LT GN</td><td>2033819C1</td><td>1652325C1</td></tr> </table> </div> </div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	LX77-G	18	WH	2033819C1	1652325C1	B	LX77A	16	LT GN	2033819C1	1652325C1																					
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B	LX77A	16	LT GN	2033819C1	1652325C1																																									
<p style="text-align: center;">FAN AIR SOLENOID (6407)</p> <p style="text-align: center;">(LOCATED AT OUTSIDE LEFT SIDE DASH PANEL)</p>  <p style="text-align: center;">CONNECTOR: 1671610C1 BODY LOCK: 1671608C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr> <td>A•</td><td>K23DA</td><td>18</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr> <td>A•</td><td>K23DL</td><td>18</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>K97N</td><td>18</td><td>VT</td><td>2033819C1</td><td>1652325C1</td></tr> </table> <p style="text-align: center;">• MUTUALLY EXCLUSIVE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A•	K23DA	18	TN	2033819C1	1652325C1	A•	K23DL	18	TN	2033819C1	1652325C1	B	K97N	18	VT	2033819C1	1652325C1	<p style="text-align: center;">LOW COOLANT SENSOR (6400)</p> <p style="text-align: center;">(LOCATED AT ENGINE COMPARTMENT NEAR SURGE TANK)</p>  <p style="text-align: center;">CONNECTOR: 2036583C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr> <td>A</td><td>K34A</td><td>18</td><td>TN</td><td>2036586C1</td></tr> <tr> <td>B</td><td>K34-G</td><td>16</td><td>WH</td><td>2036586C1</td></tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K34A	18	TN	2036586C1	B	K34-G	16	WH	2036586C1
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A	K34A	18	TN	2036586C1																																										
B	K34-G	16	WH	2036586C1																																										
<p style="text-align: center;">INTAKE AIR TEMPERATURE (6703)</p> <p style="text-align: center;">(LOCATED AT ALTERNATOR)</p>  <p style="text-align: center;">CONNECTOR: 1689462C1 BODY LOCK: 1689463C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr> <td>A</td><td>K97T</td><td>16</td><td>VT</td><td>1689464C1</td></tr> <tr> <td>B</td><td>K97S</td><td>16</td><td>VT</td><td>1689464C1</td></tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K97T	16	VT	1689464C1	B	K97S	16	VT	1689464C1	<p style="text-align: center;">FUEL FILTER PREHEATER (6708)</p> <p style="text-align: center;">(16 ONLY)</p> <p style="text-align: center;">(LOCATED AT ENGINE COMPARTMENT FUEL FILTER)</p>  <p style="text-align: center;">CONNECTOR: 3578645C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr> <td>1</td><td>K19E</td><td>14</td><td>GY</td><td>3559035C1</td><td>3575783C1</td></tr> <tr> <td>2</td><td>K19-GB</td><td>14</td><td>WH</td><td>3559035C1</td><td>3575783C1</td></tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K19E	14	GY	3559035C1	3575783C1	2	K19-GB	14	WH	3559035C1	3575783C1						
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Figure 133 Connector Composites (6200M), (6400), (6407), (6703), (6708)

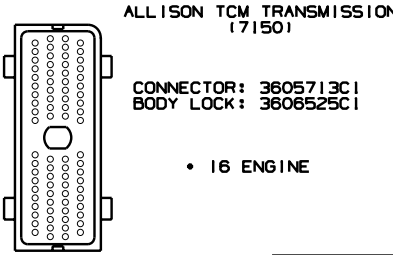
10.34. CONNECTOR COMPOSITES (6406), (6709), (6715), (7104M), (7104F), (7104FA), (7104FT), P. 25

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<p style="text-align: center;">FUEL HEATER (6709) (LOCATED AT ENGINE COMPARTMENT FUEL FILTER)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-left: 20px;">CONNECTOR: 3562853C1</div> </div> <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><th>SEAL/SLEEVE</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	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K19E	18	GY	3561584C1	3536868C1	2	K19C	18	GY	3561584C1	3536868C1	<p style="text-align: center;">COMPRESSOR PRESSURE SENSOR (6715) (LOCATED AT ENGINE COMPARTMENT AIR COMPRESSOR)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-left: 20px;">CONNECTOR: 1678137C1</div> </div> <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><th>SEAL/SLEEVE</th></tr> <tr> <td>A</td><td>K9A</td><td>18</td><td>GY</td><td>1651943C1</td><td></td></tr> <tr> <td>B</td><td>K6A</td><td>18</td><td>GY</td><td>1651943C1</td><td></td></tr> <tr> <td>C</td><td>K40</td><td>18</td><td>GY</td><td>1651943C1</td><td></td></tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K9A	18	GY	1651943C1		B	K6A	18	GY	1651943C1		C	K40	18	GY	1651943C1	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
1	K19E	18	GY	3561584C1	3536868C1																																												
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																												
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B	K6A	18	GY	1651943C1																																													
C	K40	18	GY	1651943C1																																													
<p style="text-align: center;">FAN CLUTCH CONNECTION (6406)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-left: 20px;">CONNECTOR: 0587568C91</div> </div> <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><th>SEAL/SLEEVE</th></tr> <tr> <td>A</td><td>K23</td><td>18</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>K23-G</td><td>16</td><td>WH</td><td>0587575C1</td><td>1652325C1</td></tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K23	18	TN	0587576C1	1652325C1	B	K23-G	16	WH	0587575C1	1652325C1	<p style="text-align: center;">ECM2 CLEAN POWER AND GROUND (7104M) (LOCATED AT BATTERY CABLES)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-left: 20px;">CONNECTOR: 1671610C1 BODY LOCK: 1671608C1</div> </div> <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><th>SEAL/SLEEVE</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	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N92A	12	RD	2033816C1	0589390C1	B	N92-G	12	WH	2033816C1	0589390C1						
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<p>ECM2 CLEAN POWER AND GROUND (7104F) (LOCATED AT BATTERY CABLES)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-left: 20px;">CONNECTOR: 1671611C1 BODY LOCK: 1671608C1</div> </div> <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><th>SEAL/SLEEVE</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> <p style="margin-top: 10px;">KEY: * = MUTUALLY EXCLUSIVE</p>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	K92Z	10	RD	1687848C1	0589390C1	A*	K92A	10	TN	1687848C1	0589390C1	B	K92-G	10	WH	1687848C1	0589390C1																				
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<p style="text-align: center;">XMSN POWERED GND (7104FA)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-left: 20px;">CONNECTOR: 1671611C1 BODY LOCK: 1671608C1</div> </div> <p style="margin-top: 10px;">KEY: * = 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="margin-top: 10px;">W/ALLISON GEN IV</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K77-G	18	WH	2033819C1	B	K77A	16	LT GN	2033819C1	<p style="text-align: center;">XMSN POWERED GND (7104FT)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-left: 20px;">CONNECTOR: 3512967C1</div> </div> <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>K92A</td><td>10</td><td>TN</td><td>1661708C1</td></tr> <tr> <td>B</td><td>K92-G</td><td>10</td><td>WH</td><td>1661708C1</td></tr> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K92A	10	TN	1661708C1	B	K92-G	10	WH	1661708C1														
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Figure 134 Connector Composites (6406), (6709), (6715), (7104M), (7104F), (7104FA), (7104FT)

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

<p>INTERNATIONAL TRUCK AND ENGINE CORPORATION</p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10</p> <p>CONNECTOR COMPOSITES - MATING VIEW SHOWN</p>
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	K#101	18	LT BL	3606047C1
2	-	-	-	-
3	K#103	18	YL	3606047C1
4	-	-	-	-
5	-	-	-	-
6	-	-	-	-
7	-	-	-	-
8	K5CC (-)	18	GN	3606047C1
9	K#109	18	GY	3606047C1
10	K#110	18	PK	3606047C1
11	K#111	18	OR	3606047C1
12	K#112	18	PK	3606047C1
13	-	-	-	-
14	K#114	18	GY	3606047C1
15	-	-	-	-
16	K#116	18	LT BL	3606047C1
17	K#117	18	LT BL	3606047C1
18	-	-	-	-
19	-	-	-	-
20	K#120	18	LT BL	3606047C1
21	-	-	-	-
22	-	-	-	-
23	-	-	-	-
24	-	-	-	-
25	K#125	18	TN	3606047C1
26	-	-	-	-
27	-	-	-	-
28	K5CC (+)	18	YL	3606047C1
29	-	-	-	-
30	-	-	-	-
31	K#131	18	YL	3606047C1
32	-	-	-	-
33	K#133	18	YL	3606047C1
34	K#134	18	WH	3606047C1
35	-	-	-	-
36	K#136	18	OR	3606047C1
37	K#137	18	WH	3606047C1
38	K#138	18	OR	3606047C1
39	K#139	18	OR	3606047C1
40	K#140	18	LT GN	3606047C1
41	K#141	18	TN	3606047C1
42	K#142	18	TN	3606047C1
42*	K#142	18	WH	3606047C1
43	-	-	-	-
44	-	-	-	-
45	-	-	-	-
46	-	-	-	-
47	-	-	-	-
48	-	-	-	-
49	-	-	-	-
50	-	-	-	-
51	K#151	18	WH	3606047C1
52	K#152	18	LT GN	3606047C1
53	K#153	18	YL	3606047C1
54	K#154	18	TN	3606047C1
55	K#155	18	WH	3606047C1
56	-	-	-	-
57	K#157	18	WH	3606047C1
58	K#158	18	LT GN	3606047C1
59	K#159	18	TN	3606047C1
60	K#160	18	YL	3606047C1
61	K92LB	18	TN	3606047C1
62	-	-	-	-
63	K#163	18	YL	3606047C1
64	-	-	-	-
65	K#165	18	TN	3606047C1
66	-	-	-	-
67	-	-	-	-
68	-	-	-	-
69	K#169	18	GY	3606047C1
70	K#170	18	PK	3606047C1
71	K#171	18	YL	3606047C1
72	-	-	-	-
73	K#173	18	LT BL	3606047C1
74	K#174	18	LT BL	3606047C1
75	-	-	-	-
76	K#176	18	YL	3606047C1
77	K#177	18	LT GN	3606047C1
78	K#178	18	WH	3606047C1
79	K#179	18	PK	3606047C1
80	K#180	18	OR	3606047C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	10JUL06	REVISED AND REDRAWN	A	60296A	U00AXPC	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS
					RELEASE NO. 59966S	DATE 17JAN03 PART NO. AE08-54996 SHEET 25A

Figure 135 Connector Composite (7150)

10.36. CONNECTOR COMPOSITES (7200), (7202), P. 26

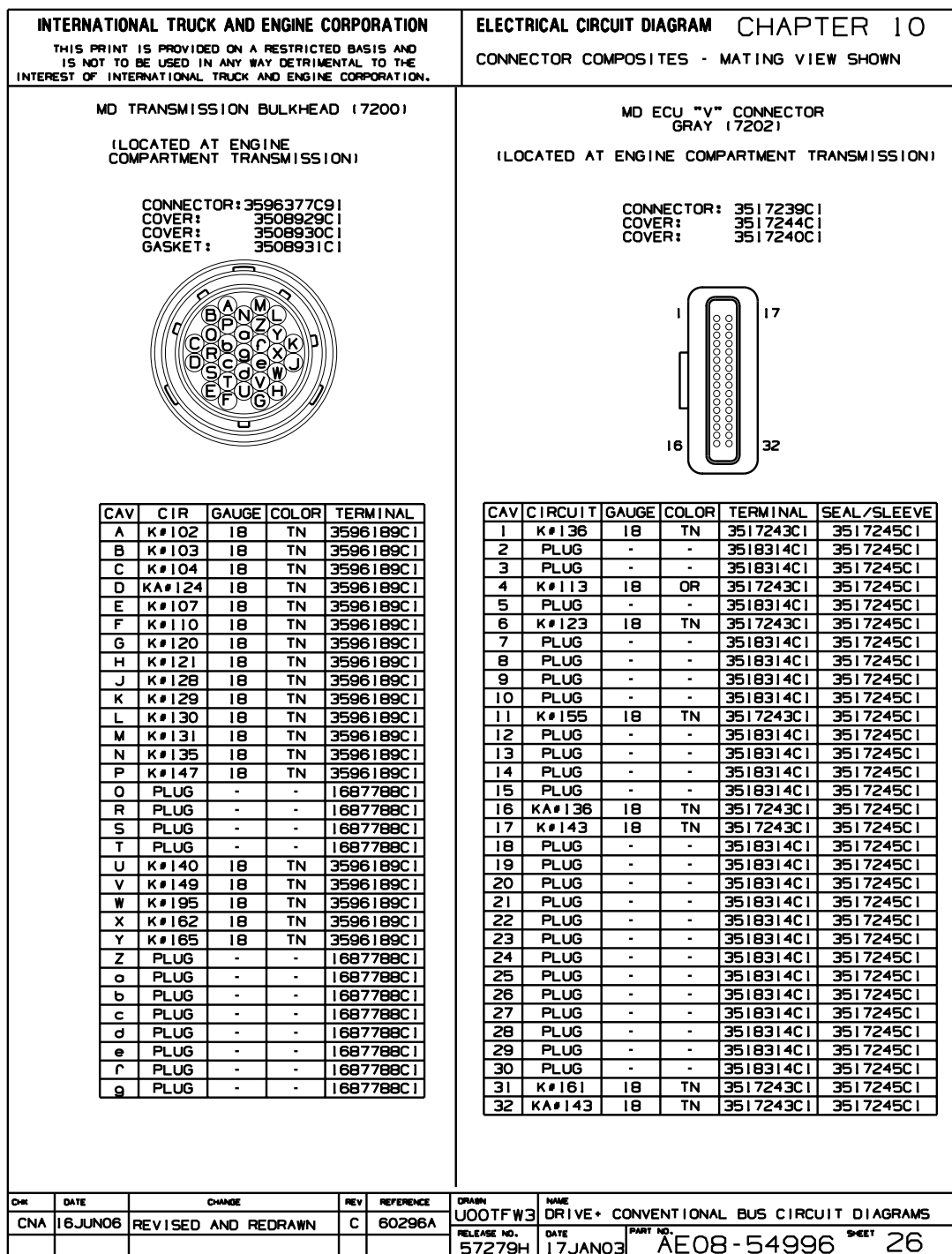


Figure 136 Connector Composites (7200), (7202)

10.37. CONNECTOR COMPOSITES (7203), (7204), P. 27

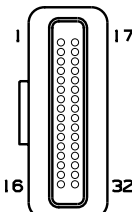
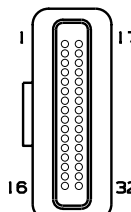
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<p style="text-align: center;">MD ECU "T" CONNECTOR BLUE (7203)</p> <p style="text-align: center;">(LOCATED AT ENGINE COMPARTMENT TRANSMISSION)</p> <p style="text-align: center;">CONNECTOR: 3517241C COVER: 3517242C COVER: 3517244C</p> <div style="text-align: center;">  </div>						<p style="text-align: center;">MD ECU "S" CONNECTOR BLACK (7204)</p> <p style="text-align: center;">(LOCATED AT ENGINE COMPARTMENT TRANSMISSION)</p> <p style="text-align: center;">CONNECTOR: 3517237C COVER: 3517238C COVER: 3517244C</p> <div style="text-align: center;">  </div>																																																																																																																																																																																																																																																																																																																																																																																																																	
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Figure 137 Connector Composites (7203), (7204)

10.38. CONNECTOR COMPOSITES (7250), (7300), (7303), P. 28


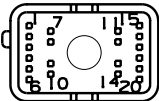
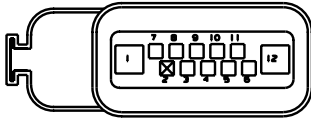
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THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																																																																																																			
<p style="text-align: center;">LCT TRANSMISSION BULKHEAD (7300) (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 3522537C9I BODY LOCK: 3518287C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>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>3518314C1</td></tr> <tr><td>V</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td></tr> <tr><td>W</td><td>K#228</td><td>18</td><td>TN</td><td>3517243C1</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	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	-	-	3518314C1	V	PLUG	-	-	3518314C1	W	K#228	18	TN	3517243C1	<p style="text-align: center;">WTEC XMSN BULKHEAD (7250)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 3605715C1 BODY LOCK: 3606532C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <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>7</td><td>-</td><td>-</td><td>-</td><td>-</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>17</td><td>-</td><td>-</td><td>-</td><td>-</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	7	-	-	-	-	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	17	-	-	-	-	18	K#154	18	TN	3606047C1	19	K#158	18	LT GN	3606047C1	20	K#176	18	YL	3606047C1
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Figure 138 Connector Composites (7250), (7300), (7303)

10.39. CONNECTOR COMPOSITES (7304), (7305), P. 29

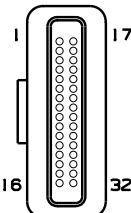
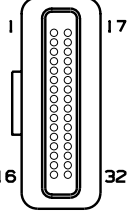
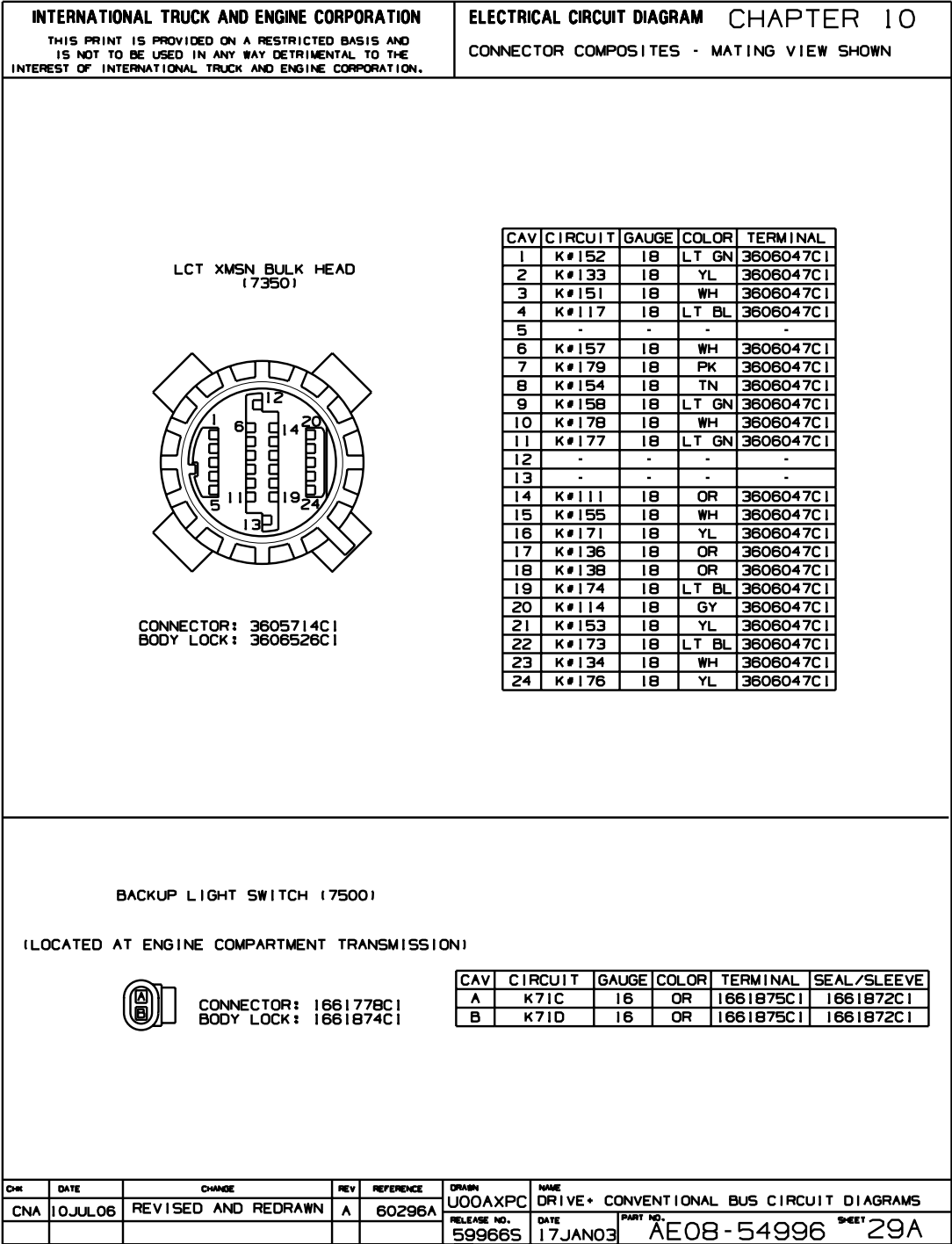
INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																																																																																																																																																																																																																														
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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																																																																																																																																																																																																																																																																																																																																															
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2	K#102	18	PK	3517243C1																																																																																																																																																																																																																																																																																																																																															
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CNA	16JUN06	REVISED AND REDRAWN	C	60296A	U00TFW3	NAME DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS DATE 17JAN03 PART NO. AE08-54996 SHEET 29																																																																																																																																																																																																																																																																																																																																													

Figure 139 Connector Composites (7304), (7305)

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



BACKUP LIGHT SWITCH (7500)

(LOCATED AT ENGINE COMPARTMENT TRANSMISSION)



CONNECTOR: 1661778C1
BODY LOCK: 1661874C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K71C	16	OR	1661875C1	1661872C1
B	K71D	16	OR	1661875C1	1661872C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	10JUL06	REVISED AND REDRAWN	A	60296A	U00AXPC	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS
					RELEASE NO. 59966S	DATE 17JAN03 PART NO. AE08-54996 SHEET 29A

Figure 140 Connector Composites (7350), (7500)

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

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																																																															
OUTPUT SPEED SENSOR (7600) (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)				MANUAL SPEEDO SENSOR (7601) (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)																																																															
• MUTUALLY EXCLUSIVE • ALLISON GEN IV				CONNECTOR: 2036583C1																																																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr> <td>A</td><td>K#215*</td><td>18</td><td>GY</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>A#</td><td>K#160*</td><td>18</td><td>YL</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>B</td><td>K#216*</td><td>18</td><td>GY</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>B#</td><td>K#140*</td><td>18</td><td>LTGN</td><td>3554322C1</td><td>3554318C1</td></tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K#215*	18	GY	3554322C1	3554318C1	A#	K#160*	18	YL	3554322C1	3554318C1	B	K#216*	18	GY	3554322C1	3554318C1	B#	K#140*	18	LTGN	3554322C1	3554318C1	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <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> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K47	18	GY	2036586C1	B	K47A	18	GY	2036586C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																														
A	K#215*	18	GY	3554322C1	3554318C1																																																														
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B	K#216*	18	GY	3554322C1	3554318C1																																																														
B#	K#140*	18	LTGN	3554322C1	3554318C1																																																														
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																															
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B	K47A	18	GY	2036586C1																																																															
ENGINE SPEED SENSOR (7603) (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)				ENGINE SPEED SENSOR (7604) (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)																																																															
• MUTUALLY EXCLUSIVE • ALLISON GEN IV				• MUTUALLY EXCLUSIVE • ALLISON GEN IV																																																															
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																														
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CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																														
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B	K#218	18	GY	3554322C1	3554318C1																																																														
B#	K#139	18	OR	3554322C1	3554318C1																																																														
OUTPUT SPEED SENSOR (7605) (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)				TURBINE SPEED SENSOR (7607) (LOCATED AT ENGINE COMPARTMENT TRANSMISSION)																																																															
CONNECTOR: 3610533C1 BODY LOCK: 3610532C1 • MUTUALLY EXCLUSIVE • ALLISON GEN IV				CONNECTOR: 3610533C1 BODY LOCK: 3610532C1 • MUTUALLY EXCLUSIVE • ALLISON GEN IV																																																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr> <td>A</td><td>K#139</td><td>18</td><td>GY</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>A#</td><td>K#160*</td><td>18</td><td>YL</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>B</td><td>K#148</td><td>18</td><td>GY</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>B#</td><td>K#140*</td><td>18</td><td>LTGN</td><td>3554322C1</td><td>3554318C1</td></tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K#139	18	GY	3554322C1	3554318C1	A#	K#160*	18	YL	3554322C1	3554318C1	B	K#148	18	GY	3554322C1	3554318C1	B#	K#140*	18	LTGN	3554322C1	3554318C1	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr> <td>A</td><td>K#213</td><td>18</td><td>TN</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>A#</td><td>K#180*</td><td>18</td><td>OR</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>B</td><td>K#214</td><td>18</td><td>TN</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>B#</td><td>K#120*</td><td>18</td><td>LTBL</td><td>3554322C1</td><td>3554318C1</td></tr> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K#213	18	TN	3554322C1	3554318C1	A#	K#180*	18	OR	3554322C1	3554318C1	B	K#214	18	TN	3554322C1	3554318C1	B#	K#120*	18	LTBL	3554322C1	3554318C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																														
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B#	K#120*	18	LTBL	3554322C1	3554318C1																																																														
TRANSMISSION OIL FILTER SW (7701) (LOCATED AT FRAME MOUNTED TRANSMISSION OIL FILTER)				RIGHT HEADLIGHT AND TURN SIGNAL (8000) (LOCATED AT HOOD NEAR RIGHT HEADLIGHT)																																																															
CONNECTOR: 1686834C1 BODY LOCK: 1664408C1 PLUG: 0587579C1				CONNECTOR: 1661375C2 BODY LOCK: 1661376C1																																																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <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>0587579C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N31-G	18	WH	2033819C1	3517771C1	B	N31C	18	TN	2033819C1	3517771C1	C	PLUG	-	-	-	0587579C1	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <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> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	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	TERMINAL	SEAL/SLEEVE																																																														
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th></tr> <tr> <td>CNA</td><td>16JUN06</td><td>REVISED AND REDRAWN</td><td>C</td><td>60296A</td></tr> </table>				CHK	DATE	CHANGE	REV	REFERENCE	CNA	16JUN06	REVISED AND REDRAWN	C	60296A	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td> DRAWN U00TFW3 </td> <td> NAME DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS </td> </tr> <tr> <td> RELEASE NO. 57279H </td> <td> DATE 17JAN03 </td> </tr> <tr> <td colspan="2" style="text-align: right;"> PART NO. AE08-54996 </td> </tr> </table>				DRAWN U00TFW3	NAME DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS	RELEASE NO. 57279H	DATE 17JAN03	PART NO. AE08-54996																																													
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PART NO. AE08-54996																																																																			
				SHEET 30																																																															

Figure 141 Connector Composites (7600), (7601), (7603), (7604), (7605), (7607), (7701), (8000)

10.42. CONNECTOR COMPOSITES (7801), (7802), (7803), P. 30A

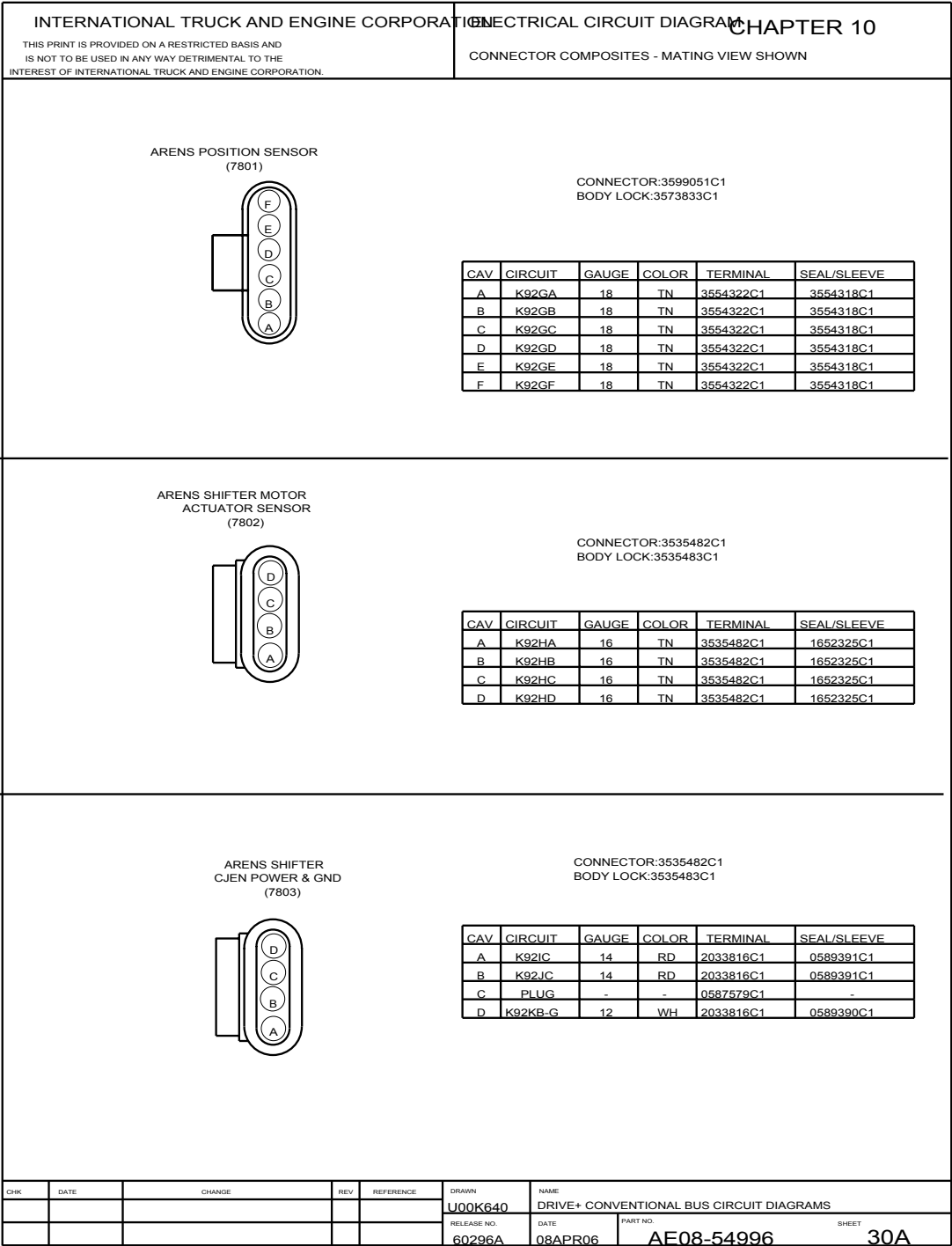


Figure 142 Connector Composites (7801), (7802), (7803)

10.43. CONNECTOR COMPOSITES (7808), (7809), P. 30B

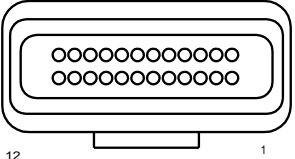

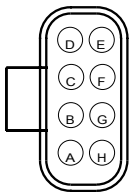
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																																																																			
<small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																																																			
<p>ARENS SBW SHIFT SELECTOR A (7808)</p> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>24</p><p>12</p></div><div style="text-align: center;"><p>13</p><p>1</p></div></div> <p>CONNECTOR: 3598940C91</p>				<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>1*</td><td>A5D(-)</td><td>18</td><td>GN</td><td>3517243C1</td><td>-</td></tr><tr><td>1**</td><td>A5D(-)</td><td>18</td><td>GN</td><td>3517243C1</td><td>-</td></tr><tr><td>2*</td><td>A5D(+)</td><td>18</td><td>YL</td><td>3517243C1</td><td>-</td></tr><tr><td>2**</td><td>A5D(+)</td><td>18</td><td>YL</td><td>3517243C1</td><td>-</td></tr><tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td><td>-</td></tr><tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td><td>-</td></tr><tr><td>5</td><td>A92NE</td><td>18</td><td>DKBL</td><td>3517243C1</td><td>-</td></tr><tr><td>6</td><td>A92NF</td><td>18</td><td>TN</td><td>3517243C1</td><td>-</td></tr><tr><td>7</td><td>A92NG</td><td>18</td><td>TN</td><td>3517243C1</td><td>-</td></tr><tr><td>8</td><td>A92NH</td><td>18</td><td>TN</td><td>3517243C1</td><td>-</td></tr><tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td><td>-</td></tr><tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td><td>-</td></tr><tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td><td>-</td></tr><tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td><td>-</td></tr><tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td><td>-</td></tr><tr><td>14</td><td>A92NP</td><td>18</td><td>TN</td><td>3517243C1</td><td>-</td></tr><tr><td>15</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td><td>-</td></tr><tr><td>16</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td><td>-</td></tr><tr><td>17</td><td>A13CC</td><td>18</td><td>PK</td><td>3517243C1</td><td>2644000R1</td></tr><tr><td>18</td><td>A92NT</td><td>18</td><td>TN</td><td>3517243C1</td><td>-</td></tr><tr><td>19</td><td>A92NU</td><td>18</td><td>TN</td><td>3517243C1</td><td>-</td></tr><tr><td>20</td><td>A92NV</td><td>18</td><td>TN</td><td>3517243C1</td><td>-</td></tr><tr><td>21</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td><td>-</td></tr><tr><td>22</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td><td>-</td></tr><tr><td>23</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td><td>-</td></tr><tr><td>24</td><td>PLUG</td><td>-</td><td>-</td><td>3518314C1</td><td>-</td></tr></tbody></table> <p style="text-align: right; font-size: small;">* W/AWARE EFFECTS ** N/AWARE EFFECTS</p>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1*	A5D(-)	18	GN	3517243C1	-	1**	A5D(-)	18	GN	3517243C1	-	2*	A5D(+)	18	YL	3517243C1	-	2**	A5D(+)	18	YL	3517243C1	-	3	PLUG	-	-	3518314C1	-	4	PLUG	-	-	3518314C1	-	5	A92NE	18	DKBL	3517243C1	-	6	A92NF	18	TN	3517243C1	-	7	A92NG	18	TN	3517243C1	-	8	A92NH	18	TN	3517243C1	-	9	PLUG	-	-	3518314C1	-	10	PLUG	-	-	3518314C1	-	11	PLUG	-	-	3518314C1	-	12	PLUG	-	-	3518314C1	-	13	PLUG	-	-	3518314C1	-	14	A92NP	18	TN	3517243C1	-	15	PLUG	-	-	3518314C1	-	16	PLUG	-	-	3518314C1	-	17	A13CC	18	PK	3517243C1	2644000R1	18	A92NT	18	TN	3517243C1	-	19	A92NU	18	TN	3517243C1	-	20	A92NV	18	TN	3517243C1	-	21	PLUG	-	-	3518314C1	-	22	PLUG	-	-	3518314C1	-	23	PLUG	-	-	3518314C1	-	24	PLUG	-	-	3518314C1	-
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<p>ARENS SBW SHIFT SELECTOR B (7809)</p> <div style="display: flex; justify-content: center; align-items: center;"></div> <p>CONNECTOR: 3599048C1 BODY LOCK1: 3599049C1 BODY LOCK2: 3599050C1</p>				<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>A14MA</td><td>14</td><td>RD</td><td>3535486C1</td><td>1652325C1</td></tr><tr><td>B</td><td>A92MB</td><td>16</td><td>TN</td><td>3535486C1</td><td>-</td></tr><tr><td>C</td><td>A92MC</td><td>16</td><td>TN</td><td>3535486C1</td><td>-</td></tr><tr><td>D</td><td>A14MD-G</td><td>14</td><td>WH</td><td>3535486C1</td><td>2644000R1</td></tr><tr><td>E</td><td>A14ME-G</td><td>14</td><td>WH</td><td>3535486C1</td><td>2644000R1</td></tr><tr><td>F</td><td>A92MF</td><td>16</td><td>TN</td><td>3535486C1</td><td>-</td></tr><tr><td>G</td><td>A92MG</td><td>16</td><td>TN</td><td>3535486C1</td><td>-</td></tr><tr><td>H</td><td>A14MH</td><td>14</td><td>RD</td><td>3535486C1</td><td>1652325C1</td></tr></tbody></table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A14MA	14	RD	3535486C1	1652325C1	B	A92MB	16	TN	3535486C1	-	C	A92MC	16	TN	3535486C1	-	D	A14MD-G	14	WH	3535486C1	2644000R1	E	A14ME-G	14	WH	3535486C1	2644000R1	F	A92MF	16	TN	3535486C1	-	G	A92MG	16	TN	3535486C1	-	H	A14MH	14	RD	3535486C1	1652325C1																																																																																																												
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Figure 143 Connector Composites (7808), (7809)

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


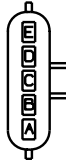
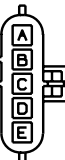


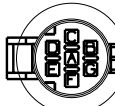
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 <p style="text-align: center;">RIGHT HEADLIGHT AND TURN SIGNAL (8000F)</p> <p style="text-align: center;">(LOCATED AT HOOD NEAR RIGHT HEADLIGHT)</p> <p>CONNECTOR: 1677851C1 BODY LOCK: 1677914C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</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	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	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;">LEFT HEADLIGHT AND TURN SIGNAL (8001)</p> <p style="text-align: center;">(LOCATED AT HOOD NEAR LEFT HEADLIGHT)</p> <p>CONNECTOR: 1661375C2 BODY LOCK: 1661376C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</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	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	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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Figure 144 Connector Composites (8000F), (8001), (8001F), (8002R), (8002L), (8003)

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








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																																																																																											
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Figure 145 Connector Composites (8003), (8100R), (8100L), (8152R), (8152L), (8155R), (8155L)

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

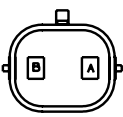







INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																													
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<small>CHK</small>	<small>DATE</small>	<small>CHANGE</small>	<small>REV</small>	<small>REFERENCE</small>	<small>DRAWN</small>	<small>NAME</small>																																											
CNA	16JUN06	REVISED AND REDRAWN	C	60296A	U00TFW3	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS																																											
					<small>RELEASE NO.</small>	<small>DATE</small>	<small>PART NO.</small>																																										
					57279H	17JAN03	AE08-54996 33																																										

Figure 146 Connector Composites (8310), (8311), (8450), (9100)

10.47. CONNECTOR COMPOSITES (9101), (9101B), (9254), (9255), (9257), (9258), (9260), (9261), P. 34

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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

AF FUEL SENDER (9101)

(LOCATED AT REAR MOUNTED FUEL TANK)

CONNECTOR: 1661778C
BODY LOCK: 1661874C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R36	1B	BK	1661875C	1661872C
B	R9D	1B	WH	1661875C	1661872C

RIGHT SIDE FUEL GAUGE
LEVEL SENSOR (9101B)

(LOCATED AT OUTSIDE RIGHT FRAME RAIL)

CONNECTOR: 1661778C
BODY LOCK: 1661874C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N36	1B	TN	1661875C	3568570C
B	N9D	1B	GY	1661875C	3568570C

ENGINE ECM FEED FUSE (9254)

(LOCATED AT BATTERY CABLES)

CONNECTOR: 3512967C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N14AY	10	RD	1661708C	
B	N14BA	10	RD	1661708C	

TRANSMISSION ECU
FEED FUSE (9255)

(LOCATED AT BATTERY CABLES)

CONNECTOR: 3512967C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N14AZ	10	RD	1661708C	
B	N14BB	10	RD	1661708C	

AIR DRYER (9257)

(LOCATED AT OUTSIDE LEFT FRAME RAIL-AIR TANK)

CONNECTOR: 1673790C
BODY LOCK: 1673791C
• MUTUALLY EXCLUSIVE
• W/HALDEX

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A•	N39B	14	BK	2033816C	0589391C
A•	N39A	14	BK	2033816C	0589391C
A•	N39A	14	WH	2033816C	0589391C
A••	N39C	14	BK	2033816C	0589391C
B•	N39A-G	14	WH	2033816C	0589391C
B•	N39-G	14	WH	2033816C	0589391C
B••	N39C-G	14	WH	2033816C	0589391C

ENGINE ECM FEED FUSE (9258)

(LOCATED AT BATTERY CABLES)

CONNECTOR: 3512967C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N14BD	10	RD	1661708C	
B	N14BC	10	RD	1661708C	

ECM NEGATIVE (9260)

(LOCATED AT BATTERY CABLES)

CONNECTOR: 2031522C
BODY LOCK: 2033927C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N97-G	10	WH	2031531C	2025427C
B	N92-G	12	WH	2031531C	2025428C

ECM NEGATIVE (9260)

(LOCATED AT BATTERY CABLES)

CONNECTOR: 2031520C
BODY LOCK: 2033927C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N14-G	10	WH	2025423C	2025426C
B	N14-GA	10	WH	2025423C	2025426C

ECM POSITIVE FEED (9261)

(LOCATED AT BATTERY CABLES)

CONNECTOR: 1677732C
BODY LOCK: 1667734C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N14BA	10	RD	2025425C	1667735C
B	N14BB	10	RD	2025425C	1667735C
C	N14BC	10	RD	2025425C	1667735C

ECM POSITIVE FEED (9261)

(LOCATED AT BATTERY CABLES)

CONNECTOR: 2031520C
BODY LOCK: 2033927C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N97AA	10	RD	2025423C	2025427C
B	N92A	12	RD	2025422C	2025428C

Ch

DATE

CHANGE

REV

REFERENCE

DRASH

NAME

DATE

PART NO.

SHEET

CNA

16JUN06

REVISED AND REDRAWN

E

60296A

U00TFW3

DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS

17JAN03

AE08-54996

34

Figure 147 Connector Composites (9101), (9101B), (9254), (9255), (9257), (9258), (9260), (9261)

10.48. CONNECTOR COMPOSITES (9261), (9301), (9500M), P. 35

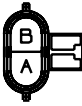
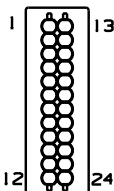
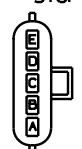
INTERNATIONAL TRUCK AND ENGINE CORPORATION						ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																																																																																																																			
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border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>1½•</td><td>N90A</td><td>12</td><td>GY</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>1•</td><td>N94BP</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>N94BJ</td><td>18</td><td>GY</td><td>3509874C1</td><td>3509903C1</td></tr> <tr><td>11½•</td><td>N5-</td><td>18</td><td>GN</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>11•</td><td>N51-1</td><td>18</td><td>GN</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>12½•</td><td>N5+</td><td>18</td><td>YL</td><td>3509874C1</td><td>3532128C1</td></tr> <tr><td>12•</td><td>N51+1</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>N90A-G</td><td>12</td><td>WH</td><td>3559035C1</td><td>3575783C1</td></tr> <tr><td>16½•</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>N94BCS</td><td>18</td><td>GY</td><td>3509874C1</td><td>3509903C1</td></tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1½•	N90A	12	GY	3559035C1	3575783C1	1•	N94BP	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	N94BJ	18	GY	3509874C1	3509903C1	11½•	N5-	18	GN	3509874C1	3532128C1	11•	N51-1	18	GN	3509874C1	3532128C1	12½•	N5+	18	YL	3509874C1	3532128C1	12•	N51+1	18	YL	3509874C1	3532128C1	13	N87A	18	GY	3509874C1	3532128C1	14	N36	18	TN	3509874C1	3532128C1	15	N9D	18	GY	3509874C1	3532128C1	16•	N90A-G	12	WH	3559035C1	3575783C1	16½•	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	N94BCS	18	GY	3509874C1	3509903C1
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10	N94BJ	18	GY	3509874C1	3509903C1																																																																																																																																																																																																																				
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<p style="text-align: center;">STOP, TAIL AND TURN (9301)</p> <p style="text-align: center;">(LOCATED AT END OF FRAME)</p> <div style="display: flex; align-items: center; justify-content: center; margin: 10px 0;">  <div style="margin-left: 10px;"> <p>CONNECTOR: 1661375C2 BODY LOCK: 1661376C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>R71F</td><td>14</td><td>BL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>R56D</td><td>14</td><td>YL</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>R57D</td><td>14</td><td>GN</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>R68A</td><td>14</td><td>BN</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>E</td><td>R68-G</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R71F	14	BL	2033816C1	0589391C1	B	R56D	14	YL	2033816C1	0589391C1	C	R57D	14	GN	2033816C1	0589391C1	D	R68A	14	BN	2033816C1	0589391C1	E	R68-G	14	WH	2033816C1	0589391C1																																																																																																																																																																																
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Figure 148 Connector Composites (9261), (9301), (9500M)

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

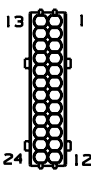
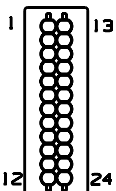

INTERNATIONAL TRUCK AND ENGINE CORPORATION						ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																																																																																																																																																																																																																																																																			
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<p style="text-align: center;">ENGINE/CHASSIS INTERCONNECT (9500F)</p> <div style="text-align: center;">  <p>(LOCATED AT INSIDE LEFT FRAME RAIL BEHIND ENGINE)</p> <p>CONNECTOR: 3558022C BODY LOCK: 3558056C</p> <p>KEY: • MUTUALLY EXCLUSIVE • 1-6 ONLY</p> </div>						<p style="text-align: center;">ENGINE/CHASSIS INTERCONNECT (9500M)</p> <p style="text-align: center;">(EXPORT ONLY)</p> <p style="text-align: center;">(LOCATED AT INSIDE LEFT FRAME RAIL BEHIND ENGINE)</p> <p>CONNECTOR: 3558026C BODY LOCK: 3558056C</p> <div style="text-align: center;">  </div>																																																																																																																																																																																																																																																																																																																																																																			
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Figure 149 Connector Composites (9500F), (9500M), (9501)

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

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																																																																																																																																																																																																																		
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<p style="text-align: center;">HYDRAULIC BRAKE CONTROL UNIT - HCU (9510) (LOCATED AT INSIDE LEFT FRAME RAIL AT HCU)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div> <p>CONNECTOR: 3573656C1</p> <table border="1" style="font-size: 8px; width: 100%; text-align: center;"> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr> <td>1</td><td>N90A-GA</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>3615148C1</td></tr> </table> </div> </div>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	N90A-GA	12	WH	3573654C1	3573655C1	2	N90A	12	GY	3573654C1	3615148C1																																																																																																																																																																																																	
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Figure 150 Connector Composites (9503), (9506), (9507), (9508), (9510), (9511)

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

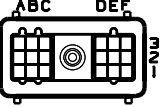
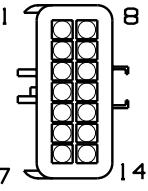
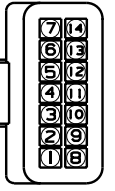
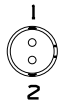
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																																																																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND 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;">BENDIX AIR ABS (9512)</p> <p style="text-align: center;">(LOCATED AT INSIDE LEFT FRAME RAIL AT ABS)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 10px;"> <p>CONNECTOR: 3554088C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A1</td><td>R94S</td><td>16</td><td>LTGN</td><td>3554090C1</td></tr> <tr><td>A2</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> <tr><td>A3</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> <tr><td>B1</td><td>R94T</td><td>16</td><td>LTBL</td><td>3554090C1</td></tr> <tr><td>B2</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> <tr><td>B3</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> <tr><td>C1</td><td>R94R</td><td>16</td><td>VT</td><td>3554090C1</td></tr> <tr><td>C2</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> <tr><td>C3</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> <tr><td>D1</td><td>R94M</td><td>16</td><td>BK</td><td>3554090C1</td></tr> <tr><td>D2</td><td>R94A</td><td>16</td><td>DKBL</td><td>3554090C1</td></tr> <tr><td>D3</td><td>R94B</td><td>16</td><td>YL</td><td>3554090C1</td></tr> <tr><td>E1</td><td>R94P</td><td>16</td><td>BN</td><td>3554090C1</td></tr> <tr><td>E2</td><td>R94RR-</td><td>16</td><td>DKBL</td><td>3554090C1</td></tr> <tr><td>E3</td><td>R94RR+</td><td>16</td><td>YL</td><td>3554090C1</td></tr> <tr><td>F1</td><td>R94N</td><td>16</td><td>RD</td><td>3554090C1</td></tr> <tr><td>F2</td><td>R94LR-</td><td>16</td><td>OR</td><td>3554090C1</td></tr> <tr><td>F3</td><td>R94LR+</td><td>16</td><td>GY</td><td>3554090C1</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A1	R94S	16	LTGN	3554090C1	A2	PLUG	-	-	3573076C1	A3	PLUG	-	-	3573076C1	B1	R94T	16	LTBL	3554090C1	B2	PLUG	-	-	3573076C1	B3	PLUG	-	-	3573076C1	C1	R94R	16	VT	3554090C1	C2	PLUG	-	-	3573076C1	C3	PLUG	-	-	3573076C1	D1	R94M	16	BK	3554090C1	D2	R94A	16	DKBL	3554090C1	D3	R94B	16	YL	3554090C1	E1	R94P	16	BN	3554090C1	E2	R94RR-	16	DKBL	3554090C1	E3	R94RR+	16	YL	3554090C1	F1	R94N	16	RD	3554090C1	F2	R94LR-	16	OR	3554090C1	F3	R94LR+	16	GY	3554090C1	<p style="text-align: center;">REAR CHASSIS INTERCONNECT (9513F)</p> <p style="text-align: center;">(LOCATED AT INSIDE LEFT FRAME RAIL BEHIND ENGINE)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 10px;"> <p>CONNECTOR: 3618231C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <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>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> <tr><td>2</td><td>RBBKLR</td><td>18</td><td>BK</td><td>3618272</td></tr> <tr><td>3</td><td>RBBNLR</td><td>18</td><td>BN</td><td>3618272</td></tr> <tr><td>4</td><td>RBBNRR</td><td>18</td><td>BN</td><td>3618272</td></tr> <tr><td>5</td><td>RBBKRR</td><td>18</td><td>BK</td><td>3618272</td></tr> <tr><td>6</td><td>R44C</td><td>18</td><td>RD</td><td>3618272</td></tr> <tr><td>7</td><td>R44D</td><td>18</td><td>BN</td><td>3618272</td></tr> <tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> <tr><td>9</td><td>R94-GE</td><td>18</td><td>GN</td><td>3618272</td></tr> <tr><td>10</td><td>R90D-G</td><td>18</td><td>BN</td><td>3618272</td></tr> <tr><td>11</td><td>R90D</td><td>18</td><td>YL</td><td>3618272</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> <tr><td>13</td><td>R9D</td><td>18</td><td>WH</td><td>3618272</td></tr> <tr><td>14</td><td>R36</td><td>18</td><td>BK</td><td>3618272</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	3573076C1	2	RBBKLR	18	BK	3618272	3	RBBNLR	18	BN	3618272	4	RBBNRR	18	BN	3618272	5	RBBKRR	18	BK	3618272	6	R44C	18	RD	3618272	7	R44D	18	BN	3618272	8	PLUG	-	-	3573076C1	9	R94-GE	18	GN	3618272	10	R90D-G	18	BN	3618272	11	R90D	18	YL	3618272	12	PLUG	-	-	3573076C1	13	R9D	18	WH	3618272	14	R36	18	BK	3618272
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Figure 151 Connector Composites (9512), (9513F), (9513M), (9514)

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





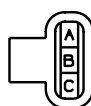

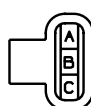

INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																			
<p style="text-align: center;">HYDRAULIC RIGHT REAR WHEEL SPEED SENSOR (9515)</p> <p style="text-align: center;">(LOCATED AT RIGHT REAR WHEEL)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: WHEELSPDI</p> </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>IRBKRR</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>IRBNRR</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	IRBKRR	18	BK	ASSY	2	IRBNRR	18	BN	ASSY	<p style="text-align: center;">HYDRAULIC RIGHT FRONT WHEEL SPEED SENSOR (9516)</p> <p style="text-align: center;">(LOCATED AT RIGHT FRONT WHEEL)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 352635ICI</p> </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>IND94R+</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>IND94R-</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	IND94R+	18	BK	ASSY	2	IND94R-	18	BN	ASSY																		
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<p style="text-align: center;">HYDRAULIC LEFT FRONT WHEEL SPEED SENSOR (9517)</p> <p style="text-align: center;">(LOCATED AT LEFT FRONT WHEEL)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 3519666CI</p> </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>IN94L+</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>IN94L-</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	IN94L+	18	BK	ASSY	2	IN94L-	18	BN	ASSY	<p style="text-align: center;">LEFT REAR MODULATOR VALVE (9518)</p> <p style="text-align: center;">(LOCATED AT INSIDE LEFT FRAME RAIL)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 1686834CI BODY LOCK: 1664408CI</p> </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> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94M</td> <td>16</td> <td>BK</td> <td>2033819CI</td> <td>1652325CI</td> </tr> <tr> <td>B</td> <td>R94N</td> <td>16</td> <td>RD</td> <td>2033819CI</td> <td>1652325CI</td> </tr> <tr> <td>C</td> <td>R94P</td> <td>16</td> <td>BN</td> <td>2033819CI</td> <td>1652325CI</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94M	16	BK	2033819CI	1652325CI	B	R94N	16	RD	2033819CI	1652325CI	C	R94P	16	BN	2033819CI	1652325CI									
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C	R94P	16	BN	2033819CI	1652325CI																																																		
<p style="text-align: center;">RIGHT REAR MODULATOR VALVE (9519)</p> <p style="text-align: center;">(LOCATED AT INSIDE RIGHT FRAME RAIL)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 1686834CI BODY LOCK: 1664408CI</p> </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> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94R</td> <td>16</td> <td>VT</td> <td>2033819CI</td> <td>1652325CI</td> </tr> <tr> <td>B</td> <td>R94S</td> <td>16</td> <td>LT GN</td> <td>2033819CI</td> <td>1652325CI</td> </tr> <tr> <td>C</td> <td>R94T</td> <td>16</td> <td>LT BL</td> <td>2033819CI</td> <td>1652325CI</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94R	16	VT	2033819CI	1652325CI	B	R94S	16	LT GN	2033819CI	1652325CI	C	R94T	16	LT BL	2033819CI	1652325CI	<p style="text-align: center;">LEFT FRONT MODULATOR VALVE (9520)</p> <p style="text-align: center;">(LOCATED AT OUTSIDE LEFT FRAME RAIL)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 1686834CI BODY LOCK: 1664408CI</p> </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> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N94BA</td> <td>16</td> <td>BK</td> <td>2033819CI</td> <td>1652325CI</td> </tr> <tr> <td>B</td> <td>N94BB</td> <td>16</td> <td>RD</td> <td>2033819CI</td> <td>1652325CI</td> </tr> <tr> <td>C</td> <td>N94BC</td> <td>16</td> <td>BN</td> <td>2033819CI</td> <td>1652325CI</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N94BA	16	BK	2033819CI	1652325CI	B	N94BB	16	RD	2033819CI	1652325CI	C	N94BC	16	BN	2033819CI	1652325CI
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																		
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<p style="text-align: center;">RIGHT FRONT MODULATOR VALVE (9521)</p> <p style="text-align: center;">(LOCATED AT OUTSIDE RIGHT FRAME RAIL)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 1686834CI BODY LOCK: 1664408CI</p> </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> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N94BD</td> <td>16</td> <td>VT</td> <td>2033819CI</td> <td>1652325CI</td> </tr> <tr> <td>B</td> <td>N94BE</td> <td>16</td> <td>LT GN</td> <td>2033819CI</td> <td>1652325CI</td> </tr> <tr> <td>C</td> <td>N94BF</td> <td>16</td> <td>LT BL</td> <td>2033819CI</td> <td>1652325CI</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N94BD	16	VT	2033819CI	1652325CI	B	N94BE	16	LT GN	2033819CI	1652325CI	C	N94BF	16	LT BL	2033819CI	1652325CI	<p style="text-align: center;">BENDIX TRACTION CONTROL (9522)</p> <p style="text-align: center;">(LOCATED AT CROSSMEMBER FRONT OF REAR AXLE)</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>CONNECTOR: 3518183CI BODY LOCK: 3518174CI</p> </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>R94A</td> <td>16</td> <td>DK BL</td> <td>3518961CI</td> </tr> <tr> <td>2</td> <td>R94B</td> <td>16</td> <td>YL</td> <td>3518961CI</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	R94A	16	DK BL	3518961CI	2	R94B	16	YL	3518961CI									
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CHK CNA	DATE 16JUN06	CHANGE REVISED AND REDRAWN	REV E	REFERENCE 60296A	DRAWN UO0TFW3	NAME DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS	RELEASE NO. 57279H	DATE 17JAN03	PART NO. AE08-54996	SHEET 39																																													

Figure 152 Connector Composites (9515), (9516), (9517), (9518), (9519), (9520), (9521), (9522)

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

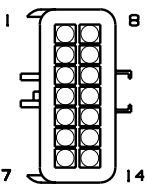
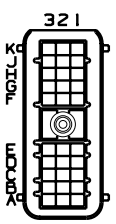
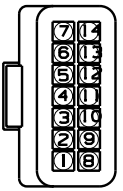

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																																																																																																																																																																									
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<p style="text-align: center;">ENGINE/CHASSIS INTERCONNECT (9523F)</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 PLUG: 3573076C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <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>N90</td><td>12</td><td>GY</td><td>3612308C1</td></tr> <tr><td>2</td><td>N90E</td><td>18</td><td>GY</td><td>3618272C1</td></tr> <tr><td>3</td><td>N90B</td><td>18</td><td>GY</td><td>3618272C1</td></tr> <tr><td>4</td><td>N64</td><td>14</td><td>YL</td><td>3618273C1</td></tr> <tr><td>5</td><td>N64-G</td><td>14</td><td>WH</td><td>3618273C1</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> <tr><td>7</td><td>N44A</td><td>18</td><td>GY</td><td>3618272C1</td></tr> <tr><td>8</td><td>N94L</td><td>12</td><td>GY</td><td>3612308C1</td></tr> <tr><td>9</td><td>N90F</td><td>18</td><td>GY</td><td>3618272C1</td></tr> <tr><td>10</td><td>N90-GA</td><td>12</td><td>WH</td><td>3612308C1</td></tr> <tr><td>11</td><td>N94-GD</td><td>12</td><td>WH</td><td>3612308C1</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>3573076C1</td></tr> <tr><td>13</td><td>N90H</td><td>18</td><td>GY</td><td>3618272C1</td></tr> <tr><td>14</td><td>N90DA</td><td>18</td><td>GY</td><td>3618272C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N90	12	GY	3612308C1	2	N90E	18	GY	3618272C1	3	N90B	18	GY	3618272C1	4	N64	14	YL	3618273C1	5	N64-G	14	WH	3618273C1	6	PLUG	-	-	3573076C1	7	N44A	18	GY	3618272C1	8	N94L	12	GY	3612308C1	9	N90F	18	GY	3618272C1	10	N90-GA	12	WH	3612308C1	11	N94-GD	12	WH	3612308C1	12	PLUG	-	-	3573076C1	13	N90H	18	GY	3618272C1	14	N90DA	18	GY	3618272C1	<p style="text-align: center;">BENDIX AIR ABS (9524)</p> <p>(LOCATED AT INSIDE LEFT FRAME RAIL AT ABS)</p> <p style="text-align: right;">CONNECTOR: 3554087C1</p> <div style="display: flex; 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Figure 153 Connector Composites (9523F), (9523M), (9524), (9526)

10.54. CONNECTOR COMPOSITES (9527), (9530), (9532), P. 41



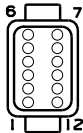
INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																				
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <p>HALDEX DRAIN VALVE (9527)</p> <p>CONNECTOR: 0587568C1 (LOCATED AT OUTSIDE LEFT FRAME RAIL AT AIR TANK)</p> </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> <th>SEAL/SLEEVE</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>N39B-G</td> <td>14</td> <td>WH</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	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N39B	14	BK	0587575C1	0589391C1	B	N39B-G	14	WH	0587575C1	0589391C1	B	N39A-G	14	WH	0587575C1	0589391C1																																									
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<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <p>J1939 TERMINATING RESISTOR (9530)</p> <p>CONNECTOR: 1667741C1 BODY LOCK: 1667771C1</p> <p>(LOCATED AT INSIDE LEFT FRAME RAIL BEHIND HCU)</p> </div> </div> <div style="margin-top: 10px;"> <p>• MUTUALLY EXCLUSIVE W/ABS6 EFFECTS</p> </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> <th>SEAL/SLEEVE</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>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>2025431C1</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> <tr> <td>C•●</td> <td>N5B-</td> <td>18</td> <td>GN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A•	N5B•	18	YL	1661875C1	3568570C1	A•	N5B(+•)	18	YL	1661875C1	3568570C1	A•●	N5B•	18	YL	1661875C1	3568570C1	B	PLUG	-	-	-	2025431C1	C•	N5B-	18	GN	1661875C1	3568570C1	C•	N5B(-•)	18	GN	1661875C1	3568570C1	C•●	N5B-	18	GN	1661875C1	3568570C1																	
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Figure 154 Connector Composites (9527), (9530), (9532)

10.55. CONNECTOR COMPOSITES (9532M), (9533), (9534), (9535), (9536), P. 41A

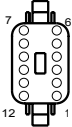




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<p>E-STROKE ENGINE/CHASSIS CONN (9532M)</p> <p>(LOCATED AT MID CHASSIS ENGINE/ CHASSIS INTERCONN)</p> <p>CONNECTOR: 1689500C1 BODY LOCK: 1689428C1</p>  <table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></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>K59A</td><td>18</td><td>GY</td><td>1680205C1</td></tr></tbody></table>						CAV	CIRCUIT	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	K59A	18	GY	1680205C1
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 <p>E-STROKE RIGHT FRONT SENSOR (9533)</p> <p>CONNECTOR: 1667741C1 BODY LOCK: 1667771C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL/SLEEVE</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	CIRCUIT	GAUGE	COLOR	TERM	SEAL/SLEEVE	A	N59S	18	GY	1661875C1	1661872C1	B	N59T	18	GY	1661875C1	1661872C1	C	N59U	18	GY	1661875C1	1661872C1	 <p>E-STROKE LEFT FRONT SENSOR (9534)</p> <p>CONNECTOR: 1667741C1 BODY LOCK: 1667771C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL/SLEEVE</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	CIRCUIT	GAUGE	COLOR	TERM	SEAL/SLEEVE	A	N59N	18	GY	1661875C1	1661872C1	B	N59P	18	GY	1661875C1	1661872C1	C	N59R	18	GY	1661875C1	1661872C1																	
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 <p>E-STROKE RIGHT REAR SENSOR (9535)</p> <p>CONNECTOR: 1667741C1 BODY LOCK: 1667771C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL/SLEEVE</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	CIRCUIT	GAUGE	COLOR	TERM	SEAL/SLEEVE	A	R59Y	16	BK	1661875C1	1661872C1	B	R59Z	16	BN	1661875C1	1661872C1	C	R59AA	16	RD	1661875C1	1661872C1	 <p>E-STROKE LEFT REAR SENSOR (9536)</p> <p>CONNECTOR: 1667741C1 BODY LOCK: 1667771C1</p> <table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL/SLEEVE</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	CIRCUIT	GAUGE	COLOR	TERM	SEAL/SLEEVE	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 155 Connector Composites (9532M), (9533), (9534), (9535), (9536)

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

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10

CONNECTOR COMPOSITES -MATING VIEW SHOWN

E-STROKE CHASSIS (9537M)
(LOCATED AT MIDDLE INSIDE FRAME RAIL)

CONNECTOR: 2005240C
BODY LOCK: 2005242C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	N59V	18	GY	1680205C
2	N59W	18	GY	1680205C
3	N59X	18	GY	1680205C
4	N59Y	18	GY	1680205C
5	N59Z	18	GY	1680205C
6	N59AA	18	GY	1680205C

E-STROKE CHASSIS (9537F)
(LOCATED AT MIDDLE INSIDE FRAME RAIL)

CONNECTOR: 2005241C
BODY LOCK: 2005243C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	R59V	16	LT BL	1680206C
2	R59W	16	LT GN	1680206C
3	R59X	16	VT	1680206C
4	R59Y	16	BK	1680206C
5	R59Z	16	BN	1680206C
6	R59AA	16	RD	1680206C

BENDIX AIR ABS-6
(9538)

CONNECTOR: 3598469C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	N3C-	18	GY	1680205C
2	N5A(-)	18	GN	1680205C
3	N94L+	16	GY	1680205C
4	N94R+	16	DK BL	1680205C
5	N3C+	18	DK BL	1680205C
6	N5A(+)	18	YL	1680205C
7	N94L-	16	OR	1680205C
8	N94R-	16	YL	1680205C
9	N94BJ	18	GY	1680205C
10	PLUG	-	-	0453133C
11	PLUG	-	-	0453133C
12	N94BCS	18	GY	1680205C
13	PLUG	-	-	0453133C
14	N94BP	12	GY	3557534C
15	N94-G	14	WH	3557534C

BENDIX AIR ABS-6
(9539)

CONNECTOR: 3597379C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	R94DL+	16	GY	1680205C
2	R94DL-	16	OR	1680205C
3	R94DR+	16	YL	1680205C
4	R94DR-	16	DK BL	1680205C
5	PLUG	-	-	0453133C
6	PLUG	-	-	0453133C
7	R94BC	16	BN	1680205C
8	R94BA	16	BK	1680205C
9	R94BF	16	LT BL	1680205C
10	R94BD	16	VT	1680205C
11	R94P	16	BN	1680205C
12	R94M	16	BK	1680205C
13	R94BB	16	RD	1680205C
14	R94BE	16	LT GN	1680205C
15	R94N	16	RD	1680205C
16	R94S	16	LT GN	1680205C
17	R94T	16	LT BL	1680205C
18	R94R	16	VT	1680205C

BENDIX AIR ABS-6
(9540)

CONNECTOR: 3597380C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	0453133C
2	PLUG	-	-	0453133C
3	PLUG	-	-	0453133C
4	PLUG	-	-	0453133C
5	PLUG	-	-	0453133C
6	PLUG	-	-	0453133C
7	R94A	16	DK BL	1680205C
8	PLUG	-	-	0453133C
9	PLUG	-	-	0453133C
10	PLUG	-	-	0453133C
11	PLUG	-	-	0453133C
12	PLUG	-	-	0453133C
13	RR94B	16	YL	1680205C
14	PLUG	-	-	0453133C
15	PLUG	-	-	0453133C
16	PLUG	-	-	0453133C
17	PLUG	-	-	0453133C
18	PLUG	-	-	0453133C

BENDIX AIR ABS-6
(9541M)

CONNECTOR: 3597380C
BODY LOCK: 2011364C

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	N94BA	16	BK	1661875C
B	N94BB	16	RD	1661875C
C	N94BC	16	BN	1661875C
D	N94BD	16	VT	1661875C
E	N94BE	16	LT GN	1661875C
F	N94BF	16	LT BL	1661875C

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DRIVE+ CONVENTIONAL BUS CIRCUIT DIAGRAMS		
CNA	16JUN06	REVISED AND REDRAWN	C	60296A	U00TFW3				

RELEASE NO.

57279H

DATE

17JAN03

PART NO.

AE08-54996

SHEET

42

Figure 156 Connector Composites (9537M), (9537F), (9538), (9539), (9540), (9541M)

10.57. CONNECTOR COMPOSITES (9541M), (9541F), (9736), (9777), (9778), (9801), P. 43



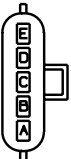



INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 10																																																																																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES -MATING VIEW SHOWN																																																																																							
<div style="text-align: center;">  <p>BENDIX AIR ABS-6 (9541M)</p> <p>CONNECTOR: 2011340C1 BODY LOCK: 2011364C1</p> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>N94BA</td><td>16</td><td>BK</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>N94BB</td><td>16</td><td>RD</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>N94BC</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>N94BD</td><td>16</td><td>VT</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>E</td><td>N94BE</td><td>16</td><td>LT GN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>F</td><td>N94BF</td><td>16</td><td>LT BL</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N94BA	16	BK	1661875C1	1661872C1	B	N94BB	16	RD	1661875C1	1661872C1	C	N94BC	16	BN	1661875C1	1661872C1	D	N94BD	16	VT	1661875C1	1661872C1	E	N94BE	16	LT GN	1661875C1	1661872C1	F	N94BF	16	LT BL	1661875C1	1661872C1	<div style="text-align: center;">  <p>BENDIX AIR ABS-6 MOD INTER CONN (9541F)</p> <p>CONNECTOR: 2024437C1 BODY LOCK: 2011364C1</p> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>R94BA</td><td>16</td><td>BK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>R94BB</td><td>16</td><td>RD</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>R94BC</td><td>16</td><td>BN</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>R94BD</td><td>16</td><td>VT</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>E</td><td>R94BE</td><td>16</td><td>LT GN</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>F</td><td>R94BF</td><td>16</td><td>LT BL</td><td>1667742C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94BA	16	BK	1667742C1	1661872C1	B	R94BB	16	RD	1667742C1	1661872C1	C	R94BC	16	BN	1667742C1	1661872C1	D	R94BD	16	VT	1667742C1	1661872C1	E	R94BE	16	LT GN	1667742C1	1661872C1	F	R94BF	16	LT BL	1667742C1	1661872C1
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<div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 10px;"> <p>AIR SOLENOID 4-PACK (9736)</p> <p>(LOCATED AT ENGINE COMPARTMENT REAR)</p> <p>CONNECTOR: 1661375C2 BODY LOCK: 1661376C1</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>K59H</td><td>14</td><td>GY</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>K59J</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>K59K</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>K59L</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>K59M</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K59H	14	GY	2033816C1	0589391C1	B	K59J	18	GY	2033819C1	1652325C1	C	K59K	18	GY	2033819C1	1652325C1	D	K59L	18	GY	2033819C1	1652325C1	E	K59M	18	GY	2033819C1	1652325C1																																																
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<p style="text-align: center;">HYD ABS SAHR SENSOR (9777)</p> <p style="text-align: center;">(LOCATED AT INSIDE LEFT FRAME RAIL AT SAHR CANNISTER)</p> <div style="text-align: center;">  <p>CONNECTOR: 1667741C1 BODY LOCK: 1667771C1</p> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>R90D</td><td>18</td><td>YL</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>R94-GE</td><td>18</td><td>GN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>R44D</td><td>18</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R90D	18	YL	1661875C1	1661872C1	B	R94-GE	18	GN	1661875C1	1661872C1	C	R44D	18	BN	1661875C1	1661872C1	<p style="text-align: center;">SAHR CUT-OFF SOLENOID (9778)</p> <p style="text-align: center;">(LOCATED AT INSIDE LEFT FRAME RAIL AT HCU)</p> <div style="text-align: center;">  <p>CONNECTOR: 3522068C1 BODY LOCK: 1661874C1</p> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>R44C</td><td>18</td><td>RD</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>R90D-G</td><td>18</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R44C	18	RD	1661875C1	1661872C1	B	R90D-G	18	BN	1661875C1	1661872C1																																										
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<p>LOW CURRENT PRESSURE SW (9801)</p> <p>(LOCATED AT ENGINE COMPARTMENT REAR)</p> <div style="text-align: center;">  <p>CONNECTOR: 1661777C1 BODY LOCK: 1661873C1</p> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>C</td><td>K93</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>K9D</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERM	SEAL/SLEEVE	C	K93	18	TN	1661875C1	1661872C1	D	K9D	18	GY	1661875C1	1661872C1																																																																		
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Figure 157 Connector Composites (9541M), (9541F), (9736), (9777), (9778), (9801)

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