

13. CONNECTOR COMPOSITES (CHAPTER 13)

13.1. LEFT GAUGE CLUSTER (CONNECTOR 423), P. 1

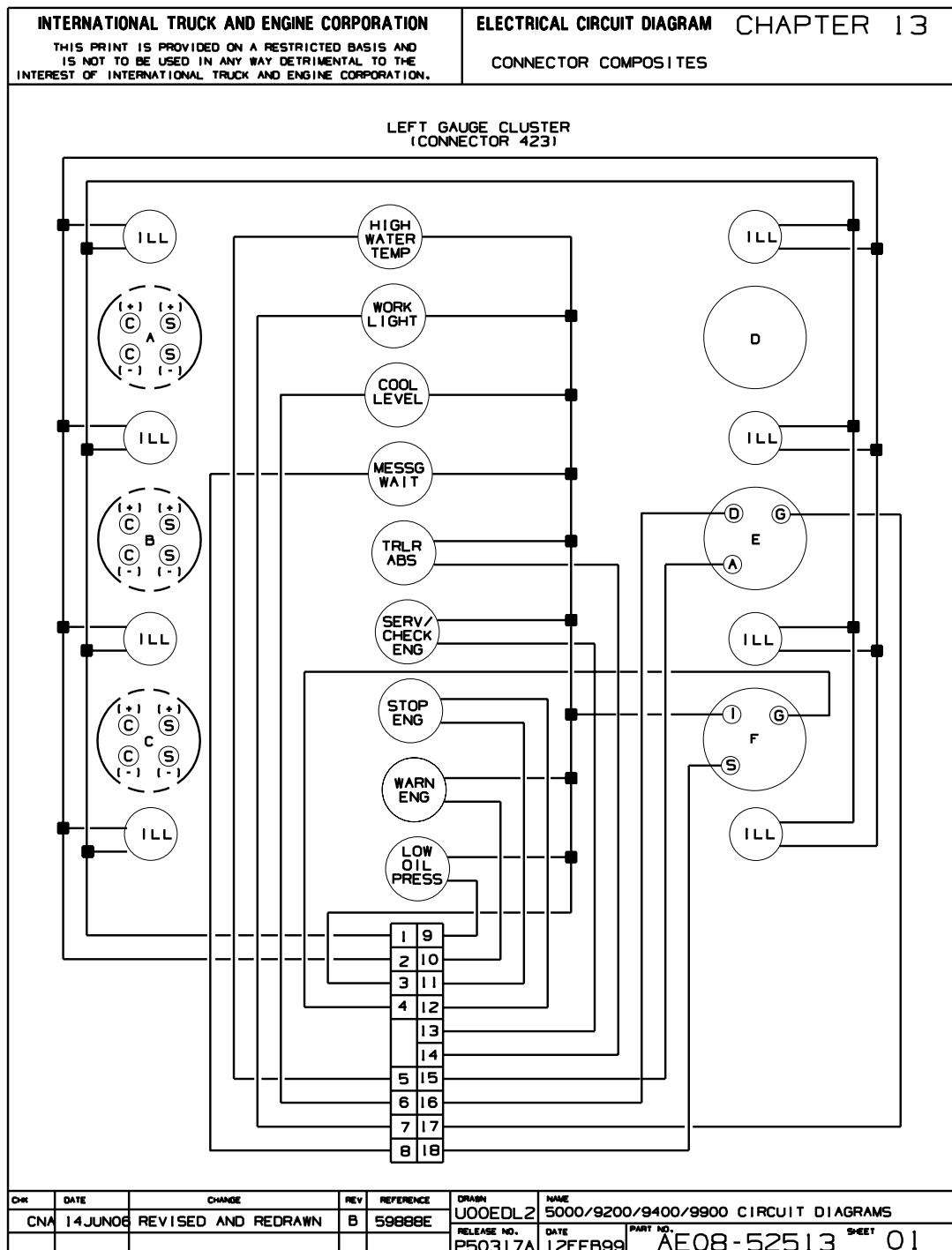
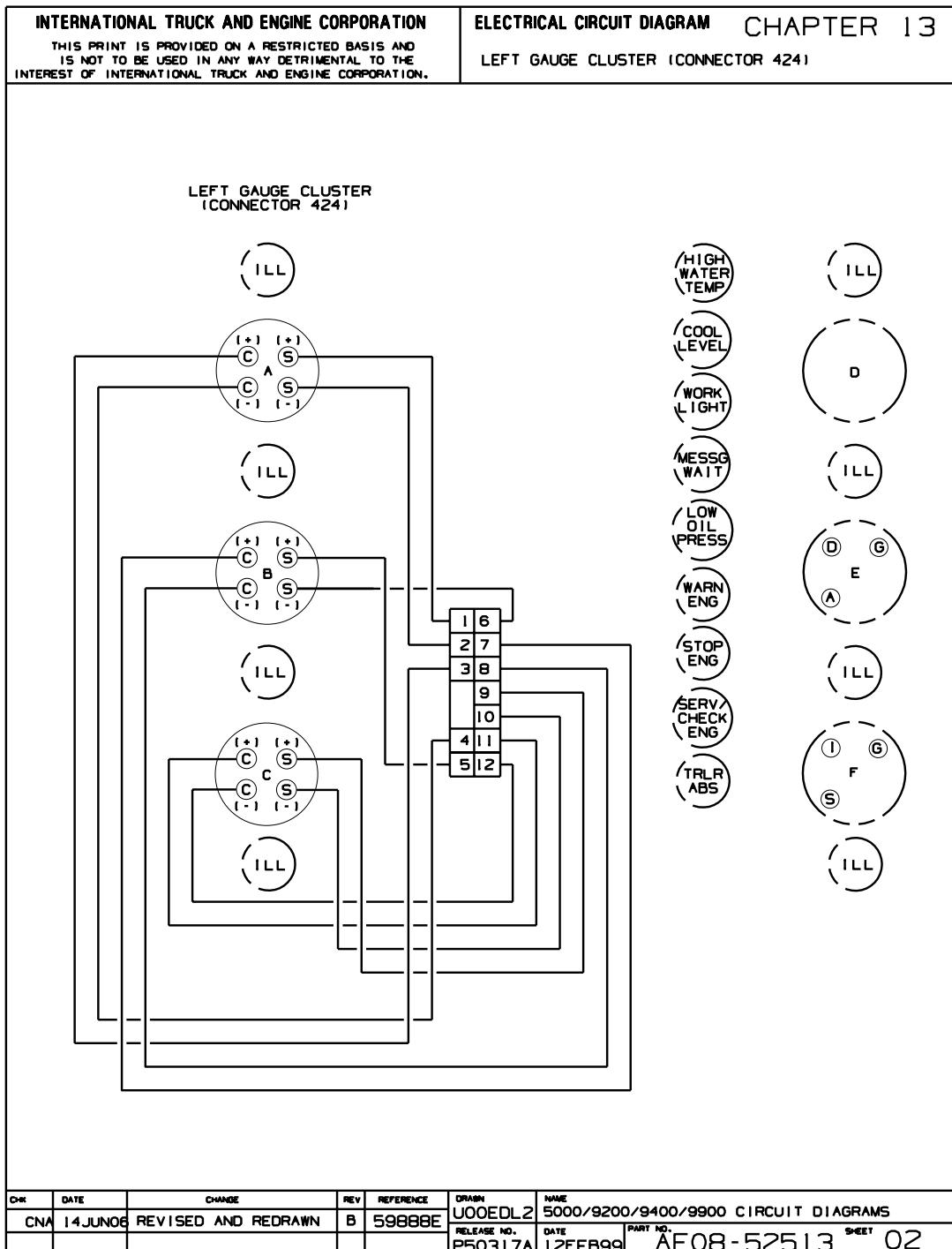


Figure 199 Left Gauge Cluster (Connector 423)

13.2. LEFT GAUGE CLUSTER (CONNECTOR 424), P. 2**Figure 200 Left Gauge Cluster (Connector 424)**

13.3. LEFT GAUGE CLUSTER — GAUGE INFORMATION, P. 3

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 13 CONNECTOR COMPOSITES					
GAUGES						
A. ENGINE WATER TEMPERATURE B. ENGINE OIL PRESSURE C. VOLTMETER D. AIR APPLICATION - OPTIONAL E. PYROMETER - OPTIONAL F. ENGINE OIL TEMPERATURE						
NOTES: 1. VIEWED FROM REAR OF HOUSING. 2. NUMBERS IN BOXES CORRESPOND TO CAVITY NUMBERS IN CLUSTER.						
C/N#	DATE	CHANGE	REV	REFERENCE	DRAWN BY	NAME
CNA	14 JUN 06	REVISED AND REDRAWN	A	5988BE	U00EDL2	5000/9200/9400/9900 CIRCUIT DIAGRAMS
					RELEASE NO.	DATE
				P50317A	12FEB99	PART NO. AE08-52513 SHEET 03

Figure 201 Left Gauge Cluster — Gauge Information

13.4. LEFT GAUGE CLUSTER — TERMINAL INFORMATION, P. 4

INTERNATIONAL TRUCK AND ENGINE CORPORATION		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																																																																	
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LEFT GAUGE CLUSTER (1423M)																																																																																																			
 CONNECTOR - 2018639C1		<table border="1"> <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>A62C</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr> <tr><td>2</td><td>A62-GC</td><td>18</td><td>WH</td><td>2018639C1</td></tr> <tr><td>3</td><td>A28A</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>4</td><td>A11-GM</td><td>18</td><td>WH</td><td>2018639C1</td></tr> <tr><td>5</td><td>A29L</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>A65C</td><td>18</td><td>OR</td><td>2018639C1</td></tr> <tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>9</td><td>A35L</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>10</td><td>A97AT</td><td>18</td><td>VT</td><td>2018639C1</td></tr> <tr><td>11</td><td>A97AP</td><td>18</td><td>VT</td><td>2018639C1</td></tr> <tr><td>12</td><td>A28D</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>13</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>14</td><td>A94T</td><td>18</td><td>GY</td><td>2018639C1</td></tr> <tr><td>15</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>16</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>17</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>18</td><td>A30</td><td>18</td><td>TN</td><td>2018639C1</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A62C	18	DKBL	2018639C1	2	A62-GC	18	WH	2018639C1	3	A28A	18	TN	2018639C1	4	A11-GM	18	WH	2018639C1	5	A29L	18	TN	2018639C1	6	-	-	-	-	7	A65C	18	OR	2018639C1	8	-	-	-	-	9	A35L	18	TN	2018639C1	10	A97AT	18	VT	2018639C1	11	A97AP	18	VT	2018639C1	12	A28D	18	TN	2018639C1	13	-	-	-	-	14	A94T	18	GY	2018639C1	15	-	-	-	-	16	-	-	-	-	17	-	-	-	-	18	A30	18	TN	2018639C1		
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1. INSTRUMENT LAMP POWER (+) 2. INSTRUMENT LAMP GROUND (-) 3. IGNITION (+) 4. GROUND (-) 5. HIGH WATER TEMPERATURE WARNING LIGHT (GROUND ACTIVE) 6. LOW COOLANT LEVEL WARNING LIGHT (GROUND ACTIVE) • 7. WORK LIGHT (GROUND ACTIVE) • 8. MESSAGE WAIT (GROUND ACTIVE) • 9. LOW OIL PRESSURE WARNING LIGHT (GROUND ACTIVE) 10. WARN ENGINE WARNING LIGHT W/ELECTRONIC ENGINES 11. STOP ENGINE WARNING LIGHT W/ELECTRONIC ENGINES 12. WARN & STOP ENGINE WARNING LIGHT (COMMON) W/ELECTRONIC ENGINES 13. CHECK ENGINE WARNING LIGHT (GROUND ACTIVE) W/ELECTRONIC ENGINES 14. TRAILER ABS WARNING LIGHT (GROUND ACTIVE) 15. PYROMETER AMPLIFIER (POWER) • 16. PYROMETER AMPLIFIER (GAUGE SIGNAL) • 17. PYROMETER AMPLIFIER (GROUND) • 18. ENGINE OIL TEMPERATURE SENDER (INPUT SIGNAL) • • OPTIONAL																																																																																																			
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Figure 202 Left Gauge Cluster — Terminal Information

13.5. LEFT GAUGE CLUSTER — TERMINAL INFORMATION, P. 5

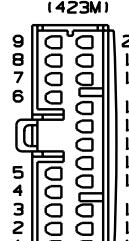
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LEFT GAUGE CLUSTER (1423M)  CONNECTOR - 2018588C1				ELECTRICAL CIRCUIT DIAGRAM <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</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>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>11</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>12</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>13</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>14</td><td>L94T</td><td>18</td><td>GY</td><td>2018639C1</td></tr> <tr><td>15</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>16</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>17</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>18</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>19</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>20</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	-	-	-	-	4	-	-	-	-	5	-	-	-	-	6	-	-	-	-	7	-	-	-	-	8	-	-	-	-	9	-	-	-	-	10	-	-	-	-	11	-	-	-	-	12	-	-	-	-	13	-	-	-	-	14	L94T	18	GY	2018639C1	15	-	-	-	-	16	-	-	-	-	17	-	-	-	-	18	-	-	-	-	19	-	-	-	-	20	-	-	-	-
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Figure 203 Left Gauge Cluster — Terminal Information

13.6. RIGHT GAUGE CLUSTER (CONNECTOR 424M), P. 6

INTERNATIONAL TRUCK AND ENGINE CORPORATION		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																																				
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RIGHT GAUGE CLUSTER (424M)																																																																						
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Figure 204 Right Gauge Cluster (Connector 424M)

13.7. RIGHT GAUGE CLUSTER (CONNECTOR 420), P. 7

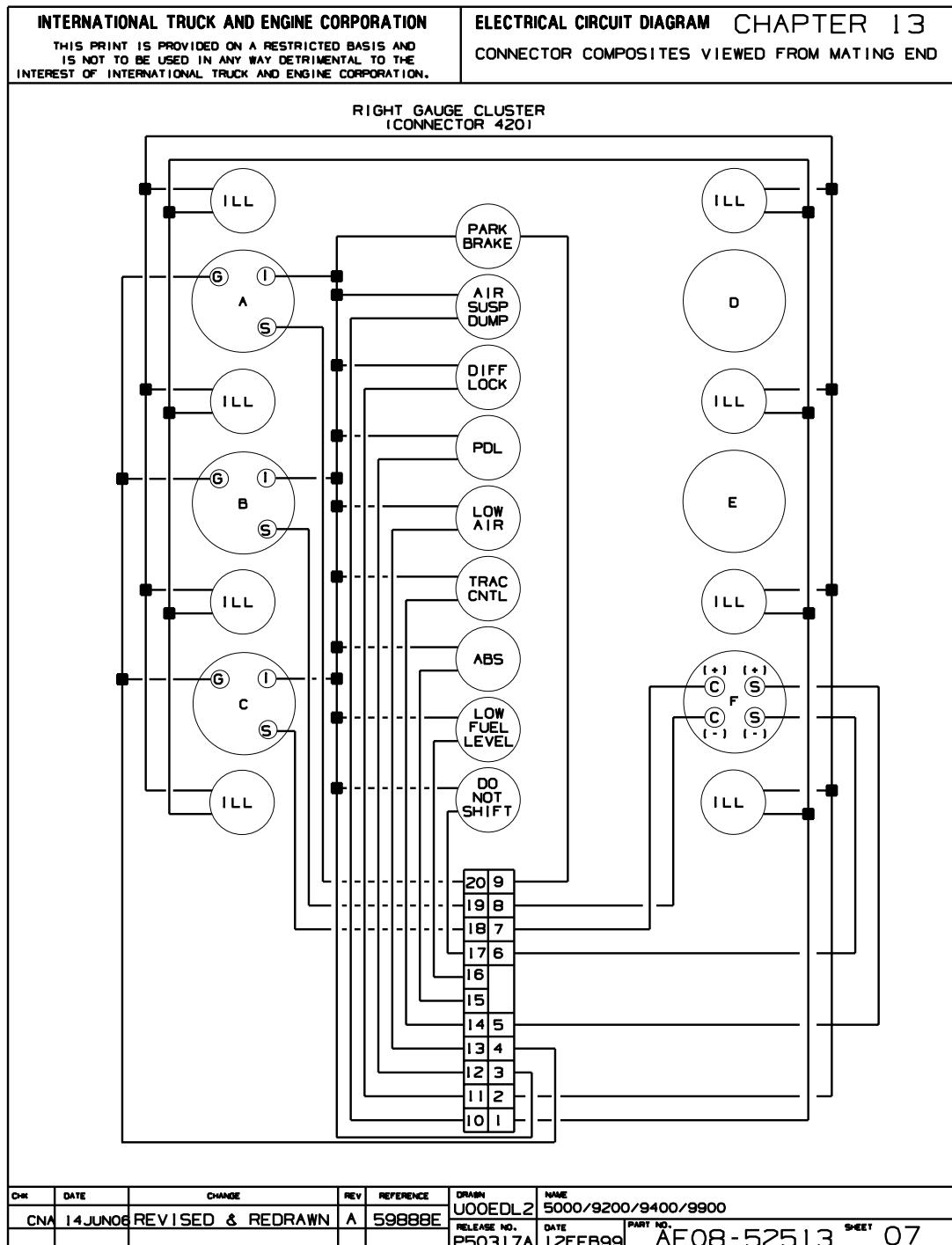


Figure 205 Right Gauge Cluster (Connector 420)

13.8. RIGHT GAUGE CLUSTER — GAUGE INFORMATION, 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 DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 <small>CONNECTOR COMPOSITES VIEWED FROM MATING END</small>																					
RIGHT GAUGES CLUSTER - GAUGE INFORMATION																						
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Figure 206 Right Gauge Cluster — Gauge Information

13.9. RIGHT GAUGE CLUSTER — TERMINAL INFORMATION, P. 9

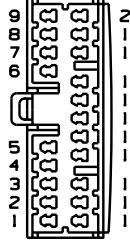
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Figure 207 Right Gauge Cluster — Terminal Information

13.10. RIGHT SIDE CLUSTER (CONNECTOR 420M), P. 10

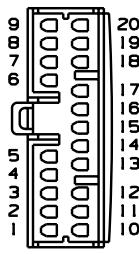
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Figure 208 Right Side Cluster (Connector 420M)

13.11. SPEEDOMETER/TACHOMETER MODULE — TERMINAL INFORMATION, P. 11

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1. INSTRUMENT LAMP POWER (+) 2. INSTRUMENT LAMP GROUND (-) 3. IGNITION (+) 4. GROUND (-) 5. J1708 DATA LINK (+) W/ ELECTRONIC ENGINES 6. J1708 DATA LINK (-) W/ ELECTRONIC ENGINES 7. SPEEDOMETER SENSOR-HIGH (INPUT SIGNAL) W/ MECHANICAL ENGINES 8. SPEEDOMETER SENSOR-LOW (INPUT SIGNAL) W/ MECHANICAL ENGINES 9. BATTERY (+) 10. OIL PRESSURE SENDER (INPUT SIGNAL) W/ MECHANICAL ENGINES 11. OIL PRESSURE SENDER (GROUND SIGNAL) W/ MECHANICAL ENGINES 12. OIL PRESSURE SENDER (+5V SUPPLY) W/ MECHANICAL ENGINES 13. TACHOMETER SENSOR-HIGH (INPUT SIGNAL) W/ MECHANICAL ENGINES 14. TACHOMETER SENSOR-LOW (INPUT SIGNAL) W/ MECHANICAL ENGINES 15. FUEL SENDER (INPUT SIGNAL) 16. WATER TEMPERATURE SENDER (INPUT SIGNAL) W/ MECHANICAL ENGINES 17. TWO SPEED AXLE (OUTPUT SIGNAL) • 18. LOW AIR SWITCH (GROUND ACTIVE) 19. LOW FUEL LEVEL WARNING LIGHT (OUTPUT SIGNAL) 20. HIGH BEAM INDICATOR (INPUT SIGNAL)		<ul style="list-style-type: none"> • OPTIONAL 																																																																																																												
C/N# DATE CHANGE REV REFERENCE DRAWN NAME CNA 14JUN06 REVISED & REDRAWN C 5988BE U00EDL_2 5000/9200/9400/9900 CIRCUIT DIAGRAMS		RELEASE NO. DATE PART NO. SHEET P50317A 12FEB99 AE08-52513 11																																																																																																												

Figure 209 Speedometer/Tachometer Module — Terminal Information

13.12. SPEEDOMETER/TACHOMETER MODULE (422M), P. 12

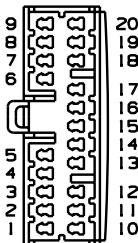
INTERNATIONAL TRUCK AND ENGINE CORPORATION		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																											
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CONNECTOR - 2018639C1																																													
TERMINALS																																													
 <p>1. RIGHT TURN SIGNAL (INPUT SIGNAL) 2. LEFT TURN SIGNAL (INPUT SIGNAL) 3. HIGH WATER TEMPERATURE WARNING LIGHT (OUTPUT SIGNAL) 4. LOW OIL PRESSURE WARNING LIGHT (OUTPUT SIGNAL) 5. ENGINE WATER TEMPERATURE GAUGE (SINE +) 6. ENGINE WATER TEMPERATURE GAUGE (SINE -) 7. ENGINE WATER TEMPERATURE GAUGE (COS +) 8. ENGINE WATER TEMPERATURE GAUGE (COS -) 9. ENGINE OIL PRESSURE GAUGE (SINE +) 10. ENGINE OIL PRESSURE GAUGE (SINE -) 11. ENGINE OIL PRESSURE GAUGE (COS +) 12. ENGINE OIL PRESSURE GAUGE (COS -) 13. VOLTMETER GAUGE (SINE +) 14. VOLTMETER GAUGE (SINE -) 15. VOLTMETER GAUGE (COS +) 16. VOLTMETER GAUGE (COS -) 17. FUEL LEVEL GAUGE (SINE +) 18. FUEL LEVEL GAUGE (SINE -) 19. FUEL LEVEL GAUGE (COS +) 20. FUEL LEVEL GAUGE (COS -)</p> <p>• OPTIONAL</p>																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>CHG</td> <td>DATE</td> <td>CHANGE</td> <td>REV</td> <td>REFERENCE</td> <td>DRAWN</td> <td colspan="2">NAME</td> </tr> <tr> <td>CNA</td> <td>14 JUN 06</td> <td>ADDED CIRCUIT DETAILS</td> <td>B</td> <td>59888E</td> <td>U00EDL2</td> <td colspan="2">5000/9200/9400/9900 CIRCUIT DIAGRAMS</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO.</td> <td>DATE</td> <td>PART NO.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>P50317A</td> <td>12FEB99</td> <td>ÆE08-52513</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SHEET 12</td> </tr> </table>						CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		CNA	14 JUN 06	ADDED CIRCUIT DETAILS	B	59888E	U00EDL2	5000/9200/9400/9900 CIRCUIT DIAGRAMS							RELEASE NO.	DATE	PART NO.						P50317A	12FEB99	ÆE08-52513								SHEET 12
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							SHEET 12																																						

Figure 210 Speedometer/Tachometer Module (422M)

13.13. CONNECTOR COMPOSITE (1), P. 13

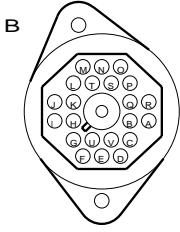
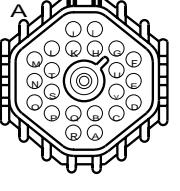
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Figure 211 Connector Composite (1)

13.14. CONNECTOR COMPOSITE (2), P. 14

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.						ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																																																																																																																																																																																																																																																																																																																																																											
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<tr><td>R</td><td>K92PS</td><td>18</td><td>TN</td><td>0587578C1</td><td>1652325C1</td></tr> <tr><td>R</td><td>23</td><td>18</td><td>TN</td><td>0587578C1</td><td>1652325C1</td></tr> <tr><td>S</td><td>K82F</td><td>16</td><td>GY</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>T</td><td>K82-GC</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>U</td><td>K62S</td><td>16</td><td>TN</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>V</td><td>K31B</td><td>16</td><td>TN</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>V</td><td>K31</td><td>16</td><td>TN</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K92-GU	18	TN	0587578C1	1652325C1	A	K92-GU&@	18	WH	0587578C1	1652325C1	B	K30&	18	GY	0587578C1	1652325C1	B	K30@	16	TN	0587577C1	1652325C1	C	K77F	14	LTGN	0587577C1	0589391C1	D	K49C*	18	GY	0587578C1	1652325C1	E	K92CT	18	TN	0587578C1	1652325C1	F	K97EB*	18	VT	0587578C1	1652325C1	F	K13BB*	18	PK	0587578C1	1652325C1	G	K71	16	OR	0587577C1	1652325C1	H	K71A	16	OR	0587577C1	1652325C1	H	K71A	16	OR	0587577C1	1652325C1	I	K97ED*	18	TN	0587578C1	1652325C1	I	K92AA*	16	TN	0587577C1	1652325C1	I	K97EC*	16	TN	0587577C1	1652325C1	I	K97ED*	16	TN	0587577C1	1652325C1	I	29	18	TN	0587577C1	1652325C1	J	K23A&@	18	TN	0587578C1	1652325C1	J	K23A&	14	TN	0587577C1	0589391C1	K	K23B*	18	TN	0587578C1	1652325C1	L	K17C	16	PK	0587577C1	1652325C1	L	K17B	16	PK	0587577C1	1652325C1	M	K82C	16	GY	0587577C1	1652325C1	N	K82D	16	GY	0587577C1	1652325C1	O	K82E	16	GY	0587577C1	1652325C1	P	K13D	18	PK	0587578C1	1652325C1	P	K13D&@	16	PK	0587577C1	1652325C1	Q	K92PF*	14	TN	0587577C1	0589391C1	Q	21A	18	TN	0587577C1	0589391C1	R	K92PS	18	TN	0587578C1	1652325C1	R	23	18	TN	0587578C1	1652325C1	S	K82F	16	GY	0587577C1	1652325C1	T	K82-GC	16	WH	0587577C1	1652325C1	U	K62S	16	TN	0587577C1	1652325C1	V	K31B	16	TN	0587577C1	1652325C1	V	K31	16	TN	0587577C1	1652325C1
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Figure 212 Connector Composite (2)

13.15. CONNECTOR COMPOSITE (3), P. 15

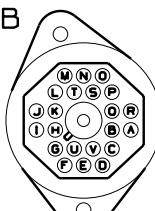
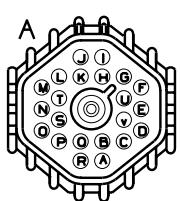
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																																																																																															
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Figure 213 Connector Composite (3)

13.16. CONNECTOR COMPOSITES (4M), (9), (11), (15), (20), P. 16

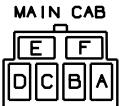
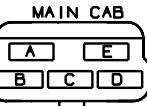
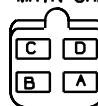
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Figure 214 Connector Composites (4M), (9), (11), (15), (20)

13.17. CONNECTOR COMPOSITES (27), (40M), (41), (42), P. 17

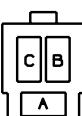
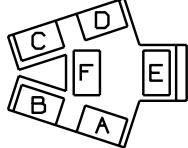
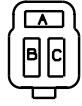
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																						
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Figure 215 Connector Composites (27), (40M), (41), (42)

13.18. CONNECTOR COMPOSITES (48), (65F), (66F), P. 18

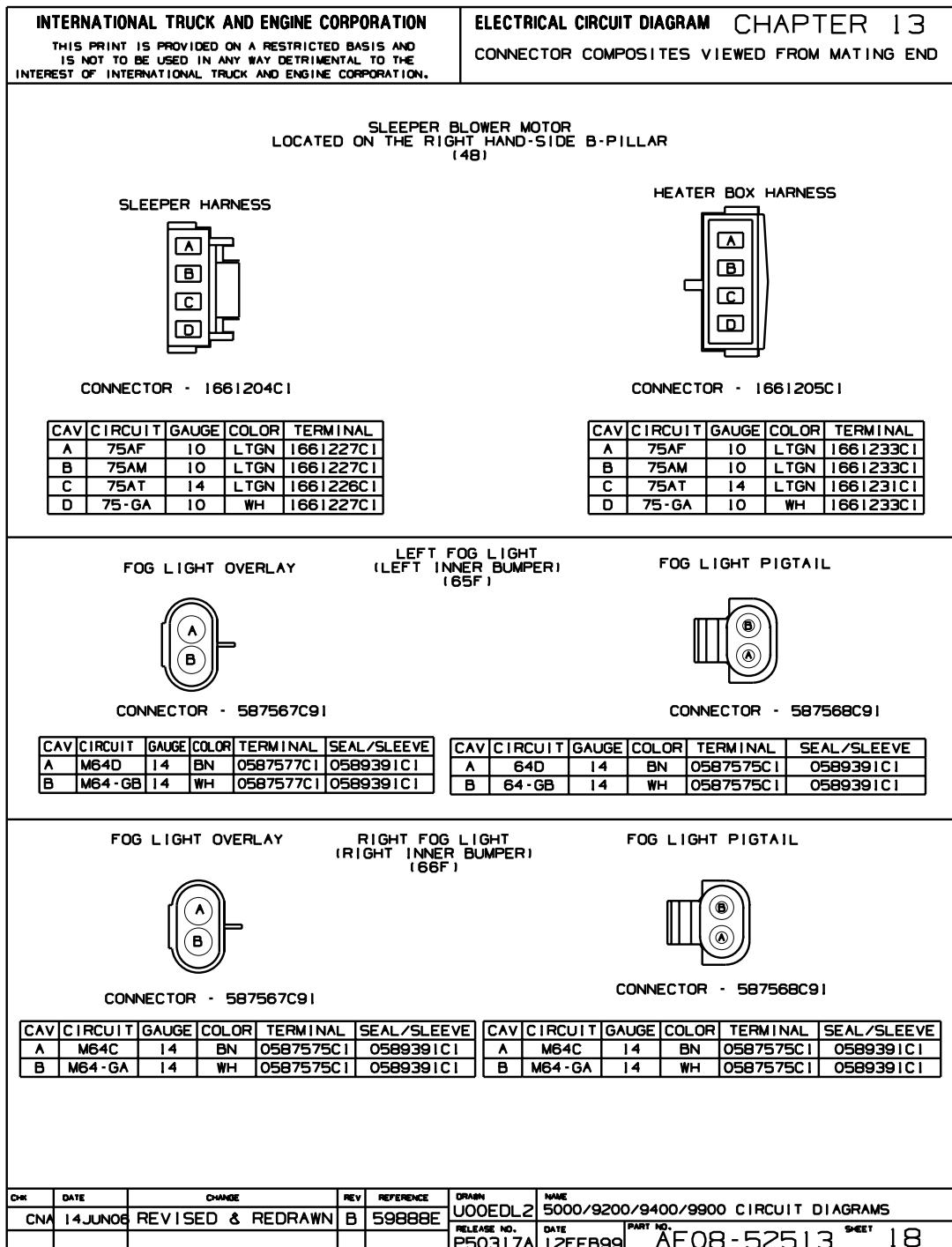


Figure 216 Connector Composites (48), (65F), (66F)

13.19. CONNECTOR COMPOSITES (71), (72), (76), (77), (94), P. 19

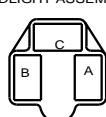
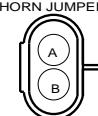
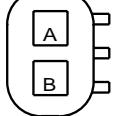
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	FOR CONN #4				P50317A	12FEB99																																																						

Figure 217 Connector Composites (71), (72), (76), (77), (94)

13.20. CONNECTOR COMPOSITES (100), (100A), (105), (111), (112), (113), P. 20

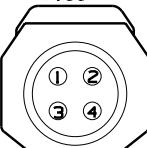
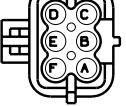
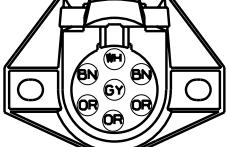
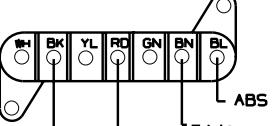
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BACKBONE J1939 (100)  CONNECTOR - 1667741C1						BACKBONE J1939 (ENGINE CONNECTION) (100A)  CONNECTOR - 3537127C1																																																																																					
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TRAILER SOCKET (112) (LOCATED ON REAR OF SLEEPER OR END OF FRAME)  CONNECTOR (PLASTIC HOUSING) - 3520417C1 CONNECTOR (DIE CAST HOUSING) - 2009934C1 RUBBER BOOT - 481849C1 GASKET - 166609C1						FOUR WHEEL TRAILER JUNCTION BLOCK (REAR CROSS MEMBER) (113)  ASSEMBLY - 407860C91																																																																																					
<ul style="list-style-type: none"> • W/ TRAILER CONN ON FRAME • W/ TRAILER CONN ON CAB / SLEEPER <table border="1"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th></th></tr> </thead> <tbody> <tr> <td>WH</td><td>11-GN•</td><td>18</td><td>WH</td><td></td></tr> <tr> <td>WH</td><td>11-GAL••</td><td>18</td><td>WH</td><td></td></tr> <tr> <td>BN</td><td>58R</td><td>12</td><td>BN</td><td></td></tr> <tr> <td>OR</td><td>56C</td><td>12</td><td>OR</td><td></td></tr> <tr> <td>OR</td><td>94AF</td><td>10</td><td>GY</td><td></td></tr> <tr> <td>OR</td><td>70C</td><td>10</td><td>OR</td><td></td></tr> <tr> <td>BN</td><td>57C</td><td>12</td><td>OR</td><td></td></tr> <tr> <td>GY</td><td>68B</td><td>12</td><td>BN</td><td></td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR		WH	11-GN•	18	WH		WH	11-GAL••	18	WH		BN	58R	12	BN		OR	56C	12	OR		OR	94AF	10	GY		OR	70C	10	OR		BN	57C	12	OR		GY	68B	12	BN		<table border="1"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th></th></tr> </thead> <tbody> <tr> <td>WH</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr> <td>BK</td><td>58R</td><td>12</td><td>BN</td><td></td></tr> <tr> <td>YL</td><td>56C</td><td>12</td><td>OR</td><td></td></tr> <tr> <td>RD</td><td>70C</td><td>10</td><td>OR</td><td></td></tr> <tr> <td>GN</td><td>57C</td><td>12</td><td>OR</td><td></td></tr> <tr> <td>BN</td><td>68B</td><td>12</td><td>BN</td><td></td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR		WH	-	-	-		BK	58R	12	BN		YL	56C	12	OR		RD	70C	10	OR		GN	57C	12	OR		BN	68B	12	BN	
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Figure 218 Connector Composites (100), (100A), (105), (111), (112), (113)

13.21. CONNECTOR COMPOSITES (115), (116), (117), P. 21

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Figure 219 Connector Composites (115), (116), (117)

13.22. CONNECTOR COMPOSITES (117), (118), P. 22

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END				

13.23. CONNECTOR COMPOSITES (118), (127A), (128), P. 23

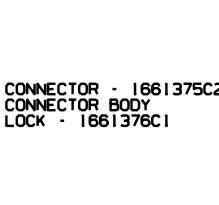
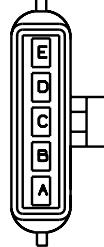
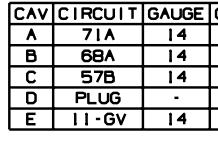
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Figure 221 Connector Composites (118), (127A), (128)

13.24. CONNECTOR COMPOSITES (137), (142M), (143M), P. 24

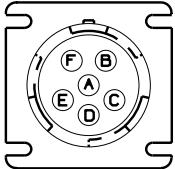
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Figure 222 Connector Composites (137), (142M), (143M)

13.25. CONNECTOR COMPOSITES (144M), (145M), (146M), P. 25

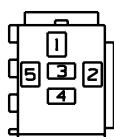
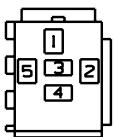
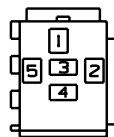
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Figure 223 Connector Composites (144M), (145M), (146M)

13.26. CONNECTOR COMPOSITES (147), (148), (149), (150), P. 26

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CONNECTOR - 0593385C1		CONNECTOR - 0593385C1																																																																			
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Figure 224 Connector Composites (147), (148), (149), (150)

13.27. CONNECTOR COMPOSITES (156), (157), P. 27

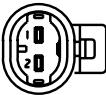
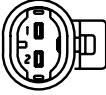
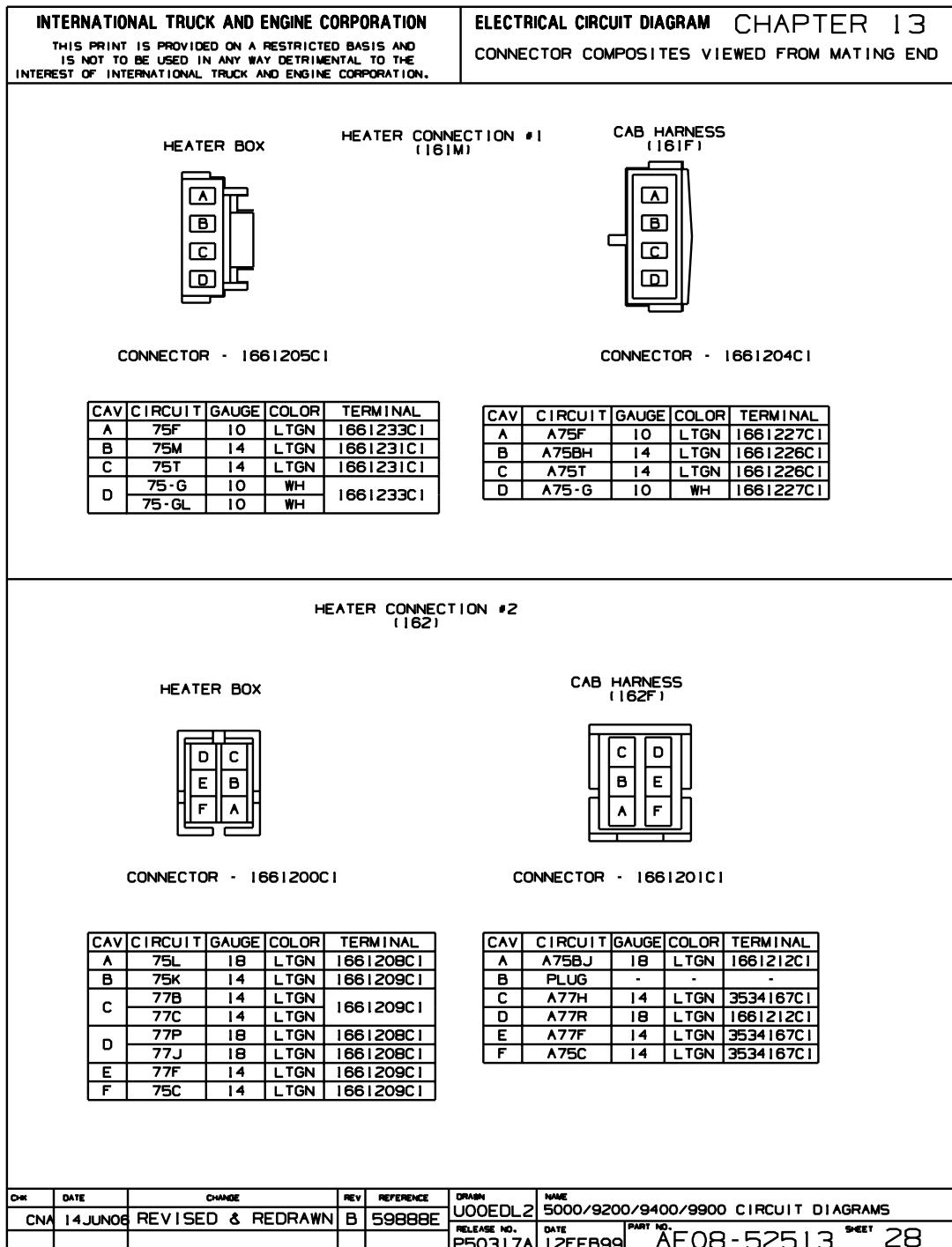
INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																												
RELAY 1 CONNECTOR (156)  CONNECTOR - 2206588C1	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>1</td><td>59CB</td><td>18</td><td>VT</td><td>3522190C1</td><td>3522193C1</td></tr> <tr> <td>2</td><td>59BG</td><td>18</td><td>VT</td><td>3522190C1</td><td>3522193C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	59CB	18	VT	3522190C1	3522193C1	2	59BG	18	VT	3522190C1	3522193C1										
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RELAY2 CONNECTOR (157)  CONNECTOR - 2206588C1	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>1</td><td>59CC</td><td>18</td><td>VT</td><td>3522190C1</td><td>3522193C1</td></tr> <tr> <td>2</td><td>59CG</td><td>18</td><td>VT</td><td>3522190C1</td><td>3522193C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	59CC	18	VT	3522190C1	3522193C1	2	59CG	18	VT	3522190C1	3522193C1										
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						SHEET 27																							

Figure 225 Connector Composites (156), (157)

13.28. CONNECTOR COMPOSITES (161M), (162), P. 28**Figure 226 Connector Composites (161M), (162)**

13.29. CONNECTOR COMPOSITES (165), (166), (167), (168), P. 29

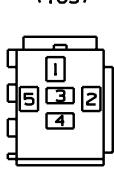
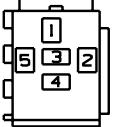
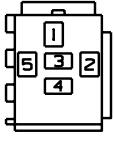
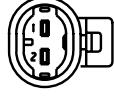
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CONNECTOR - 0593385C1		•N/ BENDIX																																																						
ABS ENGINE BRAKE RELAY (166)		 <table border="1"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr> <td>1</td><td>94F</td><td>16</td><td>GY</td><td>1661709C1</td></tr> <tr> <td>2</td><td>94C</td><td>14</td><td>GY</td><td>1661710C1</td></tr> <tr> <td></td><td>94F</td><td>14</td><td>GY</td><td></td></tr> <tr> <td>3</td><td>13AF</td><td>16</td><td>BK</td><td>1661709C1</td></tr> <tr> <td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>5</td><td>94</td><td>16</td><td>GY</td><td>1661709C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	94F	16	GY	1661709C1	2	94C	14	GY	1661710C1		94F	14	GY		3	13AF	16	BK	1661709C1	4	-	-	-	-	5	94	16	GY	1661709C1															
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Figure 227 Connector Composites (165), (166), (167), (168)

13.30. CONNECTOR COMPOSITES (170), (170M), (171), (171M), (180), P. 30

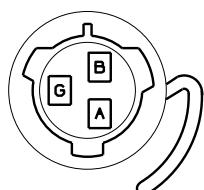
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Figure 228 Connector Composites (170), (170M), (171), (171M), (180)

13.31. CONNECTOR COMPOSITE (190), P. 31

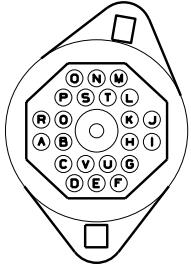
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																																																																																																																																																											
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		<p>@@ - W/ AHD AND ISM @ - W/ NI4, AHD AND ISM & - W/ NI4, SERIES 60, AHD AND ISM • - W/ C10, C12, 3406E, SERIES 60 AHD AND ISM •• - W/ NI4 AND SERIES 60 • - W/ NI4 ** - W/ SERIES 60 % - W/ C10, C12, 3406E, NI4, AHD AND ISM %% - W/ C10, C12, 3406E</p>																																																																																																																																																																																																											
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Figure 229 Connector Composite (190)

13.32. CONNECTOR COMPOSITE (190), P. 32

Figure 230 Connector Composite (190)

13.33. CONNECTOR COMPOSITE (190), P. 33

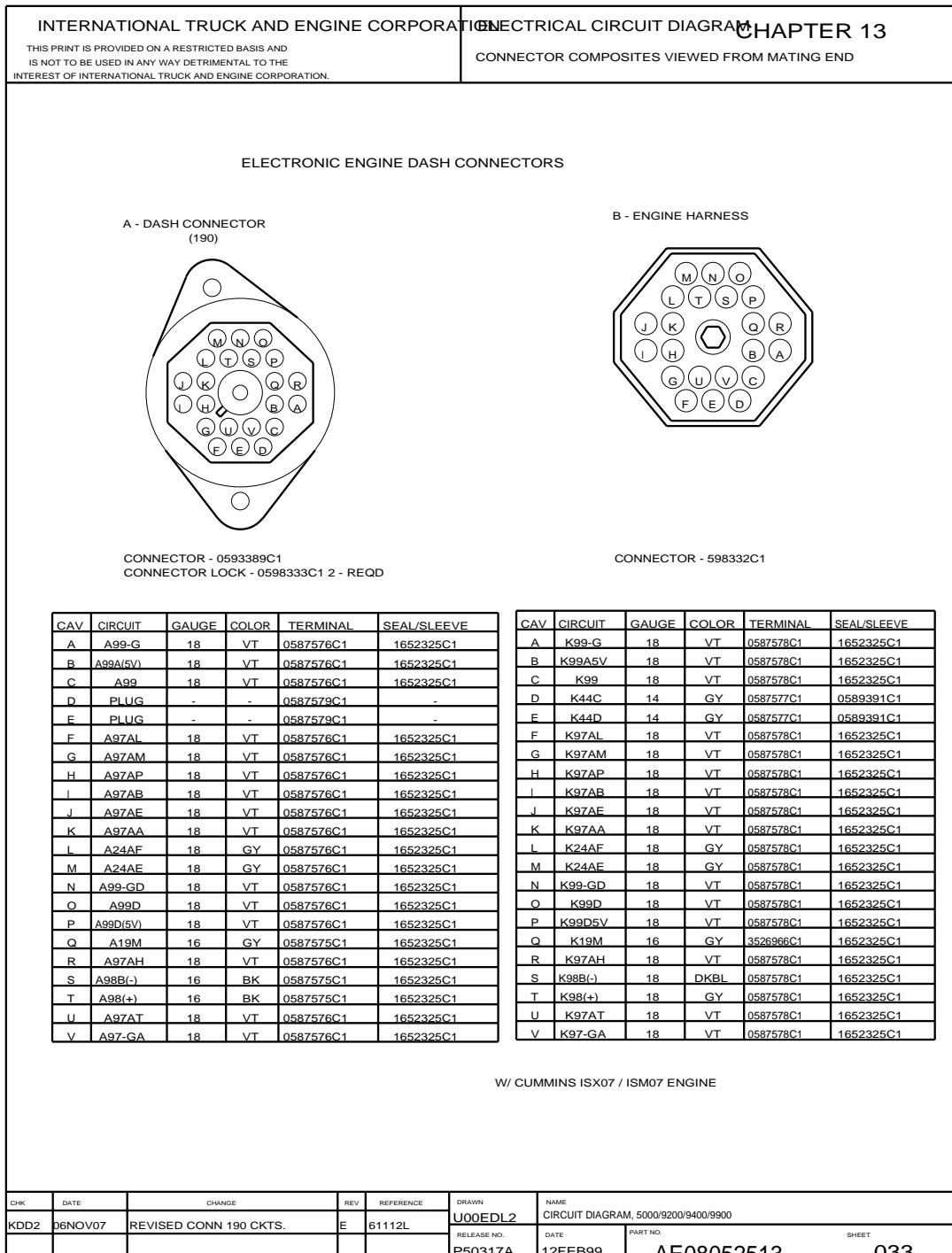


Figure 231 Connector Composite (190)

13.34. CONNECTOR COMPOSITES (196), (199), (200), (200M), (201), P. 34

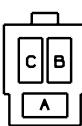
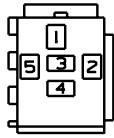
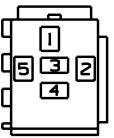
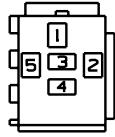
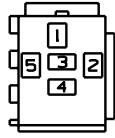
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BUNK BLOWER RESISTOR ASSEMBLY (196)		 <table border="1"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr> <td>A</td><td>75AM</td><td>10</td><td>LGN</td><td>1660025C1</td></tr> <tr> <td>B</td><td>75AJ</td><td>14</td><td>LGN</td><td>0188396R1</td></tr> <tr> <td>C</td><td>75AC</td><td>14</td><td>LGN</td><td>0188396R1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	75AM	10	LGN	1660025C1	B	75AJ	14	LGN	0188396R1	C	75AC	14	LGN	0188396R1																										
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CONNECTOR - 0266516C1																																																			
WORK LIGHT IN PARK / REVERSE (199)		 <table border="1"> <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>65A</td><td>16</td><td>OR</td><td>1661709C1</td></tr> <tr> <td>2</td><td>65C</td><td>16</td><td>OR</td><td>1661709C1</td></tr> <tr> <td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>4</td><td>65L</td><td>16</td><td>OR</td><td>1661709C1</td></tr> <tr> <td>5</td><td>13Z</td><td>12</td><td>PK</td><td>1661709C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	65A	16	OR	1661709C1	2	65C	16	OR	1661709C1	3	-	-	-	-	4	65L	16	OR	1661709C1	5	13Z	12	PK	1661709C1															
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CONNECTOR - 0593385C1 CONNECTOR BODY LOCK - 0593387C1																																																			
WORK / BACKUP LIGHT (200)		 <table border="1"> <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>71-C</td><td>14</td><td>OR</td><td>1661709C1</td></tr> <tr> <td>2</td><td>71-GA</td><td>14</td><td>WH</td><td>1661710C1</td></tr> <tr> <td></td><td>71-GB</td><td>14</td><td>WH</td><td></td></tr> <tr> <td>3</td><td>71B</td><td>14</td><td>OR</td><td>1661710C1</td></tr> <tr> <td></td><td>71H</td><td>14</td><td>OR</td><td></td></tr> <tr> <td>4</td><td>71G</td><td>14</td><td>OR</td><td>1661709C1</td></tr> <tr> <td>5</td><td>71F</td><td>14</td><td>OR</td><td>1661710C1</td></tr> <tr> <td></td><td>71G</td><td>14</td><td>OR</td><td>1661710C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	71-C	14	OR	1661709C1	2	71-GA	14	WH	1661710C1		71-GB	14	WH		3	71B	14	OR	1661710C1		71H	14	OR		4	71G	14	OR	1661709C1	5	71F	14	OR	1661710C1		71G	14	OR	1661710C1
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	71G	14	OR	1661710C1																																															
CONNECTOR - 0593385C1 CONNECTOR BODY LOCK - 0593387C1																																																			
EATON ULTRASHIFT / DM2 (200M)		 <table border="1"> <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>13U</td><td>14</td><td>PK</td><td>1661710C1</td></tr> <tr> <td></td><td>13UA</td><td>14</td><td>PK</td><td></td></tr> <tr> <td>2</td><td>92RC</td><td>14</td><td>TN</td><td>1661709C1</td></tr> <tr> <td>3</td><td>13UB</td><td>14</td><td>PK</td><td>1661709C1</td></tr> <tr> <td>4</td><td>92RT</td><td>14</td><td>TN</td><td>1661709C1</td></tr> <tr> <td>5</td><td>13DMI</td><td>14</td><td>PK</td><td>1661709C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	13U	14	PK	1661710C1		13UA	14	PK		2	92RC	14	TN	1661709C1	3	13UB	14	PK	1661709C1	4	92RT	14	TN	1661709C1	5	13DMI	14	PK	1661709C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																															
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CONNECTOR - 0593385C1 CONNECTOR BODY LOCK - 0593387C1																																																			
RUN RELAY W/ 3406E, C10 & C12 (201)		 <table border="1"> <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>17A</td><td>14</td><td>PK</td><td>1661709C1</td></tr> <tr> <td>2</td><td>17U</td><td>16</td><td>PK</td><td>1661709C1</td></tr> <tr> <td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>4</td><td>17X</td><td>12</td><td>PK</td><td></td></tr> <tr> <td>5</td><td>17-GA</td><td>16</td><td>WH</td><td>1661709C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	17A	14	PK	1661709C1	2	17U	16	PK	1661709C1	3	-	-	-	-	4	17X	12	PK		5	17-GA	16	WH	1661709C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																															
1	17A	14	PK	1661709C1																																															
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																													
CNA	14 JUN 06	REVISED & REDRAWN	A	59888E	U00EDL2	5000/9200/9400/9900 CIRCUIT DIAGRAMS																																													
					RELEASE NO.	DATE																																													
					P50317A	12FEB99																																													
					PART NO.	AE08-52513 SHEET 34																																													

Figure 232 Connector Composites (196), (199), (200), (200M), (201)

13.35. CONNECTOR COMPOSITES (201M), (209), (211M), (214), (216), (217), (218), P. 35

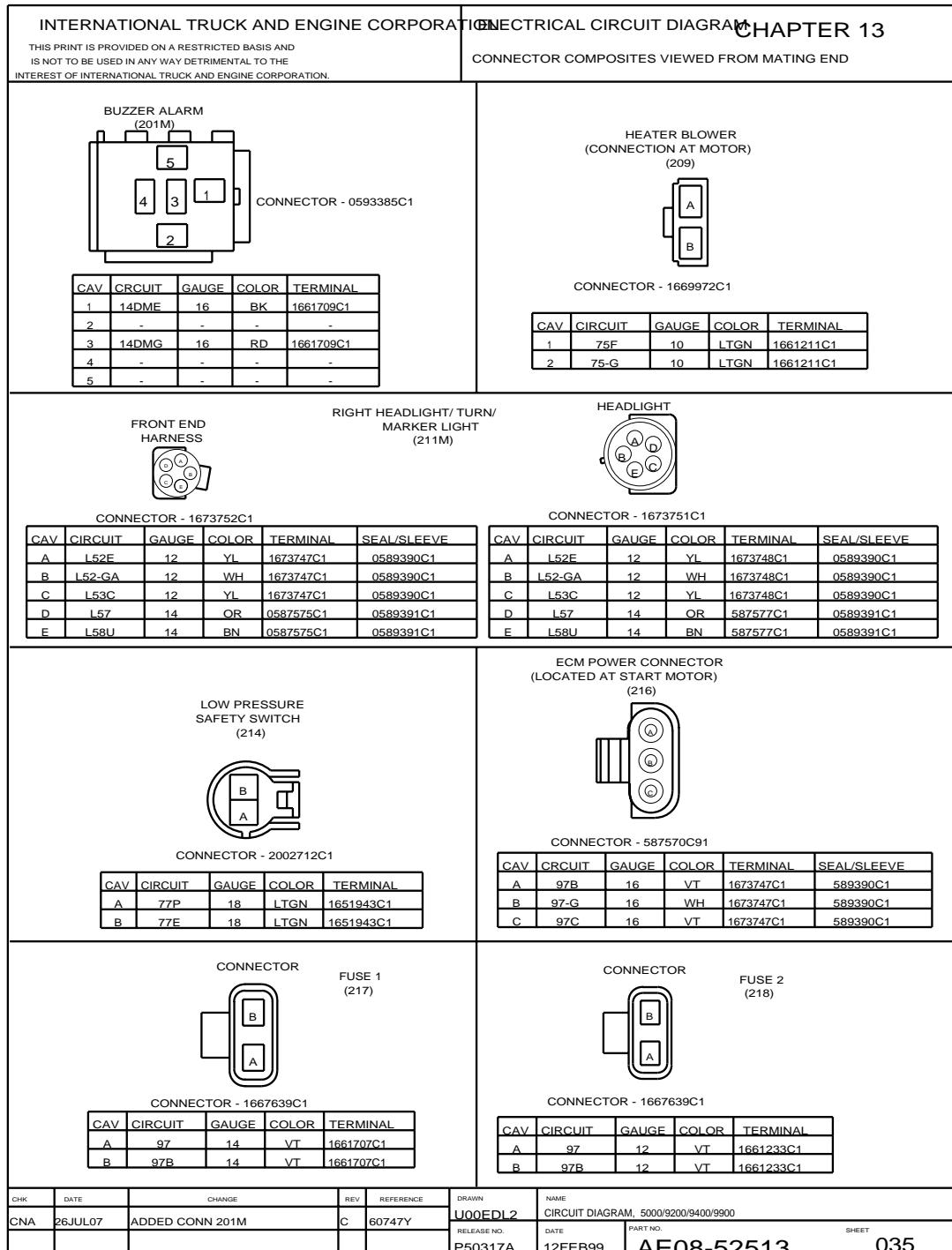


Figure 233 Connector Composites (201M), (209), (211M), (214), (216), (217), (218)

13.36. CONNECTOR COMPOSITES (220), (221), (227), (228), P. 36

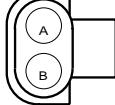
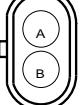
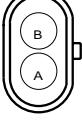
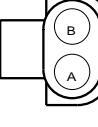
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																													
READING LIGHT GROUND SWITCH (220)					HIGH PRESSURE SAFETY SWITCH (221)																																																																													
																																																																																		
CONNECTOR - 1661259C1					CONNECTOR - 2002712C1																																																																													
<table border="1"> <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>68-GX</td><td>18</td><td>WH</td><td>1661261C1</td></tr> <tr> <td>B</td><td>63-GU</td><td>18</td><td>WH</td><td>1661261C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	68-GX	18	WH	1661261C1	B	63-GU	18	WH	1661261C1	<table border="1"> <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>77N</td><td>18</td><td>LTGN</td><td>1651943C1</td></tr> <tr> <td>B</td><td>77J</td><td>18</td><td>LTGN</td><td>1651943C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	77N	18	LTGN	1651943C1	B	77J	18	LTGN	1651943C1																																										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																														
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B	77J	18	LTGN	1651943C1																																																																														
ENGINE HARNESS					FAN SOLENOID (LOCATED ON ENGINE) (227)																																																																													
																																																																																		
CONNECTOR - 587568C91					CONNECTOR - 587567C91																																																																													
<table border="1"> <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>23B #</td><td>16</td><td>TN</td><td>0587575C1</td><td>1652325C1</td></tr> <tr> <td>A</td><td>23 # #</td><td>16</td><td>TN</td><td>0587575C1</td><td>1652325C1</td></tr> <tr> <td>A</td><td>23A</td><td>16</td><td>TN</td><td>0587575C1</td><td>1652325C1</td></tr> <tr> <td>A</td><td>23B</td><td>16</td><td>TN</td><td>0587575C1</td><td>1652325C1</td></tr> <tr> <td>A</td><td>K23D&</td><td>18</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr> <tr> <td>A</td><td>K23D%</td><td>16</td><td>TN</td><td>0587575C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>23-GA</td><td>16</td><td>WH</td><td>0587575C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>23D # #</td><td>16</td><td>TN</td><td>0587575C1</td><td>1652325C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	23B #	16	TN	0587575C1	1652325C1	A	23 # #	16	TN	0587575C1	1652325C1	A	23A	16	TN	0587575C1	1652325C1	A	23B	16	TN	0587575C1	1652325C1	A	K23D&	18	TN	0587576C1	1652325C1	A	K23D%	16	TN	0587575C1	1652325C1	B	23-GA	16	WH	0587575C1	1652325C1	B	23D # #	16	TN	0587575C1	1652325C1	<table border="1"> <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>RED</td><td>16</td><td>RD</td><td>0587577C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>BLACK</td><td>16</td><td>BK</td><td></td><td></td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	RED	16	RD	0587577C1	1652325C1	B	BLACK	16	BK		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																													
A	23B #	16	TN	0587575C1	1652325C1																																																																													
A	23 # #	16	TN	0587575C1	1652325C1																																																																													
A	23A	16	TN	0587575C1	1652325C1																																																																													
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B	23-GA	16	WH	0587575C1	1652325C1																																																																													
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# W/ CUMMINS 14 @ W/ CAT C10, C12 & 3406E # W/ DETROIT SERIES & W/ CAT 2007 C13 % W/ CAT 2007 C15																																																																																		
FREON PRESSURE SWITCH (LOCATED ON ENGINE) (228)					PRESSURE SWITCH PIGTAIL																																																																													
																																																																																		
CONNECTOR - 587567C91					W/ AIR COND CONNECTOR - 587568C91																																																																													
W/O AIR COND ASSEMBLY - 1684603C91					JUMPER ASSEMBLY																																																																													
<table border="1"> <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>K23C</td><td>16</td><td>TN</td><td>0587577C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>K23-GB</td><td>16</td><td>TN</td><td>0587577C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>K23-G *</td><td>16</td><td>TN</td><td>0587577C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>K23-GB%</td><td>18</td><td>TN</td><td>0587578C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>K23-GB&</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K23C	16	TN	0587577C1	1652325C1	B	K23-GB	16	TN	0587577C1	1652325C1	B	K23-G *	16	TN	0587577C1	1652325C1	B	K23-GB%	18	TN	0587578C1	1652325C1	B	K23-GB&	16	WH	0587577C1	1652325C1	<table border="1"> <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>K23C</td><td>16</td><td>TN</td><td>0587575C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>K23-GB</td><td>16</td><td>TN</td><td>0587575C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>K23-G *</td><td>16</td><td>TN</td><td>0587575C1</td><td>1652325C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K23C	16	TN	0587575C1	1652325C1	B	K23-GB	16	TN	0587575C1	1652325C1	B	K23-G *	16	TN	0587575C1	1652325C1												
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																												
CNA1	28FEB08	REVISED AND REDRAWN	C	61049Z	U00EDL2	CIRCUIT DIAGRAM, 5000/9200/9400/9900																																																																												
					RELEASE NO.	DATE	PART NO.	SHEET																																																																										
					P50317A	12FEB99	AE08052513	036																																																																										

Figure 234 Connector Composites (220), (221), (227), (228)

13.37. CONNECTOR COMPOSITES (229), (230), (231), (236), (236F), P. 37

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END				
ENGINE HARNESS					ENGINE OIL TEMP SENDER LINE (LEFT SIDE OF ENGINE) (229)				
CONNECTOR - 587567C91					SENDER JUMPER				
					CONNECTOR - 587568C91				
* W/ CUMMINS HD & ISM									
W/ ALL OTHER TRANSMISSION'S					BACK - UP LIGHT SWITCH (230)				
					LOCATED ON TOP OF TRANSMISSION				
CONNECTOR (CB SLEEVE)- AM-89000 #7									
W/ FULLER C2000 TRANSMISSION					CONNECTOR - 1661778C1 CONNECTOR BODY LOCK - 1661874C1				
CAV CIRCUIT GAUGE COLOR TERMINAL SEAL/SLEEVE					CAV CIRCUIT GAUGE COLOR TERMINAL SEAL/SLEEVE				
A 30A *	18	TN	587577C1	1652325C1	A 30A *	18	TN	587575C1	1652325C1
A 30	18	TN	587577C1	1652325C1	A 30	18	TN	587575C1	1652325C1
B 30-GA	18	TN	587577C1	1652325C1	B 30-GA	18	TN	587575C1	1652325C1
B 30-G	18	TN	587577C1	1652325C1	B 30-G	18	TN	587575C1	1652325C1
CAV CIRCUIT GAUGE COLOR TERMINAL SEAL/SLEEVE					CAV CIRCUIT GAUGE COLOR TERMINAL SEAL/SLEEVE				
A BLACK	16	BK	1661875C1	1661872C1	A BLACK	16	BK	1661875C1	1661872C1
B WHITE	16	WH	1661875C1	1661872C1	B WHITE	16	WH	1661875C1	1661872C1
C -	-	-	-	-	C -	-	-	-	-
CAV CIRCUIT GAUGE COLOR TERMINAL SEAL/SLEEVE					CAV CIRCUIT GAUGE COLOR TERMINAL SEAL/SLEEVE				
A BLACK	16	BK	1661875C1	1661872C1	A BLACK	16	BK	1661875C1	1661872C1
B WHITE	16	WH	1661875C1	1661872C1	B WHITE	16	WH	1661875C1	1661872C1
CAV CIRCUIT GAUGE COLOR TERMINAL					CAV CIRCUIT GAUGE COLOR TERMINAL				
A 29-G	18	TN	1651943C1		A K31	16	TN	2036586C1	
B 29	18	TN	1651943C1		B K31-G	16	TN	2036586C1	
CAV CIRCUIT GAUGE COLOR TERMINAL					A K31-G#	16	WH	2036586C1	
# W/ CAT 2007									
TRANSMISSION OIL TEMPERATURE SENSOR (ALLISON TRANSMISSION) (236F)					TRANSMISSION OIL TEMPERATURE SENDER (ON TRANSMISSION) (236)				
CONNECTOR - 2036584C1					CONNECTOR - 2036584C1				
CAV CIRCUIT GAUGE COLOR TERMINAL					CAV CIRCUIT GAUGE COLOR TERMINAL				
A K31B	16	TN	2036586C1		A K31B	16	TN	2036586C1	
B K31-G	16	WH	2036586C1		B K31-G	16	WH	2036586C1	
CAV CIRCUIT GAUGE COLOR TERMINAL									
A K31-G#	16	WH	2036586C1						
# W/ CAT 2007									
TRANSMISSION OIL TEMPERATURE SENSOR (ALLISON TRANSMISSION) (236F)					CONNECTOR - 2036584C1				
CONNECTOR - 2036584C1					W/ CAT 2007				
CAV DATE CHANGE REV REFERENCE DRAWN NAME CNA1 28FEB08 REVISED AND REDRAWN B 61049Z U00EDL2 CIRCUIT DIAGRAM, 5000/9200/9400/9900					RELEASE NO. DATE PART NO. SHEET				
P50317A 12FEB99 AE08052513 037									

Figure 235 Connector Composites (229), (230), (231), (236), (236F)

13.38. CONNECTOR COMPOSITES (241M), (243), (244), (249), (250), (251), P. 38

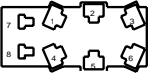
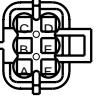
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CONNECTOR - 2009385C1					CONNECTOR - 2009385C1																																																																																																																		
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Figure 236 Connector Composites (241M), (243), (244), (249), (250), (251)

13.39. CONNECTOR COMPOSITES (252), (260) (267), P. 39

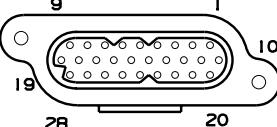
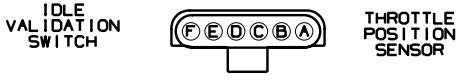
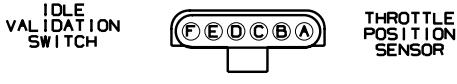
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Figure 237 Connector Composites (252), (260) (267)

13.40. CONNECTOR COMPOSITES (268), (273), (275), (278), (289), P. 40

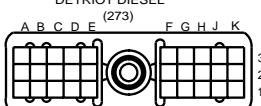
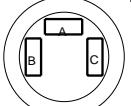
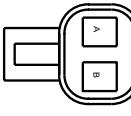
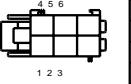
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Figure 238 Connector Composites (268), (273), (275), (278), (289)

13.41. CONNECTOR COMPOSITES (290), (291), (292), (293), (294), (296), P. 41

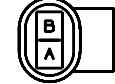
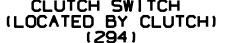
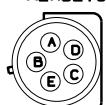
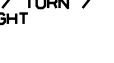
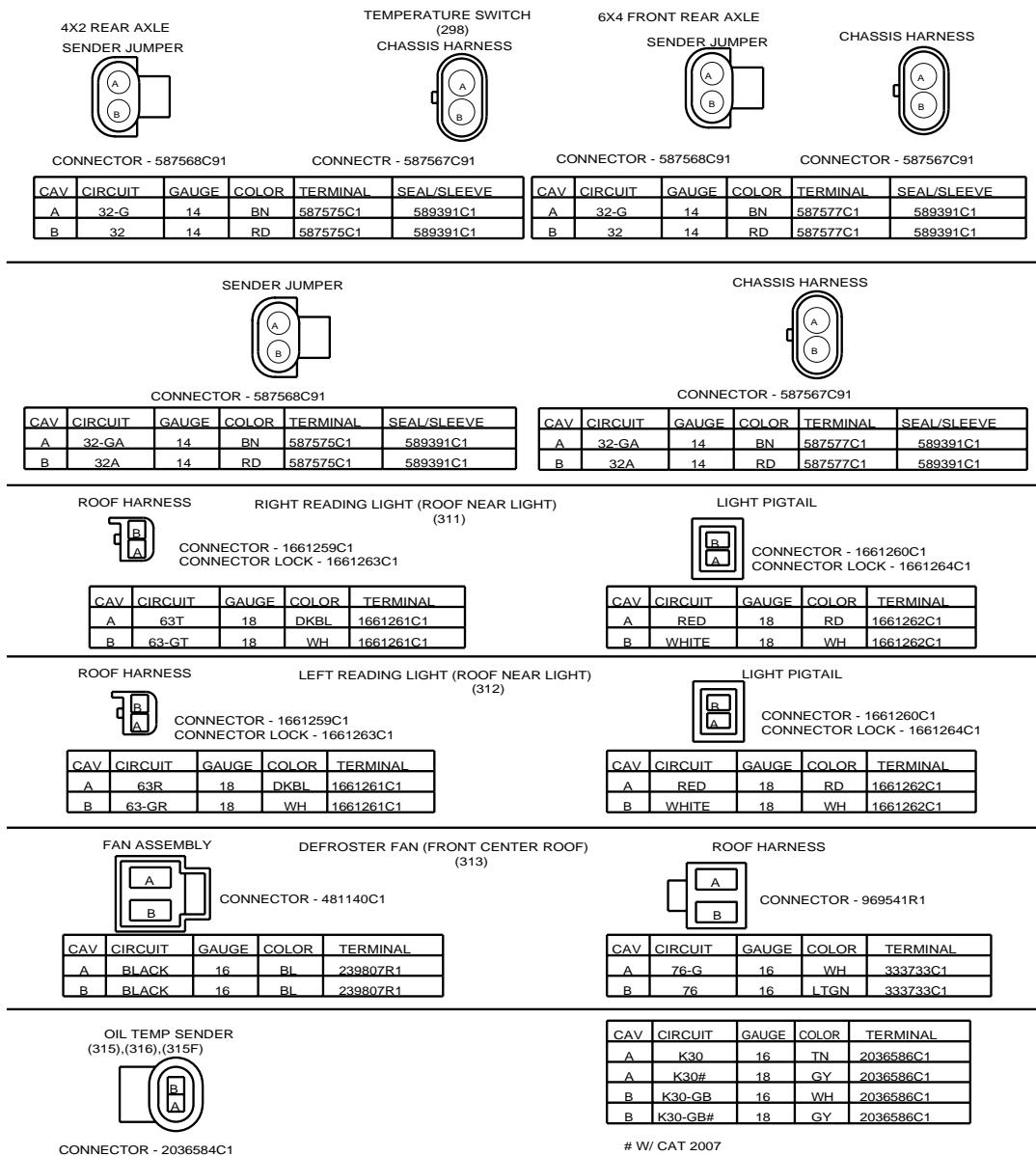
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																													
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Figure 239 Connector Composites (290), (291), (292), (293), (294), (296)

**13.42. CONNECTOR COMPOSITES (298), (299), (311), (312), (313), (315), (315F), (316),
P. 42**

CHAPTER 13

CONNECTOR COMPOSITES VIEWED FROM MATING END



CNA1 28FEB08 ADDED CONN 315F FOR B 61049Z UOOEDL2 CIRCUIT DIAGRAM, 5000/9200/9400/9900
CAT 2007 P50317A 12FEB99

P50317A 12FEB99 AE08052513 042

Figure 240 Connector Composites (298), (299), (311), (312), (313), (315), (315F), (316)

13.43. CONNECTOR COMPOSITES (320), (321), (322), (323), P. 43

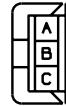
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Figure 241 Connector Composites (320), (321), (322), (323)

13.44. CONNECTOR COMPOSITES (325), (345), (350), (351), (352), (353), P. 44

INTERNATIONAL TRUCK AND ENGINE CORPORATION						ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																																																																																																																																							
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Figure 242 Connector Composites (325), (345), (350), (351), (352), (353)

13.45. CONNECTOR COMPOSITES (354), (355), (360), (363), P. 45

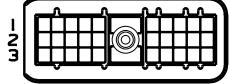
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																																																																																																																																														
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ABS / ATC ECU (INSIDE RT FRAME RAIL) (INSIDE CAB AFTER 9/00) FRONT ABS / ATC CHASSIS HARNESS (355)		 <table border="1"> <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>A1</td><td>94GL1+</td><td>18</td><td>WH</td><td>3565443C1</td><td></td></tr> <tr> <td>A2</td><td>94GL2+</td><td>16</td><td>WH</td><td>3565443C1</td><td></td></tr> <tr> <td>A3</td><td>94GL3+</td><td>16</td><td>WH</td><td>3565443C1</td><td></td></tr> <tr> <td>B1</td><td>94KA</td><td>16</td><td>GY</td><td>3565443C1</td><td></td></tr> <tr> <td>B2</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td><td></td></tr> <tr> <td>B3</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td><td></td></tr> <tr> <td>C1</td><td>94BH</td><td>18</td><td>LTGN</td><td>3565443C1</td><td></td></tr> <tr> <td>C2</td><td>94BD</td><td>18</td><td>GY</td><td>3565443C1</td><td></td></tr> <tr> <td>C3</td><td>YL11+1</td><td>18</td><td>YL</td><td>3565443C1</td><td></td></tr> <tr> <td>D1</td><td>94BJ</td><td>18</td><td>LTBL</td><td>3565443C1</td><td></td></tr> <tr> <td>D2</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td><td></td></tr> <tr> <td>D3</td><td>GN11-1</td><td>18</td><td>GN</td><td>3565443C1</td><td></td></tr> <tr> <td>E1</td><td>94CB</td><td>18</td><td>VT</td><td>3565443C1</td><td></td></tr> <tr> <td>E2</td><td>94T</td><td>18</td><td>GY</td><td>3565443C1</td><td></td></tr> <tr> <td>E3</td><td>94H</td><td>16</td><td>GY</td><td>3565443C1</td><td></td></tr> <tr> <td>F1</td><td>94BK</td><td>18</td><td>BK</td><td>3565443C1</td><td></td></tr> <tr> <td>F2</td><td>94BE</td><td>18</td><td>GY</td><td>3565443C1</td><td></td></tr> <tr> <td>F3</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td><td></td></tr> <tr> <td>G1</td><td>94BM</td><td>18</td><td>BN</td><td>3565443C1</td><td></td></tr> <tr> <td>G2</td><td>98J1+1</td><td>16</td><td>BK</td><td>3565443C1</td><td></td></tr> <tr> <td>G3</td><td>98K1-1</td><td>16</td><td>BK</td><td>3565443C1</td><td></td></tr> <tr> <td>H1</td><td>94BL</td><td>18</td><td>RD</td><td>3565443C1</td><td></td></tr> <tr> <td>H2</td><td>94BF</td><td>18</td><td>DKBL</td><td>3565443C1</td><td></td></tr> <tr> <td>H3</td><td>94BB</td><td>18</td><td>VL</td><td>3565443C1</td><td></td></tr> <tr> <td>J1</td><td>94BC</td><td>18</td><td>GY</td><td>3565443C1</td><td></td></tr> <tr> <td>J2</td><td>94BF</td><td>18</td><td>BK</td><td>3565443C1</td><td></td></tr> <tr> <td>J3</td><td>PLUG</td><td>-</td><td>-</td><td>3554386C1</td><td></td></tr> <tr> <td>K1</td><td>94VT</td><td>16</td><td>GY</td><td>3565443C1</td><td></td></tr> <tr> <td>K2</td><td>94KB</td><td>16</td><td>GY</td><td>3565443C1</td><td></td></tr> <tr> <td>K3</td><td>94KC</td><td>16</td><td>GY</td><td>3565443C1</td><td></td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A1	94GL1+	18	WH	3565443C1		A2	94GL2+	16	WH	3565443C1		A3	94GL3+	16	WH	3565443C1		B1	94KA	16	GY	3565443C1		B2	PLUG	-	-	3554386C1		B3	PLUG	-	-	3554386C1		C1	94BH	18	LTGN	3565443C1		C2	94BD	18	GY	3565443C1		C3	YL11+1	18	YL	3565443C1		D1	94BJ	18	LTBL	3565443C1		D2	PLUG	-	-	3554386C1		D3	GN11-1	18	GN	3565443C1		E1	94CB	18	VT	3565443C1		E2	94T	18	GY	3565443C1		E3	94H	16	GY	3565443C1		F1	94BK	18	BK	3565443C1		F2	94BE	18	GY	3565443C1		F3	PLUG	-	-	3554386C1		G1	94BM	18	BN	3565443C1		G2	98J1+1	16	BK	3565443C1		G3	98K1-1	16	BK	3565443C1		H1	94BL	18	RD	3565443C1		H2	94BF	18	DKBL	3565443C1		H3	94BB	18	VL	3565443C1		J1	94BC	18	GY	3565443C1		J2	94BF	18	BK	3565443C1		J3	PLUG	-	-	3554386C1		K1	94VT	16	GY	3565443C1		K2	94KB	16	GY	3565443C1		K3	94KC	16	GY	3565443C1	
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Figure 243 Connector Composites (354), (355), (360), (363)

13.46. CONNECTOR COMPOSITES (379), (393F), (396), P. 46

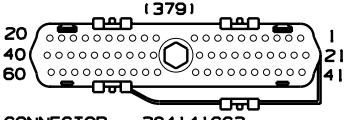
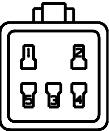
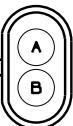
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																																																																																																															
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Figure 244 Connector Composites (379), (393F), (396)

13.47. CONNECTOR COMPOSITES (400), (402), P. 47

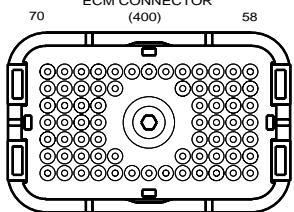
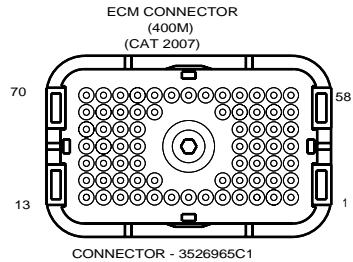
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																																																																																																																																								
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52	14C1	14	RD	3526966C1																																																																																																																																																																																									
53	14D	14	RD	3526966C1																																																																																																																																																																																									
54	34	16	TN	3526966C1																																																																																																																																																																																									
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58	PLUG	-	-	2023143C1																																																																																																																																																																																									
59	97AE	16	VT	3526966C1																																																																																																																																																																																									
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62	PLUG	-	-	2023143C1																																																																																																																																																																																									
63	97-GK	14	WH	3526966C1																																																																																																																																																																																									
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65	97-GB	14	WH	3526966C1																																																																																																																																																																																									
66	99	16	VT	3526966C1																																																																																																																																																																																									
67	97-GJ	14	WH	3526966C1																																																																																																																																																																																									
68	PLUG	-	-	2023143C1																																																																																																																																																																																									
69	PLUG	-	-	2023143C1																																																																																																																																																																																									
70	13D	16	PK	3526966C1																																																																																																																																																																																									
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<table border="1"> <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>34</td><td>16</td><td>TN</td><td>0587575C1</td></tr> <tr><td>B</td><td>34-G</td><td>16</td><td>WH</td><td>0587575C1</td></tr> <tr><td>C</td><td>34B</td><td>16</td><td>TN</td><td>0587575C1</td></tr> <tr><td>D</td><td>34A</td><td>16</td><td>TN</td><td>0587575C1</td></tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	34	16	TN	0587575C1	B	34-G	16	WH	0587575C1	C	34B	16	TN	0587575C1	D	34A	16	TN	0587575C1																																																																																																																																																											
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CONNECTOR - 1661497C91																																																																																																																																																																																													
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																																																																																																							
KDD2	06NOV07	REVISED CONN 400 CKTS.	E	61112L	U00EDL2	CIRCUIT DIAGRAM, 5000/9200/9400/9900																																																																																																																																																																																							
					RELEASE NO.	DATE	PART NO.	SHEET																																																																																																																																																																																					
					P50317A	12FEB99	AE08052513	047																																																																																																																																																																																					

Figure 245 Connector Composites (400), (402)

13.48. CONNECTOR COMPOSITES (400M), (402), P. 47A

CHAPTER 13

CONNECTOR COMPOSITES VIEWED FROM MATING END



CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	2023143C1
2	K34B	16	TN	3526966C1
3	PLUG	-	-	2023143C1
4	K98(BV)	16	VT	3526966C1
5	K97-GA*	18	WH	3526966C1
5	K97-GAB#	18	WH	3526966C1
6	K19M	16	GY	3526966C1
7	K23B	18	TN	3526966C1
8	K98(+)	16	BK	3526966C1
9	K98B(-)	16	BK	3526966C1
10	K21B	16	TN	3526966C1
11	PLUG	-	-	2023143C1
12	PLUG	-	-	2023143C1
13	PLUG	-	-	2023143C1
14	PLUG	-	-	2023143C1
15	PLUG	-	-	2023143C1
16	PLUG	-	-	2023143C1
17	PLUG	-	-	2023143C1
18	PLUG	-	-	2023143C1
19	PLUG	-	-	2023143C1
20	PLUG	-	-	2023143C1
21	K23D*	16	TN	3526966C1
21	K23D#	18	TN	3526966C1
22	K97AH*	16	VT	3526966C1
22	K97AN*	16	VT	3526966C1
22	K97AH#	18	VT	3526966C1
22	K97AN#	18	VT	3526966C1
23	K24AF	18	GY	3526966C1
24	PLUG	-	-	2023143C1
25	PLUG	-	-	2023143C1
26	PLUG	-	-	2023143C1
27	PLUG	-	-	2023143C1
28	K97AZ	16	VT	3526966C1
29	K97AT	16	VT	3526966C1
30	PLUG	-	-	2023143C1
31	PLUG	-	-	2023143C1
32	K97AJ	16	VT	3526966C1
32	#K97AJ	18	VT	3526966C1
33	#K97AK	18	VT	3526966C1
34	K98GN2	20	GN	3547816C1
35	K97AB1@	16	VT	3526966C1
35	K97AB&	18	VT	3526966C1
35	K97CB%	18	VT	3526966C1
36	PLUG	-	-	2023143C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
37	PLUG	-	-	2023143C1
38	PLUG	-	-	2023143C1
39	PLUG	-	-	2023143C1
40	K24AE	18	GY	3526966C1
41	K23C**	16	TN	3526966C1
41	K23AC##	16	TN	3526966C1
42	PLUG	-	-	2023143C1
43	PLUG	-	-	2023143C1
	K97AA&	18	VT	3526966C1
	K97CA%	18	VT	3526966C1
44	K97AA1@	16	VT	3526966C1
	K97AA1@	18	VT	3526966C1
45	K97AL	16	VT	3526966C1
46	PLUG	-	-	2023143C1
47	PLUG	-	-	2023143C1
48	K14D1	14	RD	3526966C1
49	K34A	16	TN	3526966C1
50	K98YL2	20	YL	3547816C1
51	PLUG	-	-	2023143C1
52	K14D2	14	RD	3526966C1
53	K14D3	14	RD	3526966C1
54	K34	16	TN	3526966C1
55	K14D4	14	RD	3526966C1
56	PLUG	-	-	2023143C1
57	PLUG	-	-	2023143C1
58	PLUG	-	-	2023143C1
59	K97AE	18	VT	3526966C1
60	PLUG	-	-	2023143C1
61	PLUG	-	-	2023143C1
62	PLUG	-	-	2023143C1
63	K97-GK	14	WH	3526966C1
64	PLUG	-	-	2023143C1
65	K97-GB	14	WH	3526966C1
66	K99	16	VT	3526966C1
67	K97-GJ	14	WH	3526966C1
68	PLUG	-	-	2023143C1
69	K97-GL	14	WH	3526966C1
70	K13D	16	PK	3526966C1

* W/ CAT 2007 C13
W/ CAT 2007 C15
@ W/ ROCKWELL SHIFT & CRUISE
& W/ CRUISE CONTROL, N/ REMOTE CRUISE
% W/ REMOTE CRUISE
** W/ FAN OVERRIDE
W/ FAN OVERRIDE & APADS

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K34	16	TN	1661875C1	1661872C1
B	K34-G*	16	WH	1661875C1	1661872C1
B	K34-G#	18	WH	1661875C1	1661872C1
C	K34B	16	TN	1661875C1	1661872C1
D	K34A	16	TN	1661875C1	1661872C1

* W/ CAT 2007 C13
W/ CAT 2007 C15

Figure 246 Connector Composites (400M), (402)

13.49. CONNECTOR COMPOSITES (404), (406), (409), (417), (425M), P. 48

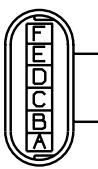
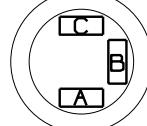
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																											
		<p>THROTTLE POSITION SENSOR W/ C10, C12 & 3406E (BEHIND LT INST PANEL) (404)</p>  <p>CAB OVERLAY HARNESS</p> <table border="1"> <tr> <td>CAV</td><td>CIRCUIT</td><td>GAUGE</td><td>COLOR</td><td>TERMINAL</td></tr> <tr> <td>A</td><td>99A (BV1)</td><td>18</td><td>VT</td><td>1680205C1</td></tr> <tr> <td>B</td><td>99-GA</td><td>18</td><td>VT</td><td>1680205C1</td></tr> <tr> <td>C</td><td>99</td><td>18</td><td>VT</td><td>1680205C1</td></tr> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	99A (BV1)	18	VT	1680205C1	B	99-GA	18	VT	1680205C1	C	99	18	VT	1680205C1																																			
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<p>ECM COMMUNICATIONS (406) W/ DETROIT SERIES 60 OR 80</p>  <p>CONNECTOR - 1687790C1</p> <table border="1"> <tr> <td>CAV</td><td>CIRCUIT</td><td>GAUGE</td><td>COLOR</td><td>TERMINAL</td></tr> <tr> <td>A</td><td>PLUG</td><td>-</td><td>-</td><td>1687788C1</td></tr> <tr> <td>B</td><td>PLUG</td><td>-</td><td>-</td><td>1687788C1</td></tr> <tr> <td>C</td><td>PLUG</td><td>-</td><td>-</td><td>1687788C1</td></tr> <tr> <td>D</td><td>98SHD2</td><td>20</td><td>-</td><td>1651943C1</td></tr> <tr> <td>E</td><td>98GN21-1</td><td>20</td><td>GN</td><td>1651943C1</td></tr> <tr> <td>F</td><td>98YL21+1</td><td>20</td><td>YL</td><td>1651943C1</td></tr> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	PLUG	-	-	1687788C1	B	PLUG	-	-	1687788C1	C	PLUG	-	-	1687788C1	D	98SHD2	20	-	1651943C1	E	98GN21-1	20	GN	1651943C1	F	98YL21+1	20	YL	1651943C1	<p>VEHICLE SPEED SENSOR (ON TRANSMISSION) (409) ENGINE HARNESS</p>  <p>CONNECTOR - 1684261C1 CONNECTOR LOCK - 1684263C1</p> <table border="1"> <tr> <td>CAV</td><td>CIRCUIT</td><td>GAUGE</td><td>COLOR</td><td>TERMINAL</td></tr> <tr> <td>A</td><td>97AJ</td><td>16</td><td>VT</td><td>1680205C1</td></tr> <tr> <td>B</td><td>97AK</td><td>16</td><td>VT</td><td>1680205C1</td></tr> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	97AJ	16	VT	1680205C1	B	97AK	16	VT	1680205C1					
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<p>TWO SPEED AXLE SWITCH (417)</p>  <p>CONNECTOR (CAE SLEEVE) - AM-B9000 #27</p> <table border="1"> <tr> <td>CAV</td><td>CIRCUIT</td><td>GAUGE</td><td>COLOR</td><td>TERMINAL</td></tr> <tr> <td>A</td><td>93</td><td>18</td><td>TN</td><td>592952C1</td></tr> <tr> <td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>C</td><td>93A</td><td>18</td><td>TN</td><td>592952C1</td></tr> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	93	18	TN	592952C1	B	-	-	-	-	C	93A	18	TN	592952C1	<p>PANEL LIGHTS SWITCH (425M)</p>  <p>CONNECTOR - 1661200C1</p> <table border="1"> <tr> <td>CAV</td><td>CIRCUIT</td><td>GAUGE</td><td>COLOR</td><td>TERMINAL</td></tr> <tr> <td>A</td><td>A62</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr> <td>B</td><td>A11-GS</td><td>16</td><td>WH</td><td>1661209C1</td></tr> <tr> <td>C</td><td>A62A</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr> <td>D</td><td>A62W</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr> <td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>F</td><td>A62-GW</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A62	16	DKBL	1661209C1	B	A11-GS	16	WH	1661209C1	C	A62A	16	DKBL	1661209C1	D	A62W	16	DKBL	1661209C1	E	-	-	-	-	F	A62-GW	18	WH	1661208C1
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					P50317A	12FEB99																																																							
					PART NO.	SHEET																																																							
					AE08-52513	48																																																							

Figure 247 Connector Composites (404), (406), (409), (417), (425M)

13.50. CONNECTOR COMPOSITES (426M), (427), (428F), P. 49

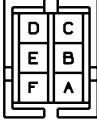
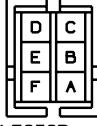
INTERNATIONAL TRUCK AND ENGINE CORPORATION						ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																																																						
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RADIO CONNECTOR #1 (426M)						RADIO PIGTAIL																																																																																						
CAB HARNESS						CONNECTOR - 1661200CI																																																																																						
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Figure 248 Connector Composites (426M), (427), (428F)

13.51. CONNECTOR COMPOSITES (429F), (430), (433M), P. 50

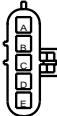
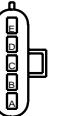
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																						
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Figure 249 Connector Composites (429F), (430), (433M)

13.52. CONNECTOR COMPOSITES (434M), P. 51

INTERNATIONAL TRUCK AND ENGINE CORPORATION		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																															
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Figure 250 Connector Composites (434M)

13.53. CONNECTOR COMPOSITES (435M), P. 52

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																				
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Figure 251 Connector Composites (435M)

13.54. CONNECTOR COMPOSITES (436M), (437), (440), P. 53

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																						
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Figure 252 Connector Composites (436M), (437), (440)

13.55. CONNECTOR COMPOSITES (441), (442), (453M), (454M), P. 54

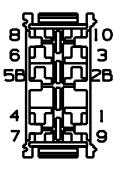
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WORK LIGHT SWITCH (441)		 CONNECTOR - 1661226C1																																																											
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G1 GROUND ADAPTER (453M)		 CONNECTOR - 2007315C1 CONNECTOR BODY LOCK - 2007316C1																																																											
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				P50317A	12FEB99	PART NO. Æ08-52513 SHEET 54																																																							

Figure 253 Connector Composites (441), (442), (453M), (454M)

13.56. CONNECTOR COMPOSITES (455M), (456M), (459), (460F), P. 55

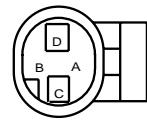
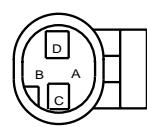
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Figure 254 Connector Composites (455M), (456M), (459), (460F)

13.57. CONNECTOR COMPOSITES (462M), P. 56

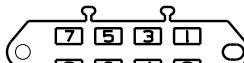
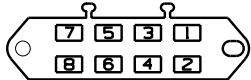
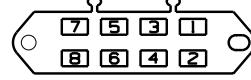
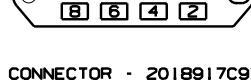
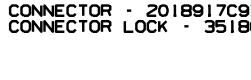
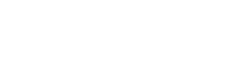
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Figure 255 Connector Composites (462M)

13.58. CONNECTOR COMPOSITES (462M), P. 57

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																					
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13.59. CONNECTOR COMPOSITES (462M), P. 58

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Figure 257 Connector Composites (462M)

13.60. CONNECTOR COMPOSITES (462M), P. 59

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETERIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																													
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Figure 258 Connector Composites (462M)

13.61. CONNECTOR COMPOSITES (462), (463M), P. 60

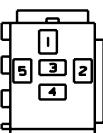
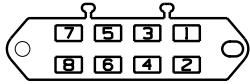
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Figure 259 Connector Composites (462), (463M)

13.62. CONNECTOR COMPOSITES (463M), P. 61

INTERNATIONAL TRUCK AND ENGINE CORPORATION						ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																																																																											
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Figure 260 Connector Composites (463M)

13.63. CONNECTOR COMPOSITES (463M), P. 62

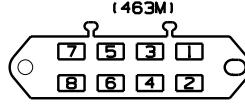
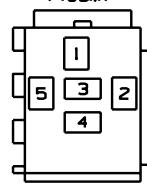
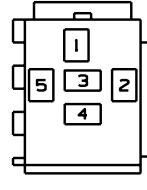
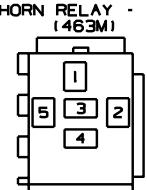
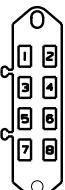
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																										
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Figure 261 Connector Composites (463M)

13.64. CONNECTOR COMPOSITES (463M), (464), P. 63

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																				
TRAILER MARKER RELAY - R8 (463M)		<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></tr> </thead> <tbody> <tr><td>R8-1</td><td>A58D</td><td>12</td><td>BN</td><td>1661710C1</td></tr> <tr><td>R8-2</td><td>A58-GA</td><td>18</td><td>WH</td><td>1661709C1</td></tr> <tr><td>R8-2</td><td>A77-G</td><td>18</td><td>WH</td><td>1661709C1</td></tr> <tr><td>R8-3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>R8-4</td><td>A58R</td><td>18</td><td>BN</td><td>1661710C1</td></tr> <tr><td>R8-5</td><td>A58C</td><td>18</td><td>BN</td><td>1659673C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	R8-1	A58D	12	BN	1661710C1	R8-2	A58-GA	18	WH	1661709C1	R8-2	A77-G	18	WH	1661709C1	R8-3	-	-	-	-	R8-4	A58R	18	BN	1661710C1	R8-5	A58C	18	BN	1659673C1													
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13.65. CONNECTOR COMPOSITES (464), P. 64

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																	
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Figure 263 Connector Composites (464)

13.66. CONNECTOR COMPOSITES (464), P. 65

INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																																																														
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Figure 264 Connector Composites (464)

13.67. CONNECTOR COMPOSITES (464), (464M), P. 66

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END				

13.68. CONNECTOR COMPOSITES (464M), P. 67

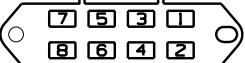
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Figure 266 Connector Composites (464M)

13.69. CONNECTOR COMPOSITES (464M), P. 68

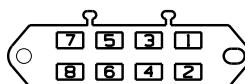
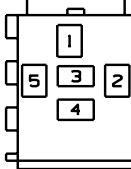
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Figure 267 Connector Composites (464M)

13.70. CONNECTOR COMPOSITES (464M), P. 69

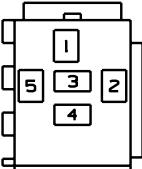
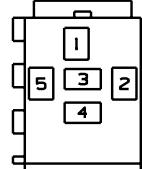
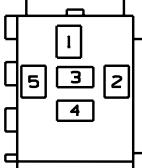
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																												
TRAILER STOP LIGHT RELAY - R10 (464M)		 <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>R10-1</td> <td>A70E</td> <td>10</td> <td>OR</td> <td>1661710C1</td> </tr> <tr> <td>R10-2</td> <td>A58-G</td> <td>18</td> <td>WH</td> <td>1661709C1</td> </tr> <tr> <td>R10-2</td> <td>A70-G</td> <td>18</td> <td>WH</td> <td>1661709C1</td> </tr> <tr> <td>R10-3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>R10-4</td> <td>A70C</td> <td>10</td> <td>OR</td> <td>1661710C1</td> </tr> <tr> <td>R10-5</td> <td>A70D</td> <td>14</td> <td>OR</td> <td>1661709C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	R10-1	A70E	10	OR	1661710C1	R10-2	A58-G	18	WH	1661709C1	R10-2	A70-G	18	WH	1661709C1	R10-3	-	-	-	-	R10-4	A70C	10	OR	1661710C1	R10-5	A70D	14	OR	1661709C1					
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CONNECTOR - 2018917C93 CONNECTOR LOCK - 0593387C1																																														
LEFT TURN RELAY - R11 (464M)		 <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>R11-1</td> <td>A56H</td> <td>12</td> <td>OR</td> <td>1661710C1</td> </tr> <tr> <td>R11-2</td> <td>A56-G</td> <td>18</td> <td>WH</td> <td>1661709C1</td> </tr> <tr> <td>R11-2</td> <td>A70-G</td> <td>18</td> <td>WH</td> <td>1661709C1</td> </tr> <tr> <td>R11-3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>R11-4</td> <td>A56A</td> <td>16</td> <td>OR</td> <td>1661710C1</td> </tr> <tr> <td>R11-4</td> <td>A56C</td> <td>12</td> <td>OR</td> <td>1661710C1</td> </tr> <tr> <td>R11-5</td> <td>A56E</td> <td>14</td> <td>OR</td> <td>1661709C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	R11-1	A56H	12	OR	1661710C1	R11-2	A56-G	18	WH	1661709C1	R11-2	A70-G	18	WH	1661709C1	R11-3	-	-	-	-	R11-4	A56A	16	OR	1661710C1	R11-4	A56C	12	OR	1661710C1	R11-5	A56E	14	OR	1661709C1
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RIGHT TURN RELAY - R12 (464M)		 <table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>R12-1</td> <td>A57H</td> <td>12</td> <td>OR</td> <td>1661710C1</td> </tr> <tr> <td>R12-2</td> <td>A57-G</td> <td>18</td> <td>WH</td> <td>1661709C1</td> </tr> <tr> <td>R12-2</td> <td>A56-G</td> <td>18</td> <td>WH</td> <td>1661709C1</td> </tr> <tr> <td>R12-4</td> <td>A57C</td> <td>12</td> <td>OR</td> <td>1661710C1</td> </tr> <tr> <td>R12-4</td> <td>A57A</td> <td>16</td> <td>OR</td> <td>1661710C1</td> </tr> <tr> <td>R12-5</td> <td>A57E</td> <td>14</td> <td>OR</td> <td>1661709C1</td> </tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	R12-1	A57H	12	OR	1661710C1	R12-2	A57-G	18	WH	1661709C1	R12-2	A56-G	18	WH	1661709C1	R12-4	A57C	12	OR	1661710C1	R12-4	A57A	16	OR	1661710C1	R12-5	A57E	14	OR	1661709C1					
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Figure 268 Connector Composites (464M)

13.71. CONNECTOR COMPOSITES (465M), (466M), (468F), P. 70

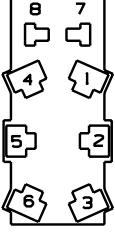
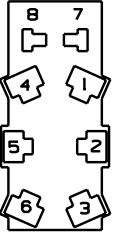
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Figure 269 Connector Composites (465M), (466M), (468F)

13.72. CONNECTOR COMPOSITES (470), (471A), (471M), P. 71

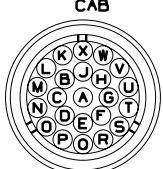
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Figure 270 Connector Composites (470), (471A), (471M)

13.73. CONNECTOR COMPOSITES (471), P. 72

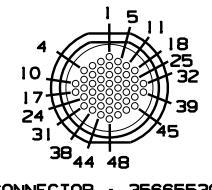
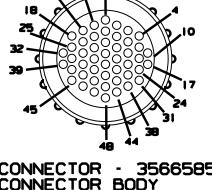
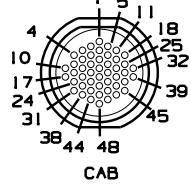
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THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					CONNECTOR COMPOSITES VIEWED FROM MATING END																																														
48 WAY ABS DASH CONNECTOR (BENDIX) (471)  CAB 1 5 11 18 25 32 4 10 17 24 31 38 44 48 CONNECTOR - 3566553C1					CAV CIRCUIT GAUGE COLOR TERMINAL 1 A94BA 18 BK/BL 3566559C1 2 A94BB 18 YL 3566559C1 3 A94BC 18 GY 3566559C1 4 A94BF 18 OR 3566559C1 5 A94CB 18 PL 3566559C1 6 A94BH 18 LT GN 3566559C1 7 A94BJ 18 LT BL 3566559C1 8 A94BK 18 BK/BL 3566559C1 9 A94BL 18 RD 3566559C1 10 A94BM 18 BN 3566559C1 11 AYL2(+1) 18 YL 3566559C1 12 - - - - 13 AGN2(-1) 18 GN 3566559C1 14 A94BN 18 BN 3566559C1 15 A94BP 18 RD 3566559C1 16 A94BR 18 BK/BL 3566559C1 17 A94BS 18 PL 3566559C1 18 A94BT 18 LTBL 3566559C1 19 A94BU 18 LTGN 3566559C1 20 A04BV 18 BN 3566559C1 21 A94BW 18 DKBL 3566559C1 22 A94BX 18 YL 3566559C1 23 A94BY 18 DKBL 3566559C1 24 A94BZ 18 OR 3566559C1																																														
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Figure 271 Connector Composites (471)

13.74. CONNECTOR COMPOSITES (1000), P. 73

INTERNATIONAL TRUCK AND ENGINE CORPORATION		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		CONNECTOR COMPOSITES VIEWED FROM MATING END							
ABS DASH CONNECTOR (BENDIX) (1000)									
 CAB CONNECTOR - 3566553C1 w/ BENDIX ABS									
CAV	CIRCUIT	GUAGE	COLOR	TERMINAL					
1	L94BA	18	DK BL	3566559C1					
2	L94BB	18	YL	3566559C1					
3	L94BC	18	GY	3566559C1					
4	L94BF	18	OR	3566559C1					
5	L94CB	18	PL	3566559C1					
6	L94BH	18	LTGN	3566559C1					
7	L94BJ	18	LTBL	3566559C1					
8	L94BK	18	BK	3566559C1					
9	L94BL	18	RD	3566559C1					
10	L94BM	18	BN	3566559C1					
11	LYL2(+)	18	YL	3566559C1					
13	LGN2(-)	18	GN	3566559C1					
14	L94BN	18	BN	3566559C1					
15	L94BP	18	RD	3566559C1					
16	L94BR	18	BK	3566559C1					
17	L94BS	18	PL	3566559C1					
18	L94BT	18	LTBL	3566559C1					
19	L94BU	18	LTGN	3566559C1					
20	L94BV	18	BN	3566559C1					
21	L94BW	18	DKBL	3566559C1					
22	L94BX	18	YL	3566559C1					
23	L94BY	18	DKBL	3566559C1					
24	L94BZ	18	OR	3566559C1					
25	L94CA	18	GY	3566559C1					
26	-	-	-	-					
27	-	-	-	-					
28	-	-	-	-					
29	-	-	-	-					
30	-	-	-	-					
31	-	-	-	-					
32	-	-	-	-					
33	-	-	-	-					
34	-	-	-	-					
35	L94SJ	18	GY	3566559C1					
36	L94SK	18	GY	3566559C1					
37	L94SM	18	GY	3566559C1					
38	L94SN	18	GY	3566559C1					
39	L94SL	18	GY	3566559C1					
40	L94SE	18	GY	3566559C1					
41	L94SH	18	GY	3566559C1					
42	L94VD	18	GY	3566559C1					
43	L94SD	18	GY	3566559C1					
44	L94SF	18	GY	3566559C1					
45	L94SAB	18	GY	3566559C1					
46	L94SBB	18	GY	3566559C1					
47	L94SCB	18	GY	3566559C1					
48	L94SDB	18	GY	3566559C1					

CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	14 JUN 08	REVISED & REDRAWN	C	59888E	U00EDL2	5000/9200/9400/9900 CIRCUIT DIAGRAMS
					RELEASE NO.	DATE
					P50317A	12FEB99
					PART NO.	ÆE08-52513 SHEET 73

Figure 272 Connector Composites (1000)

13.75. CONNECTOR COMPOSITES (471M), (474), (483), P. 74

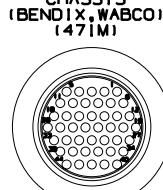
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Figure 273 Connector Composites (471M), (474), (483)

13.76. CONNECTOR COMPOSITES (489), (491), (492), (494M), P. 75

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Figure 274 Connector Composites (489), (491), (492), (494M)

13.77. CONNECTOR COMPOSITES (495M), (497M), (498M), P. 76

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Figure 275 Connector Composites (495M), (497M), (498M)

13.78. CONNECTOR COMPOSITES (499M), (501M), P. 77

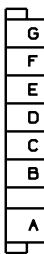
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Figure 276 Connector Composites (499M), (501M)

13.79. CONNECTOR COMPOSITES (502), (503M), P. 78

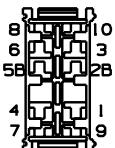
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Figure 277 Connector Composite (502), (503M)

13.80. CONNECTOR COMPOSITES (504M), (506M), P. 79

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Figure 278 Connector Composites (504M), (506M)

13.81. CONNECTOR COMPOSITES (509M), (511M), P. 80

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Figure 279 Connector Composites (509M), (511M)

13.82. CONNECTOR COMPOSITES (512F), (513M), P. 81

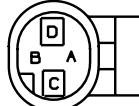
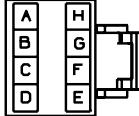
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CONNECTOR - 1661777CI LOCK - 1661873CI																																																			
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CONNECTOR - 2005835CI																																																			
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Figure 280 Connector Composites (512F), (513M)

13.83. CONNECTOR COMPOSITES (514M), (515M), P. 82

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																	
DATA LINK - POSITIVE (514M)		<table border="1"> <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>A98A(+)</td><td>14</td><td>BK</td><td>3566715C1</td></tr> <tr><td>B</td><td>A98I(+)</td><td>16</td><td>BK</td><td>1661209C1</td></tr> <tr><td>C</td><td>A47/48(+)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>D</td><td>A98EA(+)*</td><td>18</td><td>BK</td><td>1661208C1</td></tr> <tr><td>D</td><td>A98J(+)*</td><td>16</td><td>RD</td><td>1661209C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> <ul style="list-style-type: none"> • W/ WABCO ABS / BENDIX ABS • W/ CUMMINS IDLE CONTROL W/ DM2 ULTRA SHIFT XMSN 					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A98A(+)	14	BK	3566715C1	B	A98I(+)	16	BK	1661209C1	C	A47/48(+)	18	GY	1661208C1	D	A98EA(+)*	18	BK	1661208C1	D	A98J(+)*	16	RD	1661209C1	E	-	-	-	-	F	-	-	-	-	G	-	-	-	-
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CONNECTOR - 2006789C1 CONNECTOR - 2006792C1 BODY LOCK		<p>NOTE:</p> <p>I. POSITION OF CIRCUITS SHOWN IN ADAPTER MAY VARY AS PER VEHICLE SPECIFICATION REQUIREMENTS.</p>																																																	
DATA LINK - NEGATIVE (515M)		<table border="1"> <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>A98C(-)</td><td>14</td><td>BK</td><td>3566715C1</td></tr> <tr><td>B</td><td>A98B(-)</td><td>16</td><td>BK</td><td>1661209C1</td></tr> <tr><td>C</td><td>A47/48(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>D</td><td>A98EB(-)*</td><td>18</td><td>BK</td><td>1661208C1</td></tr> <tr><td>D</td><td>A98K(-)*</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> <ul style="list-style-type: none"> • W/ WABCO ABS / BENDIX ABS • W/ CUMMINS IDLE CONTROL W/ DM2 ULTRA SHIFT XMSN 					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A98C(-)	14	BK	3566715C1	B	A98B(-)	16	BK	1661209C1	C	A47/48(-)	18	GY	1661208C1	D	A98EB(-)*	18	BK	1661208C1	D	A98K(-)*	16	DKBL	1661209C1	E	-	-	-	-	F	-	-	-	-	G	-	-	-	-
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Figure 281 Connector Composites (514M), (515M)

13.84. CONNECTOR COMPOSITE (517), P. 83

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																																														
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Figure 282 Connector Composite (517)

13.85. CONNECTOR COMPOSITES (520), (521), (522), (523), P. 84

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Figure 283 Connector Composites (520), (521), (522), (523)

13.86. CONNECTOR COMPOSITES (524), (528), (529), (530), (531), P. 85

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Figure 284 Connector Composites (524), (528), (529), (530), (531)

13.87. CONNECTOR COMPOSITES (550), (560), (562), (574), P. 86

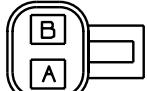
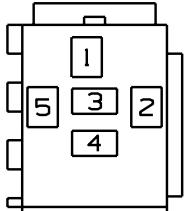
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 CONNECTOR - 1671610C1 LOCK - 1671608C1		<table border="1"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL / SLEEVE</th></tr> </thead> <tbody> <tr> <td>A</td><td>77C</td><td>14</td><td>LTGN</td><td>2033B19C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>77-GC</td><td>14</td><td>WH</td><td>2033B19C1</td><td>1652325C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL / SLEEVE	A	77C	14	LTGN	2033B19C1	1652325C1	B	77-GC	14	WH	2033B19C1	1652325C1																								
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PDL BUZZER (562)		 CONNECTOR - 5933B85C1																																														
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Figure 285 Connector Composites (550), (560), (562), (574)

13.88. CONNECTOR COMPOSITES (575), (576), (577), (578), (579), P. 87

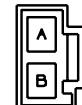
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Figure 286 Connector Composites (575), (576), (577), (578), (579)

13.89. CONNECTOR COMPOSITES (582), (584), (585), (587), P. 88

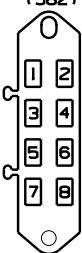
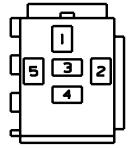
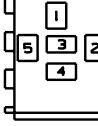
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Figure 287 Connector Composites (582), (584), (585), (587)

13.90. CONNECTOR COMPOSITES (592), (592F), (594), (600), P. 89

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																	
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Figure 288 Connector Composites (592), (592F), (594), (600)

13.91. CONNECTOR COMPOSITES (603), (605), (607), (610), P. 90

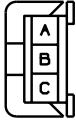
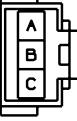
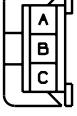
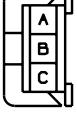
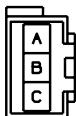
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Figure 289 Connector Composites (603), (605), (607), (610)

13.92. CONNECTOR COMPOSITES (604), (606), (611), (612), (640), P. 91

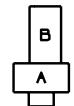
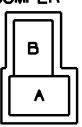
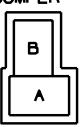
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ROOF HARNESS		AUXILIARY FAN IN-LINE W/ PRO SLEEPER (606)																																			
																																					
CONNECTOR - 969541RI		FAN JUMPER																																			
<table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>76K</td><td>18</td><td>BK</td><td>1333732C1</td></tr><tr><td>B</td><td>76-GK</td><td>18</td><td>WH</td><td>1333732C1</td></tr></tbody></table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	76K	18	BK	1333732C1	B	76-GK	18	WH	1333732C1	<table border="1"><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>76K</td><td>18</td><td>BK</td><td>241117R1</td></tr><tr><td>B</td><td>76-GK</td><td>18</td><td>WH</td><td>241117R1</td></tr></tbody></table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	76K	18	BK	241117R1	B	76-GK	18	WH	241117R1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																	
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B	76-GK	18	WH	1333732C1																																	
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																	
A	76K	18	BK	241117R1																																	
B	76-GK	18	WH	241117R1																																	
AUXILIARY FAN W/ PRO SLEEPER (611)		CONNECTOR - 481140C1																																			
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A	76L	18	BK	879630R1																																	
B	76-GL	18	WH	879630R1																																	
CONNECTOR - 969541RI		CONNECTOR - 872291RI																																			
		REFRIGERATOR IN-LINE W/ PRO SLEEPER (612)																																			
<table border="1"><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>86-GR</td><td>18</td><td>WH</td><td>1879630R1</td></tr><tr><td>B</td><td>86AG</td><td>18</td><td>LTGN</td><td>1879630R1</td></tr></tbody></table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	86-GR	18	WH	1879630R1	B	86AG	18	LTGN	1879630R1																					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																	
A	86-GR	18	WH	1879630R1																																	
B	86AG	18	LTGN	1879630R1																																	
CONNECTOR - 872290R1		JUMPER																																			
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																	
A	WH	18	WH	239807R1																																	
B	BK	18	BK	239807R1																																	
STOP LIGHT SWITCH (640)		CONNECTOR - 872290R1																																			
		<table border="1"><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>70</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>D</td><td>70A</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr></tbody></table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	C	70	16	OR	1661875C1	1661872C1	D	70A	16	OR	1661875C1	1661872C1												
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C	70	16	OR	1661875C1	1661872C1																																
D	70A	16	OR	1661875C1	1661872C1																																
CONNECTOR - 1661777C1 CONNECTOR BODY LOCK - 1661873C1																																					
CHG		DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																														
04/06/08			REVISED & REDRAWN	C	59888E	U00MBC3	5000/9200/9400/9900 CIRCUIT DIAGRAMS																														
						RELEASE NO.	DATE																														
						50337C	20APR04																														
						PART NO.	AE08-52513																														
						SHEET	91																														

Figure 290 Connector Composites (604), (606), (611), (612), (640)

13.93. CONNECTOR COMPOSITES (613), (642), (643), (659), P. 92

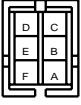
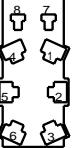
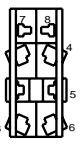
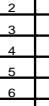
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAMS		CHAPTER 13
CONNECTOR COMPOSITES VIEWED FROM MATING END				
SLEEPER HARNESS		SLEEPER TO ROOF CONNECTION W/ PRO - SLEEPER (643)		ROOF HARNESS
 CONNECTOR - 1661200C1		 CONNECTOR - 1661201C1		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	63-GJ	18	DKBL	1661208C1
B	63-GK	18	DKBL	1661208C1
C	63AP/63AS	16	DKBL	1661209C1
D	63BB	18	DKBL	1661208C1
E	-	-	-	-
F	-	-	-	-
* CIR 63AS IN ROOF CONN ONLY				
REFRIGERATOR SWITCH (613)		SLEEPER HARNESS		
 CONNECTOR - 2009385C1		 CONNECTOR - 1661201C1		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	86-GK	18	LTGN	1661226C1
	62-GX	18	DKBL	
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	86AV	18	LTGN	1661224C1
6	86AG	18	LTGN	1661224C1
7	62X	16	DKBL	1661208C1
8	62-GX	18	WH	1661208C1
ROOF HARNESS				
 CONNECTOR - 1661200C1		SLEEPER TO ROOF CONNECTION W/ PRO - SLEEPER (642)		SLEEPER HARNESS
 CONNECTOR - 1661201C1		 CONNECTOR - 1661201C1		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	76L	16	LTGN	1661209C1
B	76AX	18	LTGN	1661208C1
C	86AW	18	LTGN	1661208C1
D	86AZ	18	LTGN	1661208C1
E	86AY	18	LTGN	1661208C1
F	62-GX	14	WH	1661209C1
ENGINE FAN OVERRIDE SWITCH (659)				
 CONNECTOR - 2009385C1		 CONNECTOR - 1661209C1		
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	23-GY	16	WH	1661226C1
2	-	-	-	-
3	-	-	-	-
4	23B	16	TN	1661226C1
5	23A	16	TN	1661226C1
6	-	-	-	-
7	62M	16	DKBL	1661209C1
8	11-GR	16	WH	1661209C1
CHK	DATE	CHANGE	REV	REFERENCE
				DRAWN U00AXPC NAME 5000/9200/9400/9900 CIRCUIT DIAGRAMS
				RELEASE NO. 59888E DATE 29OCT05 PART NO. AE08-52513
				SHEET 92

Figure 291 Connector Composites (613), (642), (643), (659)

13.94. CONNECTOR COMPOSITES (662), (675), (676), P. 93

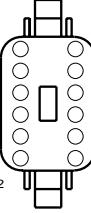
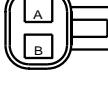
INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13																																																																					
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WB CHASSIS					ECU (PART OF WABCO ABS CONTROL MODULE) (662)																																																																					
					<table border="1"> <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>BK</td><td>16</td><td>BK</td><td>1680205C1</td></tr> <tr><td>2</td><td>BN</td><td>16</td><td>BN</td><td>1680205C1</td></tr> <tr><td>3</td><td>BK</td><td>16</td><td>BK</td><td>1680205C1</td></tr> <tr><td>4</td><td>BN</td><td>16</td><td>BN</td><td>1680205C1</td></tr> <tr><td>5</td><td>BL</td><td>16</td><td>BL</td><td>1680205C1</td></tr> <tr><td>6</td><td>BN</td><td>16</td><td>BN</td><td>1680205C1</td></tr> <tr><td>7</td><td>BL</td><td>16</td><td>BL</td><td>1680205C1</td></tr> <tr><td>8</td><td>GN/YL</td><td>16</td><td>GN/YL</td><td>1680205C1</td></tr> <tr><td>9</td><td>BN</td><td>16</td><td>BN</td><td>1680205C1</td></tr> <tr><td>10</td><td>BL</td><td>16</td><td>BL</td><td>1680205C1</td></tr> <tr><td>11</td><td>BN/YL</td><td>16</td><td>BN/YL</td><td>1680205C1</td></tr> <tr><td>12</td><td>BN</td><td>16</td><td>BN</td><td>1680205C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	BK	16	BK	1680205C1	2	BN	16	BN	1680205C1	3	BK	16	BK	1680205C1	4	BN	16	BN	1680205C1	5	BL	16	BL	1680205C1	6	BN	16	BN	1680205C1	7	BL	16	BL	1680205C1	8	GN/YL	16	GN/YL	1680205C1	9	BN	16	BN	1680205C1	10	BL	16	BL	1680205C1	11	BN/YL	16	BN/YL	1680205C1	12	BN	16	BN	1680205C1
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7	BL	16	BL	1680205C1																																																																						
8	GN/YL	16	GN/YL	1680205C1																																																																						
9	BN	16	BN	1680205C1																																																																						
10	BL	16	BL	1680205C1																																																																						
11	BN/YL	16	BN/YL	1680205C1																																																																						
12	BN	16	BN	1680205C1																																																																						
CONNECTOR - 3519423C1					CONNECTOR LOCK - 1689428C1																																																																					
ECM POWER IN - LINE CONNECTION W/ SERIES 60 (675)																																																																										
CONNECTOR - 1671610C1																																																																										
CONNECTOR LOCK - 1671608C1					CONNECTOR - 1671611C1																																																																					
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B	14D	12	RD	1687848C1	0587579C1																																																																					
ECM 6 - WAY POWER CONNECTION (676)					<table border="1"> <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>14C</td><td>12</td><td>RD</td><td>1687847C1</td><td>0587579C1</td></tr> <tr><td>B</td><td>11-GB</td><td>12</td><td>WH</td><td>1687847C1</td><td>0587579C1</td></tr> <tr><td>C</td><td>14D</td><td>12</td><td>RD</td><td>1687847C1</td><td>0587579C1</td></tr> <tr><td>D</td><td>11-GC</td><td>12</td><td>WH</td><td>1687847C1</td><td>0587579C1</td></tr> <tr><td>E</td><td>11-GA</td><td>12</td><td>WH</td><td>1687847C1</td><td>0587579C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	14C	12	RD	1687847C1	0587579C1	B	11-GB	12	WH	1687847C1	0587579C1	C	14D	12	RD	1687847C1	0587579C1	D	11-GC	12	WH	1687847C1	0587579C1	E	11-GA	12	WH	1687847C1	0587579C1																													
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D	11-GC	12	WH	1687847C1	0587579C1																																																																					
E	11-GA	12	WH	1687847C1	0587579C1																																																																					
CONNECTOR - 2011673C1					CONNECTOR LOCK - 2011675C1																																																																					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00AXPC	NAME 5000/9200/9400/9900 CIRCUIT DIAGRAMS																																																																				
					RELEASE NO. 5Q888F	DATE 29OCT05	PART NO.	SHEET 93																																																																		
								AE08-52513																																																																		

Figure 292 Connector Composites (662), (675), (676)

13.95. CONNECTOR COMPOSITES (690), P. 94

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					ELECTRICAL CIRCUIT DIAGRAMS CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																																																																																						
REAR CHASSIS HARNESS (BENDIX) (RT SIDE FRONT OF CROSS MEMBER BY RR AXLE) (690)																																																																																																																																											
																																																																																																																																											
CONNECTOR - 3519423C1 CONNECTOR LOCK - 1689428C1 <table border="1" data-bbox="372 728 750 1013"> <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>GY/WH</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>2</td><td>OR/WH</td><td>16</td><td>OR</td><td>1680205C1</td></tr> <tr><td>3</td><td>DKBL/WH</td><td>16</td><td>DKBL</td><td>1680205C1</td></tr> <tr><td>4</td><td>YL/WH</td><td>16</td><td>YL</td><td>1680205C1</td></tr> <tr><td>5</td><td>PK/WH</td><td>16</td><td>PK</td><td>1680205C1</td></tr> <tr><td>6</td><td>TN/WH</td><td>16</td><td>TN</td><td>1680205C1</td></tr> <tr><td>7</td><td>LTBL/WH</td><td>16</td><td>LTBL</td><td>1680205C1</td></tr> <tr><td>8</td><td>LTGN/WH</td><td>16</td><td>LTGN</td><td>1680205C1</td></tr> <tr><td>9</td><td>VT/WH</td><td>16</td><td>VT</td><td>1680205C1</td></tr> <tr><td>10</td><td>BN/WH</td><td>16</td><td>BN</td><td>1680205C1</td></tr> <tr><td>11</td><td>RD/WH</td><td>16</td><td>RD</td><td>1680205C1</td></tr> <tr><td>12</td><td>BK/WH</td><td>16</td><td>BK</td><td>1680205C1</td></tr> </tbody> </table> <table border="1" data-bbox="816 728 1207 1013"> <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>GY/WH1</td><td>16</td><td>LTBL</td><td>1680206C1</td></tr> <tr><td>2</td><td>OR/WH1</td><td>16</td><td>LTGN</td><td>1680206C1</td></tr> <tr><td>3</td><td>DKBL/WH1</td><td>16</td><td>BK</td><td>1680206C1</td></tr> <tr><td>4</td><td>YL/WH1</td><td>16</td><td>BL</td><td>1680206C1</td></tr> <tr><td>5</td><td>BN1</td><td>16</td><td>VT</td><td>1680206C1</td></tr> <tr><td>6</td><td>BL1</td><td>16</td><td>YL</td><td>1680206C1</td></tr> <tr><td>7</td><td>BN/WH1</td><td>16</td><td>TN</td><td>1680206C1</td></tr> <tr><td>8</td><td>RD/WH1</td><td>16</td><td>RD</td><td>1680206C1</td></tr> <tr><td>9</td><td>BK/WH1</td><td>16</td><td>OR</td><td>1680206C1</td></tr> <tr><td>10</td><td>LTBL/WH1</td><td>16</td><td>GY</td><td>1680206C1</td></tr> <tr><td>11</td><td>LTGN/WH1</td><td>16</td><td>LTGN</td><td>1680206C1</td></tr> <tr><td>12</td><td>VT/WH1</td><td>16</td><td>BN</td><td>1680206C1</td></tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	GY/WH	16	GY	1680205C1	2	OR/WH	16	OR	1680205C1	3	DKBL/WH	16	DKBL	1680205C1	4	YL/WH	16	YL	1680205C1	5	PK/WH	16	PK	1680205C1	6	TN/WH	16	TN	1680205C1	7	LTBL/WH	16	LTBL	1680205C1	8	LTGN/WH	16	LTGN	1680205C1	9	VT/WH	16	VT	1680205C1	10	BN/WH	16	BN	1680205C1	11	RD/WH	16	RD	1680205C1	12	BK/WH	16	BK	1680205C1	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	GY/WH1	16	LTBL	1680206C1	2	OR/WH1	16	LTGN	1680206C1	3	DKBL/WH1	16	BK	1680206C1	4	YL/WH1	16	BL	1680206C1	5	BN1	16	VT	1680206C1	6	BL1	16	YL	1680206C1	7	BN/WH1	16	TN	1680206C1	8	RD/WH1	16	RD	1680206C1	9	BK/WH1	16	OR	1680206C1	10	LTBL/WH1	16	GY	1680206C1	11	LTGN/WH1	16	LTGN	1680206C1	12	VT/WH1	16	BN	1680206C1
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Figure 293 Connector Composites (690)

13.96. CONNECTOR COMPOSITES (720), (753), (755), (766), (767), P. 95

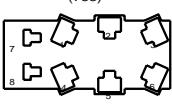
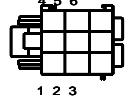
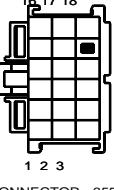
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END			
LOWER READING LIGHT (720)		CAV	CIRCUIT	GAUGE	COLOR TERMINAL
		A	63W	18	DKBL 1661261C1
		B	63-GW	18	WH 1661261C1
CONNECTOR - 1661259C1 CONNECTOR LOCK - 1661263C1					
WABCO ATC MUD / SNOW SWITCH (753)		CAV	CIRCUIT	GAUGE	COLOR TERMINAL
		1	-	-	-
		2	-	-	-
		3	-	-	-
		4	-	-	-
		5	11-GR	16	WH 1661226C1
			94-GB	18	WH
		6	94BE	16	GY 1661226C1
		7	62AJ	16	DKBL 1661209C1
		8	94-GB	18	WH 1661209C1
CONNECTOR - 2009385C1					
POWER (WABCO) (755)		CAV	CIRCUIT	GAUGE	COLOR TERMINAL
		1	-	-	-
		2	-	-	-
		3	-	-	-
		4	94WA	14	GY 3548971C1
		5	94WB	14	GY 3548971C1
		6	-	-	-
		7	94WE	14	GY 3548971C1
		8	94WF	14	GY 3548971C1
		9	94WG	14	GY 3548971C1
CONNECTOR - 3548977C1 CONNECTOR LOCK - 3549119C1					
WABCO ABS / ATC LEFT FRONT WHEEL SPEED SENSOR IN - LINE CONNECTOR (767)		CAV	CIRCUIT	GAUZE	COLOR TERMINAL
		1	(BK4)	16	BK PURCHASED
		2	(BN4)	16	BN PURCHASED
CONNECTOR - 3519665C1					
WABCO ABS / ATC FRONT ECU (766)		CAV	CIRCUIT	GA	COLOR TERMINAL
		1	A94WF	18	BN 3548971C1
		2	A94WM	18	BN 3548971C1
		3	A94WJ	18	VT 3548971C1
		4	A94WE	18	Ltbl 3548971C1
		5	A94WL	18	GY 3548971C1
		6	A94WH	18	Ltbl 3548971C1
		7	A94WT	18	YL 3548971C1
		8	A94WV	18	OR 3548971C1
		9	A94WU	18	TN 3548971C1
		10	A94WA	18	BK 3548971C1
		11	A94WP	18	Ltbl 3548971C1
		12	A94WC	18	BK 3548971C1
		13	A94WB	18	BN 3548971C1
		14	A94WR	18	Ltgn 3548971C1
		15	A94WD	18	BN 3548971C1
		16	A94WS	18	VT 3548971C1
		17	A94WX	18	DKBL 3548971C1
		18	A94WY	18	BK 3548971C1
CONNECTOR - 3557921C1					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00AXPC NAME 5000/9200/9400/9900 CIRCUIT DIAGRAMS
					RELEASE NO. 59888E
					DATE 29OCT05
					PART NO. AE08-52513
					SHEET 95

Figure 294 Connector Composites (720), (753), (755), (766), (767)

13.97. CONNECTOR COMPOSITES (768), (769), (770), (771), (774), (775), P. 96

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAMS CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																																			
WABCO ABS / ATC LEFT FRONT MODULATOR VALVE (768)		CONNECTOR - 3519667C1	<table border="1"> <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>GN/YL1</td><td>16</td><td>GN</td><td>PURCHASED</td></tr> <tr> <td>2</td><td>BN1</td><td>16</td><td>BN</td><td>PURCHASED</td></tr> <tr> <td>3</td><td>BL1</td><td>16</td><td>BL</td><td>PURCHASED</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	GN/YL1	16	GN	PURCHASED	2	BN1	16	BN	PURCHASED	3	BL1	16	BL	PURCHASED																																																														
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WABCO ABS / ATC RIGHT FRONT MODULATOR VALVE (769)		CONNECTOR - 3519668C1	<table border="1"> <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>GN/YL2</td><td>16</td><td>GN</td><td>PURCHASED</td></tr> <tr> <td>2</td><td>BN2</td><td>16</td><td>BN</td><td>PURCHASED</td></tr> <tr> <td>3</td><td>BL2</td><td>16</td><td>BL</td><td>PURCHASED</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	GN/YL2	16	GN	PURCHASED	2	BN2	16	BN	PURCHASED	3	BL2	16	BL	PURCHASED																																																														
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13.98. CONNECTOR COMPOSITES (776), (777), (778), (789), (791), (815M), (816F), P. 97

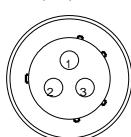
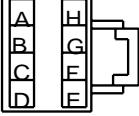
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Figure 296 Connector Composites (776), (777), (778), (789), (791), (815M), (816F)

13.99. CONNECTOR COMPOSITES (817M), (818M), (823), (851), (854), (873F), (884), (885), P. 98

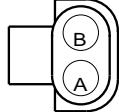
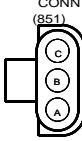
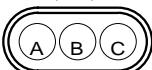
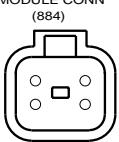
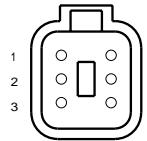
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Figure 297 Connector Composites (817M), (818M), (823), (851), (854), (873F), (884), (885)

13.100. CONNECTOR COMPOSITES (851F), (851M), (887), P. 99

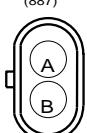
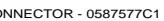
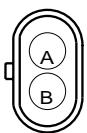
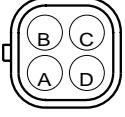
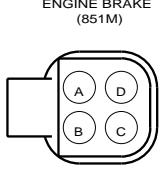
<p>INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END</p>																																			
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					PART NO.	SHEET																														
					AE08052513	099																														

Figure 298 Connector Composites (851F), (851M), (887)

13.101. CONNECTOR COMPOSITES (904), (905), (906), P. 100

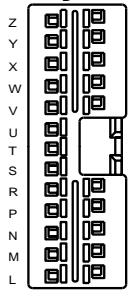
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Figure 299 Connector Composites (904), (905), (906)

13.102. CONNECTOR COMPOSITES (906), (907), (909), (912), P. 101

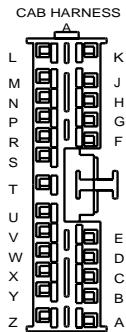
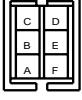
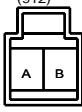
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<p>HEATER CAB CONN APADS (907)</p>  <p>CONNECTOR - 1661200C1</p>		<table border="1"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>77AF</td><td>16</td><td>LTGN</td><td>1661209C1</td></tr> <tr><td>B</td><td>-</td><td>16</td><td>LTGN</td><td>1661209C1</td></tr> <tr><td>C</td><td>77AH</td><td>16</td><td>LTGN</td><td>1661209C1</td></tr> <tr><td>D</td><td>77AJ</td><td>16</td><td>LTGN</td><td>1661209C1</td></tr> <tr><td>E</td><td>77AK</td><td>16</td><td>LTGN</td><td>1661209C1</td></tr> <tr><td>F</td><td>77AL</td><td>16</td><td>LTGN</td><td>1661209C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	77AF	16	LTGN	1661209C1	B	-	16	LTGN	1661209C1	C	77AH	16	LTGN	1661209C1	D	77AJ	16	LTGN	1661209C1	E	77AK	16	LTGN	1661209C1	F	77AL	16	LTGN	1661209C1																																																																																					
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Figure 300 Connector Composites (906), (907), (909), (912)

13.103. CONNECTOR COMPOSITES (913), (914), (915), (916), (918), P. 102

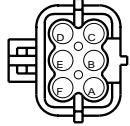
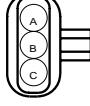
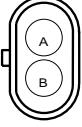
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HOOD CLOSURE (916)		 <table border="1"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr> <td>A</td><td>97AX</td><td>18</td><td>LTGN</td><td>0587578C1</td></tr> <tr> <td>B</td><td>97BA</td><td>18</td><td>LTGN</td><td>0587578C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	97AX	18	LTGN	0587578C1	B	97BA	18	LTGN	0587578C1																				
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NEUTRAL POSITION SWITCH (918)		 <table border="1"> <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>97BA</td><td>18</td><td>VT</td><td>0587576C1</td></tr> <tr> <td>B</td><td>97BC</td><td>18</td><td>VT</td><td>0587576C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	97BA	18	VT	0587576C1	B	97BC	18	VT	0587576C1																				
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Figure 301 Connector Composites (913), (914), (915), (916), (918)

13.104. CONNECTOR COMPOSITES (922M), (923F), (925), P. 103

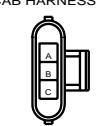
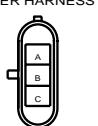
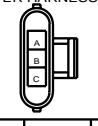
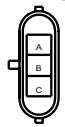
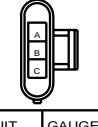
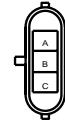
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									103																																												

Figure 302 Connector Composites (922M), (923F), (925)

13.105. CONNECTOR COMPOSITES (926), (934), (935F), P. 104

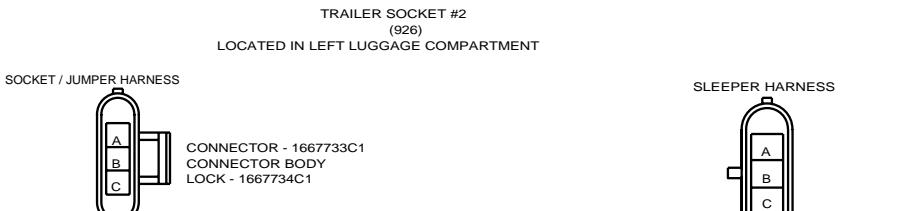
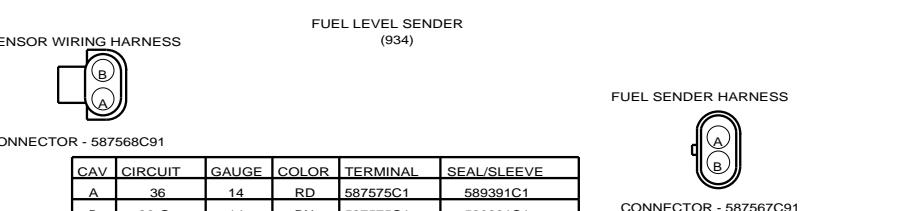
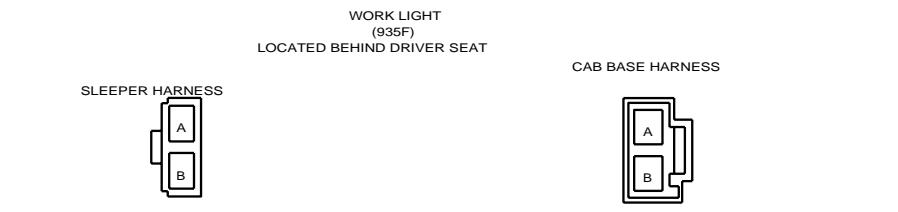
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Figure 303 Connector Composites (926), (934), (935F)

13.106. CONNECTOR COMPOSITES (938), (939), (940), (941), (942), (946), P. 105

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END						
VEHICLE SPEED SENSOR (938)		CONNECTOR - 2036583C1	CAV	CIRCUIT	GAUGE	COLOR		
			A	47C	18	GY	2644000F1	
			B	47B	18	GY	2644000F1	
SHIFT POSITION SENSOR (939)		CONNECTOR - 0587572C91	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	
			A	T3	18	TN	0587576C1	
			B	T14	18	TN	0587576C1	
			C	T4	18	TN	0587576C1	
			D	T5	18	TN	0587576C1	
9, 10 NUETRAL COILS (940)		CONNECTOR - 0587571C91	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	
			A	T3	18	TN	0587578C1	
			B	T14	18	TN	0587578C1	
			C	T4	18	TN	0587578C1	
			D	T5	18	TN	0587578C1	
TOP GEAR SWITCH (941)		CONNECTOR - 1684260C1	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	
			1	T19	18	TN	1680206C1	
			2	T17	18	TN	1680206C1	
SLEEPER HARNESS		SLEEPER CONNECTOR #2 (942) LOCATED ON LEFT SIDE AT B - PILLAR	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	
			A	75AW	10	LTCN	1661227C1	
			B	14AY	14	RD	1661226C1	
			C	14AZ	14	RD	1661227C1	
			D	14AX	10	RD	1661227C1	
				11-GAN	10	WH	1661227C1	
			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	
			A	75AW	10	LTCN	1661233C1	
			B	14AY	14	RD	1661231C1	
			C	14AX	10	RD	1661233C1	
			D	11-GAN	10	WH	1661233C1	
AUX SPEED SENSOR (946)		# W/ CAT 2007	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV/EEVE
			A	DA44C	14	GY	0587575C1	0589391C1
			A	K44AC#	14	GY	0587575C1	0589391C1
			B	DA44D	14	GY	0587575C1	0589391C1
			B	K44D#	14	GY	0587575C1	0589391C1
CONNECTOR - 0587568C91								
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
CNA1	28FEB08	REVISED CONN 946 FOR	A	61049Z	U00AXPC	CIRCUIT DIAGRAM, 5000/9200/9400/9900		
	CAT 2007				RELEASE NO.	DATE	PART NO.	SHEET
					59888E	29OCT05	AE08052513	105

Figure 304 Connector Composites (938), (939), (940), (941), (942), (946)

13.107. CONNECTOR COMPOSITES (955), (956), (962), (963), (992), (993), (994), P. 106

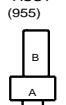
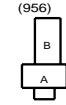
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																								
RESISTOR ASSY (955)		CONNECTOR - 872291R1																								
		<table border="1"> <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>17HA</td><td>16</td><td>PK</td><td>0188396R1</td></tr> <tr> <td>B</td><td>17KA</td><td>16</td><td>PK</td><td>0188396R1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	17HA	16	PK	0188396R1	B	17KA	16	PK	0188396R1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																						
A	17HA	16	PK	0188396R1																						
B	17KA	16	PK	0188396R1																						
DIODE (956)		CONNECTOR - 872291R1																								
		<table border="1"> <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>13BH</td><td>18</td><td>PK</td><td>879630R1</td></tr> <tr> <td>B</td><td>13AL</td><td>18</td><td>PK</td><td>879630R1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	13BH	18	PK	879630R1	B	13AL	18	PK	879630R1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																						
A	13BH	18	PK	879630R1																						
B	13AL	18	PK	879630R1																						
LT DOOR COURTESY CONNECTOR (962)		CONNECTOR - 1661891C1																								
		<table border="1"> <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>63V</td><td>18</td><td>DKBL</td><td>1661262C1</td></tr> <tr> <td>B</td><td>63H</td><td>18</td><td>DKBL</td><td>1661262C1</td></tr> <tr> <td>C</td><td>78R</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	63V	18	DKBL	1661262C1	B	63H	18	DKBL	1661262C1	C	78R	18	LTGN	1661262C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																						
A	63V	18	DKBL	1661262C1																						
B	63H	18	DKBL	1661262C1																						
C	78R	18	LTGN	1661262C1																						
RIGHT DOOR COURTESY CONNECTOR (963)		CONNECTOR - 1661891C1 CONNECTOR BODY LOCK - 1661892C1																								
		<table border="1"> <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>63X</td><td>18</td><td>DKBL</td><td>1661262C1</td></tr> <tr> <td>B</td><td>63Y</td><td>18</td><td>DKBL</td><td>1661262C1</td></tr> <tr> <td>C</td><td>78S</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	63X	18	DKBL	1661262C1	B	63Y	18	DKBL	1661262C1	C	78S	18	LTGN	1661262C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																						
A	63X	18	DKBL	1661262C1																						
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C	78S	18	LTGN	1661262C1																						
WORK LIGHT RECTIFIER WORK LIGHT IN PARK / REV (992)		CONNECTOR - 872291R1																								
		<table border="1"> <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>71L</td><td>16</td><td>OR</td><td>0188396R1</td></tr> <tr> <td>B</td><td>71M</td><td>16</td><td>OR</td><td>0188396R1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	71L	16	OR	0188396R1	B	71M	16	OR	0188396R1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																						
A	71L	16	OR	0188396R1																						
B	71M	16	OR	0188396R1																						
PARK BRAKE SWITCH WORK LIGHTS (993)		CONNECTOR - 1661777C1																								
		<table border="1"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr> <td>C</td><td>71K</td><td>16</td><td>OR</td><td>1661875C1</td></tr> <tr> <td>D</td><td>71L</td><td>16</td><td>OR</td><td>1661875C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	C	71K	16	OR	1661875C1	D	71L	16	OR	1661875C1					
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D	71L	16	OR	1661875C1																						
WORK LIGHT RECTIFIER WORK LIGHT IN PARK / REV (994)		CONNECTOR - 872291R1																								
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																						
A	71H	14	OR	0188396R1																						
B	71J	14	OR	0188396R1																						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00AXPC	NAME 5000/9200/9400/9900 CIRCUIT DIAGRAMS																				
					RELEASE NO. 59888F	DATE 29OCT05																				
					PART NO. AE08-52513	SHEET 106																				

Figure 305 Connector Composites (955), (956), (962), (963), (992), (993), (994)

13.108. CONNECTOR COMPOSITES (995–999), (1033), (1034), P. 107

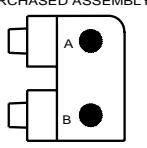
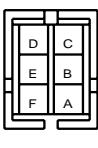
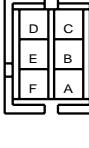
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																	
SKYRISE CLEARANCE LIGHT CONNECTORS (995 - 999) PURCHASED ASSEMBLY																																																						
																																																						
CONNECTOR - 3515781C91 <table border="1"> <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>18BK</td><td>18</td><td>PK</td><td></td></tr> <tr> <td>B</td><td>18WH</td><td>18</td><td>WH</td><td></td></tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	18BK	18	PK		B	18WH	18	WH																															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																		
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B	18WH	18	WH																																																			
* TERMINALS ARE PART OF PURCHASE																																																						
RIGHT DOOR HARNESS POWER WINDOW RIGHT DOOR CONNECTION (1033) POWER WINDOW OVERLAY																																																						
																																																						
CONNECTOR - 1661200C1 <table border="1"> <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>62BR</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr> <td>B</td><td>83D</td><td>14</td><td>LTGN</td><td>1661209C1</td></tr> <tr> <td>C</td><td>62-GBR</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr> <td>D</td><td>83J</td><td>14</td><td>LTGN</td><td>1661209C1</td></tr> <tr> <td>E</td><td>83K</td><td>14</td><td>LTGN</td><td>1661209C1</td></tr> <tr> <td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	62BR	16	DKBL	1661209C1	B	83D	14	LTGN	1661209C1	C	62-GBR	18	WH	1661208C1	D	83J	14	LTGN	1661209C1	E	83K	14	LTGN	1661209C1	F	-	-	-	-										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																		
A	62BR	16	DKBL	1661209C1																																																		
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																		
A	83-GA	14	WH	1661209C1																																																		
B	83J	14	LTGN	1661209C1																																																		
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F	-	-	-	-																																																		
CONNECTOR - 1661201C1 <table border="1"> <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>83-GA</td><td>14</td><td>WH</td><td>1661213C1</td></tr> <tr> <td>B</td><td>83J</td><td>14</td><td>LTGN</td><td>1661213C1</td></tr> <tr> <td>C</td><td>83C</td><td>14</td><td>LTGN</td><td>1661213C1</td></tr> <tr> <td>D</td><td>62AL</td><td>16</td><td>DKBL</td><td>1661214C2</td></tr> <tr> <td>D</td><td>62BR</td><td>16</td><td>DKBL</td><td>1661214C2</td></tr> <tr> <td>E</td><td>62BR</td><td>16</td><td>DKBL</td><td>1661213C1</td></tr> <tr> <td>F</td><td>83K</td><td>14</td><td>LTGN</td><td>1661213C1</td></tr> <tr> <td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	83-GA	14	WH	1661213C1	B	83J	14	LTGN	1661213C1	C	83C	14	LTGN	1661213C1	D	62AL	16	DKBL	1661214C2	D	62BR	16	DKBL	1661214C2	E	62BR	16	DKBL	1661213C1	F	83K	14	LTGN	1661213C1	F	-	-	-	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																		
A	83-GA	14	WH	1661213C1																																																		
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00AXPC	NAME 5000/9200/9400/9900 CIRCUIT DIAGRAMS	RELEASE NO. 59888E	DATE 29OCT05	PART NO. AF08-52513	SHEET 107																																												

Figure 306 Connector Composites (995–999), (1033), (1034)

13.109. CONNECTOR COMPOSITES (1039), (1040), (1041), P. 108

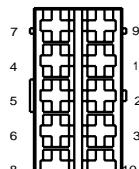
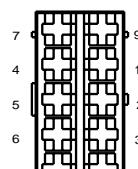
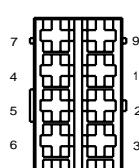
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LEFT POWER WINDOW SWITCH, DRIVER SIDE (1039)																																																												
																																																												
CONNECTOR - 3530407C1																																																												
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																								
1	83F	14	LTGN	3532125C1																																																								
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				RELEASE NO. 59888E	DATE 29OCT05 PART NO. AE08-52513 SHEET 108																																																							

Figure 307 Connector Composites (1039), (1040), (1041)

13.110. CONNECTOR COMPOSITES (1042), (1043), (1044), P. 109

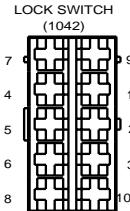
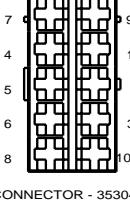
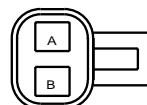
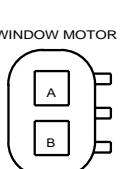
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Figure 308 Connector Composites (1042), (1043), (1044)

13.111. CONNECTOR COMPOSITES (1045), (1046), (1047), (1048), P. 110

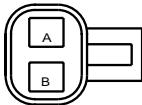
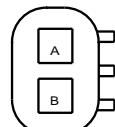
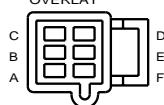
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Figure 309 Connector Composites (1045), (1046), (1047), (1048)

13.112. CONNECTOR COMPOSITES (1049), (1050M), (1051–1052), P. 111

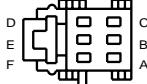
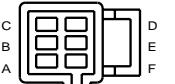
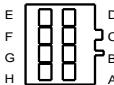
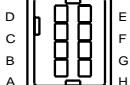
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Figure 310 Connector Composites (1049), (1050M), (1051–1052)

13.113. CONNECTOR COMPOSITES (1053), (1054M), (1056M), (1057M), P. 112

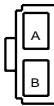
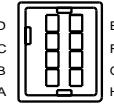
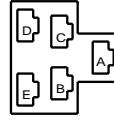
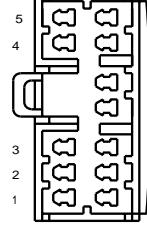
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1	A75BP	18	LTGN	2018639C1																																																																			
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3	A75BE	18	LTGN	2018639C1																																																																			
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					SHEET	112																																																																	

Figure 311 Connector Composites (1053), (1054M), (1056M), (1057M)

13.114. CONNECTOR COMPOSITES (1058M), (1059M), (1060M), (1084), P. 113

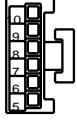
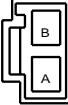
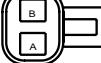
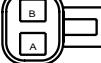
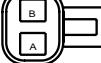
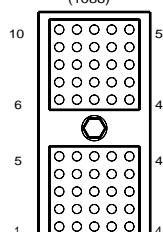
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																						
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																				
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B	A75BF	18	LTGN	1661261C1																																				
C	A75-GM	18	WH	1661261C1																																				
CONNECTOR - 1661889C1 CONNECTOR BODY LOCK - 1661890C1																																								
RECIRC (1059M)																																								
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CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																				
5	-	-	-	-																																				
6	-	-	-	-																																				
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9	-	-	-	-																																				
10	L75BM	18	LTGN	3522073C1																																				
CONNECTOR - 3522071C1																																								
HTR CONNECTOR #3 (1060M)																																								
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* W/ FAN OVERRIDE # W/ FAN OVERRIDE & APADS																																								
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																		
CNA1	28FEB08	ADDED CONN 1084 FOR	A	61049Z	U00AXPC	CIRCUIT DIAGRAM, 5000/9200/9400/9900																																		
					RELEASE NO.	DATE																																		
	CAT 2007				59888E	29OCT05																																		
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Figure 312 Connector Composites (1058M), (1059M), (1060M), (1084)

13.115. CONNECTOR COMPOSITES (1086), P. 114

INTERNATIONAL TRUCK AND ENGINE CORPORATION		ELECTRICAL CIRCUIT DIAGRAM			CHAPTER 13	
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 VIEWED FROM MATING END				
ECM CONNECTOR (1086)						
						
CONNECTOR - 3555048C1						
CAVITY	CIRCUIT	GAUGE	COLOR	TERMINAL		
1	99C	18	VT	3518963C1		
2	97AM	18	VT	3518963C1		
3	PLUG	-	-	3527276C1		
4	PLUG	-	-	3527276C1		
5	97AL	18	VT	3518963C1		
6	PLUG	-	-	3527276C1		
7	24AP	18	GY	3518963C1		
8	24AE	18	GY	3518963C1		
9	99	18	VT	3518963C1		
10	98(+)	18	BK	3518963C1		
11	99B	18	VT	3518963C1		
12	97CA	18	VT	3518963C1		
13	PLUG	-	-	3527276C1		
14	PLUG	-	-	3527276C1		
15	97AH	18	VT	3518963C1		
16	97AE	18	VT	3518963C1		
17	PLUG	-	-	3527276C1		
18	24AF	18	GY	3518963C1		
19	PLUG	-	-	3527276C1		
20	98G(-)	18	BK	3518963C1		
21	PLUG	-	-	3527276C1		
22	99A(5V)	18	VT	3518963C1		
23	99-G	18	VT	3518963C1		
24	97-AA	18	VT	3518963C1		
25	97AB	18	VT	3518963C1		
26	PLUG	-	-	3527276C1		
27	97AK	16	VT	3518963C1		
28	34	16	TN	3518963C1		
29	PLUG	-	-	3527276C1		
30	PLUG	-	-	3527276C1		
31	PLUG	-	-	3527276C1		
32	34-G	16	TN	3518963C1		
33	PLUG	-	-	3527276C1		
34	97-GAB	18	VT	3518963C1		
35	PLUG	-	-	3527276C1		
36	97AJ	16	VT	3518963C1		
37	98SHD1	20	NONE	-		
38	PLUG	-	-	3527276C1		
39	13D	18	PK	3518963C1		
40	PLUG	-	-	3527276C1		
41	PLUG	-	-	3527276C1		
42	PLUG	-	-	3527276C1		
43	97AP	18	VT	3518963C1		
44	97AT	18	VT	3518963C1		
45	PLUG	-	-	3527276C1		
46	98YL(+)	20	YL	3518963C1		
47	98GN(-)	20	GN	3518963C1		
48	PLUG	-	-	3527276C1		
49	PLUG	-	-	3527276C1		
50	PLUG	-	-	3527276C1		

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
					U00AXPC	5000/9200/9400/9900 CIRCUIT DIAGRAMS				
					59888E	29OCT05			AE08-52513	114

Figure 313 Connector Composites (1086)

13.116. CONNECTOR COMPOSITES (1086), (1087), P. 115

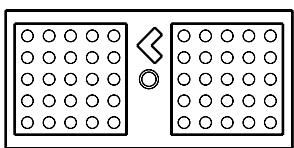
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																																																																																																																						
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6	K23C	16	TN	3555249C1	N/A																																																																																																																																																																						
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8	K24AE**	18	GY	3555249C1	N/A																																																																																																																																																																						
9	K99*	18	VT	3555249C1	N/A																																																																																																																																																																						
10	K98(+)	18	BK	3555249C1	N/A																																																																																																																																																																						
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16	K97AE	18	VT	3555249C1	N/A																																																																																																																																																																						
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Figure 314 Connector Composites (1086), (1087)

13.117. CONNECTOR COMPOSITES (1088), (1090M), (1090F), P. 116

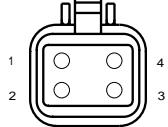
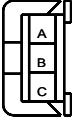
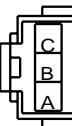
<p>INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p>ELECTRICAL CIRCUIT DIAGRAMS CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END</p>																																			
<p>ECM POWER CONNECTOR (1088)</p>  <table border="1" style="margin-top: 10px; 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>AA11-G</td> <td>12</td> <td>WH</td> <td>3557534C1</td> </tr> <tr> <td>2</td> <td>PLUG</td> <td></td> <td></td> <td>0453133C1</td> </tr> <tr> <td>3</td> <td>AA14D1</td> <td>12</td> <td>RD</td> <td>3557534C1</td> </tr> <tr> <td>4</td> <td>AA14D2</td> <td>12</td> <td>RD</td> <td>3557534C1</td> </tr> </tbody> </table> <p>CONNECTOR - 3557533C1 BODY LOCK - 3557539C1</p>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	AA11-G	12	WH	3557534C1	2	PLUG			0453133C1	3	AA14D1	12	RD	3557534C1	4	AA14D2	12	RD	3557534C1											
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Figure 315 Connector Composites (1088), (1090M), (1090F)

13.118. CONNECTOR COMPOSITES (1093), (1094), (1095F), P. 117

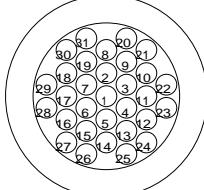
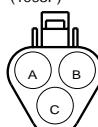
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Figure 316 Connector Composites (1093), (1094), (1095F)

13.119. CONNECTOR COMPOSITES (1097), (1097M), (1098), (1099), (1108), P. 118

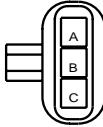
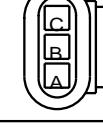
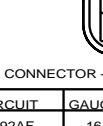
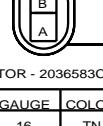
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																
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Figure 317 Connector Composites (1097), (1097M), (1098), (1099), (1108)

13.120. CONNECTOR COMPOSITES (1110), (1112), (1113), (1125), (1126), P. 119

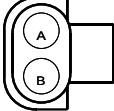
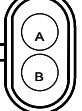
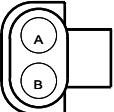
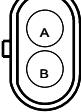
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00AXPC	NAME 5000/9200/9400/9900 CIRCUIT DIAGRAMS	SHEET																																				
					RELEASE NO. 59888E	DATE 29OCT05	PART NO. AE08-52513																																				
							119																																				

Figure 318 Connector Composites (1110), (1112), (1113), (1125), (1126)

13.121. CONNECTOR COMPOSITES (1127), (1128), (1130), (1135), P. 120

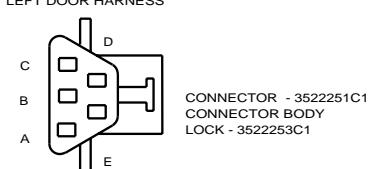
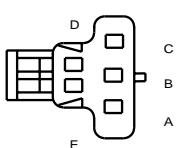
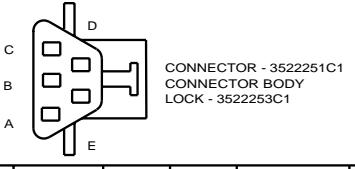
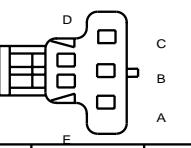
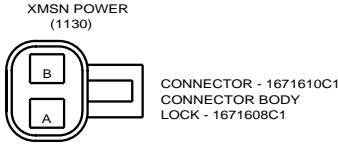
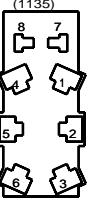
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																			
HEATED, LIGHTED, AND MOTORIZED LEFT MIRROR (1127)																																																					
 <p>LEFT DOOR HARNESS</p> <p>CONNECTOR - 3522251C1 CONNECTOR BODY LOCK - 3522253C1</p>																																																					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																
A	11-GBM	18	WH	1661875C1	1661872C1																																																
B	58J	18	BN	1661875C1	1661872C1																																																
C	78N	18	LTGN	1661875C1	1661872C1																																																
D	78P	18	LTGN	1661875C1	1661872C1																																																
E	78B	18	LTGN	1661875C1	1661872C1																																																
 <p>MIRROR PIGTAIL</p> <p>CONNECTOR - 3522252C1 CONNECTOR BODY LOCK - 3522253C1</p>																																																					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																
A	W	18	WH	1667742C1	1661872C1																																																
B	Y	18	YL	1667742C1	1661872C1																																																
C	R	18	RD	1667742C1	1661872C1																																																
D	B	18	BK	1667742C1	1661872C1																																																
E	G	18	GN	1667742C1	1661872C1																																																
RIGHT DOOR HARNESS																																																					
HEATED, LIGHTED, AND MOTORIZED RIGHT MIRROR (1128)																																																					
 <p>RIGHT DOOR HARNESS</p> <p>CONNECTOR - 3522251C1 CONNECTOR BODY LOCK - 3522253C1</p>																																																					
 <p>MIRROR PIGTAIL</p> <p>CONNECTOR - 3522252C1 CONNECTOR BODY LOCK - 3522253C1</p>																																																					
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B	58L	18	BN	1661875C1	1661872C1																																																
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E	78A	18	LTGN	1661875C1	1661872C1																																																
XMSN POWER (1130)																																																					
 <p>XMSN POWER (1130)</p> <p>CONNECTOR - 1671610C1 CONNECTOR BODY LOCK - 1671608C1</p>																																																					
# W/ CAT 2007																																																					
BEACON LIGHT SWITCH (1135)																																																					
 <p>BEACON LIGHT SWITCH (1135)</p> <p>CONNECTOR - 2009385C1</p>																																																					
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Figure 319 Connector Composites (1127), (1128), (1130), (1135)

13.122. CONNECTOR COMPOSITES (1137), (1138), (1139), (1140), P. 121

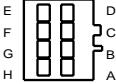
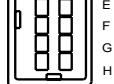
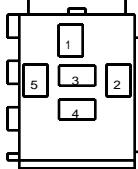
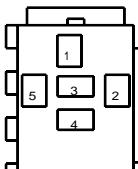
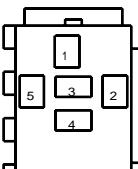
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																																																										
DUAL AXIS MIRROR SWITCH PIGTAIL	DUAL AXIS MOTORIZED MIRROR SWITCH (1137)	DUAL AXIS MIRROR OVERLAY																																																																																																										
	CONNECTOR - 3515762C1 CONNECTOR BODY LOCK - 3515764C1		CONNECTOR - 3515763C1 CONNECTOR BODY LOCK - 3515765C1																																																																																																									
<table border="1"> <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>OR</td><td>18</td><td>OR</td><td>1661261C1</td></tr> <tr><td>B</td><td>WH</td><td>20</td><td>WH</td><td>1661261C1</td></tr> <tr><td>C</td><td>LTBL</td><td>20</td><td>LTBL</td><td>1661261C1</td></tr> <tr><td>D</td><td>YL</td><td>20</td><td>YL</td><td>1661261C1</td></tr> <tr><td>E</td><td>YL</td><td>20</td><td>YL</td><td>1661261C1</td></tr> <tr><td>F</td><td>BK</td><td>20</td><td>BK</td><td>1661261C1</td></tr> <tr><td>G</td><td>LTBL</td><td>20</td><td>LTBL</td><td>1661261C1</td></tr> <tr><td>H</td><td>BK</td><td>20</td><td>BK</td><td>1661261C1</td></tr> <tr><td></td><td>WH</td><td>20</td><td>WH</td><td>1661261C1</td></tr> <tr><td></td><td>BK</td><td>20</td><td>BK</td><td>1661261C1</td></tr> <tr><td></td><td>BK</td><td>18</td><td>GN</td><td>1661261C1</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	OR	18	OR	1661261C1	B	WH	20	WH	1661261C1	C	LTBL	20	LTBL	1661261C1	D	YL	20	YL	1661261C1	E	YL	20	YL	1661261C1	F	BK	20	BK	1661261C1	G	LTBL	20	LTBL	1661261C1	H	BK	20	BK	1661261C1		WH	20	WH	1661261C1		BK	20	BK	1661261C1		BK	18	GN	1661261C1	<table border="1"> <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>78C</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>B</td><td>78N</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>C</td><td>78P</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>D</td><td>78R</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>E</td><td>78S</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>F</td><td>78F</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>G</td><td>78E</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>H</td><td>78-GA</td><td>18</td><td>WH</td><td>1661262C1</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	78C	18	LTGN	1661262C1	B	78N	18	LTGN	1661262C1	C	78P	18	LTGN	1661262C1	D	78R	18	LTGN	1661262C1	E	78S	18	LTGN	1661262C1	F	78F	18	LTGN	1661262C1	G	78E	18	LTGN	1661262C1	H	78-GA	18	WH	1661262C1		
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POWER WINDOW LEFT AND RIGHT (1138)																																																																																																												
	CONNECTOR - 593385C1 CONNECTOR BODY LOCK - 593387C1	<table border="1"> <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>83</td><td>14</td><td>LTGN</td><td>2018946C1</td></tr> <tr><td>2</td><td>12-G</td><td>14</td><td>WH</td><td>2018946C1</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>83C</td><td>14</td><td>LTGN</td><td>2022374C1</td></tr> <tr><td>4</td><td>83D</td><td>14</td><td>LTGN</td><td>2022374C1</td></tr> <tr><td>5</td><td>12W</td><td>12</td><td>LTGN</td><td>2022374C1</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	83	14	LTGN	2018946C1	2	12-G	14	WH	2018946C1	3	-	-	-	-	4	83C	14	LTGN	2022374C1	4	83D	14	LTGN	2022374C1	5	12W	12	LTGN	2022374C1																																																																							
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Figure 320 Connector Composites (1137), (1138), (1139), (1140)

13.123. CONNECTOR COMPOSITES (1141), (1155), (1156), P. 122

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																								
ROOF HARNESS	HEADLINER DOME LIGHT (1141)	HEADLINER HARNESS																																																								
CONNECTOR - 587568C91	CONNECTOR - 587567C91																																																									
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Figure 321 Connector Composites (1141), (1155), (1156)

13.124. CONNECTOR COMPOSITES (1157), (1158), (1159), (1170), P. 123

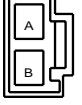
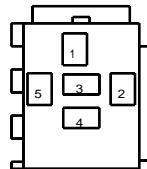
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CONNECTOR - 2009385C1																																																												
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Figure 322 Connector Composites (1157), (1158), (1159), (1170)

13.125. CONNECTOR COMPOSITES (1171M), (1177), JUNCTION POINTS J4, J7, P. 124

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																														
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CONNECTOR - 3534177C1																																																
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JUNCTION POINTS																																																
J7 - IN DASH PANEL - LEFT SIDE																																																
39 - G - AIR DRYER 52 - GD - HEADLIGHT, RT FRT / PARK / TURN 52 - GB - HEADLIGHT 11 - GR - HEADLIGHT 64 - GC - FOG LIGHTS / RT HEADLIGHTS 52 - GA - LEFT HEAD / PARK / TURN-FRT																																																
J4 - IN DASH PANEL-RIGHT SIDE																																																
32 - G - RR AXLE TEMP 4X2 32 - G - FWD RR AXLE TEMP 6X4 36 - GA - RR RR AXLE TEMP 6X4 36 - GA - FUEL LEVEL SENDER																																																
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Figure 323 Connector Composites (1171M), (1177), Junction Points J4, J7

13.126. CONNECTOR COMPOSITES (1190), P. 125

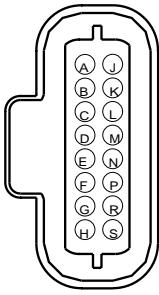
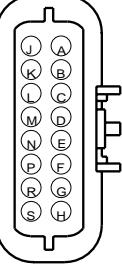
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Figure 324 Connector Composites (1190)

13.127. CONNECTOR COMPOSITES (1193), P. 126

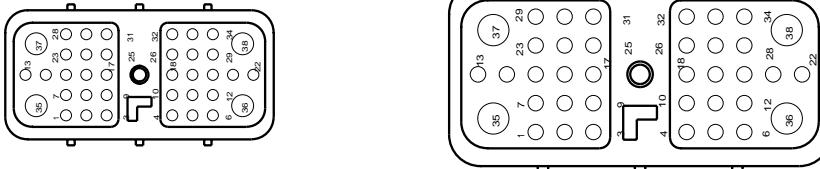
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Figure 325 Connector Composites (1193)

13.128. CONNECTOR COMPOSITES (1223), (1224), (1225), P. 127

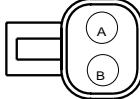
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Figure 326 Connector Composites (1223), (1224), (1225)

13.129. CONNECTOR COMPOSITES (1227), (1229), P. 128

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																																																																																																																								
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Figure 327 Connector Composites (1227), (1229)

13.130. CONNECTOR COMPOSITES (1239A, B, C), (1239), (1240), P. 129

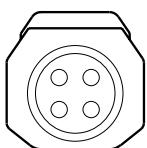
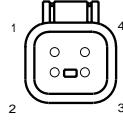
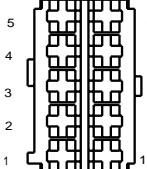
<small>INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																							
<p>J1939 JUNCTION (1239A, B, C)</p> 	<table border="1"> <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>98YL(+)</td> <td>20</td> <td>YL</td> <td>3537131C1</td> </tr> <tr> <td>2</td> <td>98SHD</td> <td>20</td> <td>NONE</td> <td>3537131C1</td> </tr> <tr> <td>3</td> <td>98GN(-)</td> <td>20</td> <td>GN</td> <td>3537131C1</td> </tr> <tr> <td>4</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3537132C1</td> </tr> </tbody> </table> <p>CONNECTOR - 3537127C1</p>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	98YL(+)	20	YL	3537131C1	2	98SHD	20	NONE	3537131C1	3	98GN(-)	20	GN	3537131C1	4	PLUG	-	-	3537132C1																														
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<p>EATON AUTOSHIFT GEAR DISPLAY (1240)</p> 	<table border="1"> <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>92P</td> <td>16</td> <td>TN</td> <td>3548972C1</td> </tr> <tr> <td>3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>92MA</td> <td>16</td> <td>TN</td> <td>3548972C1</td> </tr> <tr> <td>5</td> <td>92Q</td> <td>16</td> <td>TN</td> <td>3548972C1</td> </tr> <tr> <td>6</td> <td>98VC(-)</td> <td>18</td> <td>BK</td> <td>3548971C1</td> </tr> <tr> <td>7</td> <td>98UC(+)</td> <td>18</td> <td>BK</td> <td>3548971C1</td> </tr> <tr> <td>8</td> <td>-</td> <td>-</td> <td>-</td> <td>-</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> <p>CONNECTOR - 3584687C1</p>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	92P	16	TN	3548972C1	3	-	-	-	-	4	92MA	16	TN	3548972C1	5	92Q	16	TN	3548972C1	6	98VC(-)	18	BK	3548971C1	7	98UC(+)	18	BK	3548971C1	8	-	-	-	-	9	-	-	-	-	10	-	-	-	-
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																				
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Figure 328 Connector Composites (1239A, B, C), (1239), (1240)

13.131. CONNECTOR COMPOSITES (1241), (1243), (1250), (1258F), (1260), P. 130

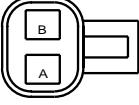
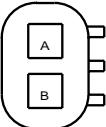
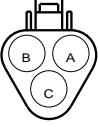
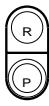
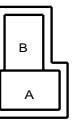
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																						
DOOR HARNESSES			DOOR SWITCH / DOME COURTESY LIGHT HARNESS & JUMPER CONNECTORS (1241)			DOOR SWITCH JUMPER																																																																		
						CONNECTOR - 1671610C1 CONNECTOR BODY LOCK - 1671608C1																																																																		
RIGHT DOOR			LEFT DOOR			CONNECTOR - 1671611C1 CONNECTOR BODY LOCK - 1671608C1																																																																		
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CONNECTOR "CM" SLEEVE AM - 8900			<table border="1"> <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>PIN</td><td>58-GZB</td><td>16</td><td>WH</td><td>0418646C1</td><td>089000-CM</td></tr> <tr> <td>RCPT</td><td>58ZK</td><td>16</td><td>BN</td><td>0418644C1</td><td>089000-CM</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	PIN	58-GZB	16	WH	0418646C1	089000-CM	RCPT	58ZK	16	BN	0418644C1	089000-CM	<table border="1"> <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>A52N</td><td>16</td><td>YL</td><td>0239807R1</td></tr> <tr> <td>B</td><td>A11-GAW</td><td>16</td><td>WH</td><td>0239807R1</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A52N	16	YL	0239807R1	B	A11-GAW	16	WH	0239807R1																																	
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Figure 329 Connector Composites (1241), (1243), (1250), (1258F), (1260)

13.132. CONNECTOR COMPOSITES (1261), (1262), P. 131

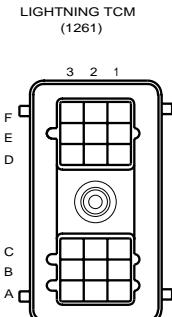
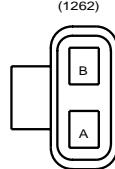
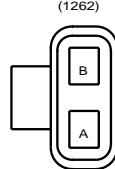
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 CONNECTOR - 3554088C1		<table border="1"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A1</td><td>K14BR</td><td>16</td><td>RD</td><td>3554090C1</td></tr> <tr><td>A2</td><td>K98U(+)</td><td>16</td><td>BK</td><td>3554090C1</td></tr> <tr><td>A3</td><td>K11-GAF</td><td>16</td><td>WH</td><td>3554090C1</td></tr> <tr><td>B1</td><td>K92AB</td><td>16</td><td>TN</td><td>3554090C1</td></tr> <tr><td>B2</td><td>K98V(-)</td><td>16</td><td>BK</td><td>3554090C1</td></tr> <tr><td>B3</td><td>K11-GAG</td><td>16</td><td>WH</td><td>3554090C1</td></tr> <tr><td>C1</td><td>K98YL5</td><td>18</td><td>YL</td><td>3565443C1</td></tr> <tr><td>C2</td><td>K98GN5</td><td>18</td><td>GN</td><td>3565443C1</td></tr> <tr><td>C3</td><td>PLUG</td><td>-</td><td>-</td><td>35543861C1</td></tr> <tr><td>D1</td><td>K92AF</td><td>16</td><td>TN</td><td>3554090C1</td></tr> <tr><td>D2</td><td>K92AG</td><td>16</td><td>TN</td><td>3554090C1</td></tr> <tr><td>D3</td><td>K92AC</td><td>16</td><td>TN</td><td>3554090C1</td></tr> <tr><td>E1</td><td>PLUG</td><td>-</td><td>-</td><td>35543861C1</td></tr> <tr><td>E2</td><td>PLUG</td><td>-</td><td>-</td><td>35543861C1</td></tr> <tr><td>E3</td><td>K92AE</td><td>16</td><td>TN</td><td>3554090C1</td></tr> <tr><td>F1</td><td>PLUG</td><td>-</td><td>-</td><td>35543861C1</td></tr> <tr><td>F2</td><td>PLUG</td><td>-</td><td>-</td><td>35543861C1</td></tr> <tr><td>F3</td><td>K92AD</td><td>16</td><td>TN</td><td>3554090C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A1	K14BR	16	RD	3554090C1	A2	K98U(+)	16	BK	3554090C1	A3	K11-GAF	16	WH	3554090C1	B1	K92AB	16	TN	3554090C1	B2	K98V(-)	16	BK	3554090C1	B3	K11-GAG	16	WH	3554090C1	C1	K98YL5	18	YL	3565443C1	C2	K98GN5	18	GN	3565443C1	C3	PLUG	-	-	35543861C1	D1	K92AF	16	TN	3554090C1	D2	K92AG	16	TN	3554090C1	D3	K92AC	16	TN	3554090C1	E1	PLUG	-	-	35543861C1	E2	PLUG	-	-	35543861C1	E3	K92AE	16	TN	3554090C1	F1	PLUG	-	-	35543861C1	F2	PLUG	-	-	35543861C1	F3	K92AD	16	TN	3554090C1
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 CONNECTOR - 1667639C1		<table border="1"> <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>*K14AT</td><td>12</td><td>RD</td><td>1661708C1</td></tr> <tr><td>A</td><td>*K14BS</td><td>12</td><td>RD</td><td>1661708C1</td></tr> <tr><td>A</td><td>***K14FD</td><td>12</td><td>RD</td><td>1661708C1</td></tr> <tr><td>B</td><td>*K14AS</td><td>12</td><td>RD</td><td>1661708C1</td></tr> <tr><td>B</td><td>**K14BT</td><td>12</td><td>RD</td><td>1661708C1</td></tr> <tr><td>B</td><td>***K14FC</td><td>12</td><td>RD</td><td>1661708C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	*K14AT	12	RD	1661708C1	A	*K14BS	12	RD	1661708C1	A	***K14FD	12	RD	1661708C1	B	*K14AS	12	RD	1661708C1	B	**K14BT	12	RD	1661708C1	B	***K14FC	12	RD	1661708C1																																																												
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Figure 330 Connector Composites (1261), (1262)

13.133. CONNECTOR COMPOSITES (1263), (1265), (1279), P. 132

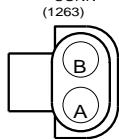
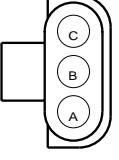
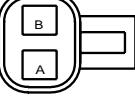
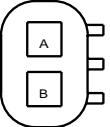
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Figure 331 Connector Composites (1263), (1265), (1279)

13.134. CONNECTOR COMPOSITES (1284), (1285), P. 133

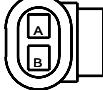
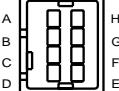
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Figure 332 Connector Composites (1284), (1285)

13.135. CONNECTOR COMPOSITES (1286), (1287), (1288), (1289), P. 134

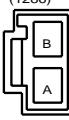
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Figure 333 Connector Composites (1286), (1287), (1288), (1289)

**13.136. CONNECTOR COMPOSITES (1304), (1305), (1306), (1307), (1308), (1309M),
P. 135**

INTERNATIONAL TRUCK AND ENGINE CORPORATION		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		CONNECTOR COMPOSITES VIEWED FROM MATING END			
LIFT - UP BUNK LIGHT SWITCH (1304)		CAV	CIRCUIT	GAUGE	COLOR TERMINAL
		A	63AG	18	DKBL 1661261C1
		B	63AM	18	DKBL 1661261C1
CONNECTOR - 1661259C1 CONNECTOR - 1661263C1 BODY LOCK					
AUX FAN (1305)		CAV	CIRCUIT	GAUGE	COLOR TERMINAL
		A	76K	18	BK 0333733C1
		B	76-GK	18	WH 0333733C1
CONNECTOR - 0969541R1					
AUXILIARY POWER (1306)		CAV	CIRCUIT	GAUGE	COLOR TERMINAL
		A	86-GN	18	WH 0188396R1
		B	14AZ	18	RD 0188396R1
CONNECTOR - 0872291R1					
TV CABINET LIGHT (1307)		CAV	CIRCUIT	GAUGE	COLOR TERMINAL
		A	63AW	18	DKBL 1661212C1
		B	63-GW	18	DKBL 1661212C1
CONNECTOR - 1669973C1					
EATON COBRA SHIFT LEVER (1308)		CAV	CIRCUIT	GAUGE	COLOR TERMINAL
	5	1	92MA	16	TN 3518963C1
	4	2	92MC	16	TN 3518963C1
		3	92-GL	16	WH 3518963C1
		4	92TB	16	TN 3518963C1
	8	5	62Y	16	DKBL 3518963C1
		6	92SL	16	TN 3518963C1
		7	-	-	-
CONNECTOR - 3539139C1 CONNECTOR BODY LOCK - 3539144C1		8	92MM	16	TN 3518963C1
EATON TONE GENERATOR (1309M)		CAV	CIRCUIT	GAUGE	COLOR TERMINAL
		1	92ETC	18	TN 3575132C1
		2	3UB(+)	18	BK 3575132C1
		3	3VB(-)	18	BK 3575132C1
		4	92-GT	18	WH 3575132C1
		5	-	-	-
CONNECTOR - 3575133C1		6	-	-	-
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN NAME
					U00AXPC 5000/9200/9400/9900 CIRCUIT DIAGRAMS
					RELEASE NO. DATE PART NO. SHEET
					59888E 29OCT05 AF08-52513 135

Figure 334 Connector Composites (1304), (1305), (1306), (1307), (1308), (1309M)

13.137. CONNECTOR COMPOSITES (1310), (1311), (1312), (1313), (1315), (1316), P. 136

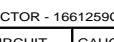
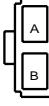
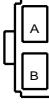
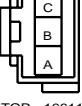
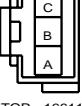
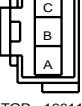
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ROOF HARNESS 	ACCENT LIGHTS JUMPER (1310) 	JUMPER HARNESS 																																																								
CONNECTOR - 1661259C1  <table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>63BB</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr><tr><td>B</td><td>63-GBB</td><td>18</td><td>WH</td><td>1661261C1</td></tr></tbody></table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	63BB	18	DKBL	1661261C1	B	63-GBB	18	WH	1661261C1	CONNECTOR - 1669972C1  <table border="1"><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>63BB</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr><tr><td>B</td><td>63-GBB</td><td>18</td><td>WH</td><td>1661261C1</td></tr></tbody></table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	63BB	18	DKBL	1661261C1	B	63-GBB	18	WH	1661261C1	CONNECTOR - 1669972C1  <table border="1"><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>63BC</td><td>18</td><td>DKBL</td><td>1661209C1</td></tr><tr><td></td><td>63BC</td><td>18</td><td>DKBL</td><td></td></tr><tr><td>B</td><td>63-GBB</td><td>18</td><td>WH</td><td>1661209C1</td></tr><tr><td></td><td>63-GBC</td><td>18</td><td>WH</td><td></td></tr></tbody></table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	63BC	18	DKBL	1661209C1		63BC	18	DKBL		B	63-GBB	18	WH	1661209C1		63-GBC	18	WH		
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Figure 335 Connector Composites (1310), (1311), (1312), (1313), (1315), (1316)

13.138. CONNECTOR COMPOSITES (1324), (1327), P. 137

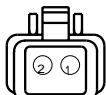
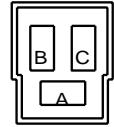
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2	K97BB	12	VT	3557534C1																	
CONNECTOR - 35577412C1 CONNECTOR BODY LOCK - 3577413C1																					
LEFT VOLUME CONTROL JUMPER (1327) 	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>B</td> <td>86AR</td> <td>18</td> <td>LTGN</td> <td>0241117R1</td> </tr> <tr> <td>C</td> <td>86AR</td> <td>18</td> <td>LTGN</td> <td>0241117R1</td> </tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	-	-	-	-	B	86AR	18	LTGN	0241117R1	C	86AR	18	LTGN	0241117R1
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CONNECTOR - 0266515C1																					
	DRAWN U00AXPC NAME 5000/9200/9400/9900 CIRCUIT DIAGRAMS RELEASE NO. 59888E DATE 29OCT05 PART NO. AF08-52513 SHEET 137																				

Figure 336 Connector Composites (1324), (1327)

13.139. CONNECTOR COMPOSITES (1328), (1331), (1332), P. 138

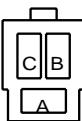
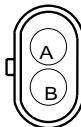
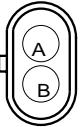
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																									
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CONNECTOR - 0266516C1																																																											
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Figure 337 Connector Composites (1328), (1331), (1332)

13.140. CONNECTOR COMPOSITES (1348), (1349), P. 139

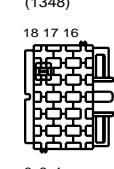
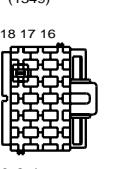
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7	LGN1(-)	18	GN	3598072C1																																																																																																																																																																																													
8	LYL1(+)	18	YL	3598072C1																																																																																																																																																																																													
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11	L94BX	18	YL	3598072C1																																																																																																																																																																																													
12	L94-GL2	16	WH	3548970C1																																																																																																																																																																																													
13	L98K(-)	16	BK	3598073C1																																																																																																																																																																																													
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17	L92VT**	16	GY	3548970C1																																																																																																																																																																																													
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Figure 338 Connector Composites (1348), (1349)

13.141. CONNECTOR COMPOSITES (1365), (1366), (1367), P. 140

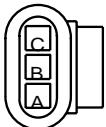
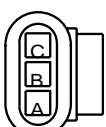
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																	
PRESSURE SENSOR 1 LOCATED AT FOAT VALVE UNDER CAB (1365)		<table border="1"> <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>YL</td><td>18</td><td>YL</td><td>1661875C1</td></tr> <tr> <td>B</td><td>GN</td><td>18</td><td>GN</td><td>1661875C1</td></tr> <tr> <td>C</td><td>BN</td><td>18</td><td>BN</td><td>1661875C1</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	YL	18	YL	1661875C1	B	GN	18	GN	1661875C1	C	BN	18	BN	1661875C1																												
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CONNECTOR - 1667741C1 CONNECTOR - 1667771C1 BODY LOCK																																																		
PRESSURE SENSOR 2 LOCATED AT OUT SIDE RIGHT DASH PANEL (1366)		<table border="1"> <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>BL</td><td>18</td><td>BL</td><td>1661875C1</td></tr> <tr> <td>B</td><td>WH</td><td>18</td><td>WH</td><td>1661875C1</td></tr> <tr> <td>C</td><td>OR</td><td>18</td><td>OR</td><td>1661875C1</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	BL	18	BL	1661875C1	B	WH	18	WH	1661875C1	C	OR	18	OR	1661875C1																												
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PRESSURE SENSOR 3 LOCATED AT RIGHT REAR AIR BAG (1367)		<table border="1"> <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>YL2</td><td>18</td><td>YL</td><td>1661875C1</td></tr> <tr> <td>B</td><td>GN2</td><td>18</td><td>GN</td><td>1661875C1</td></tr> <tr> <td>C</td><td>BN2</td><td>18</td><td>BN</td><td>1661875C1</td></tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	YL2	18	YL	1661875C1	B	GN2	18	GN	1661875C1	C	BN2	18	BN	1661875C1																												
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Figure 339 Connector Composites (1365), (1366), (1367)

13.142. CONNECTOR COMPOSITES (1342), (1370), (1371), P. 141

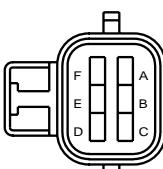
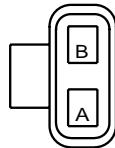
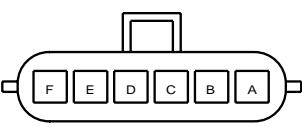
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FREEDOMELINE PTO (1342)																																																																			
 CONNECTOR - 2011340C1 BODY LOCK - 2011364C1		<table border="1"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLVEEVE</th></tr> </thead> <tbody> <tr> <td>A</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> <tr> <td>B</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> <tr> <td>C</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> <tr> <td>D</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> <tr> <td>E</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> <tr> <td>F</td><td>BR49FD3</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr> <td>F</td><td>K49FD3*</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLVEEVE	A	PLUG	-	-	2025431C1	-	B	PLUG	-	-	2025431C1	-	C	PLUG	-	-	2025431C1	-	D	PLUG	-	-	2025431C1	-	E	PLUG	-	-	2025431C1	-	F	BR49FD3	16	GY	1661875C1	1661872C1	F	K49FD3*	16	GY	1661875C1	1661872C1												
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ECM FUSE (1370)																																																																			
 CONNECTOR - 3512967C1		<table border="1"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th></th></tr> </thead> <tbody> <tr> <td>A</td><td>K14C</td><td>10</td><td>RD</td><td>3679001C1</td><td></td></tr> <tr> <td>B</td><td>K14D</td><td>10</td><td>RD</td><td>3679001C1</td><td></td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL		A	K14C	10	RD	3679001C1		B	K14D	10	RD	3679001C1																																											
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ENGINE BLOCK GROUND ADAPTER (1371)																																																																			
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		* W/ ON / OFF FAN ** W/ AUTOMATIC EATHER START *** W/ ENGINE OIL TEMPERATURE **** W/ XMSN OIL TEMPERATURE ***** W/ XMSN OIL TEMPERATURE & W/ ALLISION XMSN # W/ CAT 2007 C13 & W/ CAT 2007 C15																																																																	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																													
CNA1	28FEB08	ADDED CONN 1370 &	A	61049Z	U00AXPC	CIRCUIT DIAGRAM, 5000/9200/9400/9900																																																													
		CIRC K30-GB FOR CONN 1371			RELEASE NO.	DATE	PART NO.																																																												
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Figure 340 Connector Composites (1342), (1370), (1371)

13.143. CONNECTOR COMPOSITES (1375), (1376), P. 142

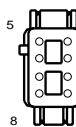
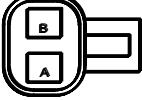
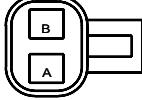
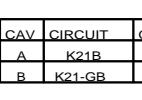
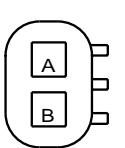
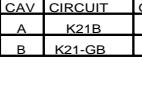
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 <p>CONNECTOR - 3539139C1 LOCK - 3539144C1</p> <table border="1"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLVEEVE</th></tr> </thead> <tbody> <tr><td>1</td><td>K95A</td><td>18</td><td>TN</td><td>3555249C1</td><td></td></tr> <tr><td>2</td><td>K95B</td><td>18</td><td>TN</td><td>3555249C1</td><td></td></tr> <tr><td>3</td><td>K95C</td><td>18</td><td>TN</td><td>3555249C1</td><td></td></tr> <tr><td>4</td><td>K95-GA</td><td>18</td><td>WH</td><td>3555249C1</td><td></td></tr> <tr><td>5</td><td>K95D</td><td>18</td><td>TN</td><td>3555249C1</td><td></td></tr> <tr><td>6</td><td>K95E</td><td>18</td><td>TN</td><td>3555249C1</td><td></td></tr> <tr><td>7</td><td>K95-GB</td><td>18</td><td>WH</td><td>3555249C1</td><td></td></tr> <tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td><td></td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLVEEVE	1	K95A	18	TN	3555249C1		2	K95B	18	TN	3555249C1		3	K95C	18	TN	3555249C1		4	K95-GA	18	WH	3555249C1		5	K95D	18	TN	3555249C1		6	K95E	18	TN	3555249C1		7	K95-GB	18	WH	3555249C1		8	PLUG	-	-	3527276C1		 <p>CONNECTOR - 1671610C1 BODY LOCK - 1671608C1</p> <table border="1"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLVEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>K21B</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>K21-GB</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLVEEVE	A	K21B	16	TN	2033819C1	1652325C1	B	K21-GB	16	WH	2033819C1	1652325C1
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Figure 341 Connector Composites (1375), (1376)

**13.144. CONNECTOR COMPOSITES (1386), (1387), (1395/1397), (1396/1398), (1408),
P. 143**

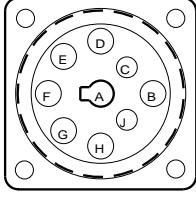
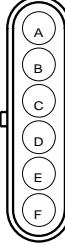
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Figure 342 Connector Composites (1386), (1387), (1395/1397), (1396/1398), (1408)

13.145. CONNECTOR COMPOSITES (1430), (1431), (4321), (4322), (5F), P. 144

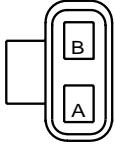
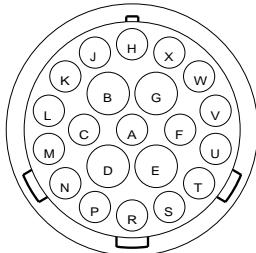
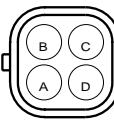
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Figure 343 Connector Composites (1430), (1431), (4321), (4322), (5F)

13.146. CONNECTOR COMPOSITES (100F), P. 145

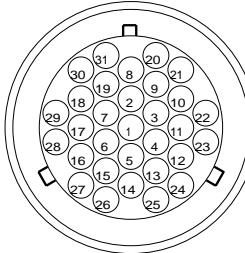
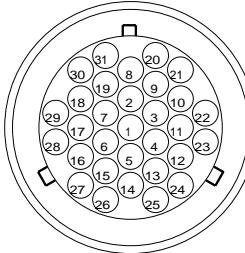
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																																																																																																																																																																																																																																																																																																						
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Figure 344 Connector Composites (100F)

13.147. CONNECTOR COMPOSITES (137M), (141M), (152M), P. 146

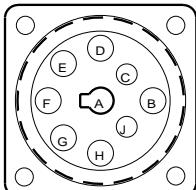
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																																										
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CRUISE SWITCH WHITE STRIPE (141M)		<table border="1"> <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>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>L98YL3(+)</td><td>18</td><td>YL</td><td>1651968C1</td></tr> <tr><td>D</td><td>L98GN3(-)</td><td>18</td><td>GN</td><td>1651968C1</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>H</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>I</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>J</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	PLUG	-	-	-	B	PLUG	-	-	-	C	L98YL3(+)	18	YL	1651968C1	D	L98GN3(-)	18	GN	1651968C1	E	PLUG	-	-	-	F	PLUG	-	-	-	G	PLUG	-	-	-	H	PLUG	-	-	-	I	PLUG	-	-	-	J	PLUG	-	-	-
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CONNECTOR - 1661777C1 CONNECTOR LOCK - 1661873C1		<table border="1"> <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>M97AL</td><td>18</td><td>VT</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>M97-GF</td><td>18</td><td>VT</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	C	M97AL	18	VT	1661875C1	1661872C1	D	M97-GF	18	VT	1661875C1	1661872C1																																					
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POWER RELAY D2 (152M)		<table border="1"> <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>A14AN</td><td>10</td><td>RD</td><td>1661710C1</td></tr> <tr><td>2</td><td>A13X</td><td>14</td><td>PK</td><td>1661710C1</td></tr> <tr><td>2</td><td>A13W</td><td>14</td><td>PK</td><td>1661710C1</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>0593387C1</td></tr> <tr><td>4</td><td>A94A</td><td>10</td><td>RD</td><td>1661710C1</td></tr> <tr><td>5</td><td>A94-GC</td><td>18</td><td>WH</td><td>1659673C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A14AN	10	RD	1661710C1	2	A13X	14	PK	1661710C1	2	A13W	14	PK	1661710C1	3	-	-	-	0593387C1	4	A94A	10	RD	1661710C1	5	A94-GC	18	WH	1659673C1																				
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				RELEASE NO. 59888F	DATE 29OCT05 PART NO. AE08-52513 SHEET 146																																																							

Figure 345 Connector Composites (137M), (141M), (152M)

13.148. CONNECTOR COMPOSITES (303F), (303M), (438M), P. 147

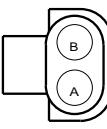
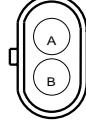
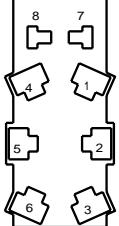
INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					CONNECTOR COMPOSITES VIEWED FROM MATING END				
SPEEDO SENSOR (303F)									
									
CONNECTOR - 0587568C91									
W/ CAT 2007									
SPEEDO SENSOR (303M)									
									
CONNECTOR - 0587567C91									
W/ CAT 2007									
HTD MIRROR SW (438M)									
									
CONNECTOR - 2009385C1									
W/ CAT 2007									
CHK DATE CHANGE REV REFERENCE DRAWN NAME									
CNA1	28FEB08	REVISED CONN 303F &	A	61049Z	U00AXPC	CIRCUIT DIAGRAM, 5000/9200/9400/9900			
RELEASE NO. 59888E					DATE 29OCT05	PART NO. A E08052513	SHEET 147		
303M									

Figure 346 Connector Composites (303F), (303M), (438M)

13.149. CONNECTOR COMPOSITES (480F), (480M), (481M), (482M), P. 148

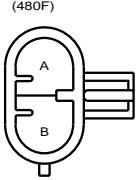
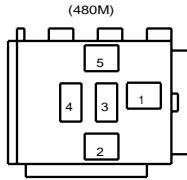
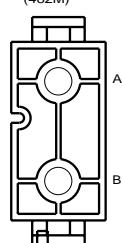
<p>INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWDED FROM MATING END</p>																																																								
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Figure 347 Connector Composites (480F), (480M), (481M), (482M)

13.150. CONNECTOR COMPOSITES (1084M), (1085M), (1174M), (1209F), P. 149

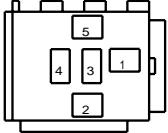
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END																																							
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3	-	-	-	-																																					
4	L94KP	18	TN	1659673C1																																					
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CONNECTOR - 0593385C1 CONNECTOR LOCK - 0593387C1																																									
ABS XMSN INTERRUPT (1085M)		<table border="1"> <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>L94KP</td><td>18</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>L92-GG</td><td>18</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	L94KP	18	TN	0587576C1	1652325C1	B	L92-GG	18	TN	0587576C1	1652325C1																	
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CRUISE BRAKE SWITCH (1174M)		<table border="1"> <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>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>B</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>C</td><td>M97ZA</td><td>18</td><td>VT</td><td>1661875C1</td><td>1661872C1</td></tr> <tr> <td>D</td><td>M97-GF</td><td>18</td><td>VT</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	M97ZA	18	VT	1661875C1	1661872C1	D	M97-GF	18	VT	1661875C1	1661872C1					
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CONNECTOR - 1661777C1 CONNECTOR - 1661873C1 BODY LOCK																																									
STUD (1209F)		<table border="1"> <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>A14EC</td><td>16</td><td>RD</td><td>1661212C1</td></tr> <tr> <td>B</td><td>A11-GEB</td><td>16</td><td>WH</td><td>1661212C1</td></tr> <tr> <td>C</td><td>A97EA</td><td>18</td><td>VT</td><td>1661212C1</td></tr> <tr> <td>D</td><td>A13ED</td><td>16</td><td>PK</td><td>1661212C1</td></tr> <tr> <td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A14EC	16	RD	1661212C1	B	A11-GEB	16	WH	1661212C1	C	A97EA	18	VT	1661212C1	D	A13ED	16	PK	1661212C1	E	-	-	-	-	F	-	-	-	-
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F	-	-	-	-																																					
CONNECTOR - 1661201C1																																									
		<p>CHK DATE CHANGE REV REFERENCE DRAWN NAME _____ _____ _____ _____ U00AXPC 5000/9200/9400/9900 CIRCUIT DIAGRAMS _____ _____ _____ _____ RELEASE NO. DATE PART NO. SHEET _____ _____ _____ _____ 59888E 29OCT05 AF08-52513 149</p>																																							

Figure 348 Connector Composites (1084M), (1085M), (1174M), (1209F)

13.151. CONNECTOR COMPOSITES (1212M), (1213F), P. 150

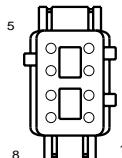
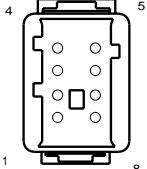
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CUMMINS ICON ECM (1212M)																																																
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					RELEASE NO. 59888E	DATE 29OCT05	PART NO. AF08-52513																																									
							SHEET 150																																									

Figure 349 Connector Composites (1212M), (1213F)

13.152. CONNECTOR COMPOSITES (1215F), (1216F), (1217M), P. 151

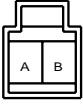
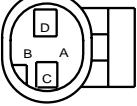
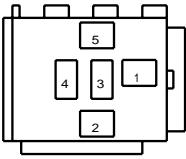
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<p>CONNECTOR - 0481140C1</p>																																								
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Figure 350 Connector Composites (1215F), (1216F), (1217M)

13.153. CONNECTOR COMPOSITES (1218M), (1225), (1232M), (1233), (1235M), (1239C), P. 152

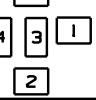
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5	A97EM	18	VT	1659673C1																																																				
 <p>NEUTRAL SWITCH (1225)</p> <p>CONNECTOR - 0587568C91</p> <ul style="list-style-type: none"> • W/ ICON W /MERITOR, MANUAL, AUTO/ULTRASHIFT XMSN • • W/ ICON & W/ LIGHTING, C2000 XMSN 					<table border="1"> <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>K97EC</td><td>18</td><td>VT</td><td>0587576C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>•K97ED</td><td>18</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>•K97ED</td><td>16</td><td>TN</td><td>0587575C1</td><td>1652325C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K97EC	18	VT	0587576C1	1652325C1	B	•K97ED	18	TN	0587576C1	1652325C1	B	•K97ED	16	TN	0587575C1	1652325C1																						
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B	•K97ED	18	TN	0587576C1	1652325C1																																																			
B	•K97ED	16	TN	0587575C1	1652325C1																																																			
 <p>PREHEAT SWITCH (1232M)</p> <p>CONNECTOR - 2009385C1</p>					<table border="1"> <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>75Z-GB</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr> <td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>4</td><td>75ZC</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr> <td>5</td><td>75ZM</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr> <td>6</td><td>75U</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr> <td>7</td><td>62ZA</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr> <td>8</td><td>75Z-GC</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> </tbody> </table>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	75Z-GB	18	LTGN	1661224C1	2	-	-	-	-	3	-	-	-	-	4	75ZC	18	LTGN	1661224C1	5	75ZM	18	LTGN	1661224C1	6	75U	18	LTGN	1661224C1	7	62ZA	18	LTGN	1661208C1	8	75Z-GC	18	LTGN	1661208C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																				
1	75Z-GB	18	LTGN	1661224C1																																																				
2	-	-	-	-																																																				
3	-	-	-	-																																																				
4	75ZC	18	LTGN	1661224C1																																																				
5	75ZM	18	LTGN	1661224C1																																																				
6	75U	18	LTGN	1661224C1																																																				
7	62ZA	18	LTGN	1661208C1																																																				
8	75Z-GC	18	LTGN	1661208C1																																																				
 <p>AUX HEATER CONN (1233)</p> <p>CONNECTOR - 1661375C2 CONNECTOR - 1661376C1 BODY LOCK</p>					<table border="1"> <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>75T-G</td><td>14</td><td>LTGN</td><td>1659673C1</td></tr> <tr> <td>B</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td></tr> <tr> <td>C</td><td>75T</td><td>14</td><td>LTGN</td><td>1659673C1</td></tr> <tr> <td>D</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td></tr> <tr> <td>E</td><td>75ZM</td><td>18</td><td>LTGN</td><td>1659673C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	75T-G	14	LTGN	1659673C1	B	PLUG	-	-	0587579C1	C	75T	14	LTGN	1659673C1	D	PLUG	-	-	0587579C1	E	75ZM	18	LTGN	1659673C1																
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																				
A	75T-G	14	LTGN	1659673C1																																																				
B	PLUG	-	-	0587579C1																																																				
C	75T	14	LTGN	1659673C1																																																				
D	PLUG	-	-	0587579C1																																																				
E	75ZM	18	LTGN	1659673C1																																																				
 <p>HEATER CONTROL RELAY I (1235M)</p> <p>CONNECTOR - 0593385C1 CONNECTOR - 0593387C1 BODY LOCK</p>					<table border="1"> <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>75BF</td><td>18</td><td>LTGN</td><td>1659673C1</td></tr> <tr> <td>2</td><td>75Z-G</td><td>18</td><td>LTGN</td><td>1659673C1</td></tr> <tr> <td>3</td><td>75ZF</td><td>18</td><td>LTGN</td><td>1659673C1</td></tr> <tr> <td>4</td><td>75BE</td><td>18</td><td>LTGN</td><td>1659673C1</td></tr> <tr> <td>5</td><td>75BM</td><td>18</td><td>LTGN</td><td>1659673C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	75BF	18	LTGN	1659673C1	2	75Z-G	18	LTGN	1659673C1	3	75ZF	18	LTGN	1659673C1	4	75BE	18	LTGN	1659673C1	5	75BM	18	LTGN	1659673C1																
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																				
1	75BF	18	LTGN	1659673C1																																																				
2	75Z-G	18	LTGN	1659673C1																																																				
3	75ZF	18	LTGN	1659673C1																																																				
4	75BE	18	LTGN	1659673C1																																																				
5	75BM	18	LTGN	1659673C1																																																				
 <p>J1939 BACKBONE (1239C)</p> <p>CONNECTOR - 1667741C1 CONNECTOR - 1667771C1 BODY LOCK</p>					<table border="1"> <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>L98YLII(+)</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>2025431C1</td><td>-</td></tr> <tr> <td>C</td><td>L98GNII(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	L98YLII(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	L98GNII(-)	18	GN	1661875C1	3568570C1																						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																			
A	L98YLII(+)	18	YL	1661875C1	3568570C1																																																			
B	PLUG	-	-	2025431C1	-																																																			
C	L98GNII(-)	18	GN	1661875C1	3568570C1																																																			
CHG	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CIRCUIT DIAGRAM																																																	
JKP	24JUL06	CIRCUITS 75T & 75T-G	A	6051BJ	UOOAXPC																																																			
					RELEASE NO.	DATE	PART NO.	SHEET																																																
					59888E	29COT05	AF08-52513	152																																																
WERE 16	Gauge																																																							

Figure 351 Connector Composites (1218M), (1225), (1232M), (1233), (1235M), (1239C)

**13.154. CONNECTOR COMPOSITES (1251M), (1252M), (1255), (1256M), (1260F),
(1260L), P. 153**

INTERNATIONAL TRUCK AND ENGINE CORPORATION		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13						
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		CONNECTOR COMPOSITES VIEWED FROM MATING END						
STOP LIGHT SWITCH RED STRIPE (1251M)		CONNECTOR - 1661777C1 CONNECTOR - 1661873C1 BODY LOCK	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
			A	-	-	-	-	-
			B	-	-	-	-	-
			C	M70ZA	16	OR	1661875C1	1661872C1
			D	M70ZC	16	OR	1661875C1	1661872C1
STOP LIGHT RED STRIPE (1252M)		CONNECTOR - 1661777C1 CONNECTOR - 1661873C1 BODY LOCK	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	
			A	-	-	-	-	-
			B	-	-	-	-	-
			C	M70ZB	16	OR	1661875C1	
			D	M70ZA	16	OR	1661875C1	
LATCHING RELAY (1255)		CONNECTOR - 1661889C1	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	
			A	14DMB	16	RD	1661261C1	
			B	14DMA	16	RD	1661261C1	
			C	14DMC	16	LTBL	1661261C1	
HIGH PRESSURE SWITCH YELLOW STRIPE (1256M)		CONNECTOR - 1661777C1 CONNECTOR - 1661873C1 BODY LOCK	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	
			A	-	-	-	-	-
			B	-	-	-	-	-
			C	M40T	16	GY	1661875C1	
			D	M40U	16	GY	1661875C1	
XMSN/DASH JUMPER (1260F)		CONNECTOR - 3538634C1 CONNECTOR - 3538636C1 BODY LOCK	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
			A	K17-G	16	WH	1667742C1	1661872C1
			B	K71-G	16	OR	1667742C1	1661872C1
			C	K98FT+	16	BK	1667742C1	1661872C1
			D	K98FU-	16	BK	1667742C1	1661872C1
			E	K92FH	16	TN	1667742C1	1661872C1
			F	K92FA	16	TN	1667742C1	1661872C1
			G	K92FB	16	TN	1667742C1	1661872C1
			H	K92FC	16	TN	1667742C1	1661872C1
			J	K92FD	16	TN	1667742C1	1661872C1
			K	K49FD3	16	GY	1667742C1	1661872C1
XMSN/DASH JUMPER (1260L)		CONNECTOR - 1667740C1 CONNECTOR - 1667771C1 BODY LOCK	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	
			A	BE92AB	16	TN	1667742C1	1661872C1
			B	BE98V(-)	16	BK	1667742C1	1661872C1
			C	BE98U(+)	16	BK	1667742C1	1661872C1
CHK		DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA	26JUL07	ADDED CONN 1255	B	60747Y	U00AXPC		CIRCUIT DIAGRAM, 5000/9200/9400/9900	
					RELEASE NO.	DATE	PART NO.	SHEET
					59888F	29OCT05	AE08-52513	153

Figure 352 Connector Composites (1251M), (1252M), (1255), (1256M), (1260F), (1260L)

13.155. CONNECTOR COMPOSITES (1329M), (7104F), (7110A), (950F), (958F), P. 154

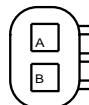
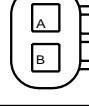
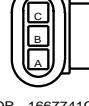
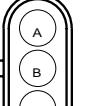
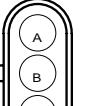
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13 CONNECTOR COMPOSITES VIEWED FROM MATING END					
BUMPER LTS CAD (1329M)		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
		A	M58ML	18	BN	2033819C1	1652325C1
		B	M58-GML	18	WH	2033819C1	1652325C1
CONNECTOR - 1671610C1 CONNECTOR - 1671608C1 BODY LOCK							
TRANSMISSION CLEAN POWER (7104F)		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
		A	K92A170	18	TN	2033911C1	3517771C1
		B	K92-G	14	TN	2033912C1	0589391C1
CONNECTOR - 1667741C1 CONNECTOR - 1667771C1 BODY LOCK							
LIGHTING J1993 (7110A)		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
		A	K5D+	18	YL	1661875C1	3568570C1
		A	K5TB(+)	18	YL	1661875C1	3568570C1
		B	PLUG	-	-	2025431C1	-
		C	K5D-	18	GN	1661875C1	3568570C1
		C	K5TB(-)	18	GN	1661875C1	3568570C1
CONNECTOR - 1667741C1 CONNECTOR - 1667771C1 BODY LOCK							
RETARDER MODULATION INTENSITY (950F)		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
		A	K92RE	16	TN	0587577C1	1652325C1
		B	K92RF	16	TN	0587577C1	1652325C1
		C	K92RG	16	TN	0587577C1	1652325C1
CONNECTOR - 0587569C91							
REMOTE CRUISE (958F)		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
		A	K97BA	18	VT	0587578C1	1652325C1
		B	K97-GC	18	VT	0587578C1	1652325C1
		B	K97-GC#	18	WH	0587578C1	1652325C1
		C	K97BB	18	VT	0587578C1	1652325C1
CONNECTOR - 0587569C91		# W/ CAT 2007					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	28FEB08	ADDED CIRC K97-GC FOR	A	61049Z	U00AXPC	CIRCUIT DIAGRAM, 5000/9200/9400/9900	
					RELEASE NO.	DATE	PART NO.
					59888E	29OCT05	AE08052513
							154

Figure 353 Connector Composites (1329M), (7104F), (7110A), (950F), (958F)

13.156. CONNECTOR COMPOSITES (1448M), P. 155

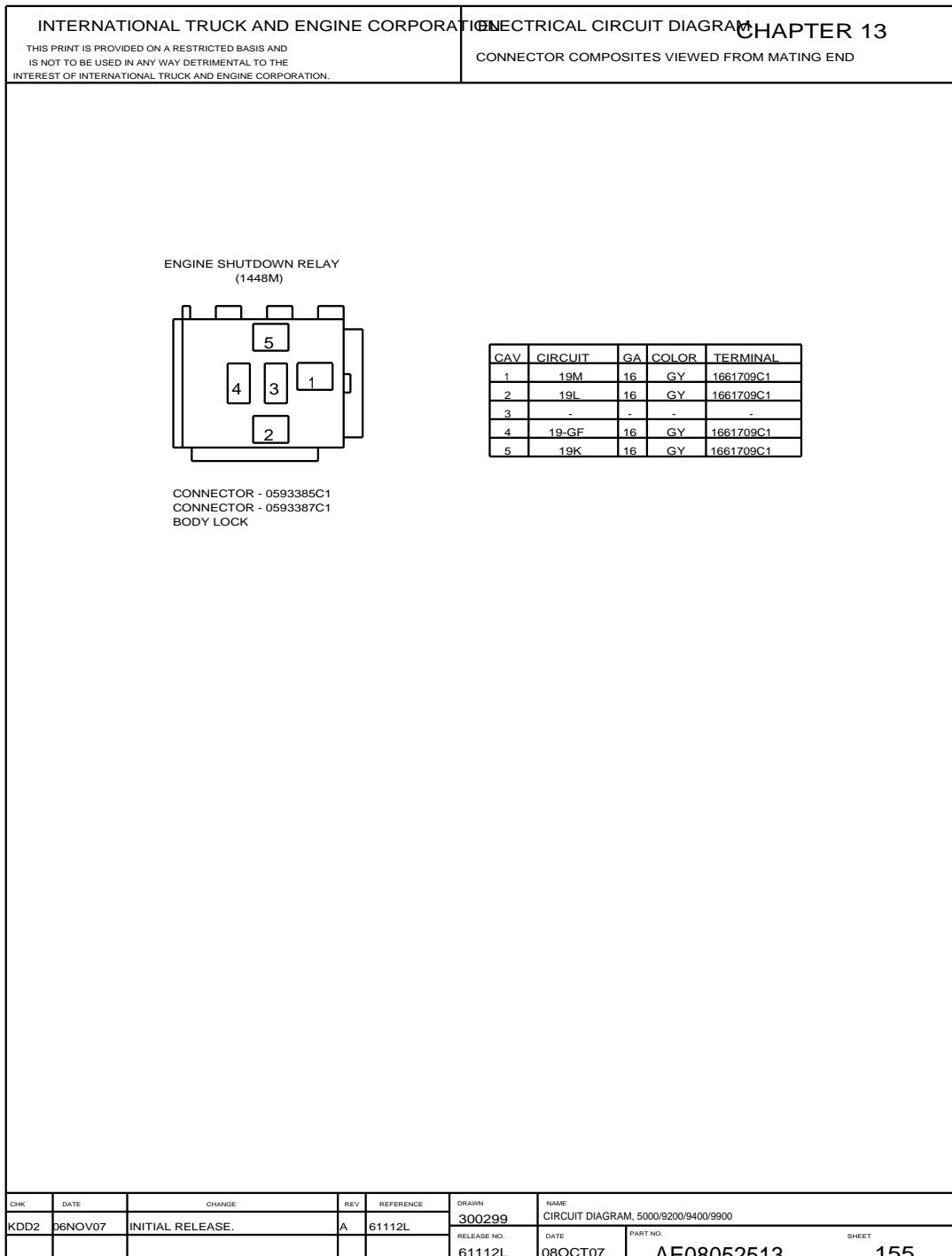


Figure 354 Connector Composites (1448M)

14. POWER DISTRIBUTION LAYOUT (CHAPTER 14)

14.1. POWER DISTRIBUTION CENTER, FUSE AND CIRCUIT BREAKER LOCATION, P. 1

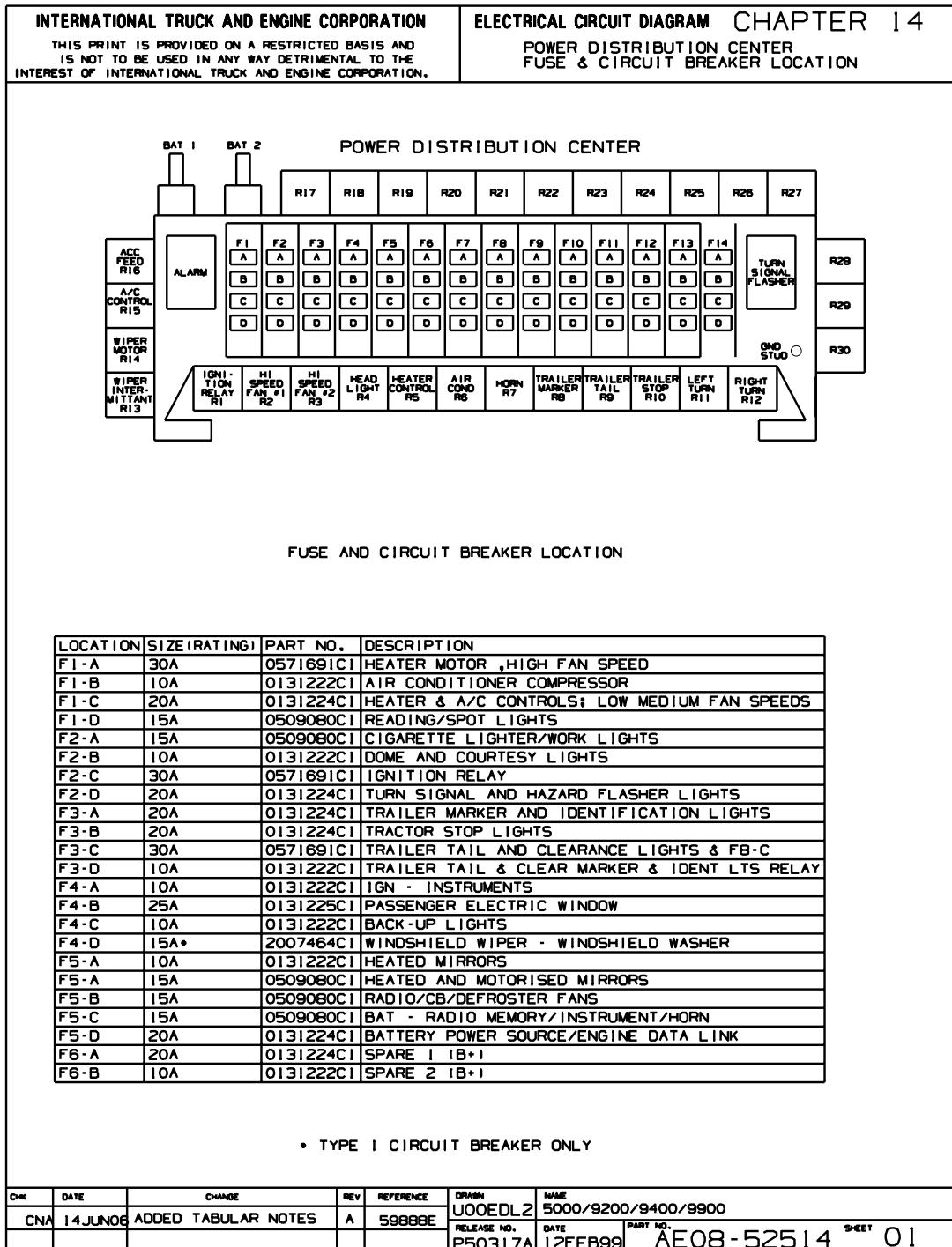


Figure 355 Power Distribution Center, Fuse and Circuit Breaker Location

14.2. FUSE AND CIRCUIT BREAKER LOCATION (CONT.), P. 2

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.			ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 FUSE & CIRCUIT BREAKER LOCATION (CONTINUED)					
FUSES & CIRCUIT BREAKERS								
LOCATION SIZE PART NO. DESCRIPTION								
F6-C 30A 0571691C1 A3 - ACCESSORY RELAY FOR A3-ADAPTER								
F6-D 20A 0131224C1 ENGINE ECM POWER (CAT.)								
F6-D 5A** 0131220C1 ENGINE ECM POWER (CUMMINS, DETROIT)								
F7-A 25A 0131225C1 KEY SWITCH CIRCUIT & RELATED RELAYS FOR IGN & ACC								
F7-B 15A 0509080C1 TRAILER LEFT TURN LIGHTS & INDICATOR BULBS								
F7-C 15A 0509080C1 TRAILER RIGHT TURN LIGHTS & INDICATOR BULBS								
F7-D 30A 0571691C1 TRAILER STOP LIGHTS								
F8-A 10A* 2007463C1 HEADLIGHT SWITCH RELAY FEED								
F8-B 25A* 2007466C1 HEADLIGHT FEED								
F8-C 15A 0509080C1 LIGHTS PANEL - MIRROR, CAB CLEAR, TRACTOR PARK & TAIL								
F8-D 20A 0131224C1 SLEEPER-DOME, READING & LUGGAGE LIGHTS								
F9-A 10A 0131222C1 AIR DRYER FEED								
F9-B 20A 0131224C1 IGN-DAYTIME RUNNING LIGHTS FEED								
F9-C 5A** 0509080C1 BAT-DAYTIME RUNNING LIGHTS FEED								
F9-D 10A 0131222C1 HEATER CONTROL MODULE IGNITION FEED								
F10-A 15A*** 0509080C1 TRAILER ABS POWER FEED								
F10-A 10A*** 0131222C1 LOW VOLTAGE MODULE								
F10-B 30A 0571691C1 WIPER-WASHER/ACCESSORY								
 THE FOLLOWING FUSES AND CIRCUIT BREAKERS (LOCATIONS F10-C THRU F13-D) ARE OPTIONAL. LOCATIONS ARE CHOSEN BY COMPUTER SOFTWARE PROGRAM ACCORDING TO CUSTOMER ORDER. SEE POWER DISTRIBUTION CENTER FOR ACTUAL LOCATIONS.								
LOCATION SIZE PART NO. DESCRIPTION								
F10-C 10A 0131222C1 FAN DRIVE (DETROIT)								
F10-D 15A 0509080C1 OPTIMIZED IDLE - INDICATOR LIGHT & ALARM								
F11-A 15A 0509080C1 OPTIMIZED IDLE - IGNITION RELAY & THERMOSTAT								
F11-B 20A 0131224C1 FUEL SOLENOID W/ 3406C MECH								
F11-C 20A 0131224C1 KYSOR SHUTDOWN W/ 3406C MECH								
F11-D 5A** - ENGINE DATA LINK W/ 3406C MECH								
F12-A 15A 0509080C1 ENGINE BRAKE W/ 3406C MECH								
F12-B 15A 0509080C1 BUNK AUXILIARY BLOWER								
F12-C 10A 0131222C1 EXHAUST PYROMETER								
F12-D 10A 0131222C1 ETHER START								
F13-A 20A 0131224C1 FOG LIGHTS								
F13-B 30A 0571691C1 BENDIX ABS BATTERY								
F13-C 5A 0131220C1 BENDIX ABS IGNITION								
F13-D 10A 0131222C1 WABCO ABS IGNITION								
F14-A 10A 0131222C1 IGN - WABCO ABS								
F14-B 10A 0131222C1 ANALOG CLOCK								
F14-C 30A 0571691C1 SPARE SWITCH FEED								
F14-D 15A 0509080C1 KYSOR LOW COOLANT								
10A 0131222C1 MERITOR G SERIES XMSN								
5A 0131220C1 REFRIGERATOR								
10A 0131222C1 DRIVER HEATED SEAT								
10A 0131222C1 PASSENGER HEATED SEAT								
 * TYPE 1 CIRCUIT BREAKER ONLY								
** FUSE ONLY								
*** MUTUALLY EXCLUSIVE								
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00EDL2 NAME CIRCUIT DIAGRAM, 5000/9200/9400/9900			
CNA	26JUL07	ADDED FUSE FOR LOW	E	60747Y	RELEASE NO. P50317A			
					DATE 12FEB99			
					PART NO. AE08-52514			
					SHEET 002			

Figure 356 Power Distribution Center, Fuse and Circuit Breaker Location (Cont.)

14.3. RELAY LOCATION, P. 3

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14

RELAY LOCATION

LOCATION	PART NO.	DESCRIPTION
R1	2012557C1	IGNITION
R2	2012557C1	HIGH SPEED FAN
R3	2012557C1	MEDIUM SPEED FAN
R4	2012557C1	HEADLIGHT
R5	2012557C1	HEATER CONTROL
R6	2012557C1	AIR CONDITIONER
R7	2012557C1	HORN
R8	2012557C1	TRAILER MARKER
R9	2012557C1	TRAILER TAIL
R10	2012557C1	TRAILER STOP
R11	36073B4C1	LEFT TURN
R12	36073B4C1	RIGHT TURN
R13	-	ELECT WIPER/INTERMITTANT
R14	-	ELECT WIPER MOTOR
R15	-	A/C CONTROL RELAY
R16	-	ACCESSORY FEED RELAY
R17	-	AIR DRYER
R18	-	BUNK AUX BLOWER
R19	-	FOG LIGHTS
R20	-	RELAY CONTROL ACC ADAPTER
R21	-	ABS TRAILER RELAY

THE FOLLOWING RELAYS (LOCATIONS R22 THRU R30) ARE OPTIONAL. LOCATIONS ARE CHOSEN BY COMPUTER SOFTWARE PROGRAM ACCORDING TO CUSTOMER ORDER. SEE POWER DISTRIBUTION CENTER FOR ACTUAL LOCATIONS.

LOCATION	PART NO.	DESCRIPTION
R22	-	ABS IGNITION OR BATTERY IN/ ABS-61
R23	-	ABS WARNING LIGHT IN/ ABS-61
R24	-	ABS ENGINE BRAKE INTERRUPT
R25	-	SPARE ACC RELAY SWITCH
R26	-	KYSOR SHUTDOWN
R27	-	ABS BATTERY
R28	-	-
R29	-	-
R30	-	-

CHG	DATE	CHANGE	REV	REFERENCE	DRAWSN	NAME	
CNA	14JUN06	ADDED TABULAR NOTES	B	59888E	U00EDL2	5000/9200/9400/9900	
					RELEASE NO.	DATE	PART NO. SHEET
					P50317A	12FEB99	AE08-52514 03

Figure 357 Relay Location

14.4. PRO SLEEPER FUSE INDEX, P. 4

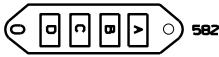
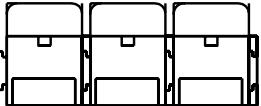
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DEDIMENTIAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 PRO-SLEEPER FUSE INDEX																													
PRO-SLEEPER FUSE INDEX																															
		MEDIUM SEED 	LUGGAGE LIGHTS HIGH SPEED																												
LEFT LUGGAGE COMPARTMENT																															
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Figure 358 Pro Sleeper Fuse Index