

## 12. CONNECTOR COMPOSITES (CHAPTER 12)

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

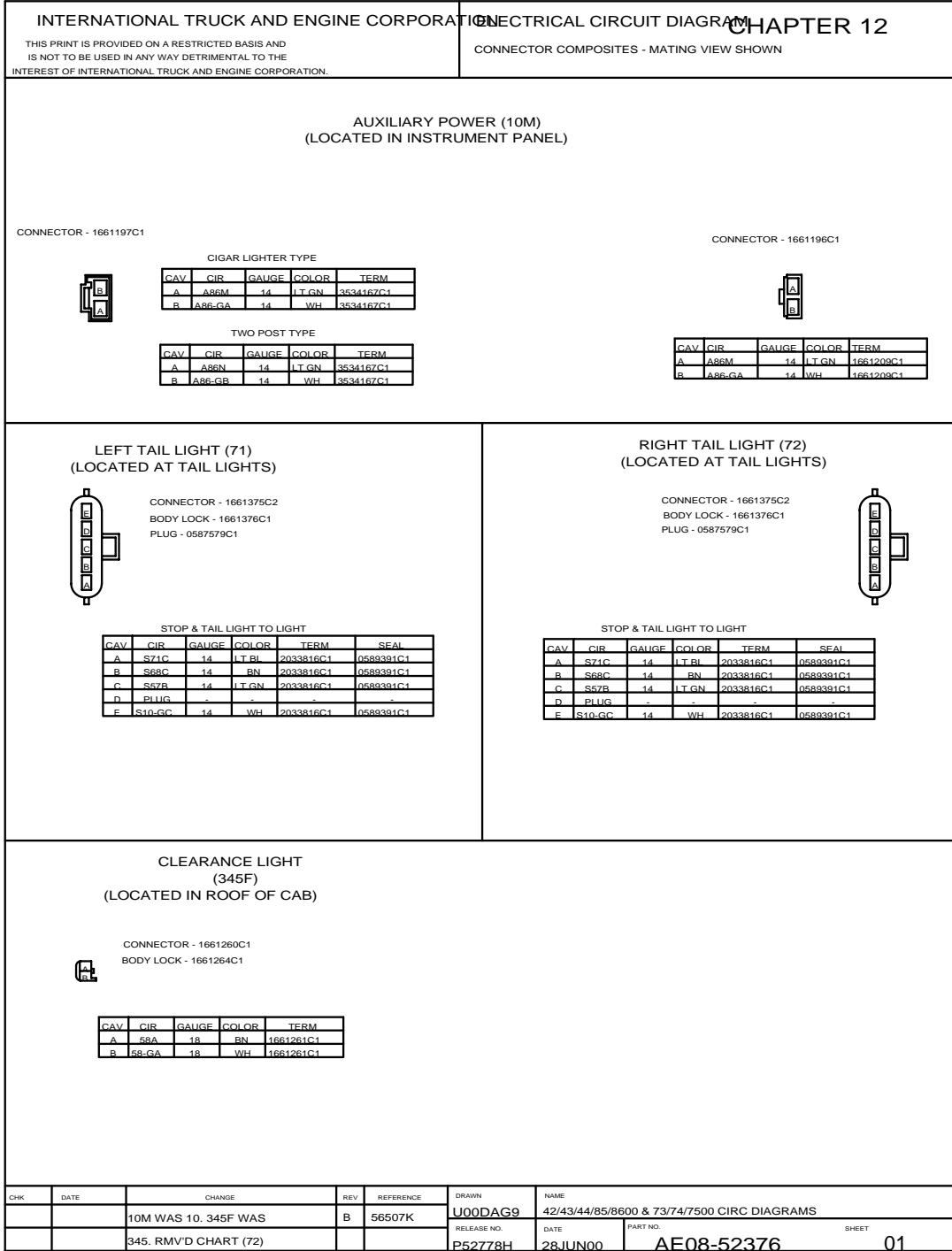


Figure 194 Connector Composites (10M), (71), (72), (345F)

12.2. CONNECTOR COMPOSITES (420F), (421F), (422M), (520), (521), (522), (523), (524), P. 2

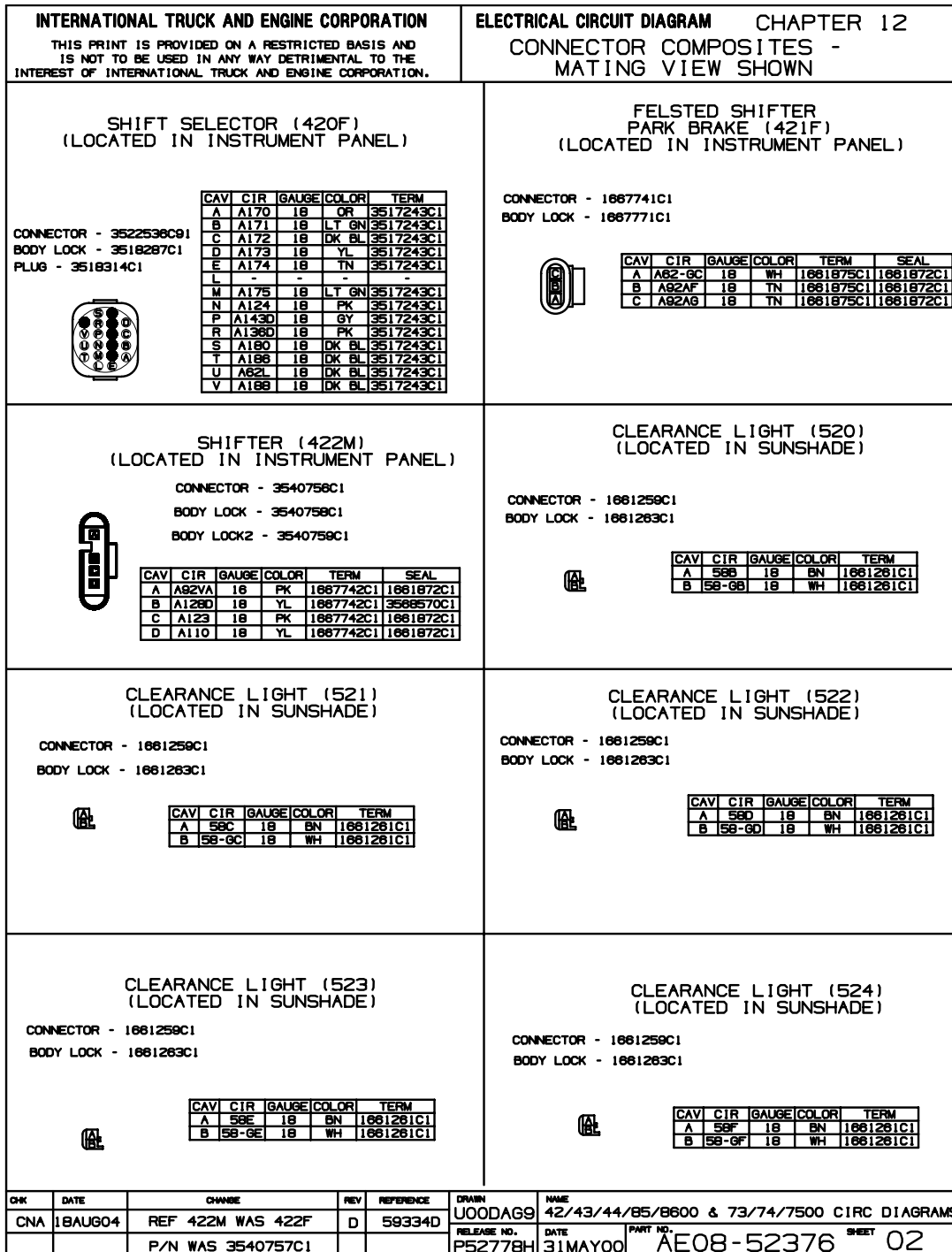


Figure 195 Connector Composites (420F), (421F), (422M), (520), (521), (522), (523), (524)

12.3. CONNECTOR COMPOSITES (734M), (1002), (1003), P. 3

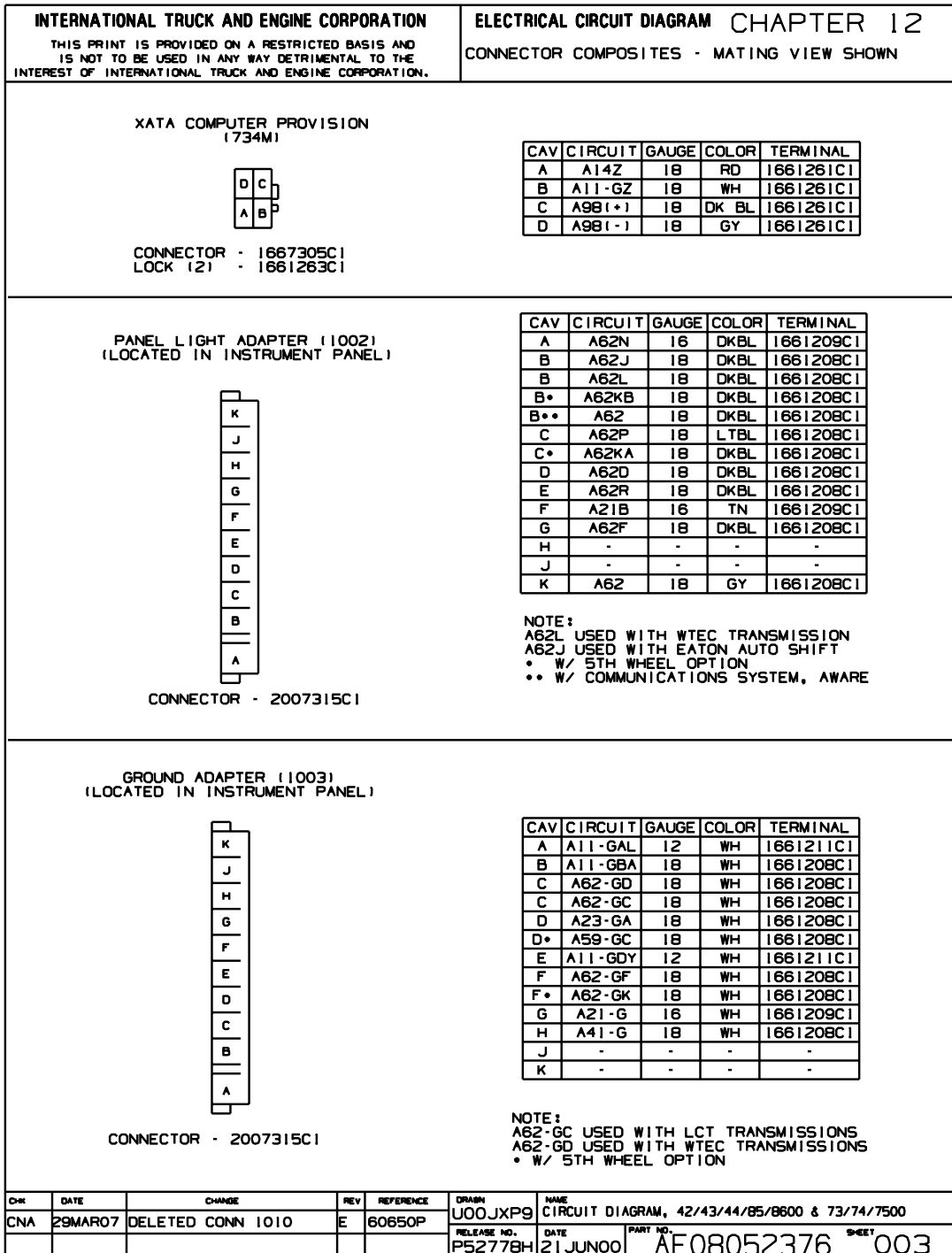


Figure 196 Connector Composites (734M), (1002), (1003)

12.4. CONNECTOR COMPOSITES (1005), (1006), (1008), (1009), P. 3A

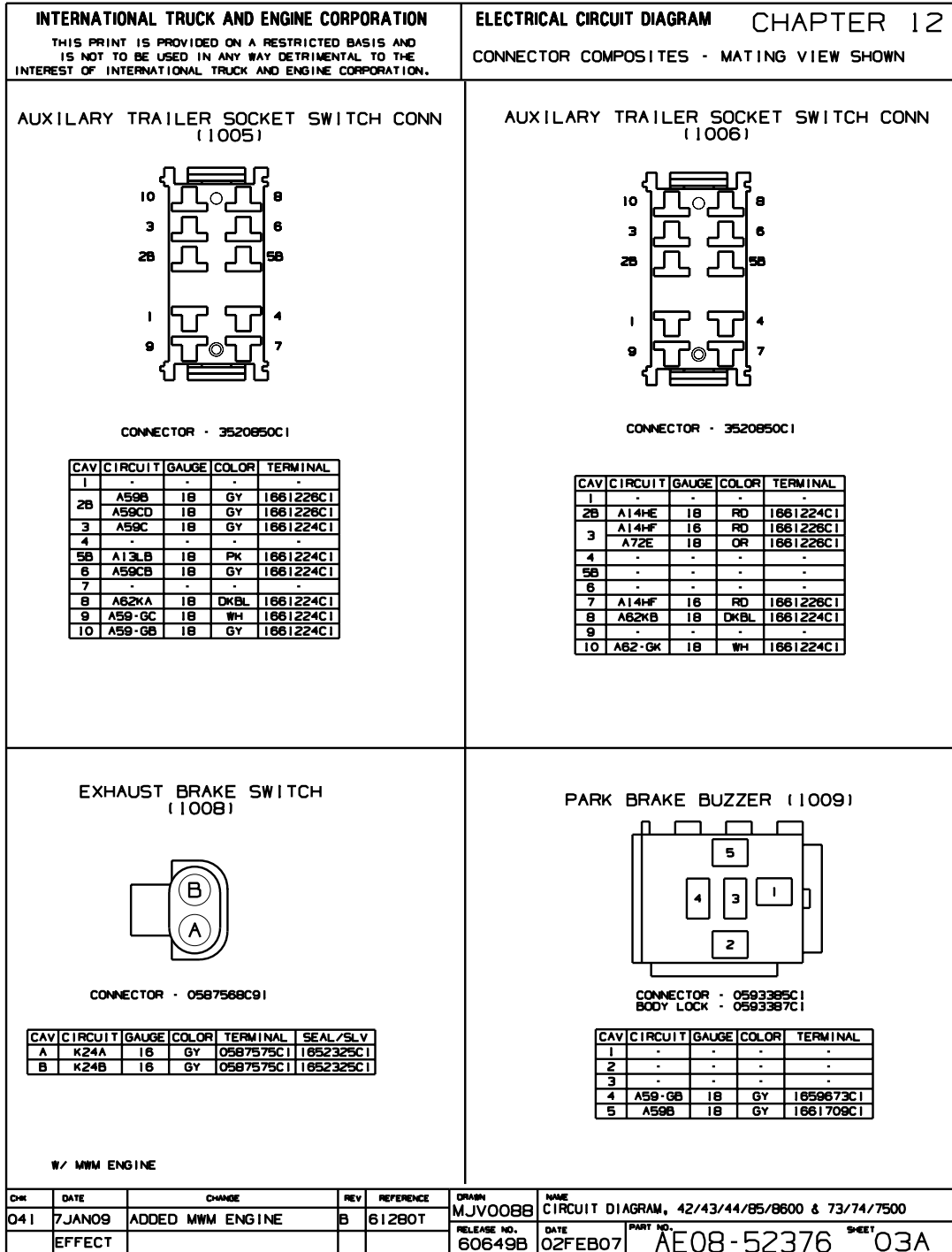


Figure 197 Connector Composites (1005), (1006), (1008), (1009)

12.5. CONNECTOR COMPOSITES (1007), (1008), (1010), P. 3B

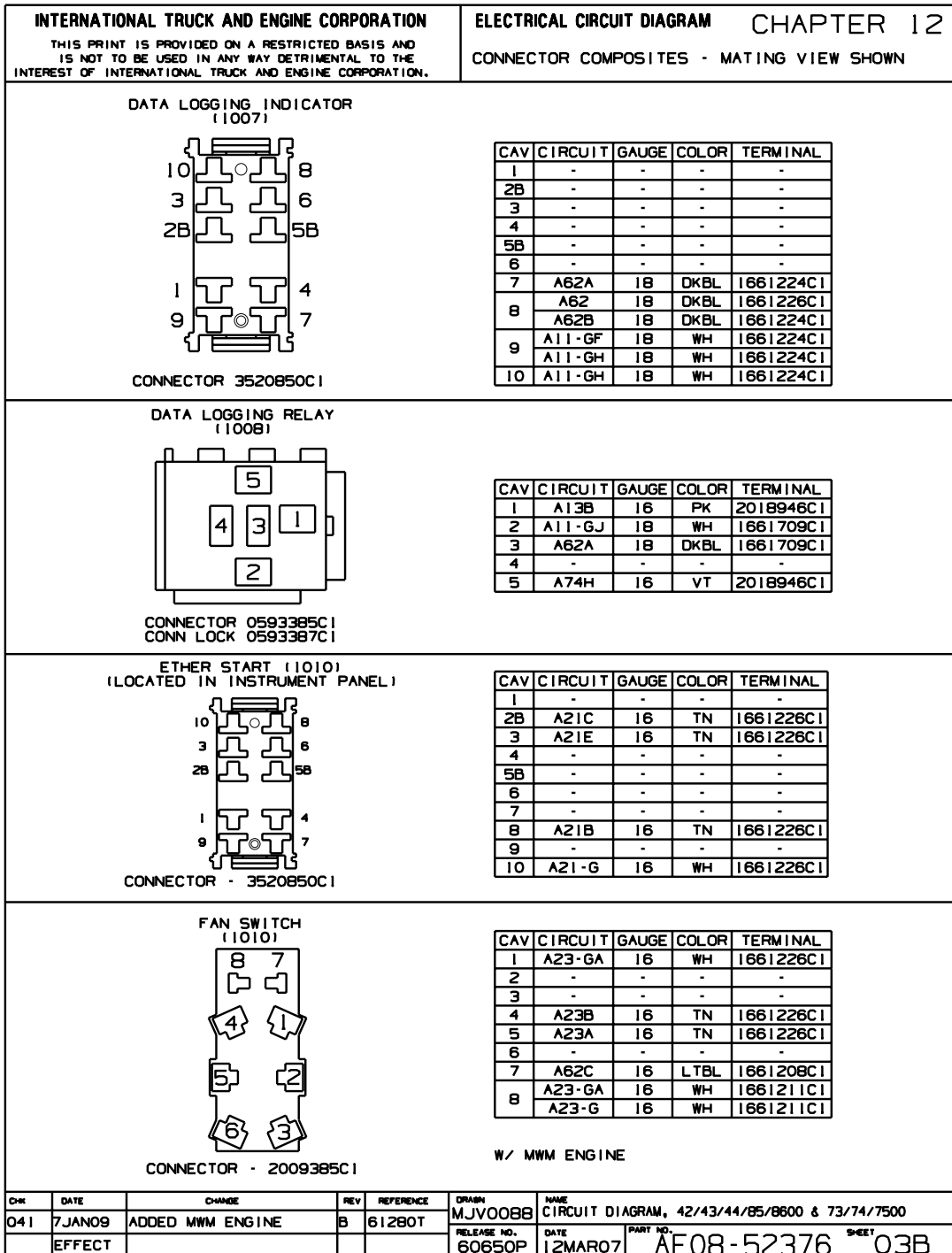


Figure 198 Connector Composites (1007), (1008), (1010)

12.6. CONNECTOR COMPOSITE (1011), P. 4

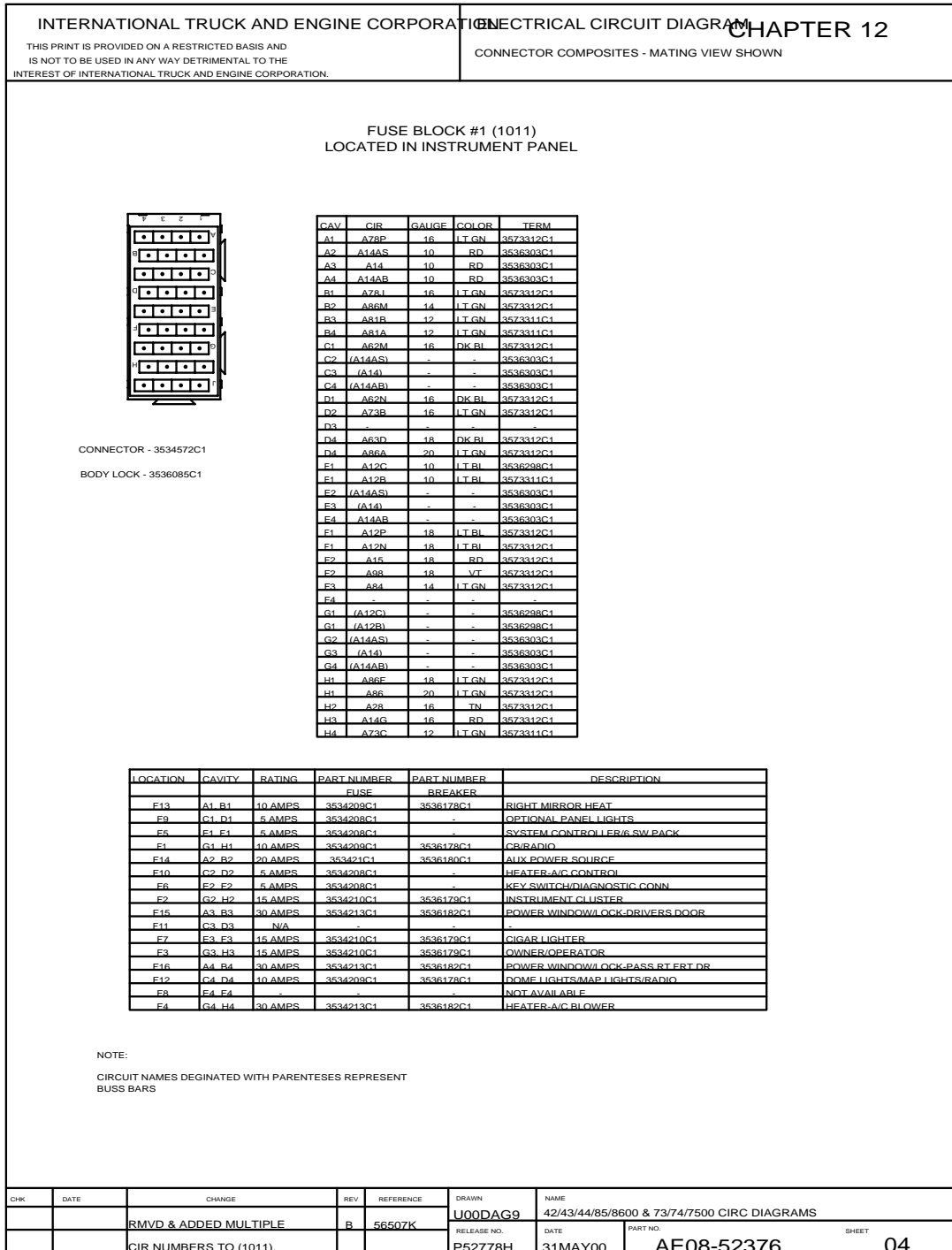


Figure 199 Connector Composite (1011)

12.7. CONNECTOR COMPOSITE (1012), P. 5

<p>INTERNATIONAL TRUCK AND ENGINE CORPORATION</p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12</p> <p>CONNECTOR COMPOSITES - MATING VIEW SHOWN</p>
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FUSE BLOCK #2 (1012)  
LOCATED IN INSTRUMENT PANEL

CAV	CIR	GAUGE	COLOR	TERM
A1	A13AJ	10	PK	3536303C1
A2	A13AJ	10	PK	3515516C1
A2	(A13AH)	-	-	3515516C1
A3	A92-GA	16	WH	3515517C1
A3*	A17JA	16	PK	3573312C1
A4	A13DE	16	PK	3515517C1
A4*	A24-GF	16	WH	3573312C1
B1	A41B	16	GY	3573312C1
B2	A99F	16	VT	3573311C1
B2#	A99F	16	PI	3573311C1
B2*	A17H	16	PK	3573312C1
B3*	A24-GF	16	WH	3573312C1
B4	-	-	-	-
C1	(A13AJ)	-	-	3536303C1
C2	(A13AH)	-	-	3515516C1
C3	A17C	16	PK	3536295C1
C4	A92DW	16	TN	3515517C1
C4*	A17H	16	PK	3573312C1
D1	A13B	16	PK	3573312C1
D2	A13HC	18	PK	3515517C1
D2	A13HC	16	PK	3573312C1
D3	A11-GAD	16	WH	3573311C1
D3	A11-GAF	16	WH	3573311C1
D4	A14AV	10	RD	3573311C1

CAV	CIR	GAUGE	COLOR	TERM
E1	(A13AJ)	-	-	3536303C1
E2	A13AH	10	PK	3515516C1
E3	-	-	-	-
E4	-	-	-	-
F1	A75C	18	LT GN	3536295C1
F1	A28A	16	TN	3536295C1
F2	A13AF	18	PK	3515517C1
F2	A75D	18	LT GN	3515517C1
F3	A13AG	10	PK	3573311C1
F4	A13AG	16	PK	3573312C1
G1	(A13AJ)	-	-	3536303C1
G2	A78M	16	LT GN	3573312C1
G3	A11-GAF	16	WH	3573312C1
G3*	A24-GE	16	WH	3573311C1
G4	A14AT	10	RD	3573311C1
G4#	A12B	10	LTBL	3573311C1
H1	A13DE	16	PK	3536295C1
H1	A92Y	16	TN	3536295C1
H1	A92VA	16	PK	3573312C1
H2	A78H	16	LT GN	3573312C1
H3	-	-	-	-
H4	-	-	-	-
J1	-	-	-	-
J2	-	0	-	-
J3	A12B	10	LT BL	3573311C1
J3#	A14AT	10	RD	3573311C1
J4	A12M	16	LT BL	3573312C1
J4#	A12	18	LT BL	3515517C1

\* W/ MWM ENGINE  
# W/ MXT

CONNECTOR - 3534572C1

BODY LOCK - 3536085C1

LOCATION	CAVITY	RATING	PART NUMBER	PART NUMBER	DESCRIPTION
			FUSE	BREAKER	
F23	A1_B1	5 AMPS	3534208C1	-	COMPASS/TEMP
F21	C1_D1	5 AMPS	3534208C1	-	OWNER/OPERATOR
F19	E1_E1	5 AMPS	3534208C1	-	INST CLUSTER/HTR-A/C CONTROLS
F17	G1_H1	10 AMPS	3534209C1	3536178C1	ALLISON I/C/FATON AUTOSHIFT-AUTOCLUTCH
F24	A2_B2	5 AMPS	3534208C1	-	ACCELERATOR/CLUTCH SW
F22	C2_D2	5 AMPS	3534208C1	-	HYD BRK MON/DRIVERS INFO CENTER
F20	E2_F2	5 AMPS	3534208C1	-	SYSTEM CONTROLLER & HVAC LPM
F18	G2_H2	10 AMPS	3534209C1	3536178C1	LEFT MIRROR HEAT

RELAY PIN #	CAVITY	PART NUMBER	RELAY DESCRIPTION
85, 86, 30, 87, 87a			
D3, F4, D4, E3, E3		3519350C1	IGNITION
G3, J4, G4, J3, H3		3519350C1	ACCESSORY
A3, C4, A4, C3, B3		3519350C1	AUTO SHIFT

NOTE:  
CIRCUIT NAMES DESIGNATED WITH PARENTHESES REPRESENT BUSS BARS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	31MAR09	ADDED MXT EFFECTS	E	61817B	U00DAG9	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO. P52778H	DATE 31MAY00 PART NO. AE08052376 SHEET 005

Figure 200 Connector Composite (1012)

12.8. CONNECTOR COMPOSITE (1013), P. 6

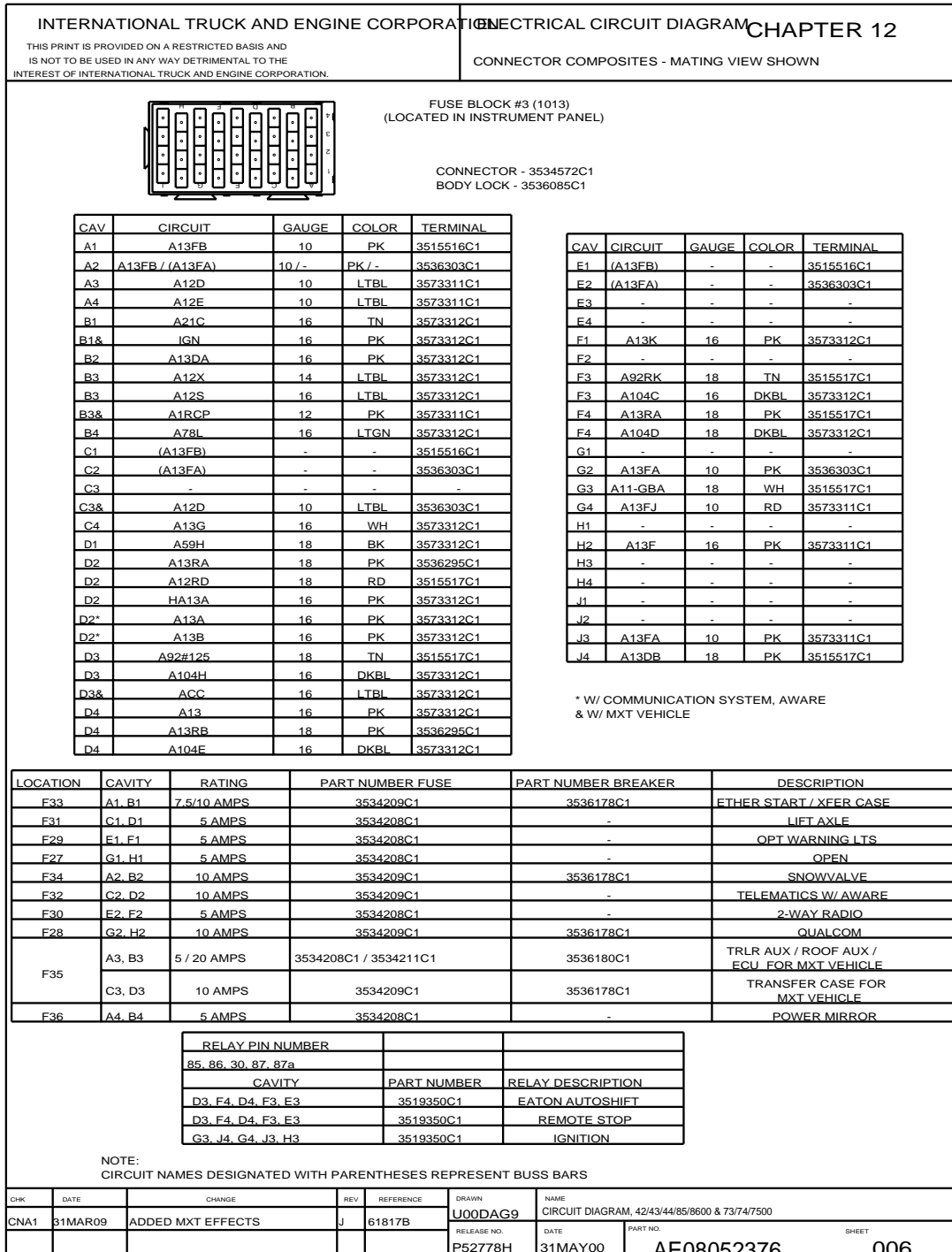


Figure 201 Connector Composite (1013)



12.9. CONNECTOR COMPOSITE (1014), P. 7

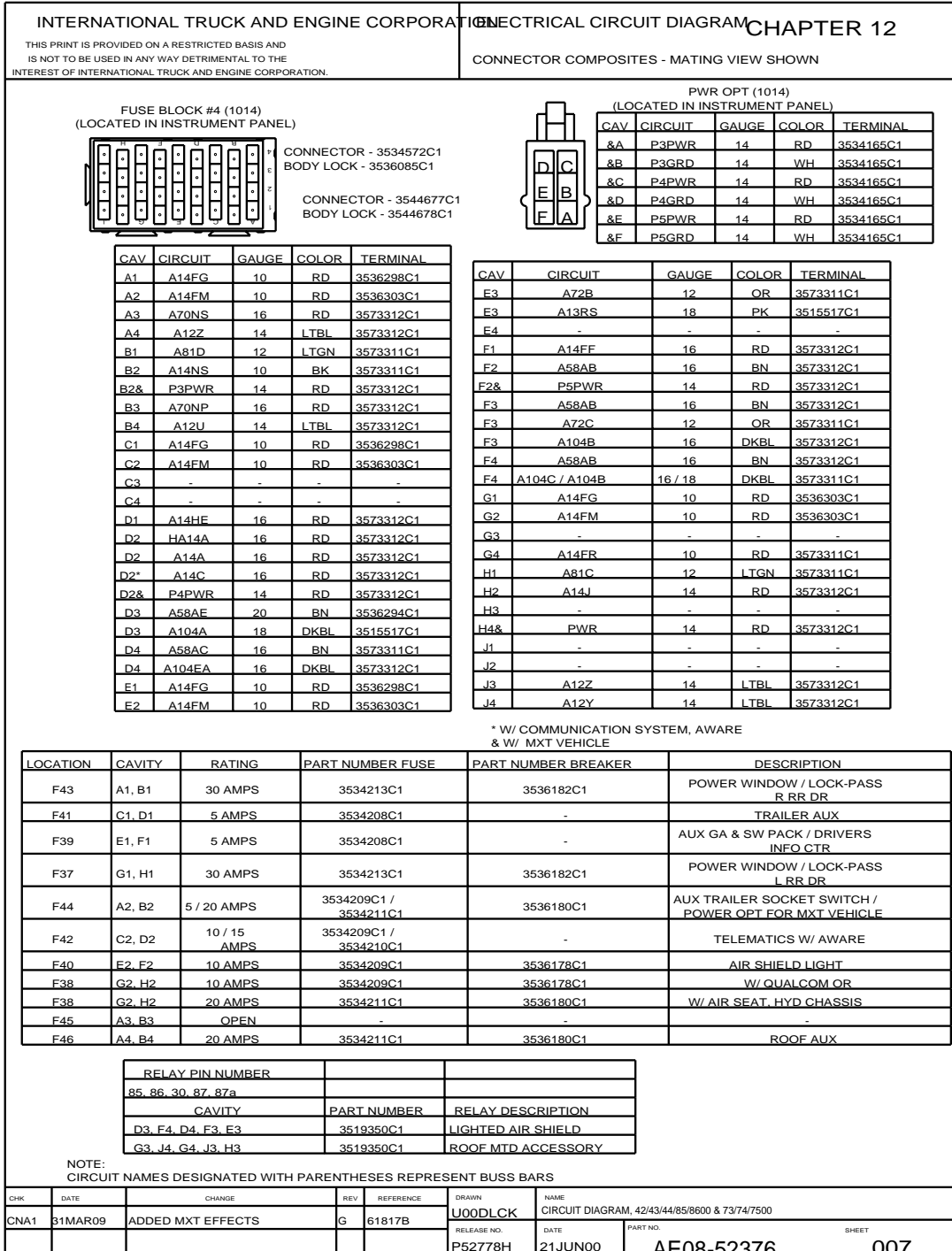


Figure 202 Connector Composite (1014)

12.10. CONNECTOR COMPOSITES (1016), (1018), (1019), (1019F), (1019M), (1020M), P. 8

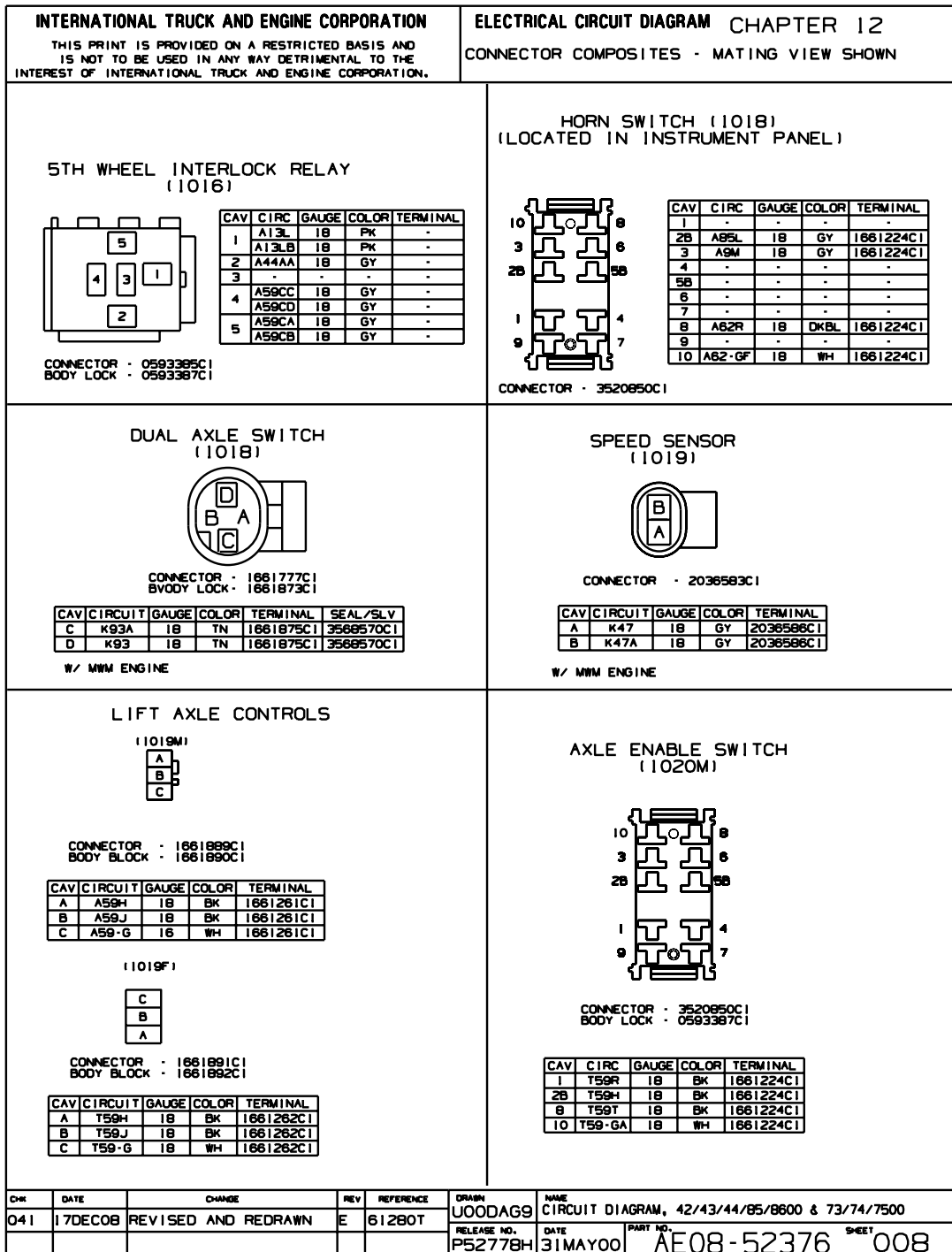


Figure 203 Connector Composites (1016), (1018), (1019), (1019F), (1019M), (1020M)

12.11. CONNECTOR COMPOSITES (1020), (1021M), (1022M), P. 8A

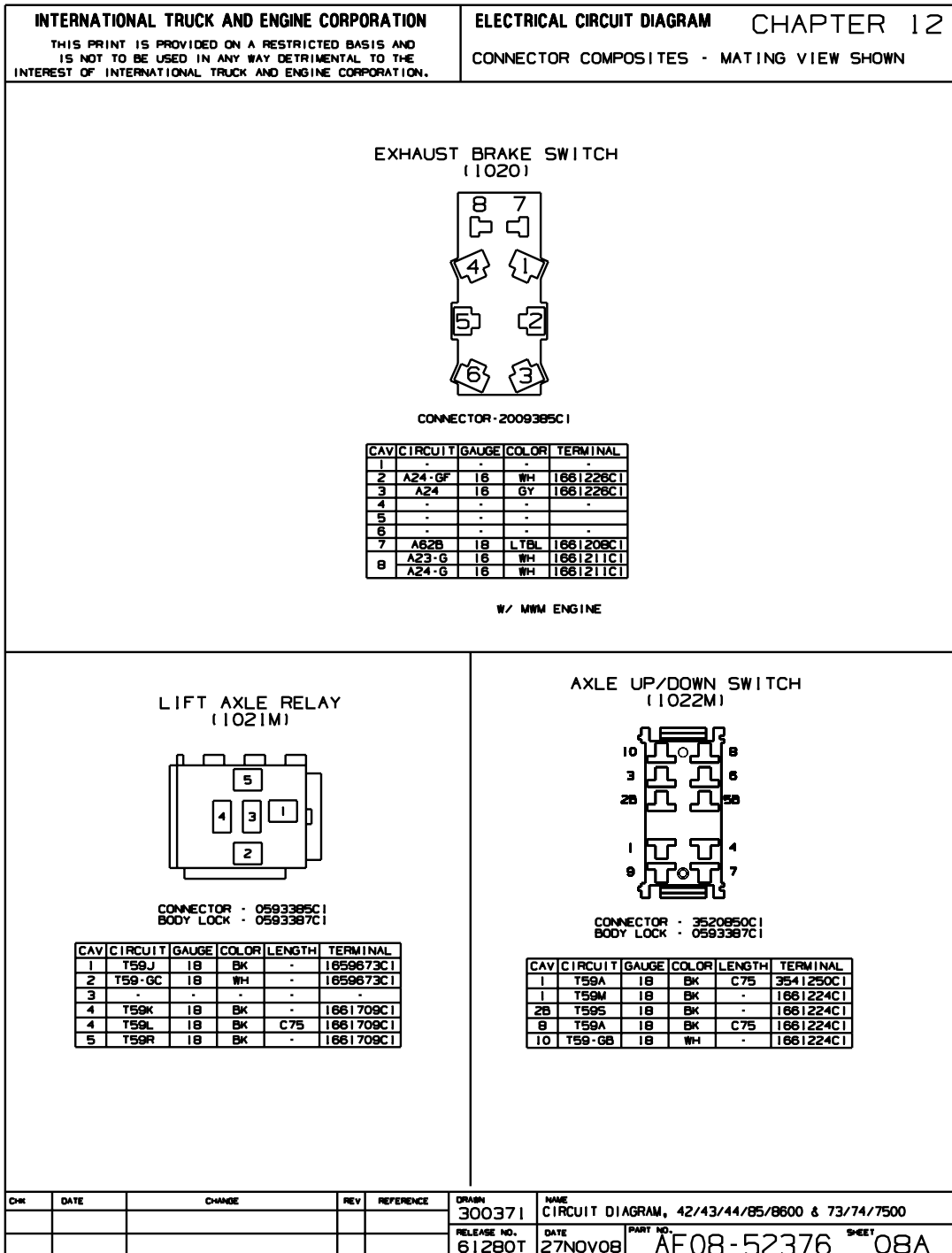


Figure 204 Connector Composites (1020), (1021M), (1022M)

12.12. CONNECTOR COMPOSITES (1027M, F), (1040), (1100), (1101A), (1101), (1102),  
P. 9

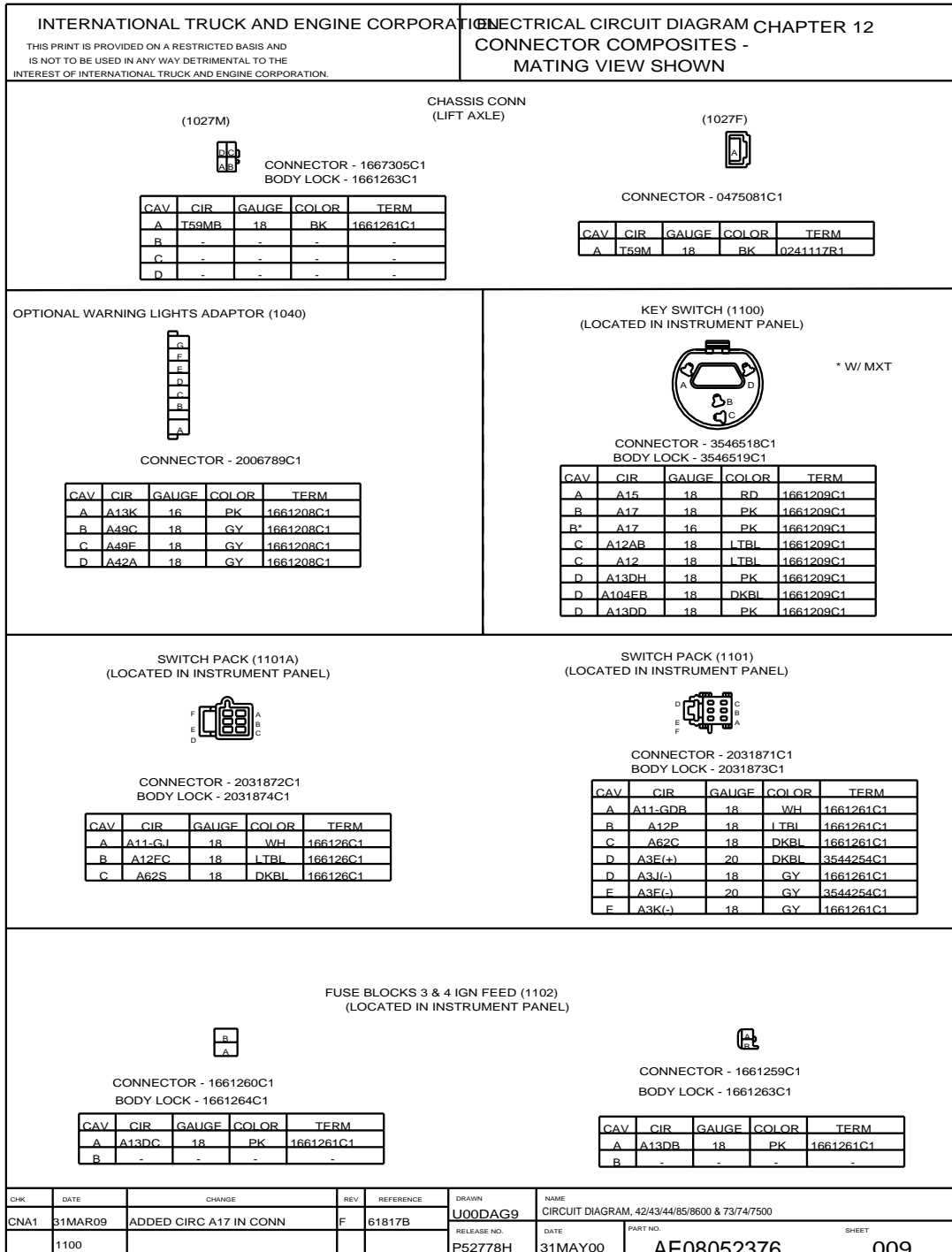


Figure 205 Connector Composites (1027M, F), (1040), (1100), (1101A), (1101), (1102)

12.13. CONNECTOR COMPOSITES (1104), (1105M), (1106), (1200), (1210), (1240), P. 10

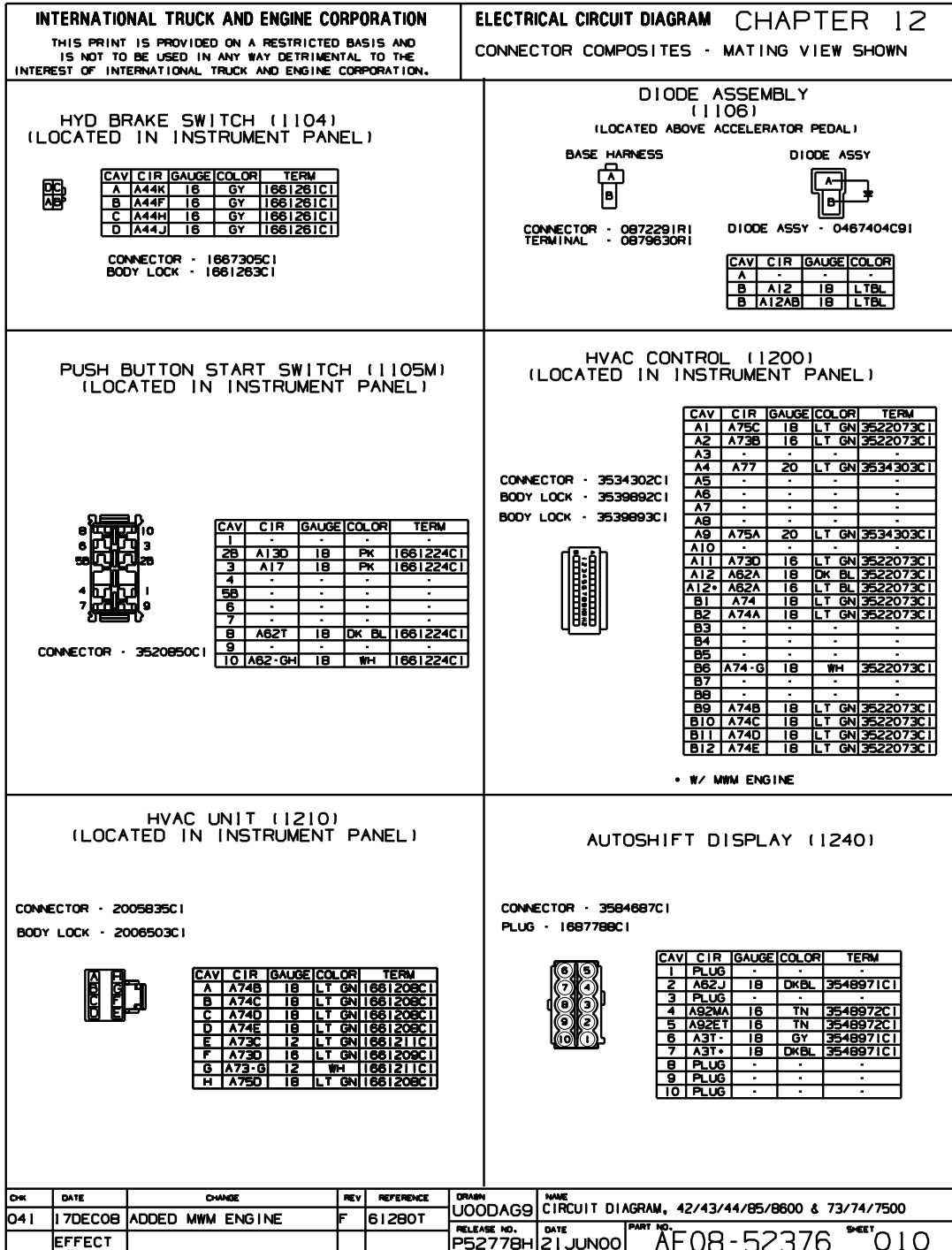


Figure 206 Connector Composites (1104), (1105M), (1106), (1200), (1210), (1240)

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

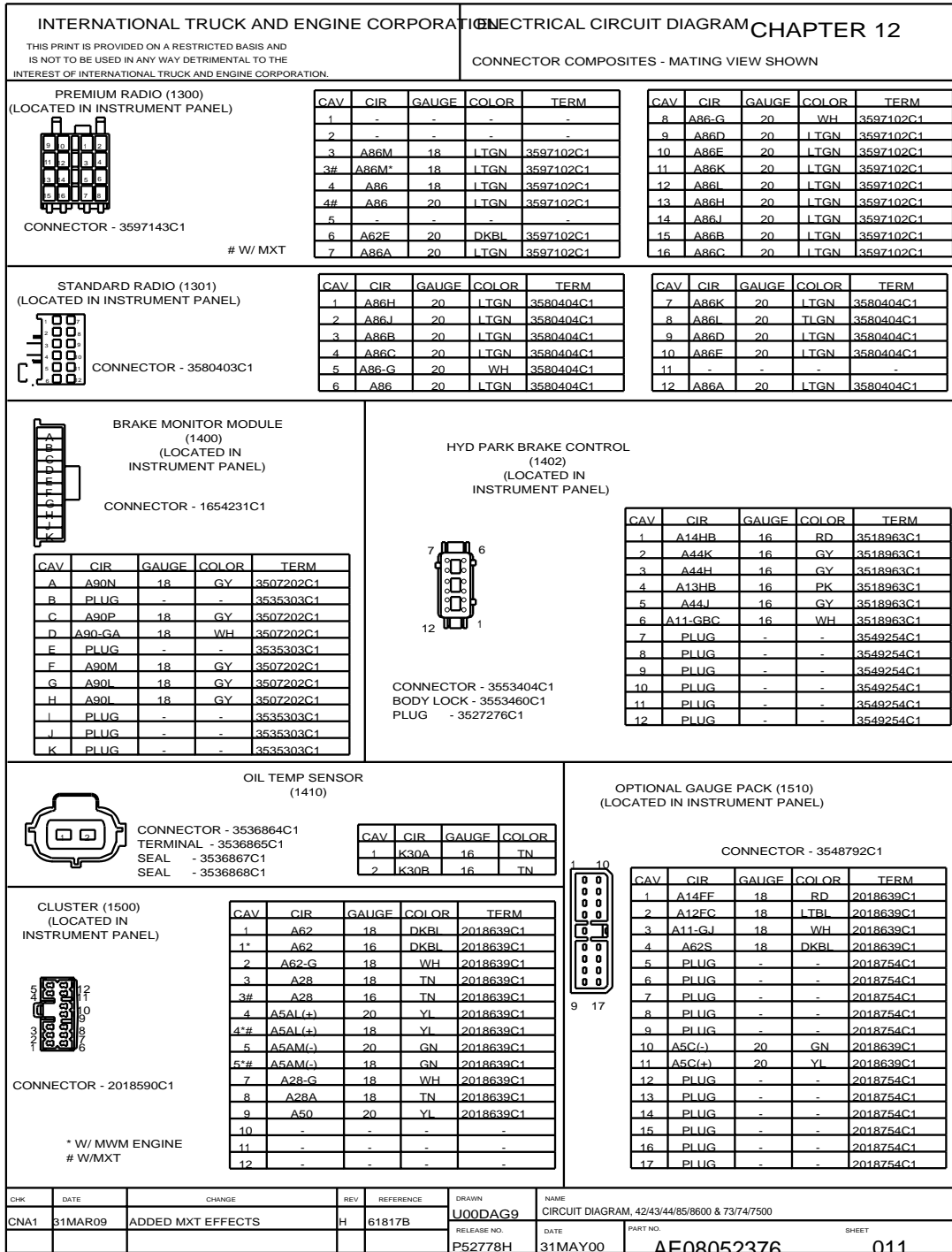


Figure 207 Connector Composites (1300), (1301), (1400), (1402), (1410), (1500), (1510)

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

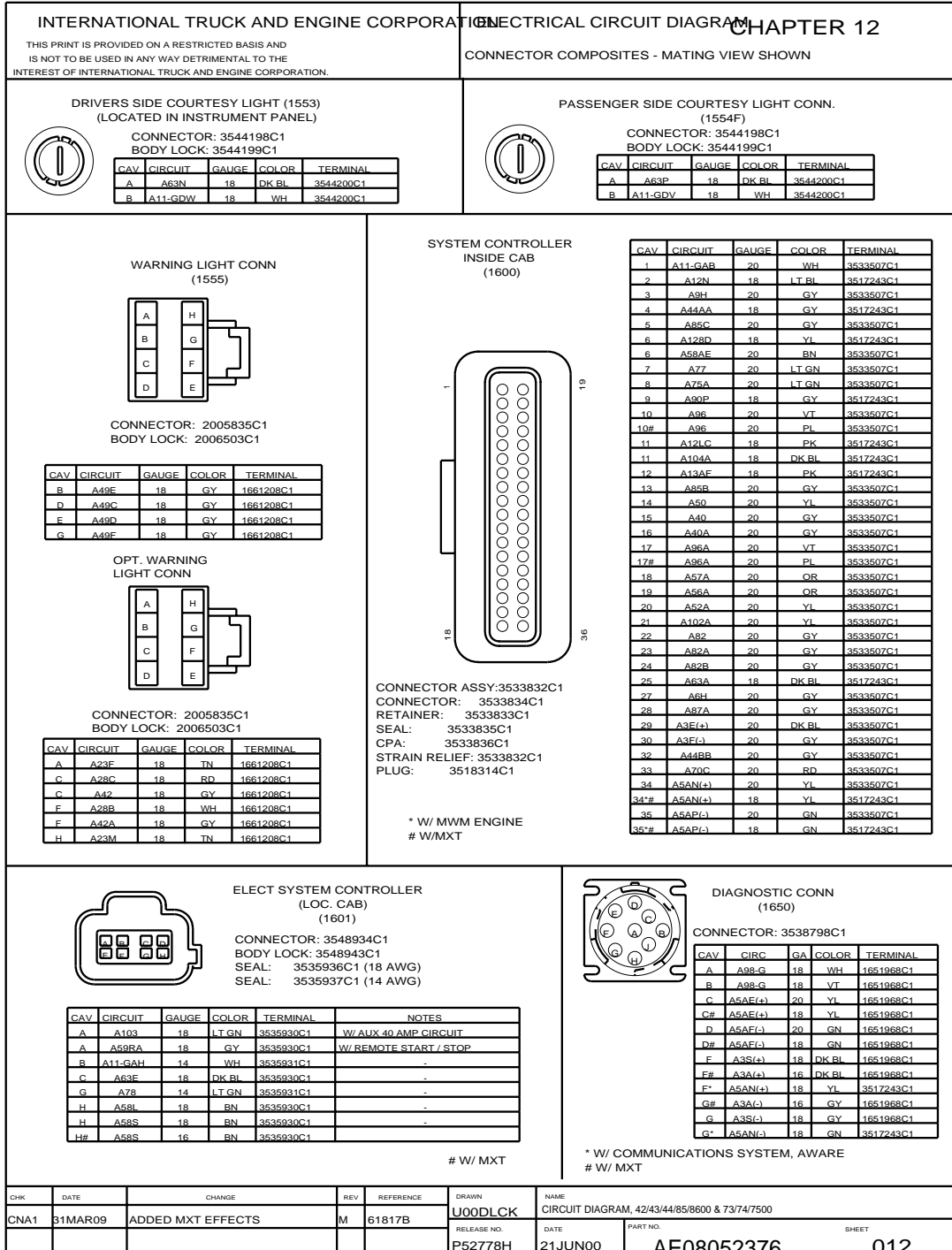
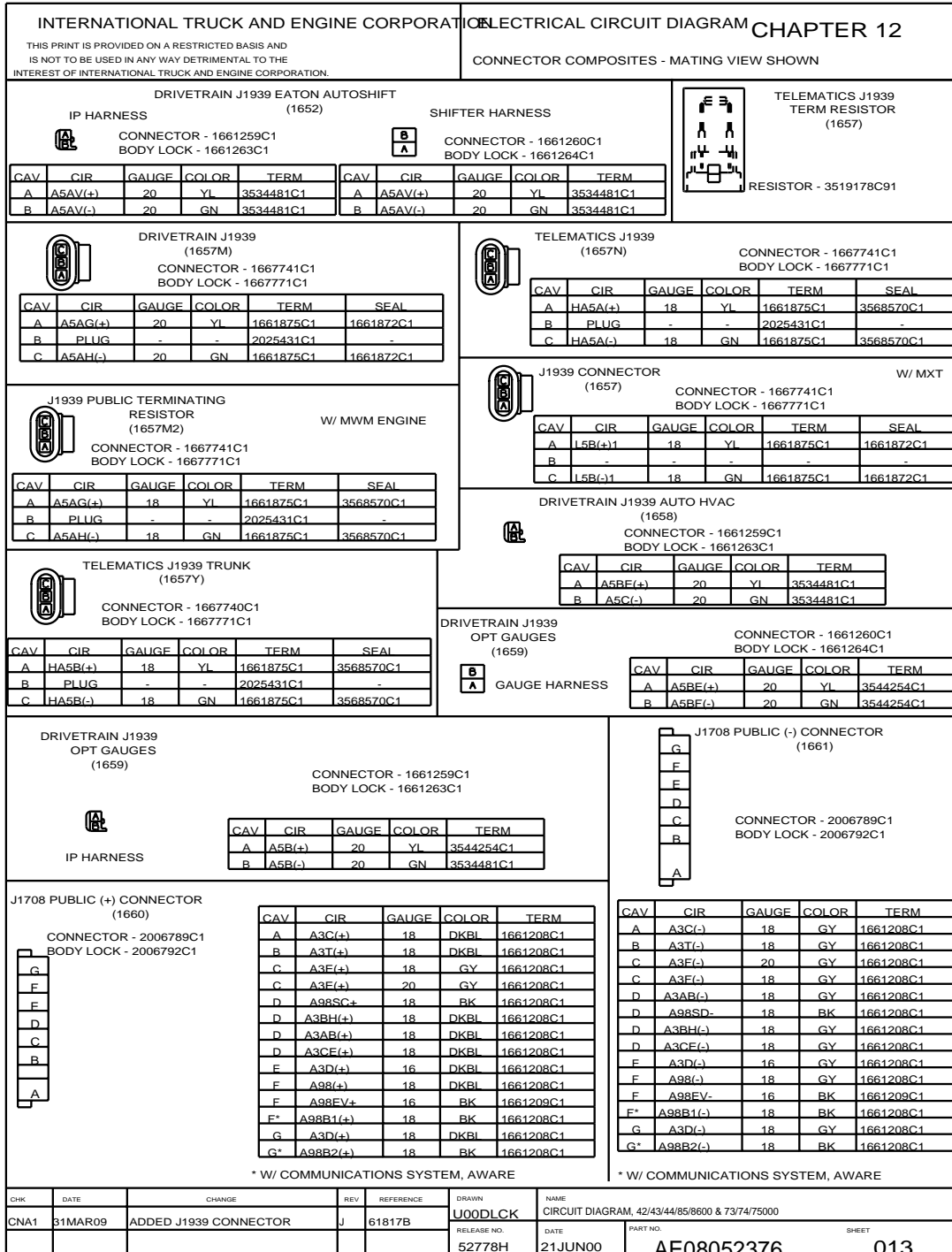


Figure 208 Connector Composites (1553), (1554F), (1555), (1600), (1601), (1650)

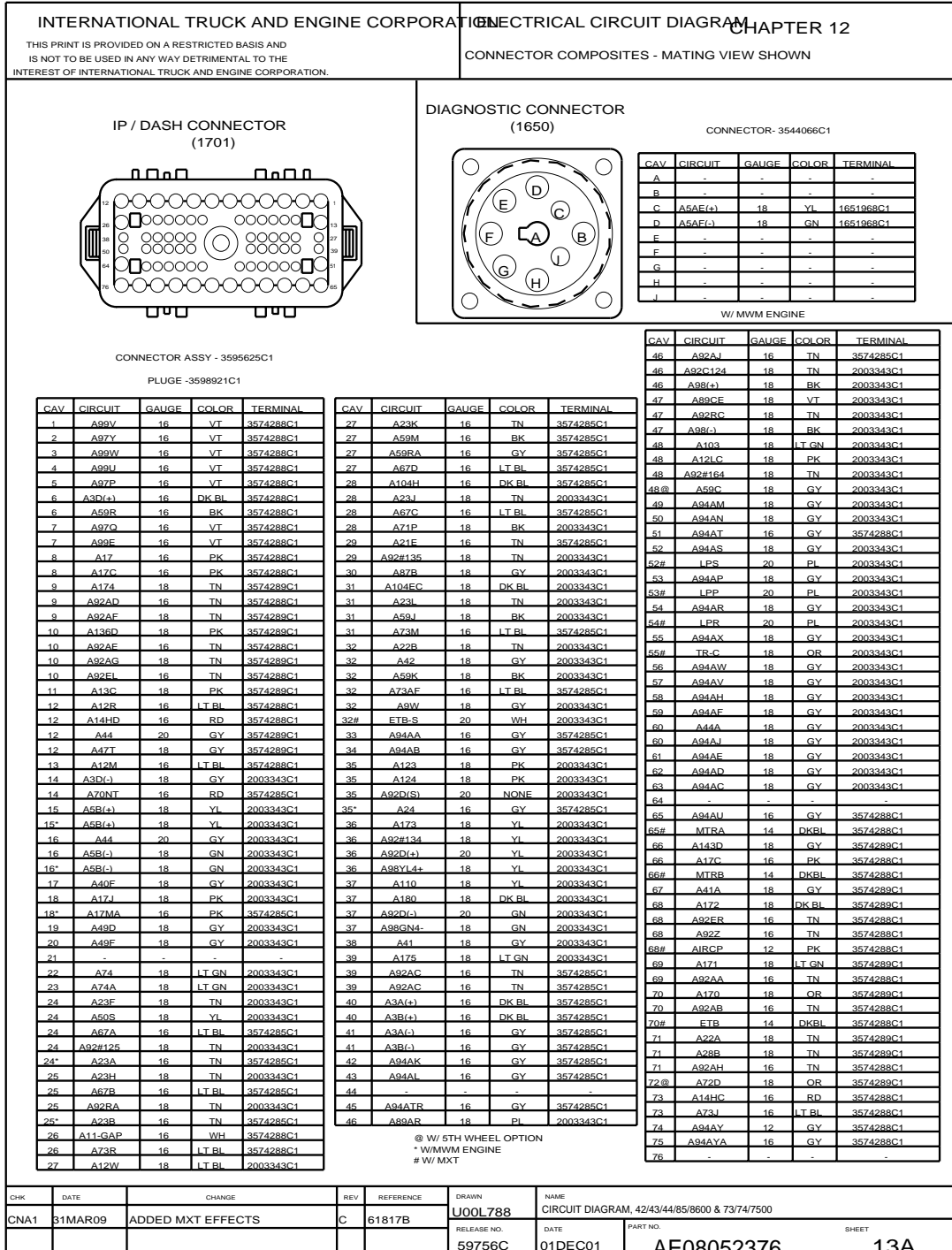
**12.16. CONNECTOR COMPOSITES (1652), (1657), (1657M), (1657M2), (1657N), (1657Y), (1658), (1659), (1660), (1661), P. 13**



**Figure 209 Connector Composites (1652), (1657), (1657M), (1657M2), (1657N), (1657Y), (1658), (1659), (1660), (1661)**



12.17. CONNECTOR COMPOSITES (1650), (1701), P. 13A



12.18. CONNECTOR COMPOSITE (1701), P. 13B

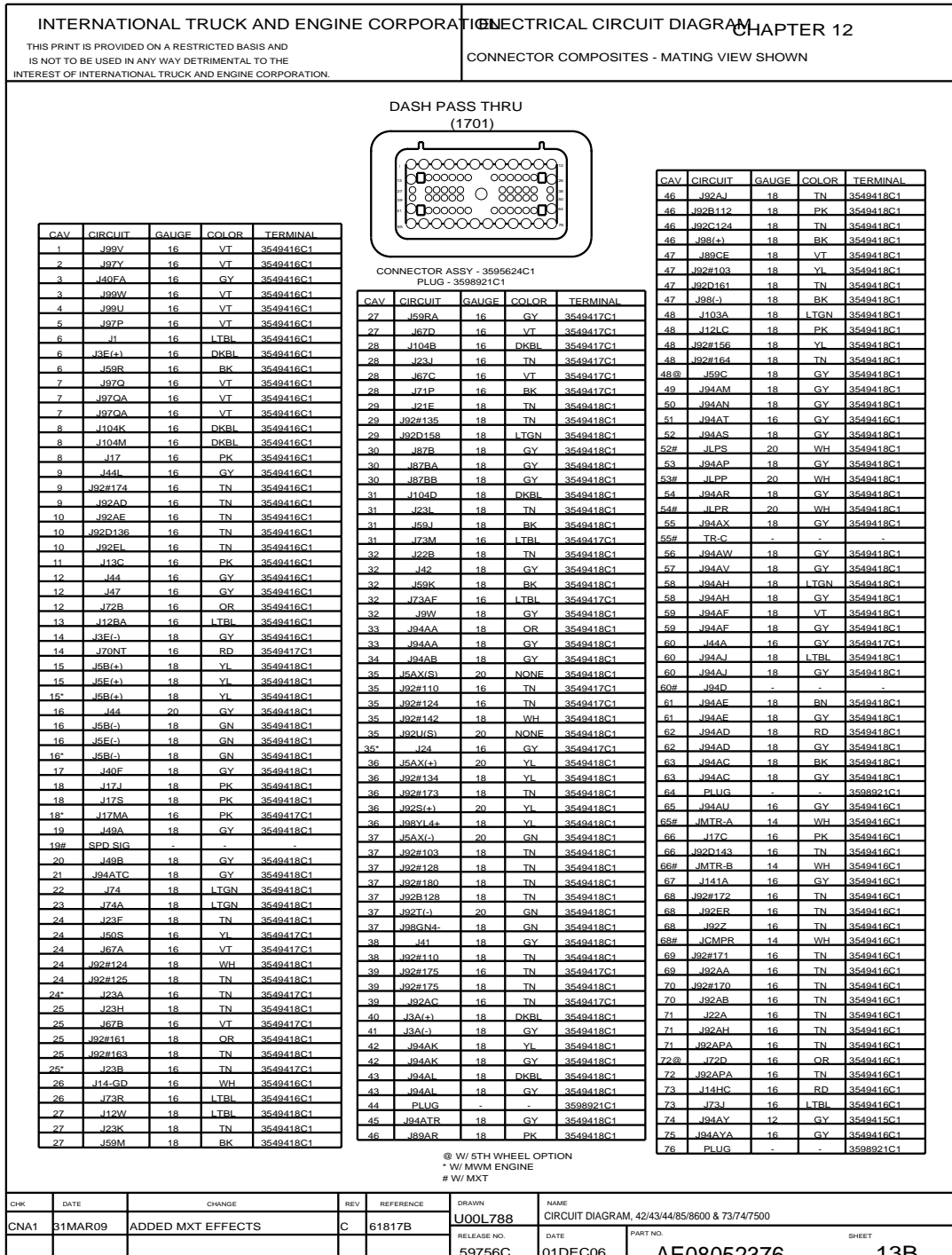


Figure 211 Connector Composite (1701)

12.19. CONNECTOR COMPOSITES (1703), (1800), (1804), (1807), (1808), (1809), (1810), (1811), (1812), (1813), (1814), (1815), P. 14

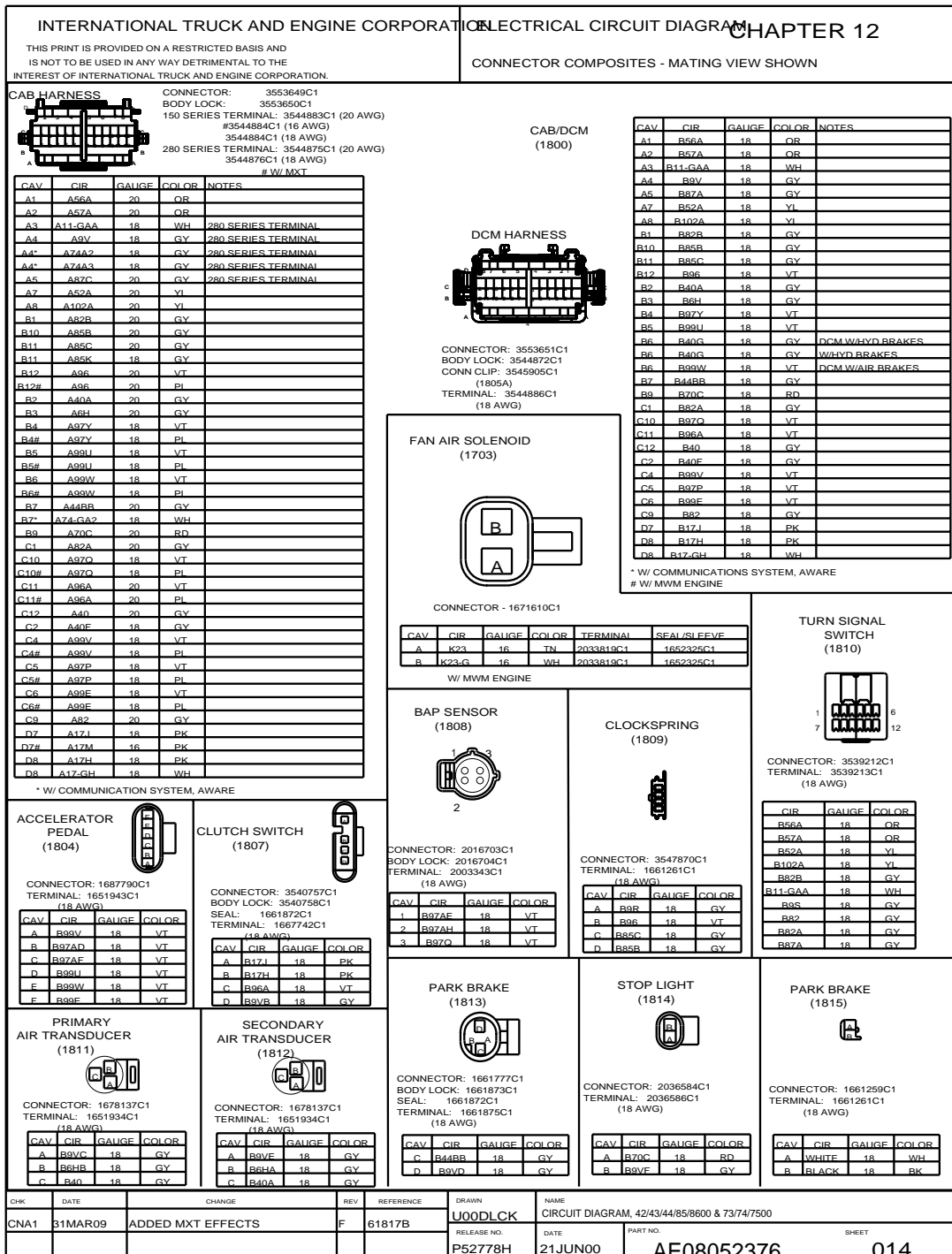


Figure 212 Connector Composites (1703), (1800), (1804), (1807), (1808), (1809), (1810), (1811), (1812), (1813), (1814), (1815)

**12.20. CONNECTOR COMPOSITES (1820), (1822), (1823), (1824), (1828), (1852), (1860), P. 15**

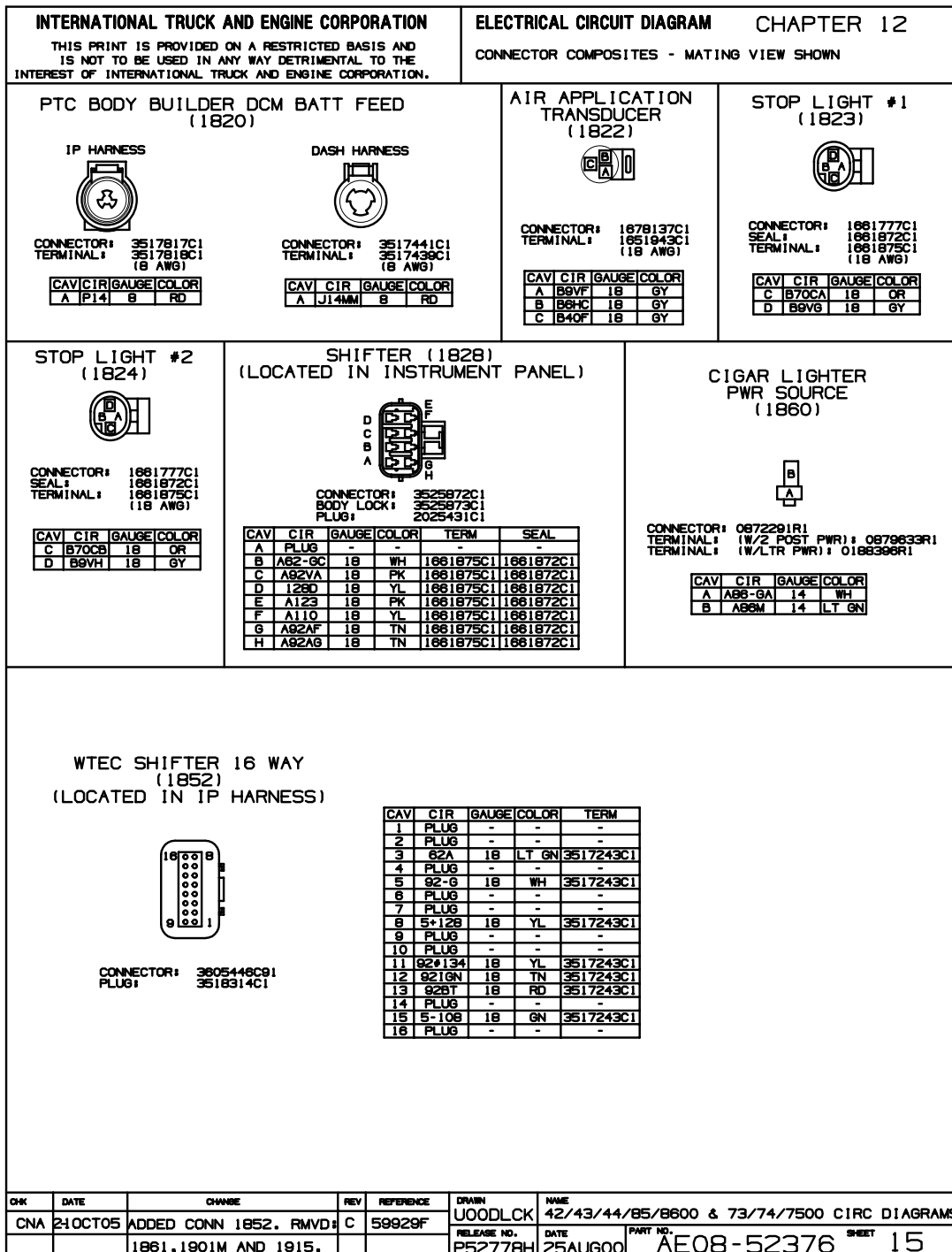


Figure 213 Connector Composites (1820), (1822), (1823), (1824), (1828), (1852), (1860)

12.21. CONNECTOR COMPOSITES (1861), (1901M), (1905), (1906), (1915), P. 15A

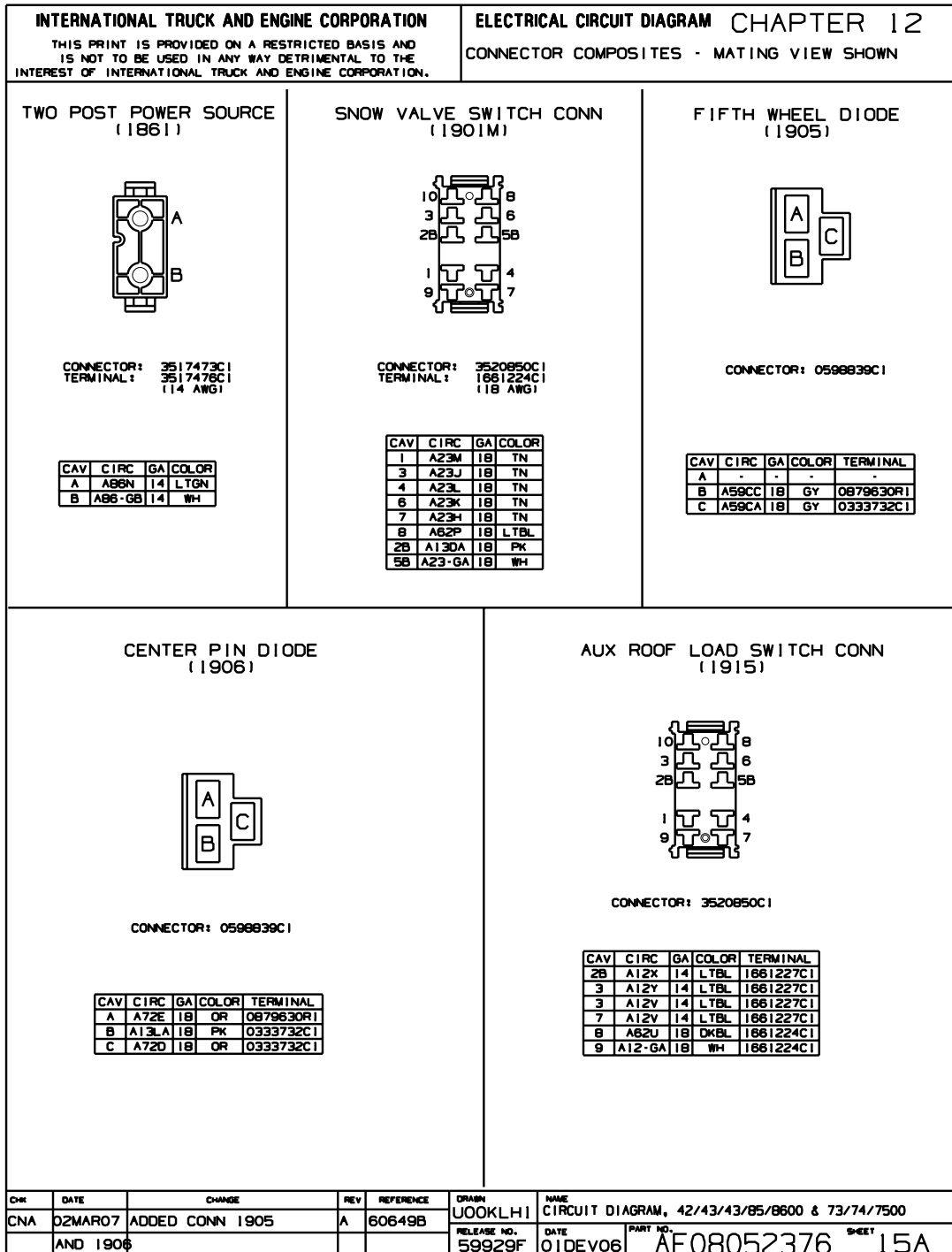


Figure 214 Connector Composites (1861), (1901M), (1905), (1906), (1915)

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

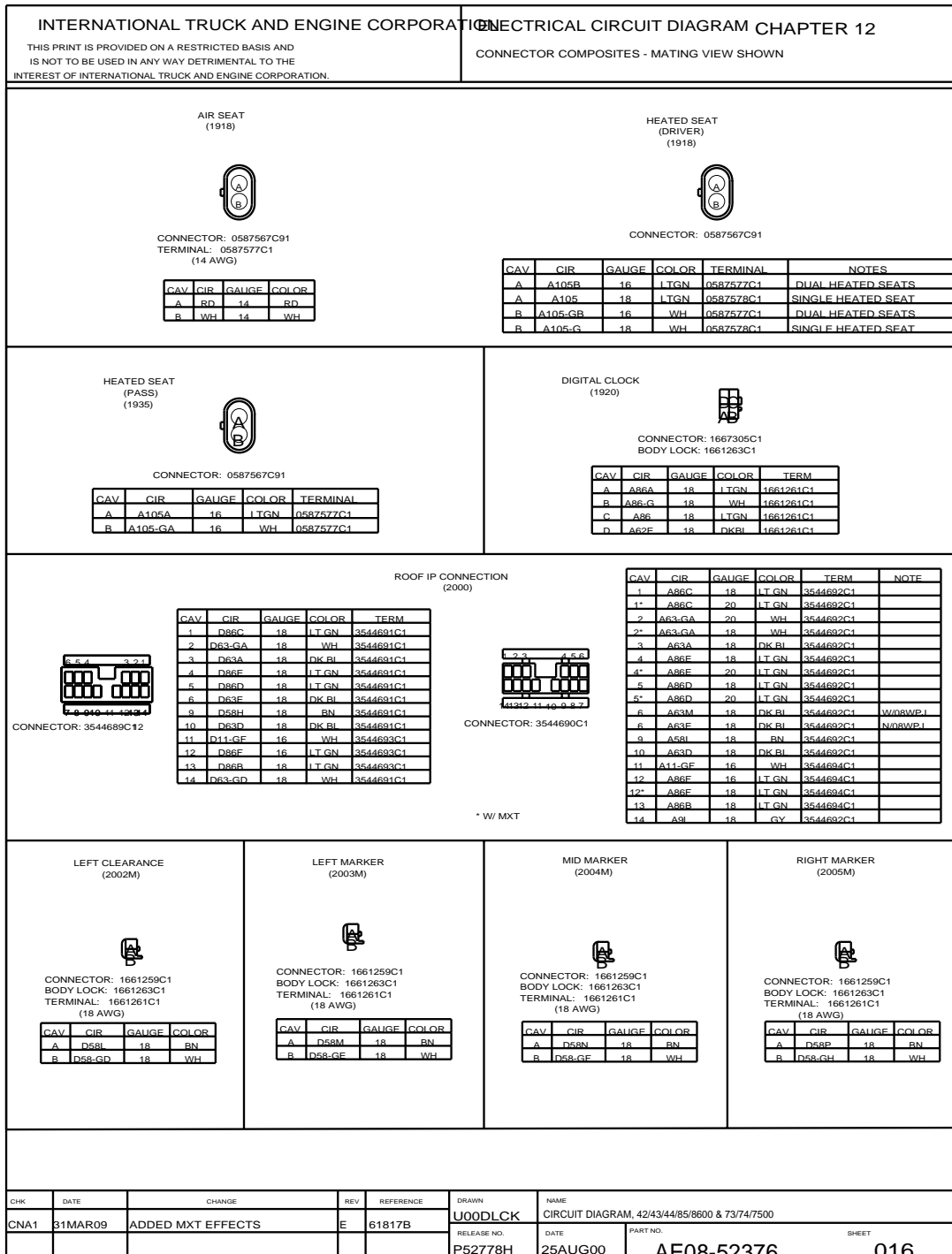


Figure 215 Connector Composites (1918), (1935), (1920), (2000), (2002M), (2003M), (2004M), (2005M)

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















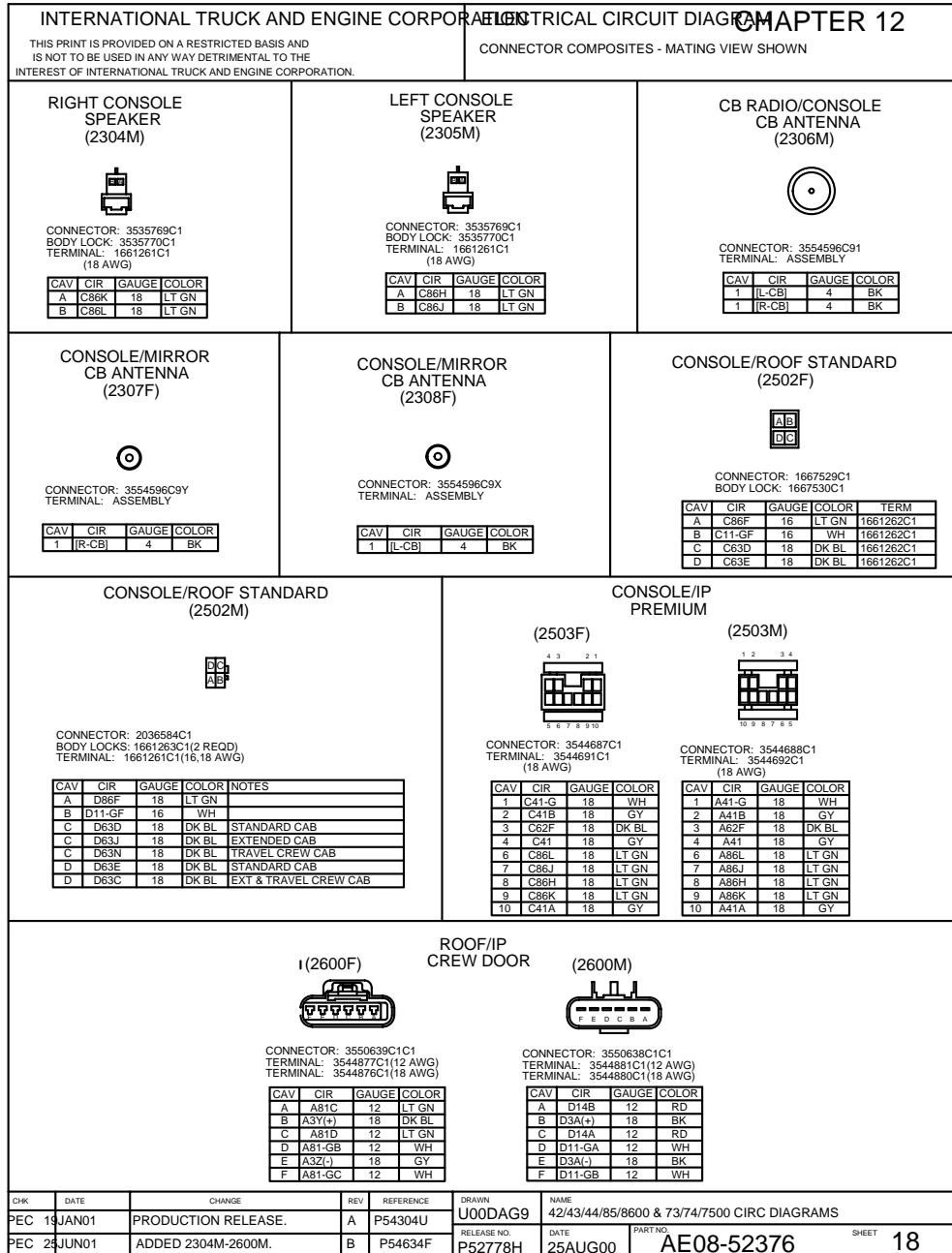
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																													
<p><b>RIGHT CLEARANCE (2006M)</b></p>  <p>CONNECTOR:1661259C1 BODY LOCK:1661263C1 TERMINAL:1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D58R</td><td>18</td><td>BN</td></tr> <tr><td>B</td><td>D58-GJ</td><td>18</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D58R	18	BN	B	D58-GJ	18	WH	<p><b>SUNSHADE (2007F)</b></p>  <p>CONNECTOR:1661260C1 BODY LOCK:1661264C1 TERMINAL:1661262C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D58T</td><td>18</td><td>BN</td></tr> <tr><td>B</td><td>D58-GL</td><td>18</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D58T	18	BN	B	D58-GL	18	WH	<p><b>AUX ROOF/IP CONNECTION (2021F)</b></p>  <p>CONNECTOR:3554818C1 BODY LOCK:3554821C1 TERMINAL:3534167C1 (14AWG) TERMINAL:1661212C1 (18AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D58W</td><td>14</td><td>BN</td></tr> <tr><td></td><td>BK</td><td>18</td><td>BK</td></tr> <tr><td>B</td><td>D58-GW</td><td>14</td><td>WH</td></tr> <tr><td></td><td>WH</td><td>18</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D58W	14	BN		BK	18	BK	B	D58-GW	14	WH		WH	18	WH	<p><b>IP/AUX ROOF CONNECTION (2021M)</b></p>  <p>CONNECTOR:3554817C1 BODY LOCK:3554820C1 TERMINAL:3534165C1 (14AWG) TERMINAL:3534164C1 (18AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>A12U</td><td>14</td><td>LTBL</td></tr> <tr><td></td><td>A58AD</td><td>18</td><td>BN</td></tr> <tr><td>B</td><td>A12-GB</td><td>14</td><td>WH</td></tr> <tr><td></td><td>A11-GHF</td><td>18</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	A12U	14	LTBL		A58AD	18	BN	B	A12-GB	14	WH		A11-GHF	18	WH																												
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<p><b>RIGHT DOOR DOME SWITCH (2111M)</b></p>  <p>CONNECTOR:2036584C1 TERMINAL:2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63B</td><td>18</td><td>DKBL</td></tr> <tr><td>B</td><td>D6N</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63B	18	DKBL	B	D6N	18	GY	<p><b>LEFT DOOR DOME SWITCH (2112M)</b></p>  <p>CONNECTOR:2036584C1 TERMINAL:2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>NOTES</th></tr> <tr><td>A</td><td>D63H</td><td>18</td><td>DKBL</td><td></td></tr> <tr><td></td><td>D63A</td><td>18</td><td>DKBL</td><td>PTC</td></tr> <tr><td>B</td><td>D9D</td><td>18</td><td>GY</td><td></td></tr> <tr><td></td><td>D9L</td><td>18</td><td>GY</td><td>PTC</td></tr> </table>	CAV	CIR	GAUGE	COLOR	NOTES	A	D63H	18	DKBL			D63A	18	DKBL	PTC	B	D9D	18	GY			D9L	18	GY	PTC	<p><b>RIGHT CREW DOOR DOME SWITCH (2113M)</b></p>  <p>CONNECTOR:2036584C1 TERMINAL:2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63J</td><td>18</td><td>DKBL</td></tr> <tr><td>B</td><td>D9W</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63J	18	DKBL	B	D9W	18	GY	<p><b>LEFT CREW DOOR DOME SWITCH (2114M)</b></p>  <p>CONNECTOR:2036584C1 TERMINAL:2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63K</td><td>18</td><td>DKBL</td></tr> <tr><td>B</td><td>D9Y</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63K	18	DKBL	B	D9Y	18	GY																															
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A	D63K	18	DKBL																																																																																												
B	D9Y	18	GY																																																																																												
<p><b>REAR DOME LIGHT (2115M)</b></p>  <p>CONNECTOR:1661889C1 BODY LOCK:1661890C1 TERMINAL:1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D63L</td><td>18</td><td>DKBL</td></tr> <tr><td>B</td><td>D63-GH</td><td>18</td><td>WH</td></tr> <tr><td>C</td><td>D63K</td><td>18</td><td>DKBL</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D63L	18	DKBL	B	D63-GH	18	WH	C	D63K	18	DKBL	<p><b>DOME LAMP (2116M)</b></p>  <p>CONNECTOR:3536187C1 BODY LOCK:1661890C1 TERMINAL:1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>NOTES</th></tr> <tr><td>A</td><td>D63D</td><td>18</td><td>DKBL</td><td></td></tr> <tr><td>B</td><td>D63-GE</td><td>18</td><td>WH</td><td>W/DUAL CB</td></tr> <tr><td></td><td>C11-GF</td><td>18</td><td>WH</td><td>W/O CB</td></tr> <tr><td>C</td><td>C63E</td><td>18</td><td>DKBL</td><td></td></tr> </table>	CAV	CIR	GAUGE	COLOR	NOTES	A	D63D	18	DKBL		B	D63-GE	18	WH	W/DUAL CB		C11-GF	18	WH	W/O CB	C	C63E	18	DKBL		<p><b>DOME/READING LIGHT COMPASS/TEMP UNIT (2117M)</b></p>  <p>CONNECTOR:3515762C1 BODY LOCK:3515764C1-2 TERMINAL:1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>C41-G</td><td>18</td><td>WH</td></tr> <tr><td>B</td><td>C63-GE</td><td>18</td><td>WH</td></tr> <tr><td>C</td><td>C63D</td><td>18</td><td>DKBL</td></tr> <tr><td>D</td><td>C41B</td><td>18</td><td>GY</td></tr> <tr><td>E</td><td>C62F</td><td>18</td><td>DKBL</td></tr> <tr><td>F</td><td>C63E</td><td>18</td><td>DKBL</td></tr> <tr><td>G</td><td>C41</td><td>18</td><td>GY</td></tr> <tr><td>H</td><td>C41A</td><td>18</td><td>GY</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	C41-G	18	WH	B	C63-GE	18	WH	C	C63D	18	DKBL	D	C41B	18	GY	E	C62F	18	DKBL	F	C63E	18	DKBL	G	C41	18	GY	H	C41A	18	GY	<p><b>RIGHT REAR SPEAKER (2301M)</b></p>  <p>CONNECTOR:3535769C1 TERMINAL:3535770C1</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <tr><td>A</td><td>D66D</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>D66E</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> </table>	CAV	CIR	GAUGE	COLOR	TERM	A	D66D	18	LTGN	1661261C1	B	D66E	18	LTGN	1661261C1
CAV	CIR	GAUGE	COLOR																																																																																												
A	D63L	18	DKBL																																																																																												
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E	C62F	18	DKBL																																																																																												
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CAV	CIR	GAUGE	COLOR	TERM																																																																																											
A	D66D	18	LTGN	1661261C1																																																																																											
B	D66E	18	LTGN	1661261C1																																																																																											
<p><b>LEFT REAR SPEAKER (2302M)</b></p>  <p>CONNECTOR:3535769C1 TERMINAL:3535770C1 TERMINAL:1661261C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>D66B</td><td>18</td><td>LTGN</td></tr> <tr><td>B</td><td>D66C</td><td>18</td><td>LTGN</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	D66B	18	LTGN	B	D66C	18	LTGN	<p><b>CB RADIO POWER (2303M)</b></p>  <p>CONNECTOR:1661197C1 TERMINAL:1661212C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <tr><td>A</td><td>C86F</td><td>18</td><td>LTGN</td></tr> <tr><td>B</td><td>C86-GF</td><td>18</td><td>WH</td></tr> </table>	CAV	CIR	GAUGE	COLOR	A	C86F	18	LTGN	B	C86-GF	18	WH																																																																						
CAV	CIR	GAUGE	COLOR																																																																																												
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<table border="1"> <tr><th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRAWN</th><th>NAME</th></tr> <tr><td>CNA</td><td>22DEC05</td><td>COMBINED 2021F/2022F AND 2021M/2022M.</td><td>C</td><td>59581V</td><td>UOODLCK</td><td>42/43/44/85/8600 &amp; 73/74/7500 CIRC DIAGRAMS</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>RELEASE NO. P52778H</td><td>DATE 25AUG00 PART NO. AE08-52376 SHEET 17</td></tr> </table>	CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA	22DEC05	COMBINED 2021F/2022F AND 2021M/2022M.	C	59581V	UOODLCK	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS						RELEASE NO. P52778H	DATE 25AUG00 PART NO. AE08-52376 SHEET 17																																																																										
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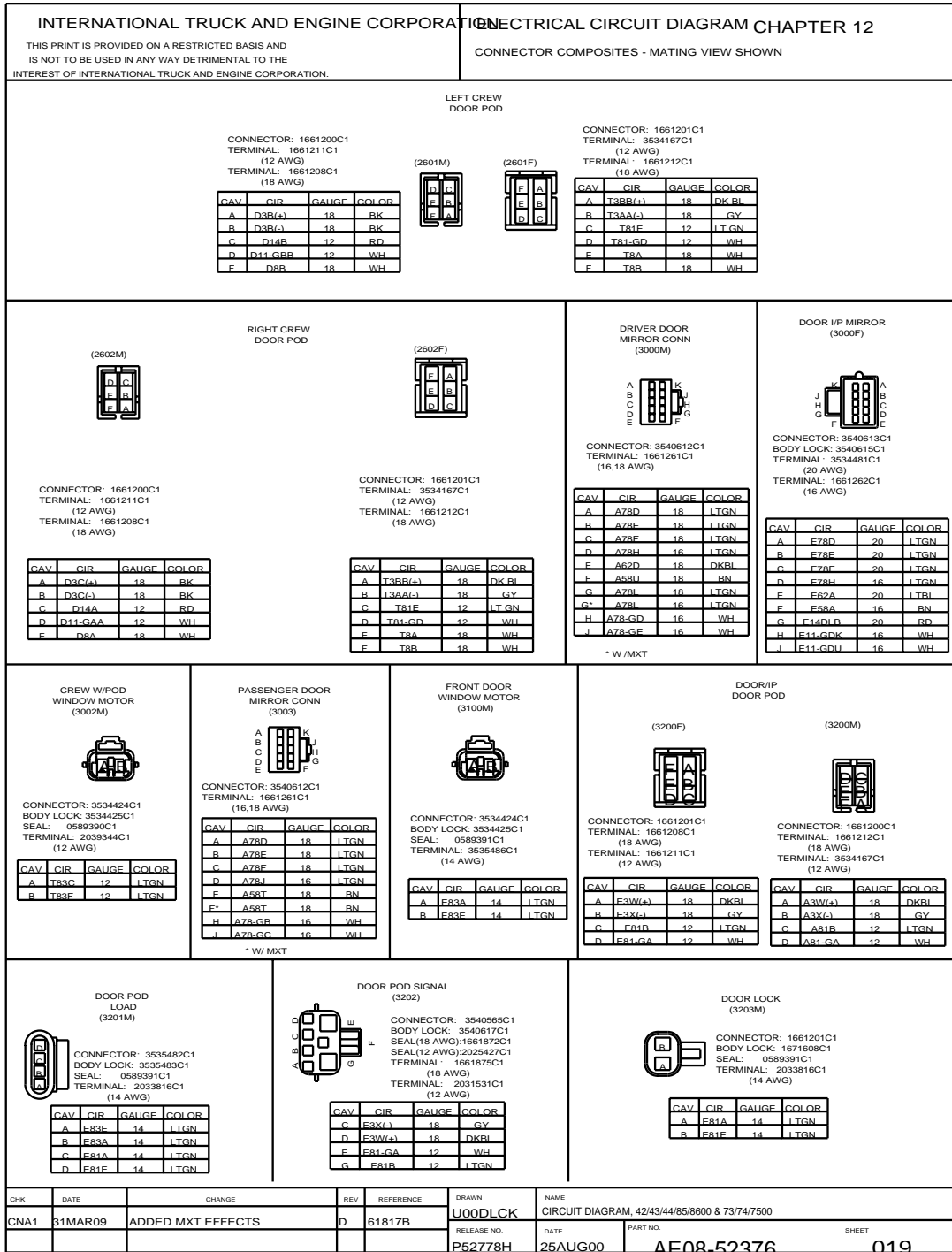
Figure 216 Connector Composites (2006M), (2007F), (2021F), (2021M), (2111M), (2112M), (2113M), (2114M), (2115M), (2116M), (2117M), (2301M), (2302M), (2303M)

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





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



CREW W/POD WINDOW MOTOR (3002M)

CONNECTOR: 3534424C1  
BODY LOCK: 3534425C1  
SEAL: 0589390C1  
TERMINAL: 2039344C1 (12 AWG)

CAV	CIR	GAUGE	COLOR
A	T83C	12	LTGN
B	T83F	12	LTGN

PASSENGER DOOR MIRROR CONN (3003)

CONNECTOR: 3540612C1  
TERMINAL: 1661261C1 (16,18 AWG)

CAV	CIR	GAUGE	COLOR
A	A78D	18	LTGN
B	A78E	18	LTGN
C	A78F	18	LTGN
D	A78I	16	LTGN
E	A68T	18	BN
F*	A68T	18	BN
H	A78-GB	16	WH
I	A78-GC	16	WH

\* W/MXT

FRONT DOOR WINDOW MOTOR (3100M)

CONNECTOR: 3534424C1  
BODY LOCK: 3534425C1  
SEAL: 0589391C1  
TERMINAL: 3535486C1 (14 AWG)

CAV	CIR	GAUGE	COLOR
A	E83A	14	LTGN
B	E83E	14	LTGN

DOOR/IP DOOR POD

(3200F)

CONNECTOR: 1661201C1  
TERMINAL: 1661208C1 (18 AWG)  
TERMINAL: 1661211C1 (12 AWG)

CAV	CIR	GAUGE	COLOR
A	E3W(+)	18	DKBL
B	E3W(-)	18	GY
C	E81B	12	LTGN
D	E81-GA	12	WH

(3200M)

CONNECTOR: 1661200C1  
TERMINAL: 1661212C1 (18 AWG)  
TERMINAL: 3534167C1 (12 AWG)

CAV	CIR	GAUGE	COLOR
A	A3W(+)	18	DKBL
B	A3X(-)	18	GY
C	A81B	12	LTGN
D	A81-GA	12	WH

DOOR POD LOAD (3201M)

CONNECTOR: 3535482C1  
BODY LOCK: 3535483C1  
SEAL: 0589391C1  
TERMINAL: 2033816C1 (14 AWG)

CAV	CIR	GAUGE	COLOR
A	E83E	14	LTGN
B	E83A	14	LTGN
C	E81A	14	LTGN
D	E81E	14	LTGN

DOOR POD SIGNAL (3202)

CONNECTOR: 3540665C1  
BODY LOCK: 3540667C1  
SEAL(18 AWG):1661872C1  
SEAL(12 AWG):2025427C1  
TERMINAL: 1661875C1 (18 AWG)  
TERMINAL: 2031531C1 (12 AWG)

CAV	CIR	GAUGE	COLOR
C	E3X(-)	18	GY
D	E3W(+)	18	DKBL
F	E81-GA	12	WH
G	E81B	12	LTGN

DOOR LOCK (3203M)

CONNECTOR: 1661201C1  
BODY LOCK: 1671608C1  
SEAL: 0589391C1  
TERMINAL: 2033816C1 (14 AWG)

CAV	CIR	GAUGE	COLOR
A	E81A	14	LTGN
B	E81E	14	LTGN

**Figure 218 Connector Composites (2601M, F), (2602M, F), (3000M), (3000F), (3002M), (3003), (3100M), (3200F, M), (3201M), (3202), (3203M)**

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

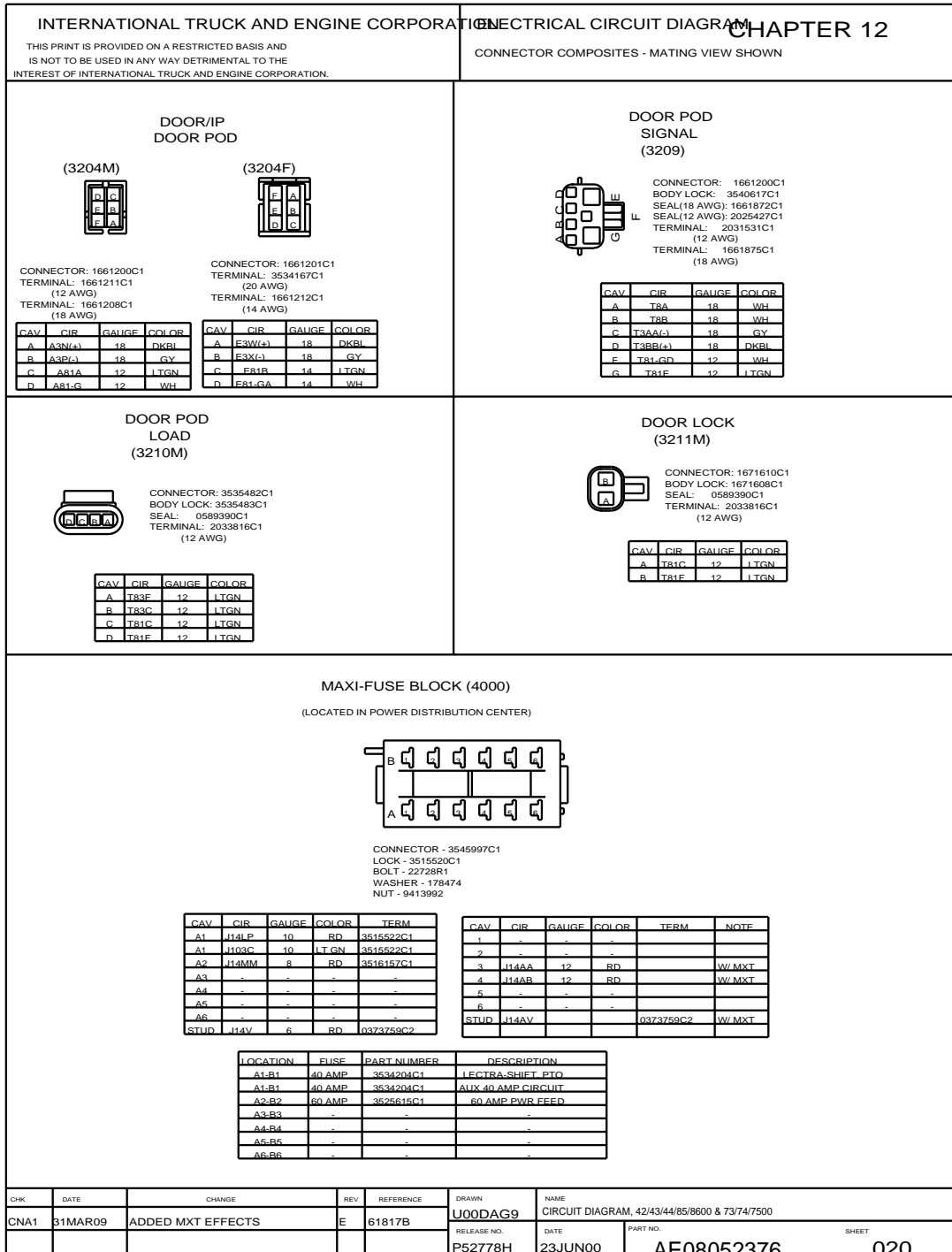
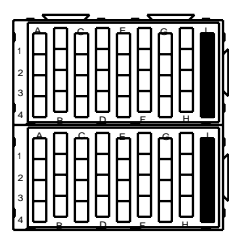


Figure 219 Connector Composites (3204M, F), (3209), (3210M), (3211M), (4000)

12.27. CONNECTOR COMPOSITE (4001), P. 21

INTERNATIONAL TRUCK AND ENGINE CORPORATION ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12  
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.  
CONNECTOR COMPOSITES - MATING VIEW SHOWN

**MINI-FUSE BLOCKS (4001)  
LOCATED IN POWER DISTRIBUTION CENTER)**



CONNECTOR ASSY - 3545599C91  
LOCK - 3536085C1

\* W/ MWM ENGINE  
# W/ MXT

NOTE:  
CIRCUIT NAMES DESIGNATED WITH PARENTHESES REPRESENT BUSS BARS

CAV	CIR	GUAGE	COLOR	TERM	CAV	CIR	GUAGE	COLOR	TERM
F1-A1	(113S)			3536304C1	F2-A1	(170SA)	10	OR	3515518C1
F1-A2	(113W)			3536304C1	F2-A1	(170SB)	12	OR	3516158C1
F1-A3	(113E)			3536301C1	F2-A2	(114T)			3536303C1
F1-A4	(113T)			3536301C1	F2-A3	(114M)			3536303C1
F1-B1	(171H/171J)	16	OR	3573312C1	F2-A4	(197D)	16	VT	3573312C1
F1-B1	(171)	16	OR	3573312C1	F2-A4#	(197D)	16	PI	3573312C1
F1-B2	(124C)	18	GY	3515517C1	F2-B1	(170A)	10	OR	3515518C1
F1-B2	(197DF)	18	TN	3515517C1	F2-B1#	(170A)	20	OR	3515518C1
F1-B2*	(124D)	16	GY	3573312C1	F2-B1	(170B)	10	OR	3573311C1
F1-B3	(194HD)	18	GY	3536295C1	F2-B2	(144J)	18	GY	3515517C1
F1-B3#	(113AB)	18	GY	3536295C1	F2-B3	(172)	12	OR	3516158C1
F1-B4	(137C)	18	TN	3515517C1	F2-B3	(114BB)	14	RD	3516158C1
F1-C1	(113S)			3536304C1	F2-B4	(197C)	16	VT	3573312C1
F1-C2	(113W)			3536304C1	F2-B4#	(197C)	16	PI	3573312C1
F1-C3	(113E)			3536301C1	F2-C1	(190HA)	12	GY	3516158C1
F1-C4	(113T)			3536301C1	F2-C2	(114T)			3536303C1
F1-D1	(144N)	16	GY	3573312C1	F2-C3	(114M)			3536303C1
F1-D2	(187KA)	16	GY	3573312C1	F2-C4	(114J)			3536301C1
F1-D2	(187KB)	16	GY	3573312C1	F2-D1	(190)	18	GY	3515517C1
F1-D3	(113X)	18	PK	3515517C1	F2-D2	(194UA)	12	GY	3573311C1
F1-D3#	(113X)	16	PK	3515517C1	F2-D2	(172UA)	12	OR	3573311C1
F1-D4	(161)	18	GY	3515517C1	F2-D3	(126D)	18	TN	3515517C1
F1-E1	(113S)	14	PK	3536304C1	F2-D4	(192FB)	16	TN	3573312C1
F1-E2	(113W)	14	PK	3536304C1	F2-D4	(114AW)	16	TN	3573312C1
F1-E3	(113E)	14	PK	3536301C1	F2-E1	(168F)	12	BN	3516158C1
F1-E4	(113T)	14	PK	3536301C1	F2-E2	(114T)	10	RD	3536303C1
F1-E1	(197U)	18	VT	3515517C1	F2-E2#	(114T)	12	RD	3573311C1
F1-E1#	(197UA)	18	VT	3515517C1	F2-E3	(114M)	10	RD	3536303C1
F1-E1#	(197UA)	16	PI	3515517C1	F2-E3#	(114M)	12	RD	3573311C1
F1-E1*	(113A)	14	PK	3573312C1	F2-E4	(114J)	10	RD	3536298C1
F1-E2	(194AY)	12	GY	3573311C1	F2-E4#	(114J)	12	RD	3536298C1
F1-E3	(139A)	16	GY	3536295C1	F2-E1	(168BB)	16	BN	3573311C1
F1-E4	(192J)	18	TN	3515517C1	F2-E1	(168BB)	14	BN	3516158C1
F1-E4#	(113S)	18	TN	3515517C1	F2-E1	(168F)	12	BN	3516158C1
F1-G1	(113S)			3536304C1	F2-F1	(168F)	16	BN	3536295C1
F1-G1#	(113W)			3536304C1	F2-F2	(157T)	12	OR	3516158C1
F1-G2	(113W)			3536304C1	F2-F3	(114W)	16	RD	3515517C1
F1-G2#	(170BS)	14	OR	-	F2-F3	(114W)	16	RD	3536295C1
F1-G3	(170BA)	14	OR	3516158C1	F2-F3	(114X)	16	RD	3515517C1
F1-G3	(170BS)	14	OR	3516158C1	F2-F3	(114X)	16	RD	3536295C1
F1-G4	(197HA)	18	VT	3515517C1	F2-F4	(194HC)	14	GY	3516158C1
F1-G4#	(197HA)	16	PI	3515517C1	F2-F4#	(114AG)	12	RD	3516158C1
F1-H1	(123E)	18	TN	3515519C1	F2-G1	(158F)	12	BN	3516158C1
F1-H1	(1237)	18	TN	3536295C1	F2-G2	(114T)			3536303C1
F1-H1*	(123)	16	TN	3573312C1	F2-G3	(114M)			3536303C1
F1-H2	(192H146)	18	TN	3515517C1	F2-G4	(114J)			3536298C1
F1-H2	(113M)	18	PK	3515517C1	F2-H1	(158BB)	14	BN	3516158C1
F1-H2#	(113M)	16	PK	3515517C1	F2-H1	(158F)	12	BN	3536295C1
F1-H3	(170BB)	14	OR	3516158C1	F2-H1	(158F)	16	BN	3536295C1
F1-H4	(197HB)	18	VT	3515517C1	F2-H1	(158BB)	16	BN	3536295C1
F1-H4#	(197HB)	16	PI	3515517C1	F2-H2	(156T)	12	OR	3516158C1
					F2-H3	(119)	16	GY	3515517C1
					F2-H4	(194H)	14	GY	3516158C1
					F2-H4	(194AB)	14	GY	3516158C1

**MINI-FUSE BLOCKS (4001)**

FUSE	PART NUMBER	DESCRIPTION	LOCATION	FUSE	PART NUMBER	DESCRIPTION
10 AMP	3534209C1	BACK UP LAMPS	E2-A1&R1	30 AMP	3534213C1	TRAILER STOP LAMPS
5 AMP	3534208C1	POWER PARK BRAKE	F2-C1&D1	5 AMP	3534208C1	HYDRAMAX SENSE
5 AMP	3534208C1	ENGINE IGN	F2-E1&F1	20 AMP	3534211C1	TRAILER/BODY TAIL LAMPS
10 AMP	3534209C1	FAN SOLENOID	F2-G1&H1	20 AMP	3534211C1	TRAILER/BODY MARKER LAMPS
5 AMP	3534208C1	FAN CLUTCH	F2-A2&B2	5 AMP	3534208C1	AIR ACT PARK BRAKE (AUTO APPLY)
5 AMP	3534208C1	EXHAUST BRAKE	F2-C2&D2	30 AMP	3534213C1	TRAILER ABS
5 AMP	3534208C1	WASHER PUMP	F2-C2&D2	30 AMP	3534213C1	TRAILER AUX FEED
-	-	-	F2-E2&F2	15 AMP	3534210C1	TRAILER RIGHT TURNS
10 AMP	3534209C1	XMSN IGN/NEUTRAL	F2-G2&H2	15 AMP	3534210C1	TRAILER LEFT TURNS
5 AMP	3534208C1	HYD ABS ECU/IGN	F2-A3&B3	25 AMP	3534212C1	TRAILER BODY/BUILDER ACC
10 AMP	3534209C1	IGNITION	F2-A3&B3	20 AMP	3534212C1	BODY BUILDER ACC
20 AMP	3534211C1	AIR DRIVER/RAIN VALVE	F2-C3&D3	5 AMP	3534208C1	PAM MODULE
15 AMP	3534210C1	BODY BUILDER STOP LAMPS	F2-E3&F3	5 AMP	3534208C1	REMOTE POWER MODULES
10 AMP	3534209C1	FUEL TRANSFER PUMP	F2-G3&H3	20 AMP	3534211C1	FUEL HEATER
5 AMP	3534208C1	AIR SUSPENSION	F2-A4&B4	30 AMP	3534213C1	AUTOSHIFT XMSN
5 AMP	3534208C1	AUTO NEUTRAL	F2-C4&D4	-	-	-
5 AMP	3534208C1	V8 ENGINE ECM	F2-E4&F4	30 AMP	3534213C1	AIR ABS ECU
			F2-E4&F4	30 AMP	3534213C1	HYD ABS MODULATOR
			F2-G4&H4	25 AMP	3534212C1	HYD ABS ECU/BATT
			F2-A3&B3	20 AMP	3534211C1	BODY BUILDER ACCESSORY

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	31MAR09	ADDED MXT EFFECTS	H	61817B	U00DAG9	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					P52778H	21JUN00
						PART NO.
						AE08052376
						SHEET
						021

Figure 220 Connector Composite (4001)

S08315

12.28. CONNECTOR COMPOSITE (4002), P. 22

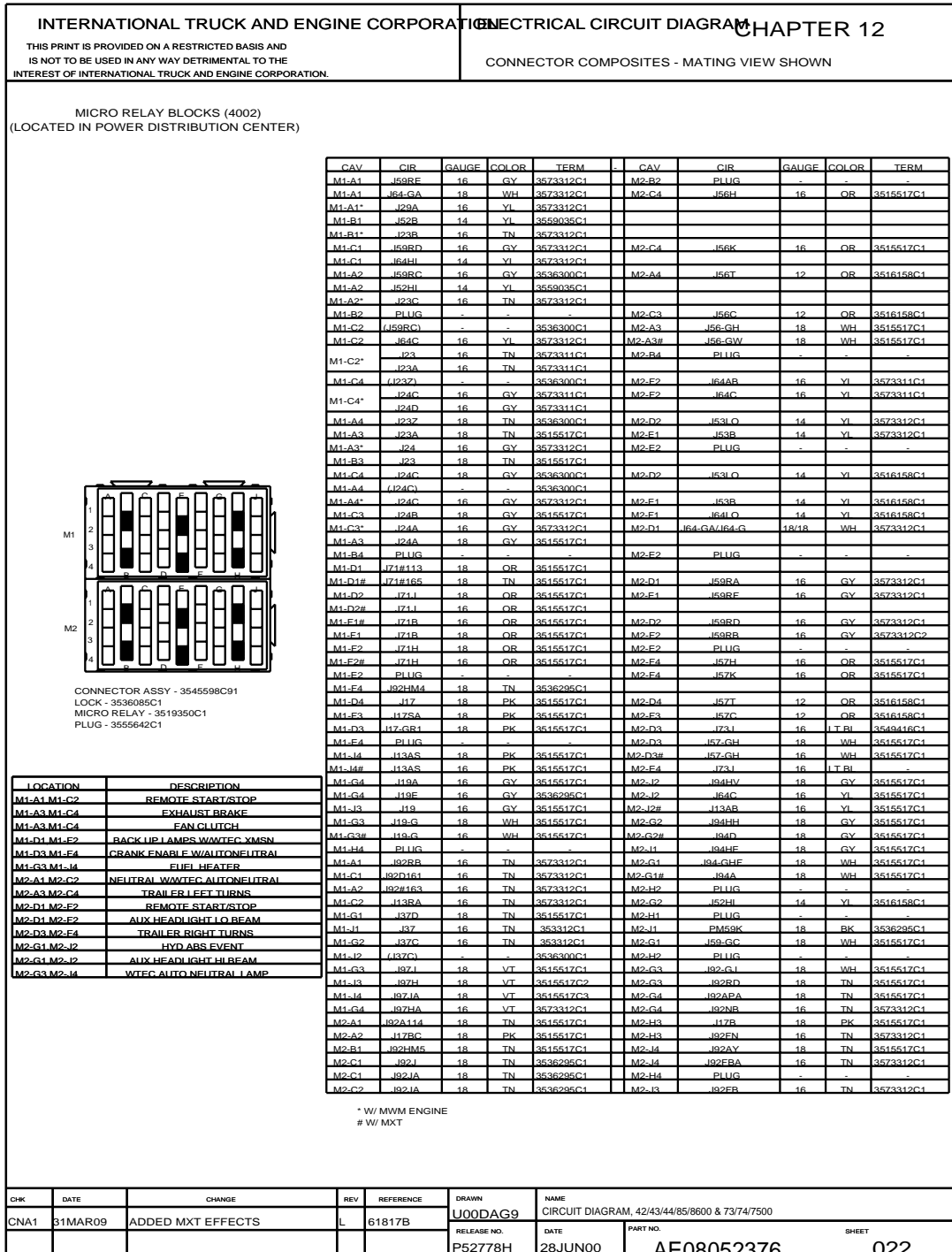


Figure 221 Connector Composite (4002)

12.29. CONNECTOR COMPOSITE (4003), P. 23

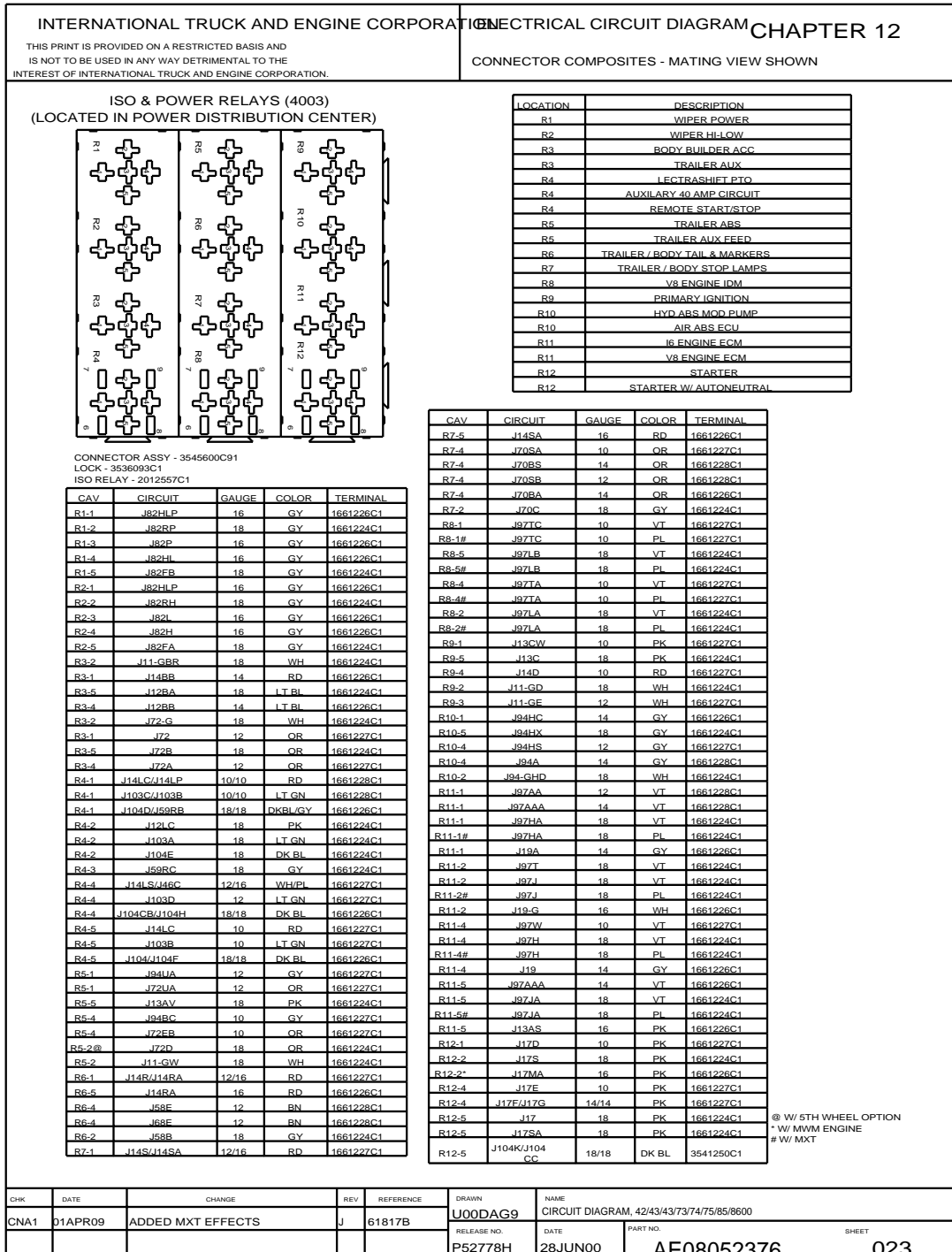


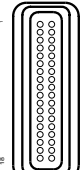
Figure 222 Connector Composite (4003)

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 12			
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**SYSTEM CONTROLLER (4004)**  
(LOCATED ON EXTERIOR DASH PANEL LEFT SIDE)



CONNECTOR - 3533834C1  
BACKSHELL - 3533832C1  
CPA - 3533836C1  
RETAINER - 3533833C1  
COVER - 3533834C1  
SEAL - 3533835C1  
PLUG - 3518314C1


\* W/ MXT VEHICLE

CAV	CIR	GAUGE	COLOR	TERM	NOTES
1	J32A	18	TN	3517243C1	
2	J32	18	TN	3517243C1	W/ AXLE TEMP
3	J31	18	TN	3517243C1	
3	J31F	18	TN	3517243C1	
3	J88B	18	LT GN	3517243C1	W/ HOURMETER
3*	TR-C	-	-	-	
4	J36B	18	TN	3517243C1	
5	J36A	18	TN	3517243C1	
6	J77A	20	LT GN	3517243C1	
7	J77D	20	LT GN	3517243C1	
8	J77C	20	LT GN	3517243C1	
9	J104A	18	DK BL	3517243C1	
10	J30A	18	TN	3517243C1	
11	J18D	18	GY	3517243C1	
11	J18C	18	GY	3517243C1	
12	J87C	18	GY	3517243C1	
12	J87CA	18	GY	3517243C1	
13	J61C	18	GY	3517243C1	
13	J94HH	18	GY	3517243C1	W/ HYD ABS
13	J40F	18	GY	3517243C1	W/ AIR APP GAUGE
14	PLUG	-	-	-	
15	J70NV	18	RD	3517243C1	
15	PLUG	-	-	-	
16	J44M	18	GY	3517243C1	
17	J58B	18	GY	3517243C1	
18	J93	18	TN	3517243C1	W/ 2SPD AXLE & MAN XMSN

CAV	CIR	GAUGE	COLOR	TERM
19	J92DL	18	TN	3517243C1
19	J92RD	18	TN	3517243C1
20	J82BH	18	GY	3517243C1
21	J70C	18	GY	3517243C1
22	J69C	18	GY	3517243C1
23	J94HP	18	GY	3517243C1
24	J59B	18	GY	3517243C1
25	J37D	18	TN	3517243C1
26	J9A	18	GY	3517243C1
27	J6A	18	GY	3517243C1
28	J90J	18	GY	3517243C1
28	J82RP	18	GY	3517243C1
30	J59D	18	GY	3517243C1
31	J59A	18	GY	3517243C1
32	J104	18	DKBL	3517243C1
32	J64AB	18	YL	3517243C1
33	PLUG	-	-	-
33*	J70G	18	GY	
34	J5M(+)	20	YL	3517243C1
35	J5M(-)	20	GN	3517243C1
36	PLUG	-	-	-

**SYSTEM CONTROLLER BROWN (4007)**



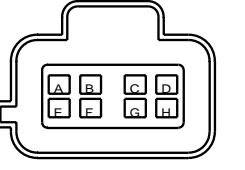
CONNECTOR - 3548934C1  
LOCK - 3548943C1  
PLUG - 3535938C1

(LOCATED ON EXTERIOR DASH PANEL LEFT SIDE)

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
A	J64A	12	BN	3534163C1	3548945C1	W/FOG LIGHTS
B	J57AA	16	OR	3535930C1	3535938C1	
C	J56AA	16	OR	3535930C1	3535938C1	
D	J53A	14	YL	3535931C1	3535937C1	N/AUX HEADLIGHTS
D	J53LO	14	YL	3535931C1	3535937C1	W/AUX HEADLIGHTS
E	J85AA	16	GY	3535930C1	3535938C1	
F	J65	16	OR	3535930C1	3535938C1	
G	J52HI	14	YL	3535931C1	3535937C1	W/AUX HEADLIGHTS
G	J52A	14	YL	3535931C1	3535937C1	N/AUX HEADLIGHTS
H	J58A	14	BN	3535931C1	3535937C1	

**SYSTEM CONTROLLER BLUE (4008)**



CONNECTOR - 3548933C1  
LOCK - 3548943C1  
PLUG - 3535938C1

(LOCATED ON EXTERIOR DASH PANEL LEFT SIDE)

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
A	J59F	16	GY	3535930C1	3535938C1	W/SOLENOID 7-PACK
A	J59E	14	GY	3535931C1	3535937C1	W/SOLENOID 4-PACK
B	J57J	16	OR	3535930C1	3535938C1	
C	J56J	16	OR	3535930C1	3535938C1	
D	J90HA	12	GY	3534163C1	3548945C1	
E	PLUG	-	-	-	-	
F	J82F	16	GY	3535930C1	3535938C1	
G	J77B	16	LT GN	3535930C1	3535938C1	
H	PLUG	-	-	-	-	

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	31MAR09	ADDED MXT EFFECTS	H	61817B	U00DAG9	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO. P52778H	DATE 26 JUN 00
						PART NO. AE08-52376
						SHEET 024

Figure 223 Connector Composites (4004), (4007), (4008)

12.31. CONNECTOR COMPOSITE (4014), P. 25

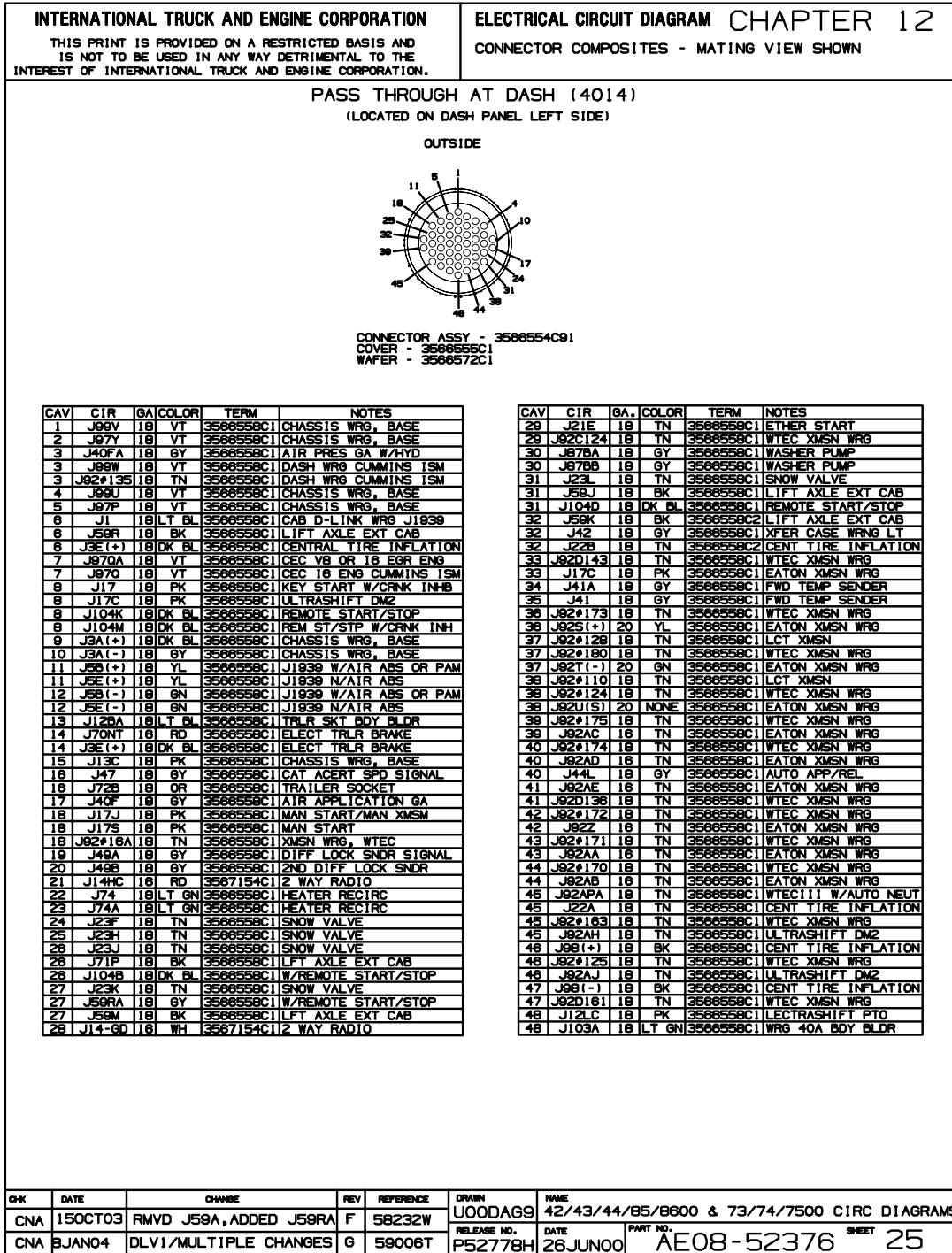


Figure 224 Connector Composite (4014)

12.32. CONNECTOR COMPOSITE (4014/1700), P. 26

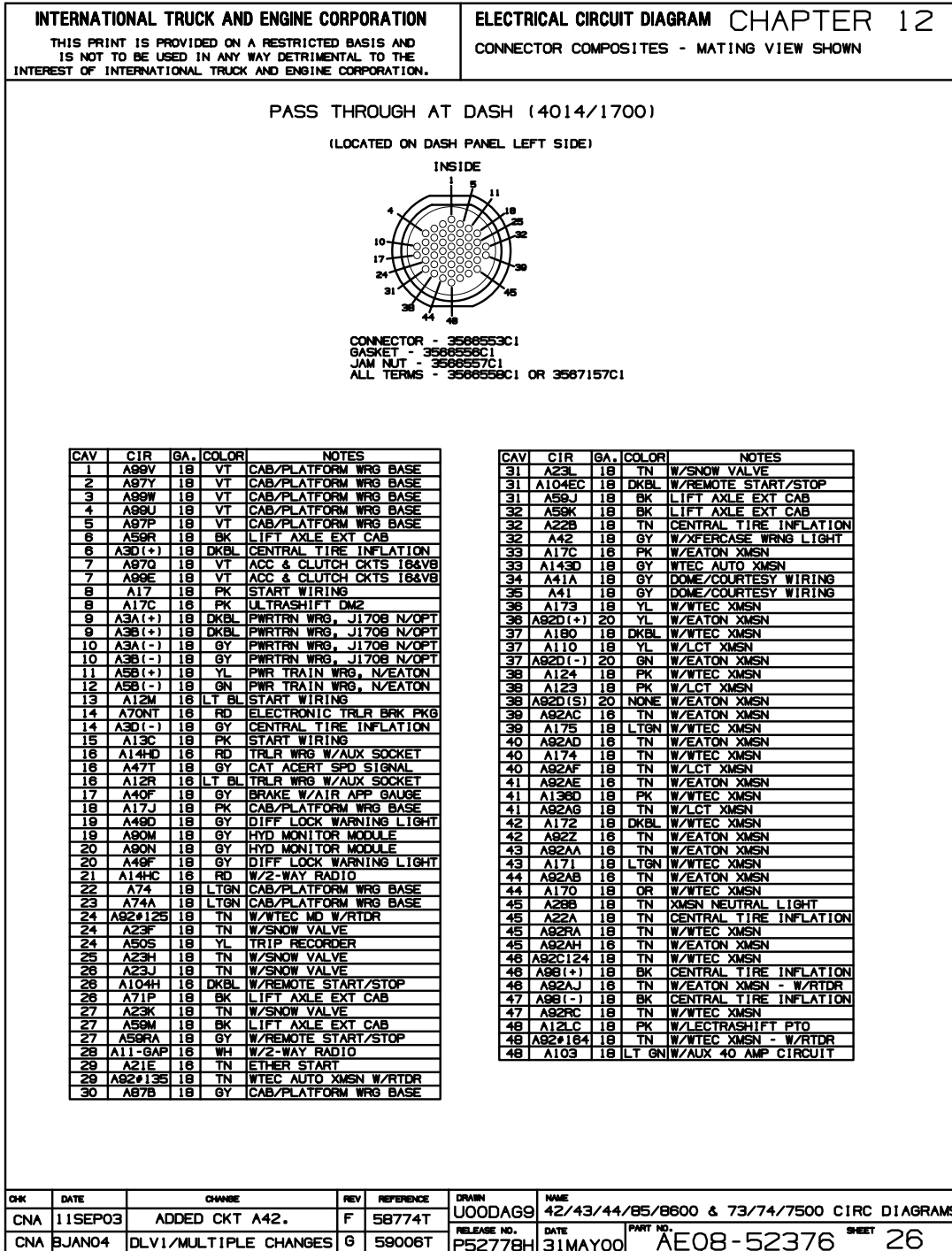


Figure 225 Connector Composite (4014/1700)



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

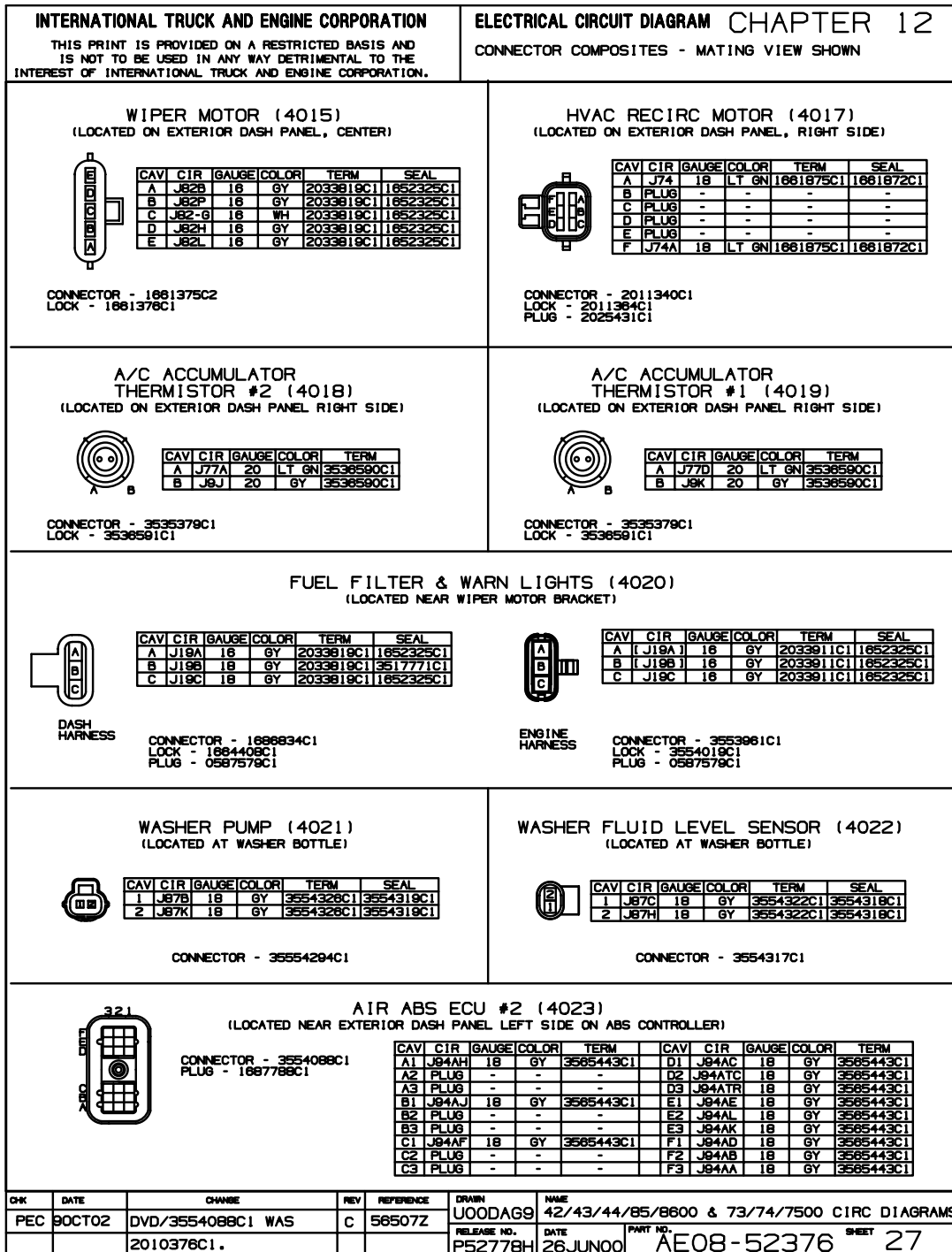
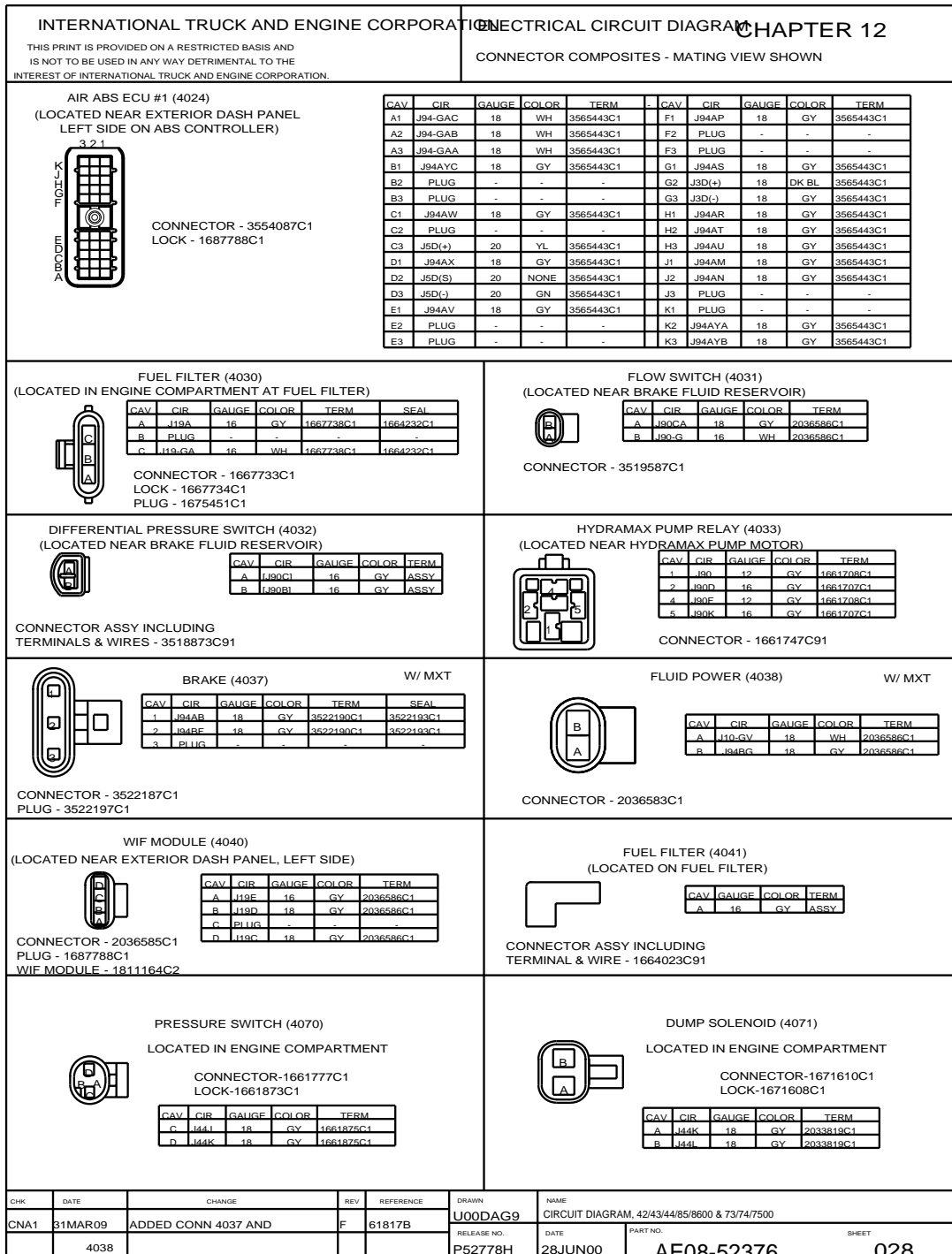


Figure 226 Connector Composites (4015), (4017), (4018), (4019), (4020), (4021), (4022), (4023)

**12.34. CONNECTOR COMPOSITES (4024), (4030), (4031), (4032), (4033), (4037), (4038), (4040), (4041), (4070), (4071), P. 28**



**Figure 227 Connector Composites (4024), (4030), (4031), (4032), (4033), (4037), (4038), (4040), (4041), (4070), (4071)**

12.35. CONNECTOR COMPOSITES (4087), (4088), (4100), (4101), (4109), (4112), P. 29

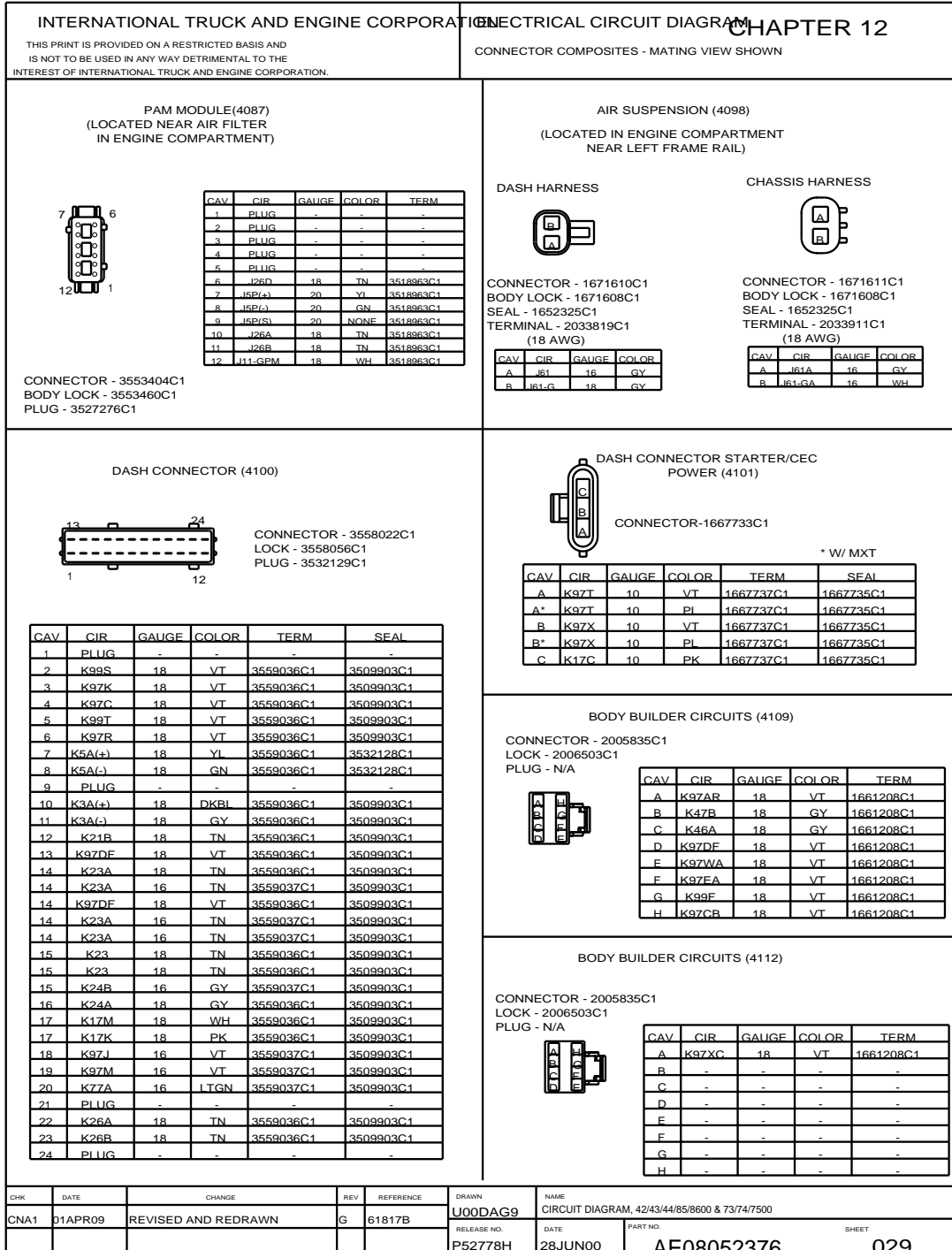


Figure 228 Connector Composites (4087), (4088), (4100), (4101), (4109), (4112)

12.36. CONNECTOR COMPOSITE (4103), P. 30

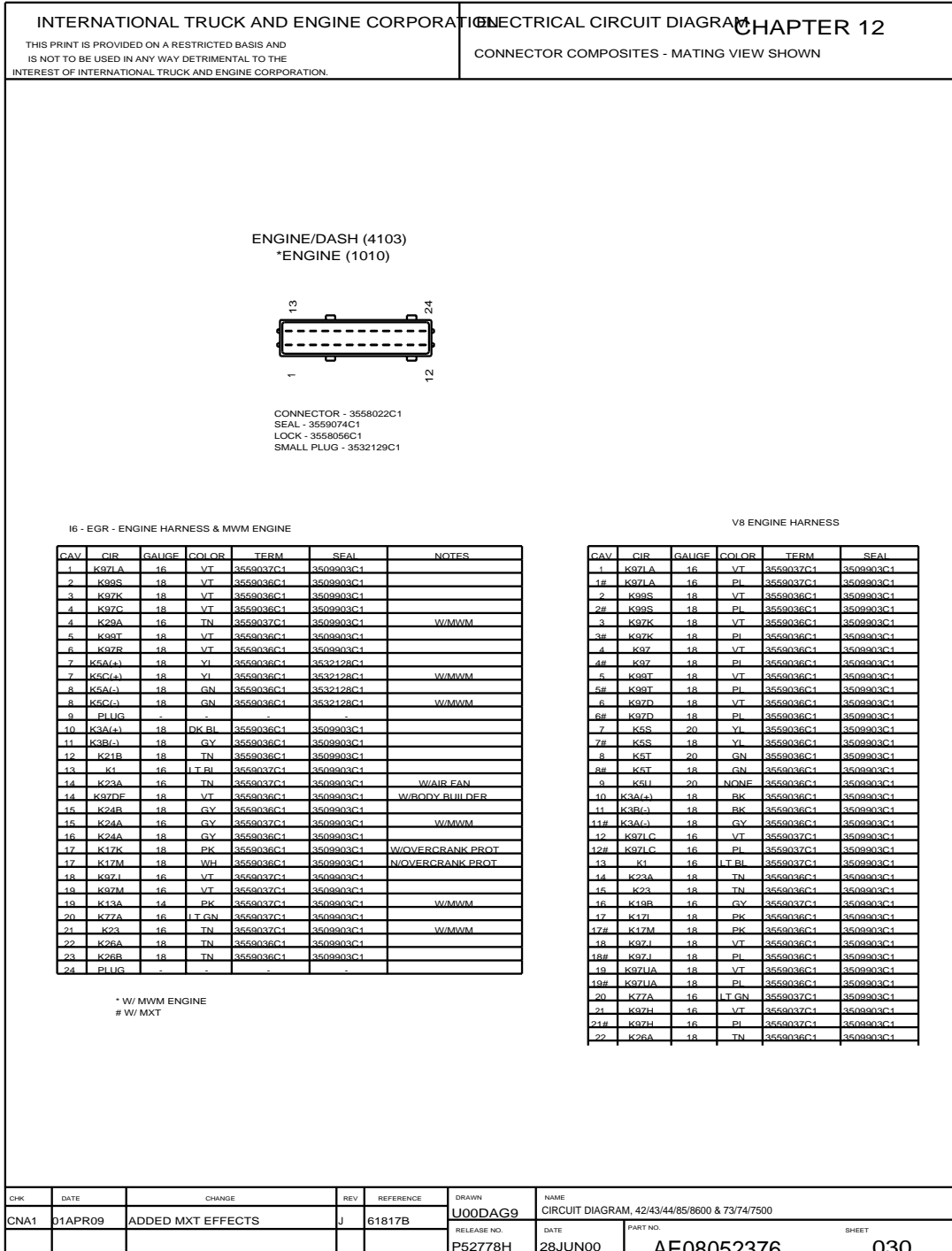


Figure 229 Connector Composite (4103)

12.37. CONNECTOR COMPOSITE (4103), P. 30A

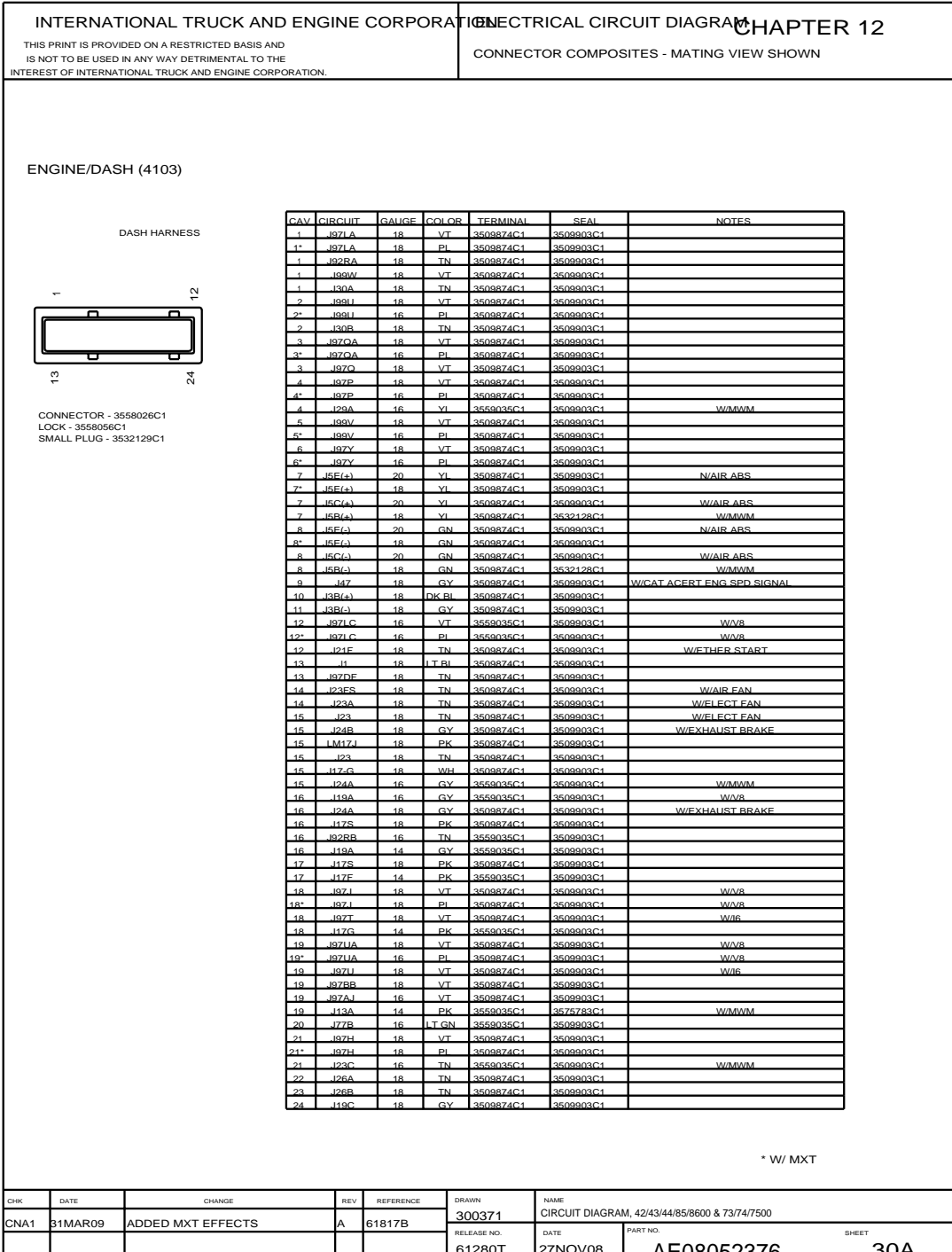


Figure 230 Connector Composite (4103)

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

INTERNATIONAL TRUCK AND ENGINE CORPORATION ELECTRICAL CIRCUIT DIAGRAMS CHAPTER 12  
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 CONNECTOR COMPOSITES- MATING VIEW SHOWN

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ENGINE HARNESS      ECM POWER/STARTER (4105)      DASH HARNESS  
 (LOCATED NEAR WIPER MOTOR BRACKET)

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
A	K97W	10	VT	1667737C1	1667735C1	W/W
A	K97T	10	VT	1667737C1	1667735C1	W/W
B	K97AA	10	VT	1667737C1	1667735C1	W/W
B	K97X	10	VT	1667737C1	1667735C1	W/W
C	K17C	10	PK	1667737C1	1667735C1	

CONNECTOR - 166773C1  
LOCK - 1667734C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
A	J97W	10	VT	2025425C1	1667735C1	W/W
A	J97TA	10	VT	2025425C1	1667735C1	W/W
A	J97TA	10	PL	2025425C1	1667735C1	W/W
B	J97AA	12	VT	2025426C1	1671603C1	W/W
B	J97XA	10	VT	2025425C1	1667735C1	W/W
B	J97XA	10	PL	2025425C1	1667735C1	W/W
C	J17E	10	PK	2025425C1	1667735C1	

CONNECTOR - 1667732C1  
LOCK - 1667734C1

---

FAN AIR SOLENOID (4111)  
(LOCATED NEAR WIPER MOTOR BRACKET)

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
A	K23B	18	TN	2033819C1	1652325C1	W/BODY BUILDER
A	K23A	16	TN	2033819C1	1652325C1	N/BODY BUILDER
B	K97B	18	VT	2033819C1	1652325C1	

CONNECTOR - 1671610C1  
LOCK - 1671608C1

SNOW VALVE (4120)  
(LOCATED ON AIR INTAKE FILTER)

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
A	J23F	18	TN	1661875C1	1661872C1	
B	J23H	18	TN	1661875C1	1661872C1	
C	J23J	18	TN	1661875C1	1661872C1	
D	J23K	18	TN	1661875C1	1661872C1	
E	J23L	18	TN	1661875C1	1661872C1	

CONNECTOR - 3522251C1  
LOCK - 3522253C1

---

FORWARD CHASSIS/DASH (4301)  
(LOCATED IN ENGINE COMPARTMENT NEAR LEFT FRAME RAIL)

CONNECTOR - 3558026C1  
LOCK - 3558056C1  
PLUG - 3532129C1

FORWARD CHASSIS/DASH (4301)  
DASH HARNESS

CONNECTOR - 3558022C1  
SEAL - 3559047C1  
LOCK - 3558056C1  
PLUG - 3532129C1

FORWARD CHASSIS HARNESS

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
1	M9	18	GY	3559036C1	3509903C1	W/AUX AIR
1	M94	18	GY	3559036C1	3509903C1	W/AIR ABS
1	M94A	14	BL	3559037C1	3558022C1	W/W/ARCO AIR
2	M94A	18	GY	3559036C1	3509903C1	W/AIR ABS
2	M9	18	GY	3559036C1	3509903C1	W/AUX AIR
2	M94A	14	GN	3559037C1	3558022C1	W/W/ARCO AIR
3	M40	18	GY	3559036C1	3509903C1	W/AUX AIR
3	M94B	18	GY	3559036C1	3509903C1	W/AIR ABS
3	M94AB	14	BN	3559037C1	3558022C1	W/W/ARCO AIR
4	M52B	14	YL	3559037C1	3509903C1	
5	M53	14	YL	3559037C1	3509903C1	
6	M94C	18	GY	3559036C1	3509903C1	W/AIR ABS
6	M94H	18	BK	3559036C1	3509903C1	W/HYD ABS
6	M94C	18	BN	3559036C1	3558022C1	W/W/ARCO AIR
7	M94D	18	GY	3559036C1	3509903C1	W/AIR ABS
7	M94M	18	BN	3559036C1	3509903C1	W/HYD ABS
7	M94AD	18	BK	3559036C1	3558022C1	W/W/ARCO AIR
8	M9	20	GY	3559036C1	3532128C1	
9	M56B	16	OR	3559037C1	3509903C1	
10	M85E	16	GY	3559037C1	3509903C1	
10*	M85M	16	GY	3559037C1	3509903C1	
11	M57B	16	OR	3559037C1	3509903C1	
12	M58B	14	BN	3559037C1	3509903C1	
13	M11-G	12	WH	3559037C1	3509903C1	
14	M94E	18	GY	3559036C1	3509903C1	W/AIR ABS
14	M94N	18	BK	3559036C1	3509903C1	W/HYD ABS
14	M94AE	18	BN	3559036C1	3558022C1	W/W/ARCO AIR
14	M94E	18	GY	3559036C1	3509903C1	W/AIR ABS
15	M94F	18	BN	3559036C1	3509903C1	W/HYD ABS
15	M94AF	18	BK	3559036C1	3558022C1	W/W/ARCO AIR
16	M94H	18	GY	3559036C1	3509903C1	
16	M94AH	14	BL	3559037C1	3558022C1	W/W/ARCO AIR
17	M94J	18	GY	3559036C1	3509903C1	
17	M94AL	14	GN	3559037C1	3558022C1	W/W/ARCO AIR
18	M94K	18	GY	3559036C1	3509903C1	
18	M94AK	14	BN	3559037C1	3558022C1	W/W/ARCO AIR
19	M21C	18	TN	3559036C1	3509903C1	
20	M64	16	YL	3559037C1	3509903C1	W/FOG LIGHTS
21	M78H	16	LT GN	3559037C1	3509903C1	
22	M21D	18	TN	3559036C1	3509903C1	
23	M77	20	LT GN	3559036C1	3532128C1	
24	M6	20	GY	3559036C1	3532128C1	

\* W/ MXT

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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	31MAR09	ADDED MXT EFFECTS	F	61817B	UOODAG9	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					P52778H	21JUN00
						PART NO.
						AE08052376
						SHEET
						031

Figure 231 Connector Composites (4105), (4111), (4120), (4301)

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


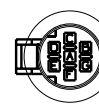








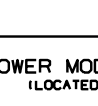
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 <p>DASH HARNESS</p> <p>CONNECTOR - 3571897C1 LOCK - 2039342C1 PLUG - 587579C1</p>	<p style="text-align: center;"><b>AUX FWD/DASH (4305)</b> (LOCATED IN ENGINE COMPARTMENT NEAR LEFT FRAME RAIL)</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>DASH TERMINAL</th> <th>CHASSIS TERMINAL</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>J64HI</td><td>14</td><td>YL</td><td>3535486C</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>A</td><td>J104CC</td><td>18</td><td>DK BL</td><td>2039343C</td><td>2033911C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>J41</td><td>18</td><td>GY</td><td>2039343C</td><td>2033911C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>J41A</td><td>18</td><td>GY</td><td>2039343C</td><td>2033911C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>J19C</td><td>18</td><td>GY</td><td>2039343C</td><td>2033911C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>J19A</td><td>16</td><td>GY</td><td>2039343C</td><td>2033911C1</td><td>1652325C1</td></tr> <tr><td>F</td><td>J64LO</td><td>14</td><td>YL</td><td>3535486C</td><td>2033912C1</td><td>0589391C1</td></tr> <tr><td>F</td><td>J104CB</td><td>18</td><td>DK BL</td><td>2039343C</td><td>2033911C1</td><td>1652325C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	DASH TERMINAL	CHASSIS TERMINAL	SEAL	A	J64HI	14	YL	3535486C	2033912C1	0589391C1	A	J104CC	18	DK BL	2039343C	2033911C1	1652325C1	B	J41	18	GY	2039343C	2033911C1	1652325C1	C	J41A	18	GY	2039343C	2033911C1	1652325C1	D	J19C	18	GY	2039343C	2033911C1	1652325C1	E	J19A	16	GY	2039343C	2033911C1	1652325C1	F	J64LO	14	YL	3535486C	2033912C1	0589391C1	F	J104CB	18	DK BL	2039343C	2033911C1	1652325C1	 <p>FWD CHASSIS HARNESS</p> <p>CONNECTOR - 3571886C1 LOCK - 2039342C1 PLUG - 587579C1</p>						
CAV	CIR	GAUGE	COLOR	DASH TERMINAL	CHASSIS TERMINAL	SEAL																																																																	
A	J64HI	14	YL	3535486C	2033912C1	0589391C1																																																																	
A	J104CC	18	DK BL	2039343C	2033911C1	1652325C1																																																																	
B	J41	18	GY	2039343C	2033911C1	1652325C1																																																																	
C	J41A	18	GY	2039343C	2033911C1	1652325C1																																																																	
D	J19C	18	GY	2039343C	2033911C1	1652325C1																																																																	
E	J19A	16	GY	2039343C	2033911C1	1652325C1																																																																	
F	J64LO	14	YL	3535486C	2033912C1	0589391C1																																																																	
F	J104CB	18	DK BL	2039343C	2033911C1	1652325C1																																																																	
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Figure 232 Connector Composites (4305), (4410), (4410B), (4410C), (4410D), (4410E), (4410H), (4410M), (4411)

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

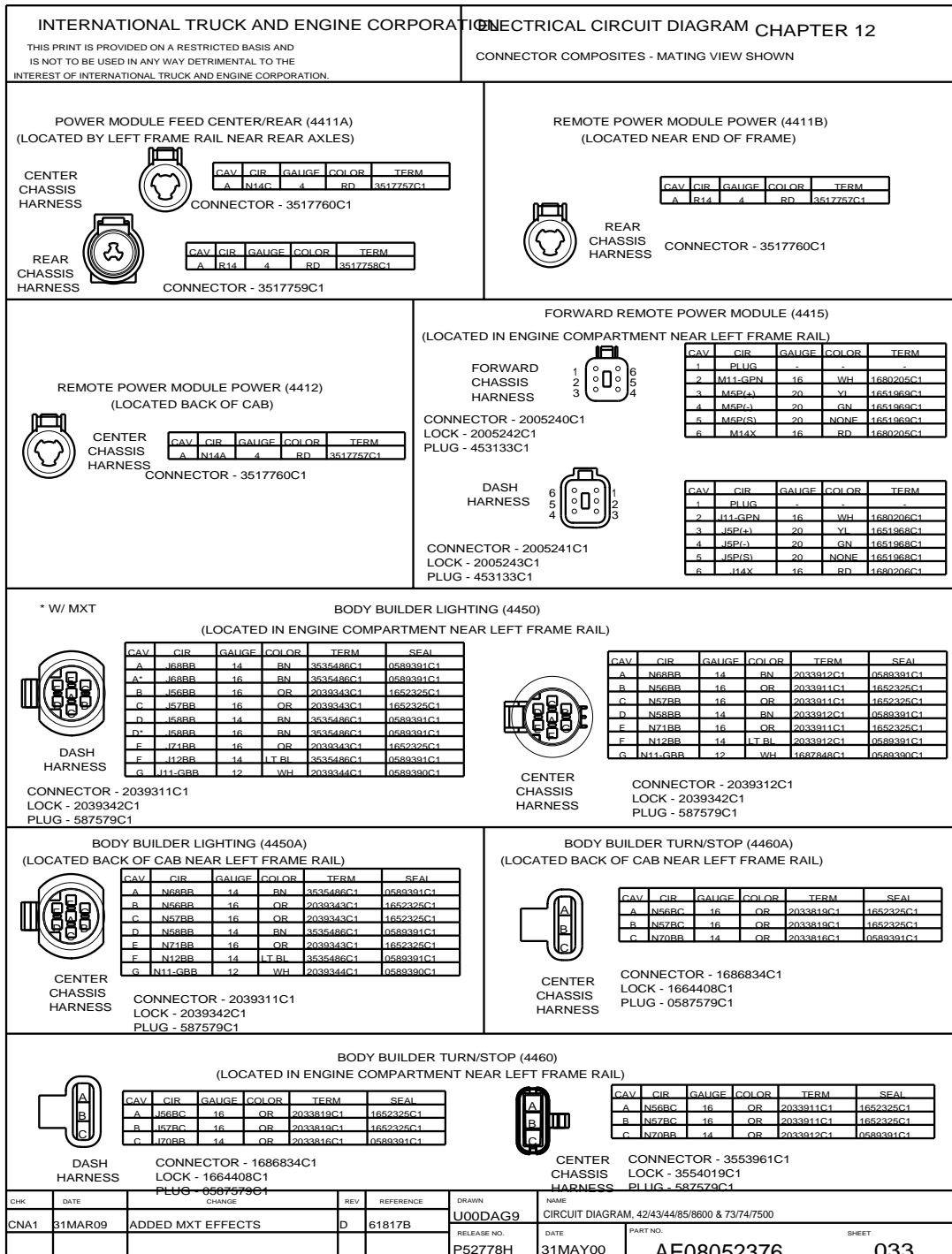


Figure 233 Connector Composites (4411A), (4411B), (4412), (4415), (4450), (4450A), (4460A), (4460)



## 12.41. CONNECTOR COMPOSITE (4705), P. 34

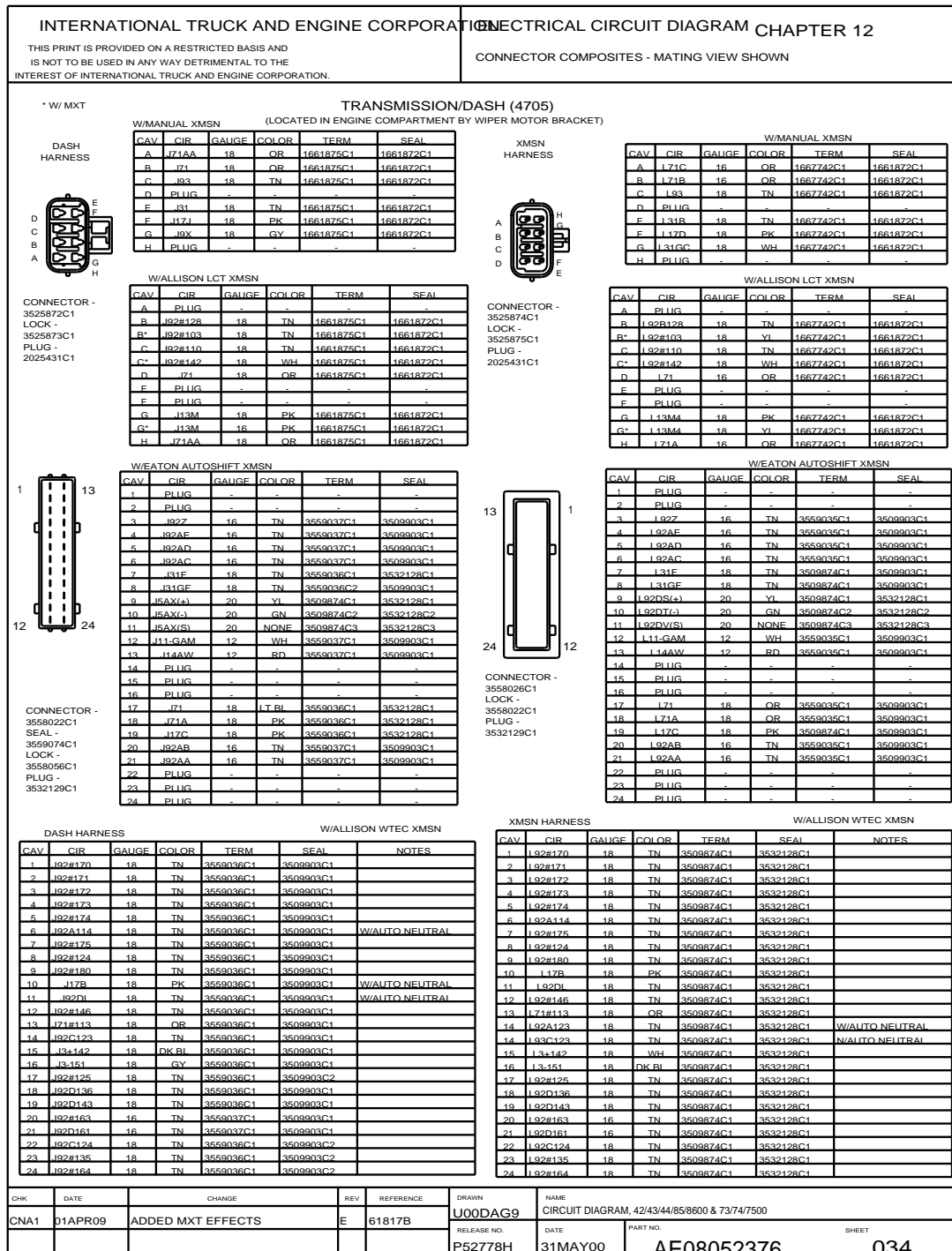


Figure 234 Connector Composite (4705)

12.42. CONNECTOR COMPOSITES (4705F32), (4705F3), (4712F), (4713F), (4810), (4820), (4830), P. 35

INTERNATIONAL TRUCK AND ENGINE CORPORATION ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12  
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION. CONNECTOR COMPOSITES - MATING VIEW SHOWN

**XMSN/DASH (4712F)**  
CONNECTOR - 3525874C1  
LOCK - 3525875C1  
PLUG - 2025431C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	K71C	16	OR	1667742C1	1661872C1
A #	K71E	16	OR	1667742C1	1661872C1
B	K71R	16	OR	1667742C1	1661872C1
B #	K71D	16	OR	1667742C1	1661872C1
B #	K928129	18	TN	1667742C1	3568570C1
B #	K928129	18	TN	1667742C1	3568570C1
C	K93	18	TN	1667742C1	1661872C1
C #	K928110	18	TN	1667742C1	3568570C1
D	K13A	16	PK	1667742C1	1661872C1
D #	K71	16	OR	1667742C1	1661872C1
E #	K31B	18	TN	1667742C1	1661872C1
E #	K31E	16	TN	1667742C1	1661872C1
E #	K17D	18	PK	1667742C1	3568570C1
E #	K17E	18	PK	1667742C1	3568570C1
G	K93-G	18	TN	1667742C1	1661872C1
G #	K31-GC	18	WH	1667742C1	1661872C1
G #	K31-GE	16	TN	1667742C1	1661872C1
G #	K13M4	18	PK	1667742C1	1661872C1
H #	K11-G	16	WH	1667742C1	1661872C1
H #	K71A	16	OR	1667742C1	1661872C1

**DASH/XMSN (4713F)**  
CONNECTOR - 3538635C1  
LOCK - 3538636C1  
PLUG - 2025431C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	K13AA	16	PK	1661875C1	1661872C1
B	K11-GB	16	WH	1661875C1	1661872C1
C	K11-GC	16	WH	1661875C1	1661872C1
D	K14AA	16	RD	1661875C1	1661872C1
F	K3AA	16	DKBI	1661875C1	1661872C1
F	K3AB	16	GY	1661875C1	1661872C1
G	K71D	16	OR	1661875C1	1661872C1
H	K71E	16	OR	1661875C1	1661872C1
J	K31D	16	TN	1661875C1	1661872C1
K	K31-GD	16	TN	1661875C1	1661872C1

**BACKUP LIGHT TURN SIGNAL SPLICE (4810)**  
(LOCATED NEAR POWER DISTRIBUTION CENTER)  
CONNECTOR - 3543733C1  
LOCK - 3543732C1  
PLUG - 3535425C1  
BUS BAR - 3543736C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
	RIGHT			BUS	BAR	
A	J57AA	16	OR	3535303C1	3535424C1	
B	J57A	16	OR	3535303C1	3535424C1	
C	J57H	16	OR	3535303C1	3535424C1	
D	J57BC	16	OR	3535303C1	3535424C1	
	LEFT			BUS	BAR	
F	J56AA	16	OR	3535303C1	3535424C1	
F	J56A	16	OR	3535303C1	3535424C1	
G	J56H	16	OR	3535303C1	3535424C1	
H	J56BC	16	OR	3535303C1	3535424C1	
	BACK			LIGHT	BUS	BAR
I	J71A	18	OR	3535303C1	3535424C1	
K	J71BB	18	OR	3535303C1	3535424C1	
L	J71AA	18	OR	3535303C1	3535424C1	W/MANUAL XMSN
L	J71AA	18	OR	3535303C1	3535424C1	W/ALL IRON ICT
L	J71B	18	OR	3535303C1	3535424C1	W/ALL IRON WTEC
L*	J71B	18	OR	3535303C1	3535424C1	W/ALL IRON ICT
L	J71A	18	OR	3535303C1	3535424C1	W/EATON ALTOQUIET
M	J71BK	18	ITGN	3535303C1	3535424C1	W/BACKUP CAMERA

**XMSN / DASH CONN (4705F32)**  
CONNECTOR - 3558026C1  
BODY LOCK - 3558056C1

CAV	CIRCUIT	GAUGE	COLOR
7	GPS	18	PL
13	L92#165	18	TN

**J1708 & 5 VOLT REF SPLICE (4820)**  
(LOCATED NEAR WIPER MOTOR BRACKET)  
CONNECTOR - 3543733C1  
LOCK - 3543732C1  
PLUG - 3535425C1  
BUS BAR - 3543736C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES
A	J6BA	18	GY	3535303C1	3535424C1	
B	J6A	18	GY	3535303C1	3535424C1	
C	J6E	18	LTGN	3535303C1	3535424C1	
D	PLUG	-	-	-	-	
	DATA			LINK	BUS BAR	
F	J3A(+)	18	DK BI	3535303C1	3535424C1	
F	J3B(+)	18	DK BI	3535303C1	3535424C1	
G	J3D(+)	18	DK BI	3535303C1	3535424C1	RNDX AIR ABS
G	J3A(-)	18	DK BI	3535303C1	3535424C1	W/ABCO AIR ABS
G	J3C(+)	18	DK BI	3535303C1	3535424C1	W/HYD ABS
G*	J3C(+)	20	DK BI	3535303C1	3535424C1	W/HYD ABS
H	J3+142	18	DK BI	3535303C1	3535424C1	
	DATA			LINK	NEGATIVE	BUS BAR
I	J3A(-)	18	GY	3535303C1	3535424C1	
K	J3B(-)	18	GY	3535303C1	3535424C1	
L	J3D(-)	18	GY	3535303C1	3535424C1	RNDX AIR ABS
L	J3A(-)	18	GY	3535303C1	3535424C1	W/ABCO AIR ABS
L	J3C(-)	18	GY	3535303C1	3535424C1	W/HYD ABS
L*	J3C(-)	20	GY	3535303C1	3535424C1	W/HYD ABS
M	J3-151	18	GY	3535303C1	3535424C1	

**XMSN / DASH CONN (4705F3)**  
CONNECTOR - 3525874C1  
BODY LOCK - 3525875C1

CAV	CIRCUIT	GAUGE	COLOR
B	L92B103	18	YL
C	L92#142	18	WH
G	L13M4	18	YL

**ELECTRONIC REF GROUND SPLICE (4830)**  
(LOCATED NEAR POWER DISTRIBUTION CENTER)  
CONNECTOR - 3543733C1  
LOCK - 3543732C1  
PLUG - 3535425C1  
BUS BAR - 3543736C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	J9G	18	GY	3535303C1	3535424C1
B	J9A	18	GY	3535303C1	3535424C1
C	PLUG	-	-	3537145C1	-
D	J9FA	18	GY	3535303C1	3535424C1
E	PLUG	-	-	3537145C1	-
F	PLUG	-	-	3537145C1	-
G	J9J	20	GY	3535302C1	3535424C1
H	J9K	20	GY	3535302C1	3535424C1
I	J9Y	20	GY	3535302C1	3535424C1
K	PLUG	-	-	3537145C1	-
L	J9X	18	GY	3535303C1	3535424C1
M	J9H	18	GY	3535303C1	3535424C1

**ELECTRONIC REF GROUND SPLICE (4830)**  
(LOCATED NEAR POWER DISTRIBUTION CENTER)  
CONNECTOR - 3543733C1  
LOCK - 3543732C1  
PLUG - 3535425C1  
BUS BAR - 3543736C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	31MAR09	ADDED MXT EFFECTS	G	61817B	U00EDL2	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					P52778H	31MAY00
						PART NO.
						AE08052376
						SHEET
						035

Figure 235 Connector Composites (4705F32), (4705F3), (4712F), (4713F), (4810), (4820), (4830)

12.43. CONNECTOR COMPOSITES (4840), (4850), (4900), (4906), (4910), P. 36

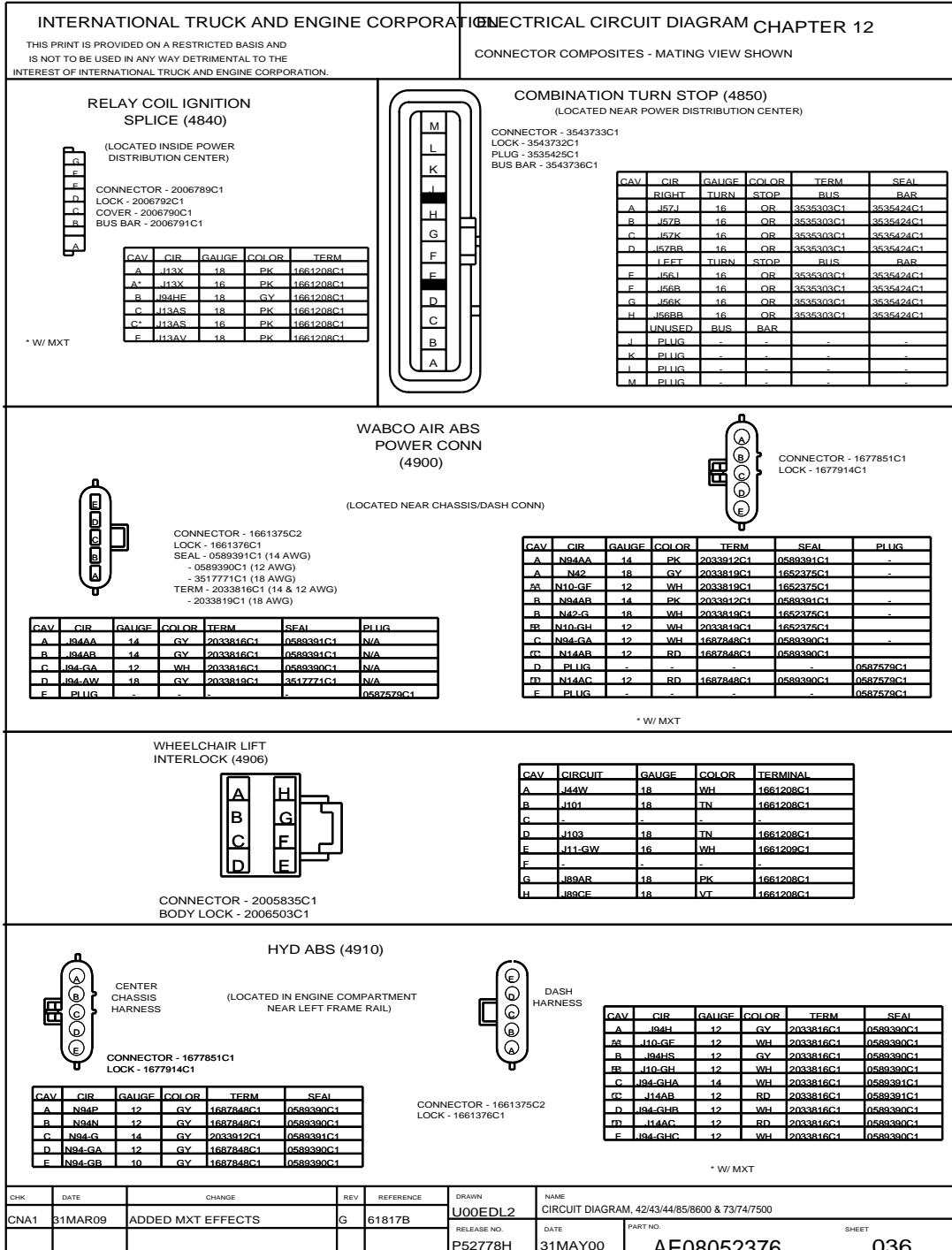


Figure 236 Connector Composites (4840), (4850), (4900), (4906), (4910)

12.44. CONNECTOR COMPOSITES (4921), (4922), (4950), (4953), (4954), P. 36A

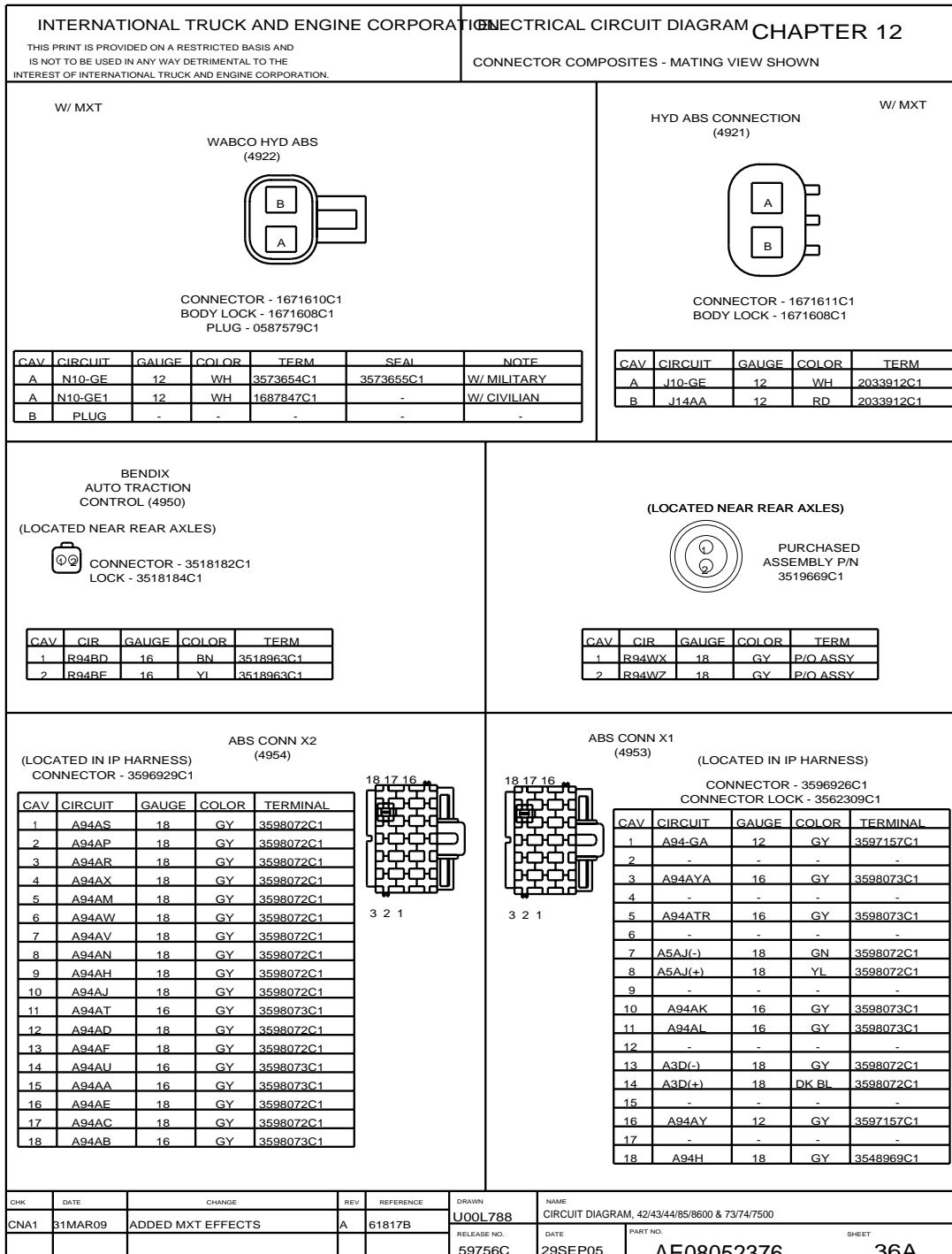


Figure 237 Connector Composites (4921), (4922), (4950), (4953), (4954)

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

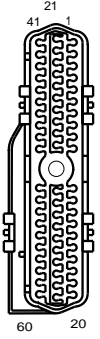
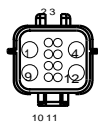
INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																																																																																																																																																																																																																																																																																																																																													
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																																																																																																																																																																																																																																																													
<p>CEC (6007) (LOCATED ON ENGINE ECM)</p>  <p>CONNECTOR - 3541979C1                  LOCK - 2041418C1                  PLUG - 2041421C2                  COVER - 3541958C91</p>																																																																																																																																																																																																																																																																																																																																																																																		
	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GALUGE</th><th>COLOR</th><th>TERM</th> <th>CAV</th><th>CIR</th><th>GALUGE</th><th>COLOR</th><th>TERM</th><th>NOTES</th> </tr> </thead> <tbody> <tr><td>1</td><td>K97V</td><td>14</td><td>VT</td><td>2041420C1</td><td>31</td><td>K46A</td><td>18</td><td>GY</td><td>2041419C1</td><td></td></tr> <tr><td>2</td><td>K97P</td><td>14</td><td>VT</td><td>2041420C1</td><td>32</td><td>K46B</td><td>18</td><td>GY</td><td>2041419C1</td><td></td></tr> <tr><td>3</td><td>K97C</td><td>18</td><td>VT</td><td>2041419C1</td><td>33</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td></td></tr> <tr><td>4</td><td>K97HE</td><td>18</td><td>VT</td><td>2041419C1</td><td>34</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td></td></tr> <tr><td>5</td><td>K97DD</td><td>18</td><td>VT</td><td>2041419C1</td><td>35</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td></td></tr> <tr><td>6</td><td>K97HM</td><td>18</td><td>VT</td><td>2041419C1</td><td>36</td><td>K97CC</td><td>18</td><td>VT</td><td>2041419C1</td><td></td></tr> <tr><td>7</td><td>K97WA</td><td>18</td><td>VT</td><td>2041419C1</td><td>37</td><td>K97CB</td><td>18</td><td>VT</td><td>2041419C1</td><td></td></tr> <tr><td>8</td><td>K99T</td><td>18</td><td>VT</td><td>2041419C1</td><td>38</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td></td></tr> <tr><td>9</td><td>K97XC</td><td>18</td><td>VT</td><td>2041419C1</td><td>39</td><td>K47</td><td>18</td><td>GY</td><td>2041419C1</td><td></td></tr> <tr><td>10</td><td>K34A</td><td>18</td><td>TN</td><td>2041419C1</td><td>40</td><td>K47A</td><td>18</td><td>GY</td><td>2041419C1</td><td></td></tr> <tr><td>11</td><td>K97D</td><td>18</td><td>VT</td><td>2041419C1</td><td>41</td><td>K97I</td><td>14</td><td>PI</td><td>2041420C1</td><td></td></tr> <tr><td>12</td><td>K97F</td><td>16</td><td>VT</td><td>2041420C1</td><td>42</td><td>K97Y</td><td>14</td><td>VT</td><td>2041420C1</td><td></td></tr> <tr><td>13</td><td>K97EA</td><td>18</td><td>VT</td><td>2041419C1</td><td>43</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td></td></tr> <tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td>44</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td></td></tr> <tr><td>15</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td>45</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td></td></tr> <tr><td>16</td><td>K3A(+)</td><td>18</td><td>DK BL</td><td>2041419C1</td><td>46</td><td>K17M</td><td>18</td><td>WH</td><td>2041419C1</td><td></td></tr> <tr><td>17</td><td>K3B(-)</td><td>18</td><td>GY</td><td>2041419C1</td><td>46</td><td>K17L</td><td>18</td><td>PK</td><td>2041419C1</td><td></td></tr> <tr><td>18</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td>47</td><td>K24A</td><td>18</td><td>GY</td><td>2041419C1</td><td>N/OVECRANK PROT</td></tr> <tr><td>19</td><td>K5B(+)</td><td>18</td><td>YL</td><td>2041419C1</td><td>48</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td>W/OVECRANK PROT</td></tr> <tr><td>20</td><td>K5B(-)</td><td>18</td><td>GN</td><td>2041419C1</td><td>49</td><td>K97HG</td><td>18</td><td>VT</td><td>2041419C1</td><td></td></tr> <tr><td>21</td><td>K97E</td><td>14</td><td>PI</td><td>2041420C1</td><td>50</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td></td></tr> <tr><td>22</td><td>K97Z</td><td>14</td><td>PI</td><td>2041420C1</td><td>51</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td></td></tr> <tr><td>23</td><td>K97N</td><td>14</td><td>VT</td><td>2041420C1</td><td>52</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td></td></tr> <tr><td>24</td><td>K97M</td><td>16</td><td>VT</td><td>2041420C1</td><td>53</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td></td></tr> <tr><td>25</td><td>K97J</td><td>16</td><td>VT</td><td>2041420C1</td><td>54</td><td>K97WI</td><td>18</td><td>VT</td><td>2041419C1</td><td></td></tr> <tr><td>26</td><td>K17B</td><td>18</td><td>VT</td><td>2041419C1</td><td>55</td><td>K97EW</td><td>18</td><td>VT</td><td>2041419C1</td><td></td></tr> <tr><td>27</td><td>K99S</td><td>18</td><td>VT</td><td>2041419C1</td><td>56</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td></td></tr> <tr><td>28</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td>57</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td></td></tr> <tr><td>29</td><td>K97K</td><td>18</td><td>VT</td><td>2041419C1</td><td>58</td><td>K47B</td><td>18</td><td>GY</td><td>2041419C1</td><td></td></tr> <tr><td>30</td><td>K99E</td><td>18</td><td>VT</td><td>2041419C1</td><td>59</td><td>K97AR</td><td>18</td><td>VT</td><td>2041419C1</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>60</td><td>PLUG</td><td>-</td><td>-</td><td>2663105C1</td><td></td></tr> </tbody> </table>																		CAV	CIR	GALUGE	COLOR	TERM	CAV	CIR	GALUGE	COLOR	TERM	NOTES	1	K97V	14	VT	2041420C1	31	K46A	18	GY	2041419C1		2	K97P	14	VT	2041420C1	32	K46B	18	GY	2041419C1		3	K97C	18	VT	2041419C1	33	PLUG	-	-	2663105C1		4	K97HE	18	VT	2041419C1	34	PLUG	-	-	2663105C1		5	K97DD	18	VT	2041419C1	35	PLUG	-	-	2663105C1		6	K97HM	18	VT	2041419C1	36	K97CC	18	VT	2041419C1		7	K97WA	18	VT	2041419C1	37	K97CB	18	VT	2041419C1		8	K99T	18	VT	2041419C1	38	PLUG	-	-	2663105C1		9	K97XC	18	VT	2041419C1	39	K47	18	GY	2041419C1		10	K34A	18	TN	2041419C1	40	K47A	18	GY	2041419C1		11	K97D	18	VT	2041419C1	41	K97I	14	PI	2041420C1		12	K97F	16	VT	2041420C1	42	K97Y	14	VT	2041420C1		13	K97EA	18	VT	2041419C1	43	PLUG	-	-	2663105C1		14	PLUG	-	-	2663105C1	44	PLUG	-	-	2663105C1		15	PLUG	-	-	2663105C1	45	PLUG	-	-	2663105C1		16	K3A(+)	18	DK BL	2041419C1	46	K17M	18	WH	2041419C1		17	K3B(-)	18	GY	2041419C1	46	K17L	18	PK	2041419C1		18	PLUG	-	-	2663105C1	47	K24A	18	GY	2041419C1	N/OVECRANK PROT	19	K5B(+)	18	YL	2041419C1	48	PLUG	-	-	2663105C1	W/OVECRANK PROT	20	K5B(-)	18	GN	2041419C1	49	K97HG	18	VT	2041419C1		21	K97E	14	PI	2041420C1	50	PLUG	-	-	2663105C1		22	K97Z	14	PI	2041420C1	51	PLUG	-	-	2663105C1		23	K97N	14	VT	2041420C1	52	PLUG	-	-	2663105C1		24	K97M	16	VT	2041420C1	53	PLUG	-	-	2663105C1		25	K97J	16	VT	2041420C1	54	K97WI	18	VT	2041419C1		26	K17B	18	VT	2041419C1	55	K97EW	18	VT	2041419C1		27	K99S	18	VT	2041419C1	56	PLUG	-	-	2663105C1		28	PLUG	-	-	2663105C1	57	PLUG	-	-	2663105C1		29	K97K	18	VT	2041419C1	58	K47B	18	GY	2041419C1		30	K99E	18	VT	2041419C1	59	K97AR	18	VT	2041419C1							60	PLUG	-	-	2663105C1	
CAV	CIR	GALUGE	COLOR	TERM	CAV	CIR	GALUGE	COLOR	TERM	NOTES																																																																																																																																																																																																																																																																																																																																																																								
1	K97V	14	VT	2041420C1	31	K46A	18	GY	2041419C1																																																																																																																																																																																																																																																																																																																																																																									
2	K97P	14	VT	2041420C1	32	K46B	18	GY	2041419C1																																																																																																																																																																																																																																																																																																																																																																									
3	K97C	18	VT	2041419C1	33	PLUG	-	-	2663105C1																																																																																																																																																																																																																																																																																																																																																																									
4	K97HE	18	VT	2041419C1	34	PLUG	-	-	2663105C1																																																																																																																																																																																																																																																																																																																																																																									
5	K97DD	18	VT	2041419C1	35	PLUG	-	-	2663105C1																																																																																																																																																																																																																																																																																																																																																																									
6	K97HM	18	VT	2041419C1	36	K97CC	18	VT	2041419C1																																																																																																																																																																																																																																																																																																																																																																									
7	K97WA	18	VT	2041419C1	37	K97CB	18	VT	2041419C1																																																																																																																																																																																																																																																																																																																																																																									
8	K99T	18	VT	2041419C1	38	PLUG	-	-	2663105C1																																																																																																																																																																																																																																																																																																																																																																									
9	K97XC	18	VT	2041419C1	39	K47	18	GY	2041419C1																																																																																																																																																																																																																																																																																																																																																																									
10	K34A	18	TN	2041419C1	40	K47A	18	GY	2041419C1																																																																																																																																																																																																																																																																																																																																																																									
11	K97D	18	VT	2041419C1	41	K97I	14	PI	2041420C1																																																																																																																																																																																																																																																																																																																																																																									
12	K97F	16	VT	2041420C1	42	K97Y	14	VT	2041420C1																																																																																																																																																																																																																																																																																																																																																																									
13	K97EA	18	VT	2041419C1	43	PLUG	-	-	2663105C1																																																																																																																																																																																																																																																																																																																																																																									
14	PLUG	-	-	2663105C1	44	PLUG	-	-	2663105C1																																																																																																																																																																																																																																																																																																																																																																									
15	PLUG	-	-	2663105C1	45	PLUG	-	-	2663105C1																																																																																																																																																																																																																																																																																																																																																																									
16	K3A(+)	18	DK BL	2041419C1	46	K17M	18	WH	2041419C1																																																																																																																																																																																																																																																																																																																																																																									
17	K3B(-)	18	GY	2041419C1	46	K17L	18	PK	2041419C1																																																																																																																																																																																																																																																																																																																																																																									
18	PLUG	-	-	2663105C1	47	K24A	18	GY	2041419C1	N/OVECRANK PROT																																																																																																																																																																																																																																																																																																																																																																								
19	K5B(+)	18	YL	2041419C1	48	PLUG	-	-	2663105C1	W/OVECRANK PROT																																																																																																																																																																																																																																																																																																																																																																								
20	K5B(-)	18	GN	2041419C1	49	K97HG	18	VT	2041419C1																																																																																																																																																																																																																																																																																																																																																																									
21	K97E	14	PI	2041420C1	50	PLUG	-	-	2663105C1																																																																																																																																																																																																																																																																																																																																																																									
22	K97Z	14	PI	2041420C1	51	PLUG	-	-	2663105C1																																																																																																																																																																																																																																																																																																																																																																									
23	K97N	14	VT	2041420C1	52	PLUG	-	-	2663105C1																																																																																																																																																																																																																																																																																																																																																																									
24	K97M	16	VT	2041420C1	53	PLUG	-	-	2663105C1																																																																																																																																																																																																																																																																																																																																																																									
25	K97J	16	VT	2041420C1	54	K97WI	18	VT	2041419C1																																																																																																																																																																																																																																																																																																																																																																									
26	K17B	18	VT	2041419C1	55	K97EW	18	VT	2041419C1																																																																																																																																																																																																																																																																																																																																																																									
27	K99S	18	VT	2041419C1	56	PLUG	-	-	2663105C1																																																																																																																																																																																																																																																																																																																																																																									
28	PLUG	-	-	2663105C1	57	PLUG	-	-	2663105C1																																																																																																																																																																																																																																																																																																																																																																									
29	K97K	18	VT	2041419C1	58	K47B	18	GY	2041419C1																																																																																																																																																																																																																																																																																																																																																																									
30	K99E	18	VT	2041419C1	59	K97AR	18	VT	2041419C1																																																																																																																																																																																																																																																																																																																																																																									
					60	PLUG	-	-	2663105C1																																																																																																																																																																																																																																																																																																																																																																									
<p>ENGINE IDM2 (6011) (LOCATED NEAR ENGINE IDM)</p>  <p>CONNECTOR - 3549412C1 * W/ MXT</p>																																																																																																																																																																																																																																																																																																																																																																																		
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CNA1	01APR09	ADDED MXT EFFECTS	F	61817B	U00EDL2	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																																																																																																																																																																																																																																																																																																																																																												
					RELEASE NO.	DATE	PART NO.	SHEET																																																																																																																																																																																																																																																																																																																																																																										
					P52778H	31MAY00	AE08052376	037																																																																																																																																																																																																																																																																																																																																																																										

Figure 238 Connector Composites (6007), (6011)

12.46. CONNECTOR COMPOSITES (6013M), (6014), (6015), P. 38

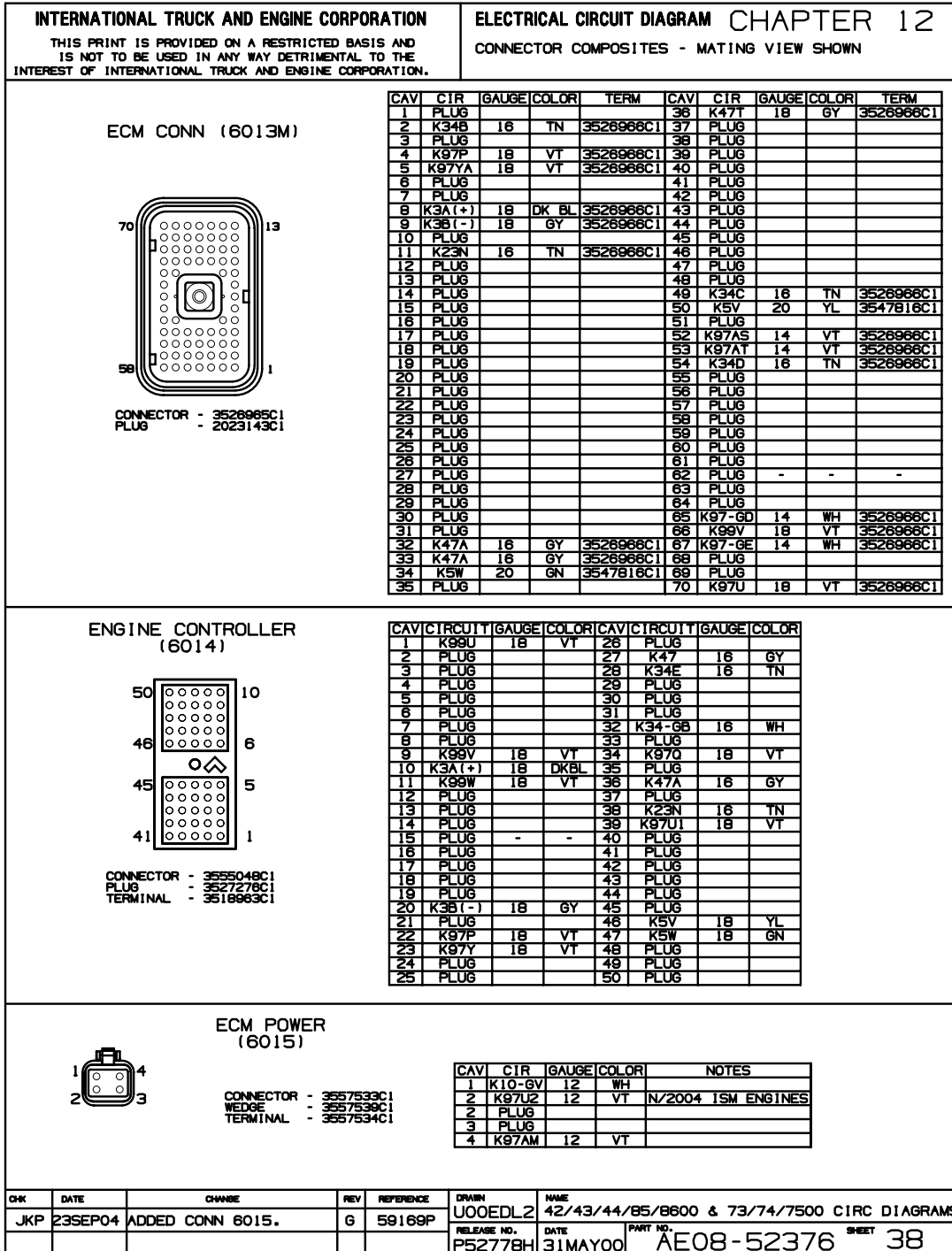
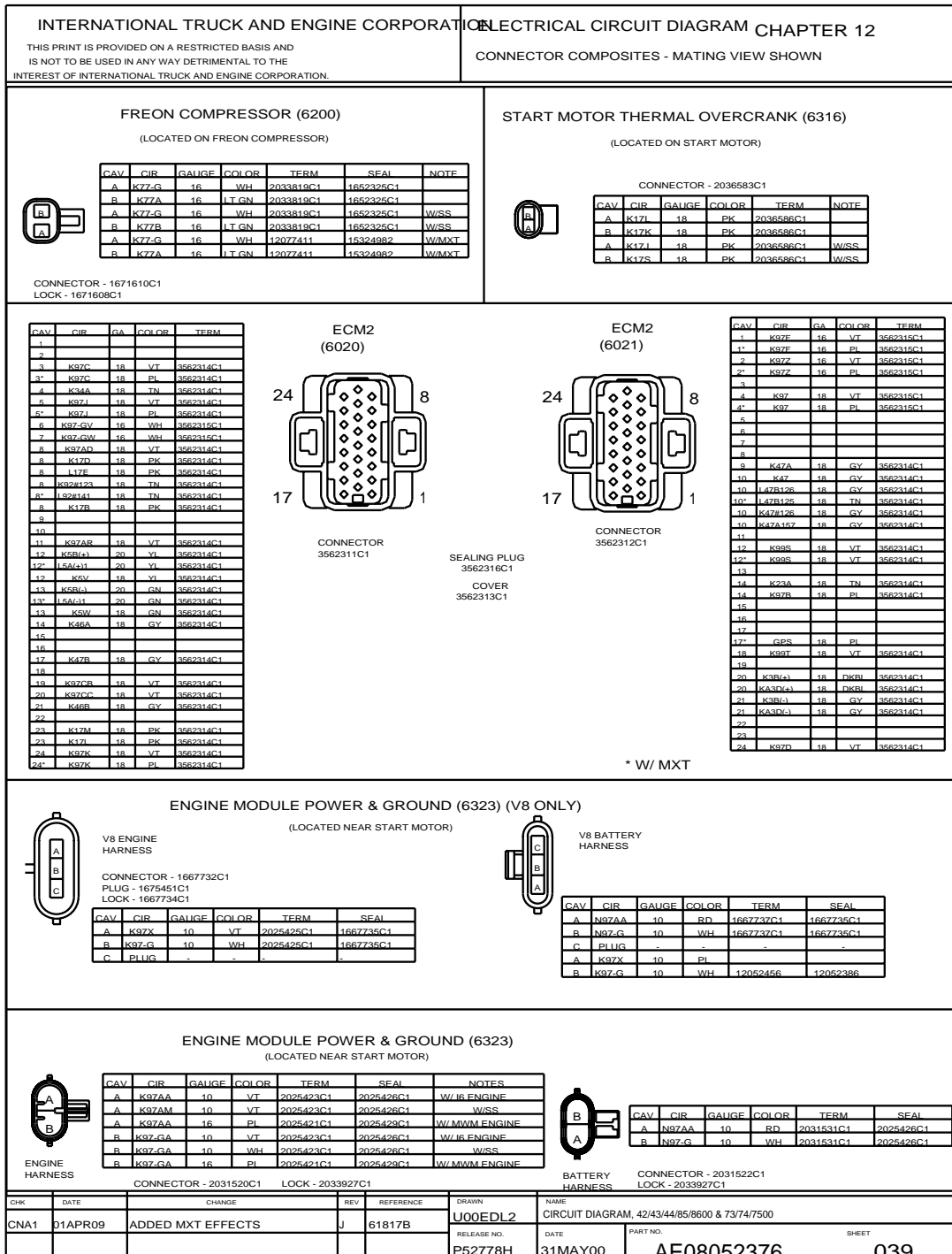


Figure 239 Connector Composites (6013M), (6014), (6015)

12.47. CONNECTOR COMPOSITES (6020), (6021), (6200), (6316), (6323), P. 39



12.48. CONNECTOR COMPOSITES (6020), P. 39A

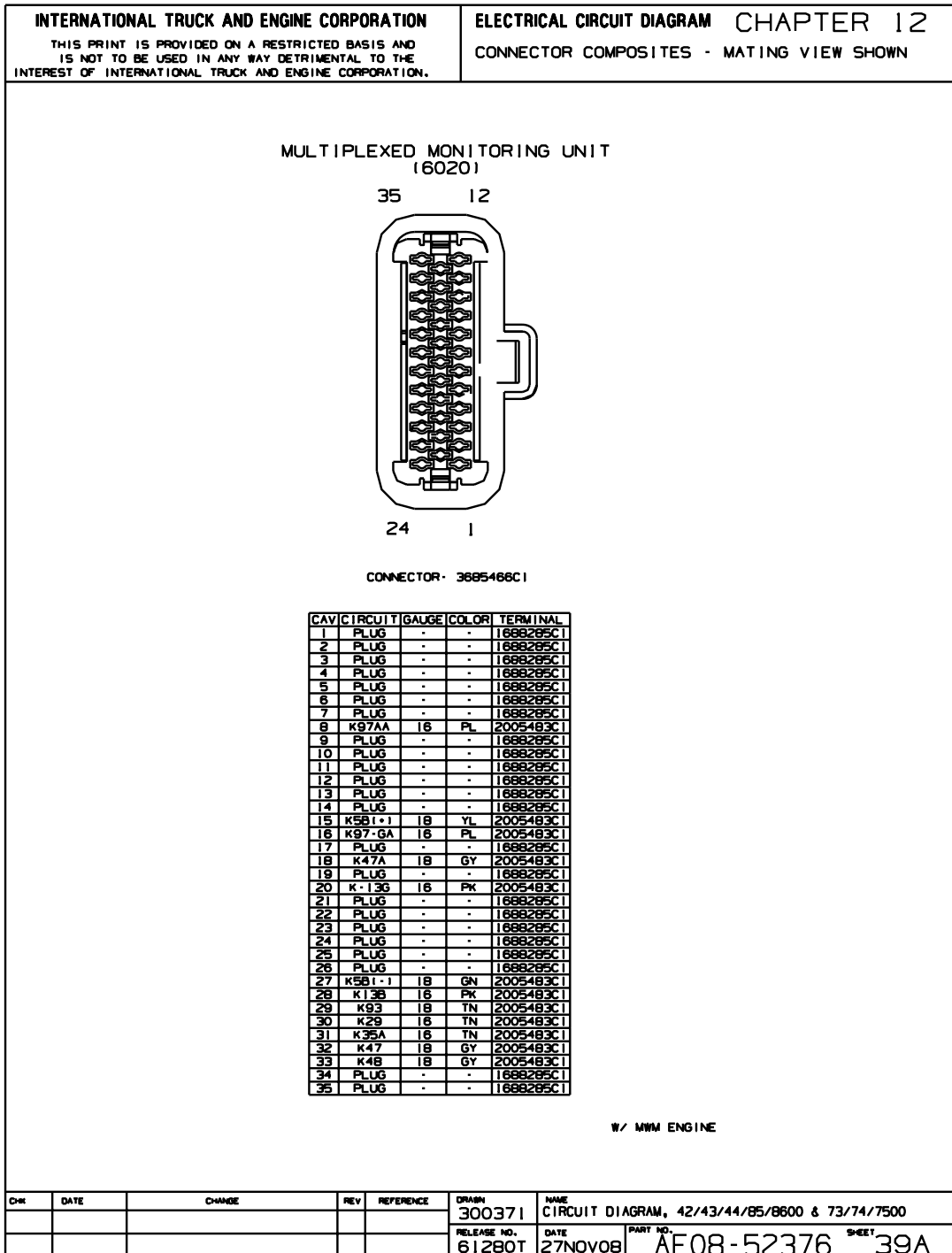
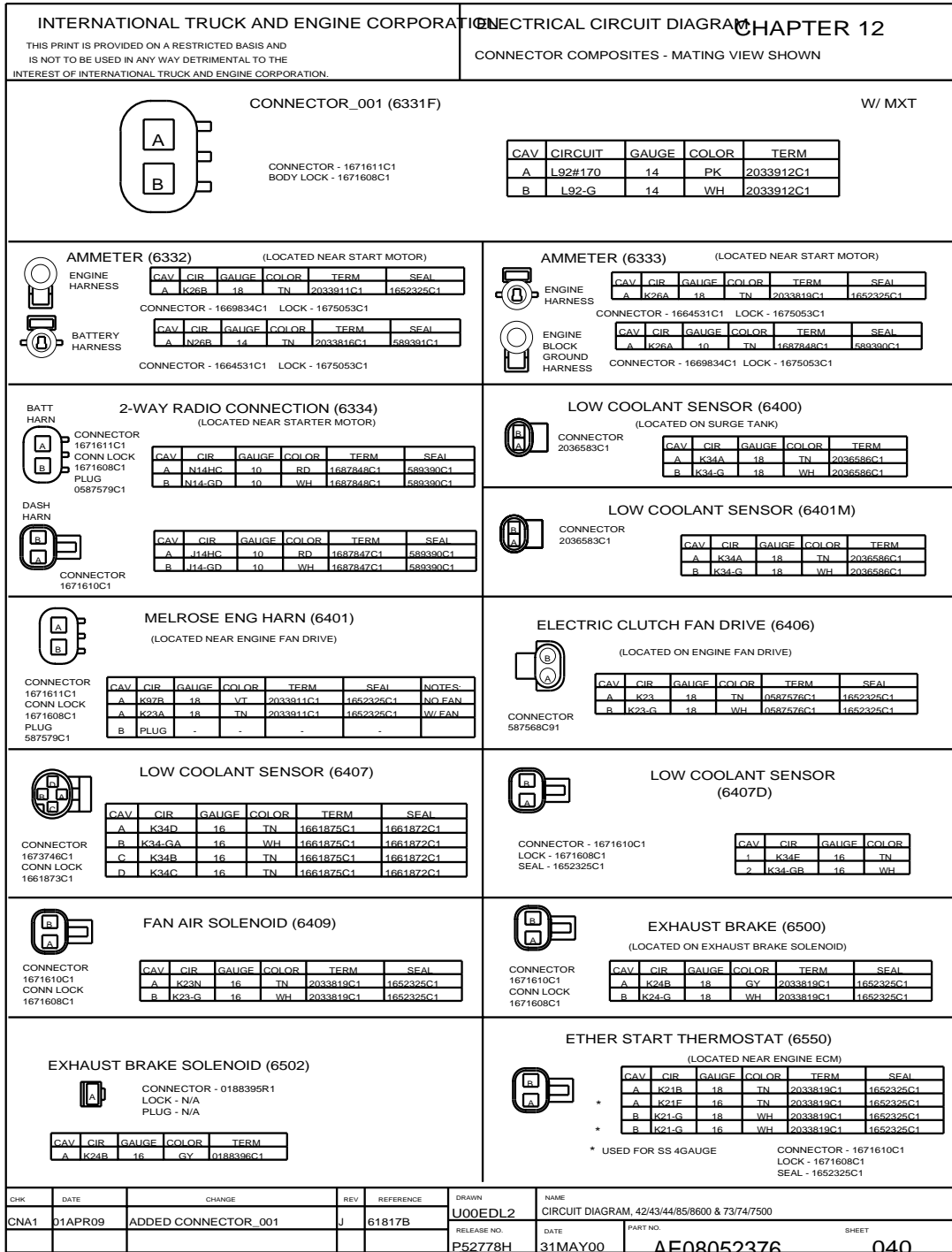


Figure 241 Connector Composites (6020)



**12.49. CONNECTOR COMPOSITES (6331F), (6332), (6333), (6334), (6400), (6401M), (6401), (6406), (6407), (6407D), (6409), (6500), (6502), (6550), P. 40**



**Figure 242 Connector Composites (6331F), (6332), (6333), (6334), (6400), (6401M), (6401), (6406), (6407), (6407D), (6409), (6500), (6502), (6550)**

**12.50. CONNECTOR COMPOSITES (6703), (6704), (6708), (6900A), (7103), (7104), (7104A), (7105), (7106), (7107), P. 41**

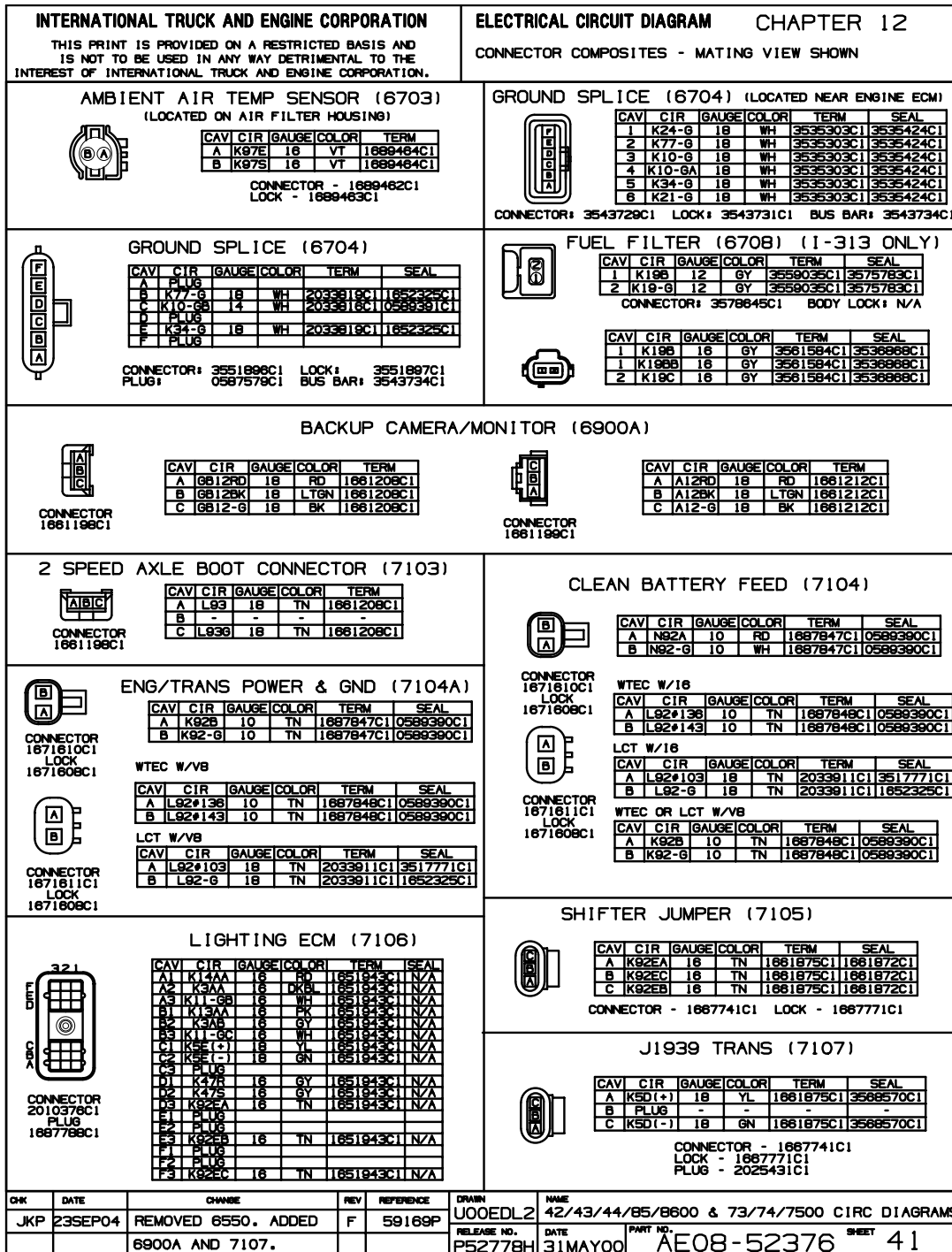


Figure 243 Connector Composites (6703), (6704), (6708), (6900A), (7103), (7104), (7104A), (7105), (7106), (7107)

12.51. CONNECTOR COMPOSITES (7111), (7150), P. 42


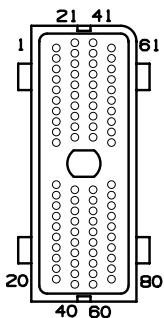
<b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>		<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12</b> CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																																																																																																																																																																																																
<b>MERITOR POWER (7111)</b>  CONNECTOR - 1871810C1 LOCK - 1871808C1		THIS SPACE INTENTIONALLY LEFT BLANK																																																																																																																																																																																																																																
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		<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K13A</td><td>18</td><td>PK</td><td>2033819C1</td><td>1852325C1</td></tr> <tr><td>B</td><td>K11-G</td><td>18</td><td>WH</td><td>2033819C1</td><td>1852325C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K13A	18	PK	2033819C1	1852325C1	B	K11-G	18	WH	2033819C1	1852325C1	<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>92#101</td><td>18</td><td>LT BL</td><td>3808047C1</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>92#103</td><td>18</td><td>YL</td><td>3808047C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>92#105</td><td>18</td><td>OR</td><td>3808047C1</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>5A108</td><td>18</td><td>GN</td><td>3808047C1</td></tr> <tr><td>9</td><td>92C109</td><td>18</td><td>GY</td><td>3808047C1</td></tr> <tr><td>10</td><td>92#110</td><td>18</td><td>PK</td><td>3808047C1</td></tr> <tr><td>11</td><td>92#111</td><td>18</td><td>OR</td><td>3808047C1</td></tr> <tr><td>12</td><td>92#112</td><td>18</td><td>PK</td><td>3808047C1</td></tr> <tr><td>13</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>14</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>15</td><td>92#115</td><td>18</td><td>WH</td><td>3808047C1</td></tr> <tr><td>16</td><td>92#116</td><td>18</td><td>LT BL</td><td>3808047C1</td></tr> <tr><td>17</td><td>92#117</td><td>18</td><td>LT BL</td><td>3808047C1</td></tr> <tr><td>18</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>19</td><td>92#119</td><td>18</td><td>LT BL</td><td>3808047C1</td></tr> <tr><td>20</td><td>92#120</td><td>18</td><td>LT BL</td><td>3808047C1</td></tr> <tr><td>21</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>22</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>23</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>24</td><td>92#124</td><td>18</td><td>WH</td><td>3808047C1</td></tr> <tr><td>25</td><td>47#125</td><td>18</td><td>TN</td><td>3808047C1</td></tr> <tr><td>26</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>27</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>28</td><td>5A128</td><td>18</td><td>YL</td><td>3808047C1</td></tr> <tr><td>29</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>30</td><td>92#130</td><td>18</td><td>WH</td><td>3808047C1</td></tr> <tr><td>31</td><td>92#131</td><td>18</td><td>YL</td><td>3808047C1</td></tr> <tr><td>32</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>33</td><td>92#133</td><td>18</td><td>YL</td><td>3808047C1</td></tr> <tr><td>34</td><td>92#134</td><td>18</td><td>YL</td><td>3808047C1</td></tr> <tr><td>35</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>36</td><td>92#136</td><td>18</td><td>OR</td><td>3808047C1</td></tr> <tr><td>37</td><td>92#137</td><td>18</td><td>WH</td><td>3808047C1</td></tr> <tr><td>38</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>39</td><td>48#139</td><td>18</td><td>OR</td><td>3808047C1</td></tr> <tr><td>40</td><td>47#140</td><td>18</td><td>LT GN</td><td>3808047C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	1	92#101	18	LT BL	3808047C1	2	-	-	-	-	3	92#103	18	YL	3808047C1	4	-	-	-	-	5	92#105	18	OR	3808047C1	6	-	-	-	-	7	-	-	-	-	8	5A108	18	GN	3808047C1	9	92C109	18	GY	3808047C1	10	92#110	18	PK	3808047C1	11	92#111	18	OR	3808047C1	12	92#112	18	PK	3808047C1	13	-	-	-	-	14	-	-	-	-	15	92#115	18	WH	3808047C1	16	92#116	18	LT BL	3808047C1	17	92#117	18	LT BL	3808047C1	18	-	-	-	-	19	92#119	18	LT BL	3808047C1	20	92#120	18	LT BL	3808047C1	21	-	-	-	-	22	-	-	-	-	23	-	-	-	-	24	92#124	18	WH	3808047C1	25	47#125	18	TN	3808047C1	26	-	-	-	-	27	-	-	-	-	28	5A128	18	YL	3808047C1	29	-	-	-	-	30	92#130	18	WH	3808047C1	31	92#131	18	YL	3808047C1	32	-	-	-	-	33	92#133	18	YL	3808047C1	34	92#134	18	YL	3808047C1	35	-	-	-	-	36	92#136	18	OR	3808047C1	37	92#137	18	WH	3808047C1	38	-	-	-	-	39	48#139	18	OR	3808047C1	40	47#140	18	LT GN	3808047C1
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52	92#152	18	LT GN	3808047C1																																																																																																																																																																																																																														
53	-	-	-	-																																																																																																																																																																																																																														
54	31#154	18	TN	3808047C1																																																																																																																																																																																																																														
55	92#155	18	WH	3808047C1																																																																																																																																																																																																																														
56	92#156	18	PK	3808047C1																																																																																																																																																																																																																														
57	92#157	18	WH	3808047C1																																																																																																																																																																																																																														
58	92#158	18	LT GN	3808047C1																																																																																																																																																																																																																														
59	48#159	18	TN	3808047C1																																																																																																																																																																																																																														
60	47#160	18	YL	3808047C1																																																																																																																																																																																																																														
61	92#161	18	OR	3808047C1																																																																																																																																																																																																																														
62	92#162	18	YL	3808047C1																																																																																																																																																																																																																														
63	92#163	18	YL	3808047C1																																																																																																																																																																																																																														
64	92#164	18	LT BL	3808047C1																																																																																																																																																																																																																														
65	71#165	18	TN	3808047C1																																																																																																																																																																																																																														
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67	-	-	-	-																																																																																																																																																																																																																														
68	-	-	-	-																																																																																																																																																																																																																														
69	92#169	18	GY	3808047C1																																																																																																																																																																																																																														
70	92#170	18	PK	3808047C1																																																																																																																																																																																																																														
71	92#171	18	YL	3808047C1																																																																																																																																																																																																																														
72	-	-	-	-																																																																																																																																																																																																																														
73	-	-	-	-																																																																																																																																																																																																																														
74	92#174	18	LT BL	3808047C1																																																																																																																																																																																																																														
75	92#175	18	OR	3808047C1																																																																																																																																																																																																																														
76	92#176	18	YL	3808047C1																																																																																																																																																																																																																														
77	92#177	18	LT GN	3808047C1																																																																																																																																																																																																																														
78	-	-	-	-																																																																																																																																																																																																																														
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80	92#180	18	OR	3808047C1																																																																																																																																																																																																																														
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																																																																																																																																												
CNA	21OCT05	ADDED CONN 7150.	E	59929F	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS																																																																																																																																																																																																																												
		RMVD: 7200, 7202, 7203.			RELEASE NO. P52778H	DATE 31MAY00	PART NO. AE08-52376	SHEET 42																																																																																																																																																																																																																										

Figure 244 Connector Composites (7111), (7150)

12.52. CONNECTOR COMPOSITE (7151), P. 42A

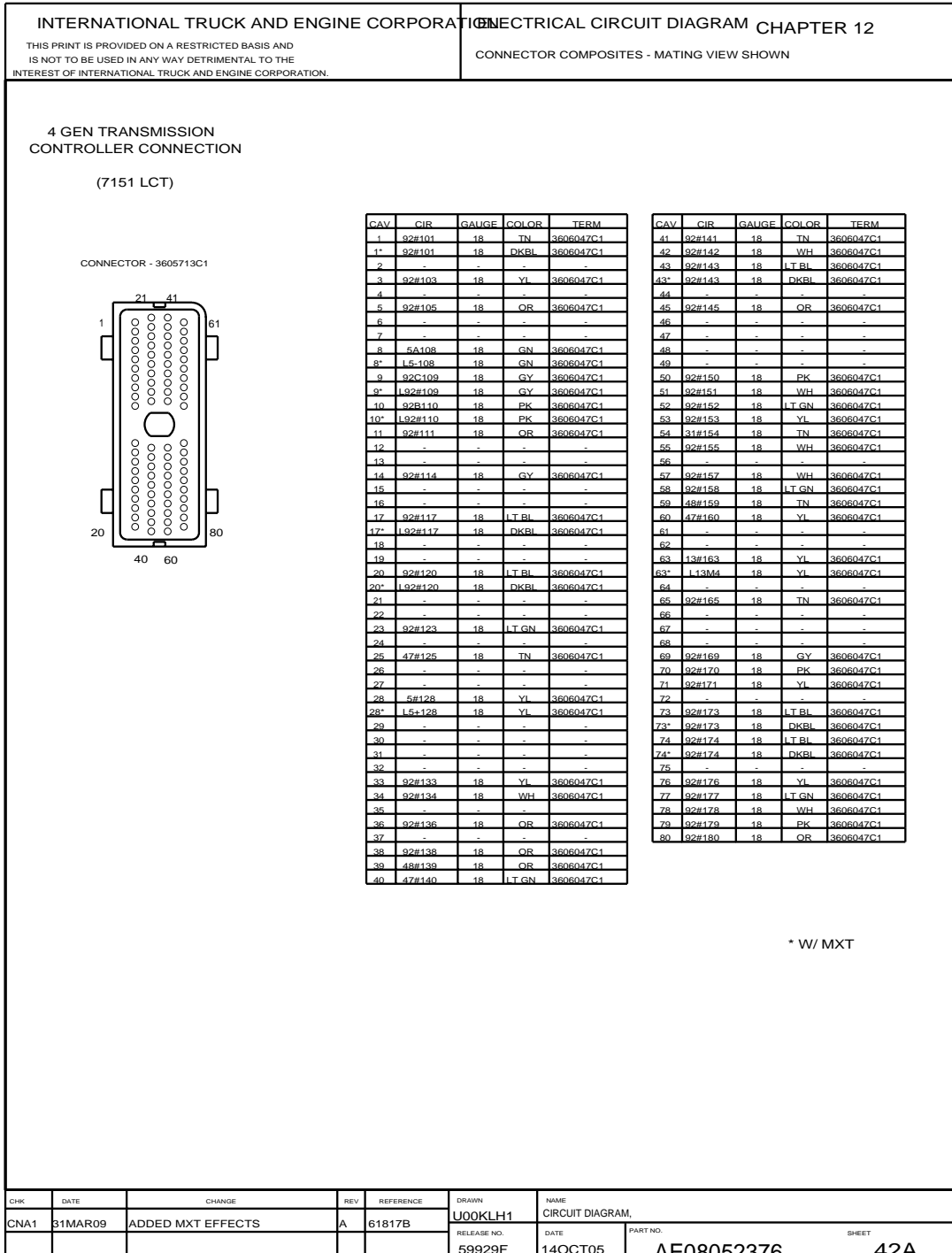


Figure 245 Connector Composite (7151)

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

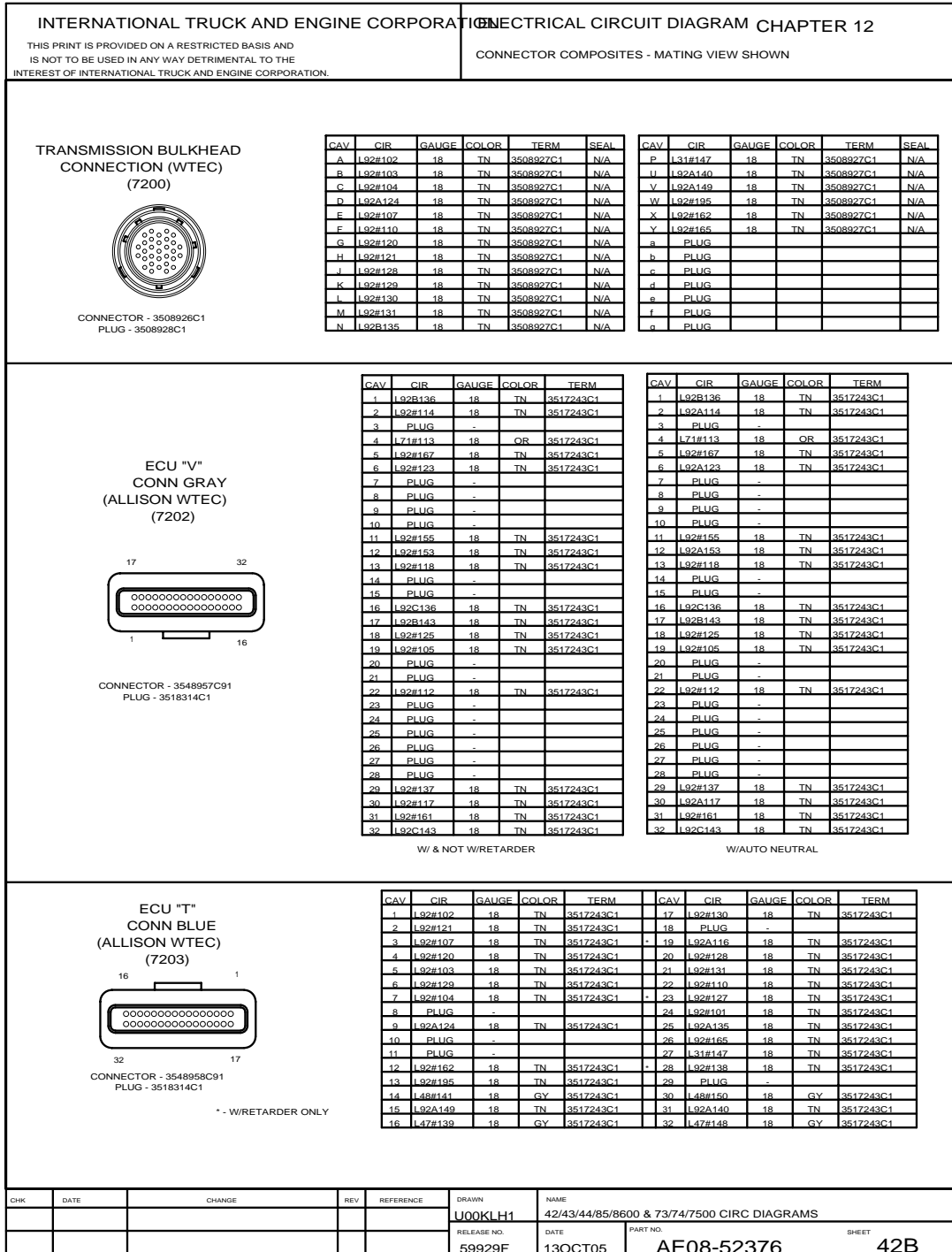


Figure 246 Connector Composites (7200), (7202), (7203)

12.54. CONNECTOR COMPOSITES (7204), (7205), (7206), (7208), (7211), (7212), (7213),  
P. 43

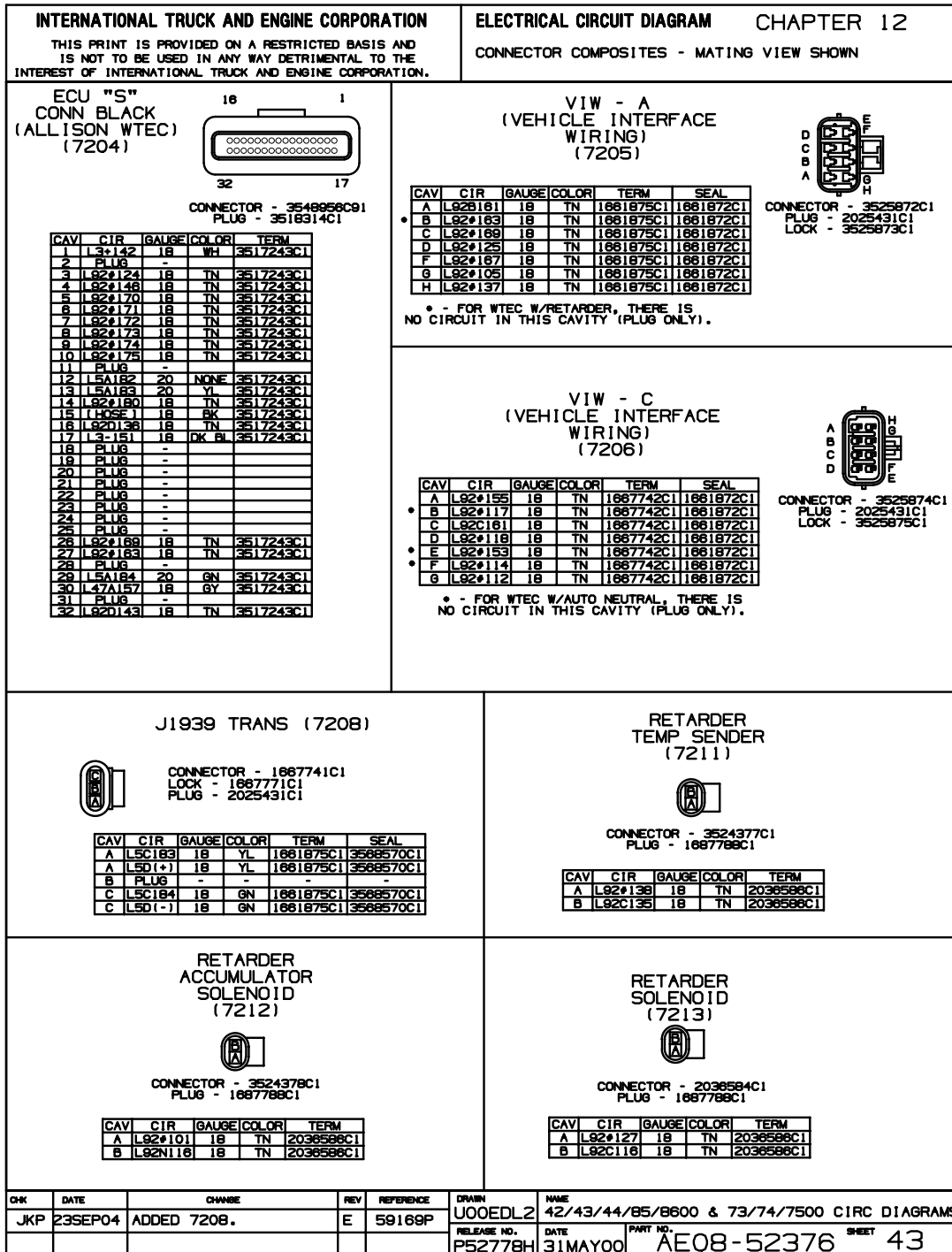
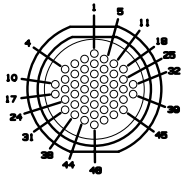


Figure 247 Connector Composites (7204), (7205), (7206), (7208), (7211), (7212), (7213)

12.55. CONNECTOR COMPOSITES (7214), (7250), (7251), P. 44

<p><b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b></p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p><b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12</b></p> <p>CONNECTOR COMPOSITES - MATING VIEW SHOWN</p>
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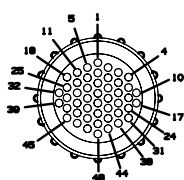
  



(7214F)

CONNECTOR - 3573045C91  
GASKET - 3566558C1  
JAM NUT - 3566557C1  
TERMINAL - 3566558C1

TCM BULKHEAD CONNECTION (7214)



(7214M)

CONNECTOR - 3573046C91  
BODY LOCK - 3566572C1  
TERMINAL - 3566558C1

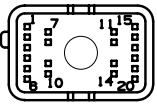
CAV	CIR	GAUGE	COLOR	CAV	CIR	GAUGE	COLOR
1	L47#139	18	GY	25	L92#167	18	TN
2	L47#148	18	GY	26	L92#105	18	TN
3	L92#170	18	TN	27	L92#143	18	TN
4	L92#171	18	TN	28	L92#143	18	TN
5	L92#172	18	TN	29	L92#137	18	TN
6	L92#173	18	TN	30	L92#155	18	TN
7	L92#174	18	TN	31	L92#117	18	TN
8	L92#175	18	TN	32	L92#149	18	TN
9	L92#124	18	TN	33	L92#118	18	TN
10	L49#141	18	GY	34	L92#153	18	TN
11	L92#180	18	TN	35	L92#114	18	TN
12	L92#148	18	TN	36	L92#112	18	TN
13	L71#113	18	OR	37	L58183	18	YL
14	L3#142	18	WH	38	L58184	18	GN
15	L3-151	18	DKBL	39	L92C140	18	TN
16	L92D138	18	TN	40	L47A157	18	GY
17	L49#150	18	GY	41	L17A	18	PK
18	L92D143	18	TN	42	-	-	-
19	L92#161	18	TN	43	-	-	-
20	L92#163	18	TN	44	-	-	-
21	L92F136	18	TN	45	-	-	-
22	L92E136	18	TN	46	-	-	-
23	L92#169	18	TN	47	-	-	-
24	L92#125	18	TN	48	-	-	-

CAV	CIR	GAUGE	COLOR	CAV	CIR	GAUGE	COLOR
1	L47#139	18	GY	25	L92#167	18	TN
2	L47#148	18	GY	26	L92#105	18	TN
3	L92#170	18	TN	27	L92#143	18	TN
4	L92#171	18	TN	28	L92C143	18	TN
5	L92#172	18	TN	29	L92#137	18	TN
6	L92#173	18	TN	30	L92#155	18	TN
7	L92#174	18	TN	31	L92#117	18	TN
8	L92#175	18	TN	32	L92C149	18	TN
9	L92#124	18	TN	33	L92#118	18	TN
10	L49#141	18	GY	34	L92#153	18	TN
11	L92#180	18	TN	35	L92#114	18	TN
12	L92#148	18	TN	36	L92#112	18	TN
13	L71#113	18	OR	37	L58183	18	YL
14	L3#142	18	WH	38	L58184	18	GN
15	L3-151	18	DKBL	39	L92C140	18	TN
16	L92D138	18	TN	40	L47A157	18	GY
17	L49#150	18	GY	41	L92#123	18	TN
18	L92D143	18	TN	42	-	-	-
19	L92#161	18	TN	43	-	-	-
20	L92#163	18	TN	44	-	-	-
21	L92B138	18	TN	45	-	-	-
22	L92C138	18	TN	46	-	-	-
23	L92#169	18	TN	47	-	-	-
24	L92#125	18	TN	48	-	-	-

WTEC TRANSMISSION BULKHEAD CONNECTOR (7250 & 7251)



CONNECTOR - 3805715C1

(7250 MED DUTY)

CAV	CIR	GAUGE	COLOR	TERM
1	92#111	18	OR	3808047C1
2	92#155	18	WH	3808047C1
3	92#177	18	LT GN	3808047C1
4	92#138	18	OR	3808047C1
5	92#152	18	LT GN	3808047C1
6	92#171	18	YL	3808047C1
7	-	-	-	-
8	92#174	18	LT BL	3808047C1
9	92#133	18	YL	3808047C1
10	92#151	18	WH	3808047C1
11	92#131	18	YL	3808047C1
12	92#137	18	WH	3808047C1
13	92#180	18	OR	3808047C1
14	92A120	18	LT BL	3808047C1
15	92#118	18	LT BL	3808047C1
16	92A112	18	PK	3808047C1
17	-	-	-	-
18	31#154	18	TN	3808047C1
19	92A158	18	LT GN	3808047C1
20	92#178	18	YL	3808047C1

(7251 HEAVY DUTY)

CAV	CIR	GAUGE	COLOR	TERM
1	92#111	18	OR	3808047C1
2	92#155	18	WH	3808047C1
3	92#177	18	LT GN	3808047C1
4	92#138	18	OR	3808047C1
5	92#152	18	LT GN	3808047C1
6	92#171	18	YL	3808047C1
7	-	-	-	-
8	92#174	18	LT BL	3808047C1
9	92#133	18	YL	3808047C1
10	92#151	18	WH	3808047C1
11	92A131	18	YL	3808047C1
12	92#137	18	WH	3808047C1
13	-	-	-	-
14	-	-	-	-
15	92#116	18	LT BL	3808047C1
16	92A112	18	PK	3808047C1
17	-	-	-	-
18	31#154	18	TN	3808047C1
19	92A158	18	LT GN	3808047C1
20	92#176	18	YL	3808047C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
	CNA 21OCT05	ADDED CONN 7250,7251.	G	59929F	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS
		RMVD: 7300,7301.			RELEASE NO. P52778H	DATE 31MAY00 PART NO. AE08-52376 SHEET 44

Figure 248 Connector Composites (7214), (7250), (7251)

12.56. CONNECTOR COMPOSITES (7300), (7301), P. 44A

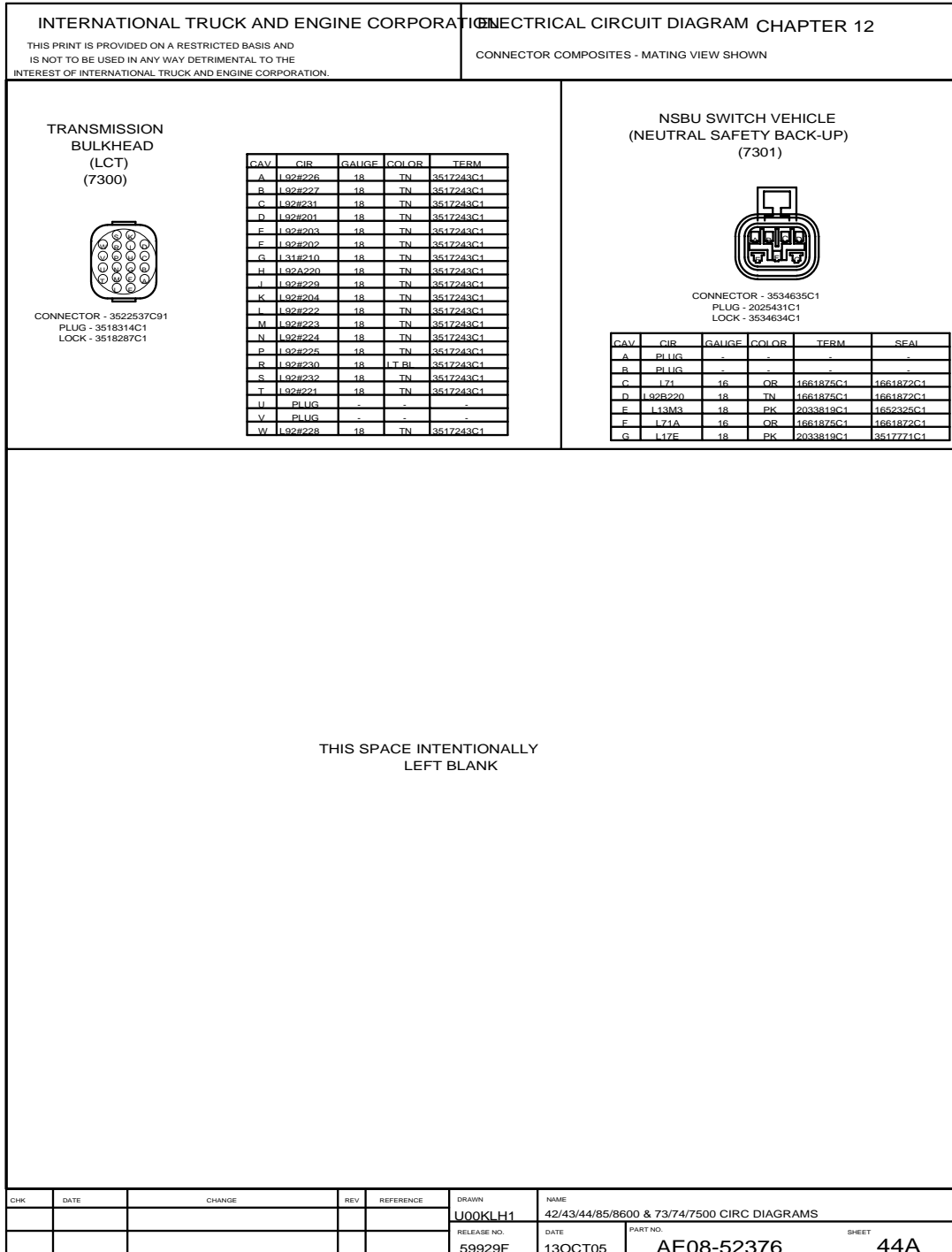
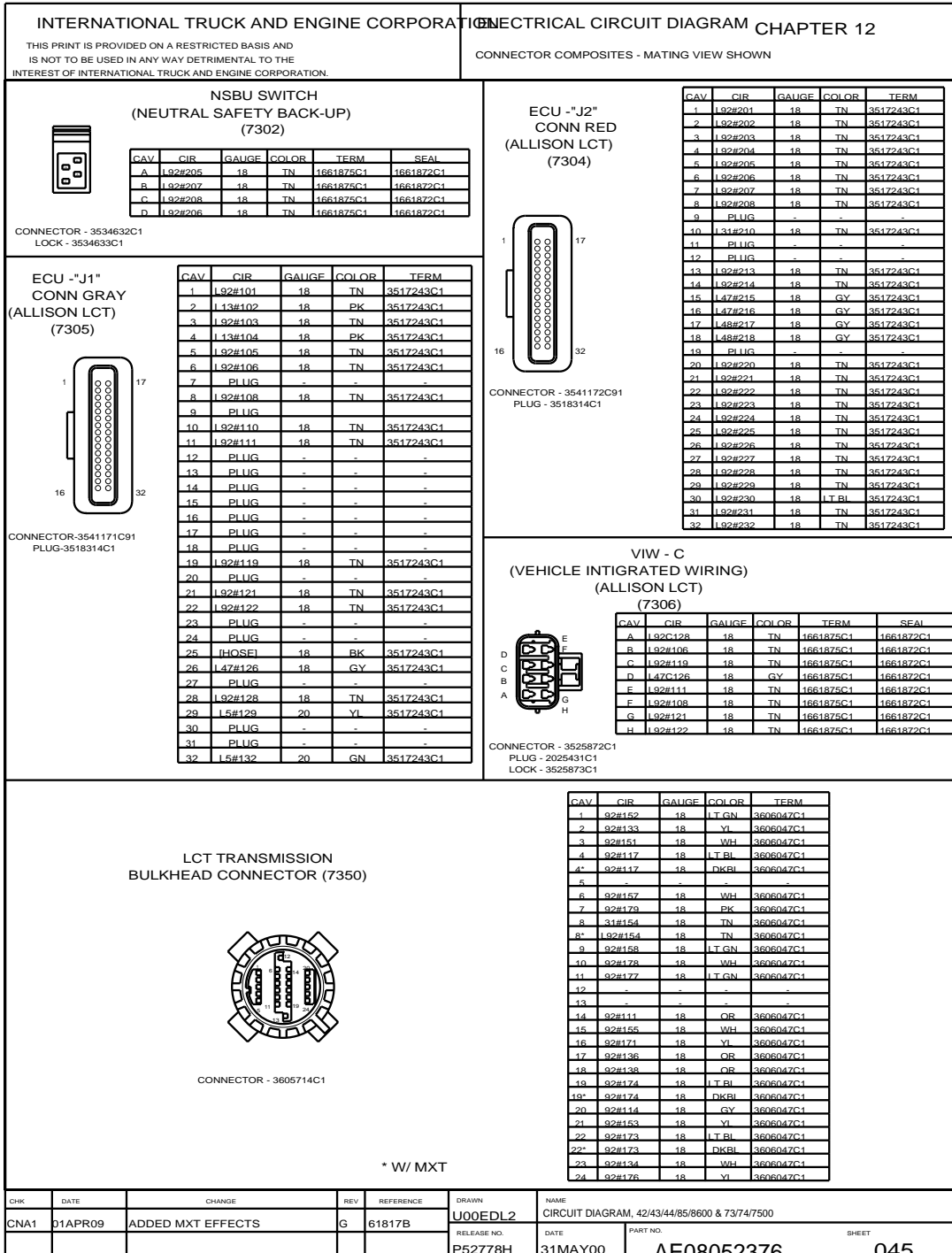


Figure 249 Connector Composites (7300), (7301)



12.57. CONNECTOR COMPOSITES (7302), (7304), (7305), (7306), (7350), P. 45



**LCT TRANSMISSION BULKHEAD CONNECTOR (7350)**



CONNECTOR - 3605714C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL
1	92#162	18	I.T.GN	3606047C1	
2	92#133	18	YL	3606047C1	
3	92#151	18	WH	3606047C1	
4	92#117	18	I.T.BL	3606047C1	
5	92#117	18	DKBL	3606047C1	
6	92#157	18	WH	3606047C1	
7	92#179	18	PK	3606047C1	
8	31#154	18	TN	3606047C1	
8*	I 92#154	18	TN	3606047C1	
9	92#158	18	I.T.GN	3606047C1	
10	92#178	18	WH	3606047C1	
11	92#177	18	I.T.GN	3606047C1	
12	-	-	-	-	-
13	-	-	-	-	-
14	92#111	18	OR	3606047C1	
15	92#155	18	WH	3606047C1	
16	92#171	18	YL	3606047C1	
17	92#136	18	OR	3606047C1	
18	92#138	18	OR	3606047C1	
19	92#174	18	I.T.BL	3606047C1	
19*	92#174	18	DKBL	3606047C1	
20	92#114	18	GY	3606047C1	
21	92#153	18	YL	3606047C1	
22	92#173	18	I.T.BL	3606047C1	
22*	92#173	18	DKBL	3606047C1	
23	92#134	18	WH	3606047C1	
24	92#176	18	YL	3606047C1	

\* W/ MXT

Figure 250 Connector Composites (7302), (7304), (7305), (7306), (7350)

12.58. CONNECTOR COMPOSITES (7500), (7502), (7503), (7600), (7601), P. 45A






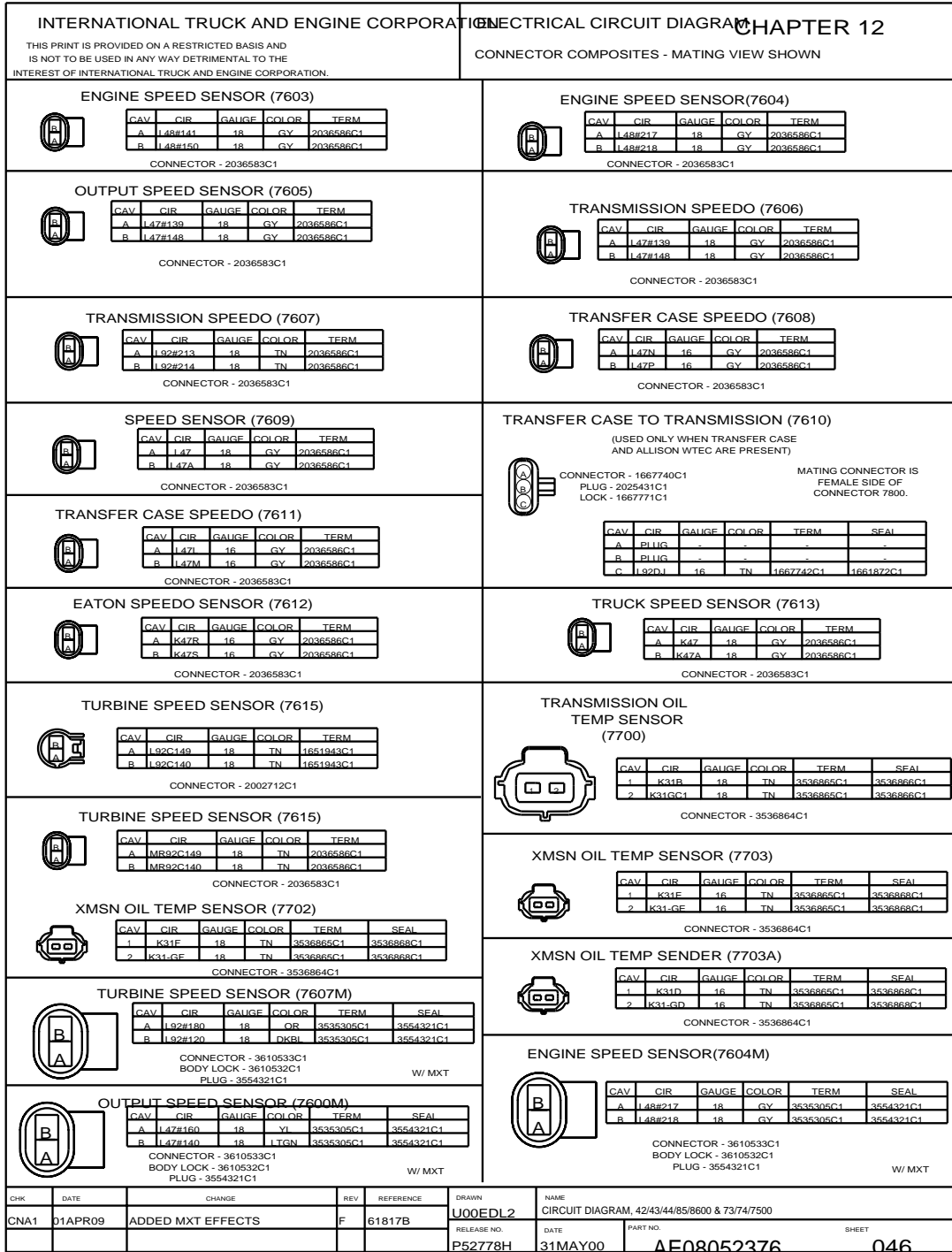
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																			
<p style="text-align: center;"><b>BACK-UP LIGHT SWITCH (7500)</b></p>  <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>L71B</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>A</td> <td>K71D</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>L71C</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>L71E</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p>CONNECTOR - 1661778C1                  PLUG - 1687788C1                  LOCK - 1661874C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	L71B	16	OR	1661875C1	1661872C1	A	K71D	16	OR	1661875C1	1661872C1	B	L71C	16	OR	1661875C1	1661872C1	B	L71E	16	OR	1661875C1	1661872C1	<p style="text-align: center;"><b>BACK-UP LIGHT (7502)</b></p>  <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>L71</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>L71A</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p>CONNECTOR - 1661778C1                  PLUG - 1687788C1                  LOCK - 1661874C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	L71	16	OR	1661875C1	1661872C1	B	L71A	16	OR	1661875C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																		
A	L71B	16	OR	1661875C1	1661872C1																																																		
A	K71D	16	OR	1661875C1	1661872C1																																																		
B	L71C	16	OR	1661875C1	1661872C1																																																		
B	L71E	16	OR	1661875C1	1661872C1																																																		
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																		
A	L71	16	OR	1661875C1	1661872C1																																																		
B	L71A	16	OR	1661875C1	1661872C1																																																		
<p style="text-align: center;"><b>BACK-UP LIGHT SWITCH (7503)</b></p>  <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K71D</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K71E</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p>CONNECTOR - 1661778C1                  PLUG - 1687788C1                  LOCK - 1661874C1</p>				CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	K71D	16	OR	1661875C1	1661872C1	B	K71E	16	OR	1661875C1	1661872C1	THIS SPACE INTENTIONALLY LEFT BLANK																																	
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																		
A	K71D	16	OR	1661875C1	1661872C1																																																		
B	K71E	16	OR	1661875C1	1661872C1																																																		
<p style="text-align: center;"><b>OUTPUT SPEED SENSOR (7600)</b></p>  <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>L47#215</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>L47#216</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	L47#215	18	GY	2036586C1	B	L47#216	18	GY	2036586C1	<p style="text-align: center;"><b>SPEEDO SENSOR (7601)</b></p>  <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K47</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K47A</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p>				CAV	CIR	GAUGE	COLOR	TERM	A	K47	18	GY	2036586C1	B	K47A	18	GY	2036586C1																		
CAV	CIR	GAUGE	COLOR	TERM																																																			
A	L47#215	18	GY	2036586C1																																																			
B	L47#216	18	GY	2036586C1																																																			
CAV	CIR	GAUGE	COLOR	TERM																																																			
A	K47	18	GY	2036586C1																																																			
B	K47A	18	GY	2036586C1																																																			
THIS SPACE INTENTIONALLY LEFT BLANK																																																							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																	
					U00KLH1	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS																																																	
					RELEASE NO.	DATE	PART NO. SHEET																																																
					59929F	13OCT05	AE08-52376 45A																																																

Figure 251 Connector Composites (7500), (7502), (7503), (7600), (7601)

**12.59. CONNECTOR COMPOSITES (7600M), (7603), (7604), (7604M), (7605), (7606), (7607), (7607M), (7608), (7609), (7610), (7611), (7612), (7613), (7615), (7700), (7702), (7703), (7703A), P. 46**



**Figure 252 Connector Composites (7600M), (7603), (7604), (7604M), (7605), (7606), (7607), (7607M), (7608), (7609), (7610), (7611), (7612), (7613), (7615), (7700), (7702), (7703), (7703A)**

12.60. CONNECTOR COMPOSITES (7800), (7801M), (7801R), (7803), (7899), P. 47









<p><b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b></p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p><b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12</b></p> <p>CONNECTOR COMPOSITES - MATING VIEW SHOWN</p>																																																																																																																																																																																																																																																																																																																																																													
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Figure 253 Connector Composites (7800), (7801M), (7801R), (7803), (7899)

12.61. CONNECTOR COMPOSITES (7900), (7901), (7905), (7906), P. 48

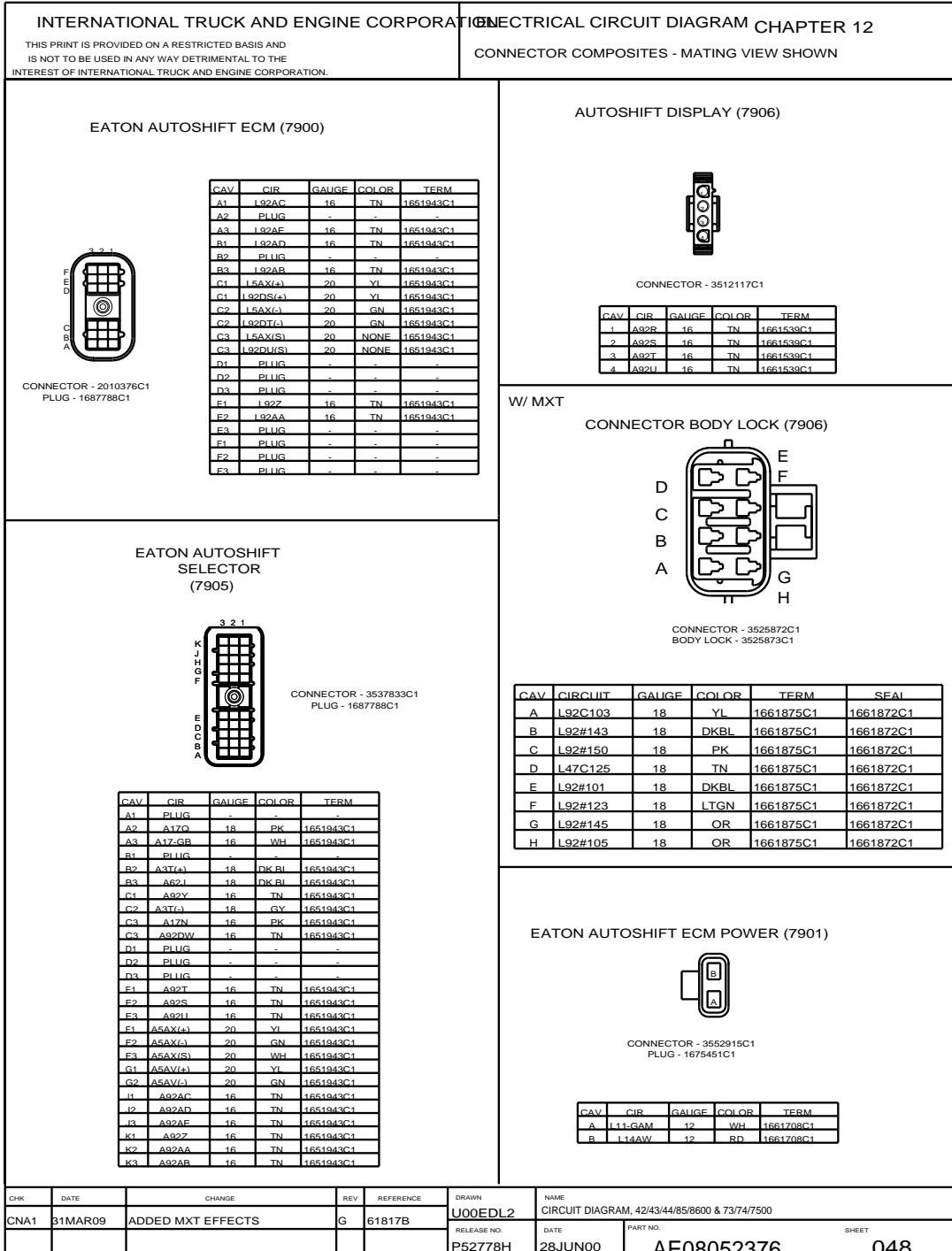


Figure 254 Connector Composites (7900), (7901), (7905), (7906)

12.62. CONNECTOR COMPOSITES (7909), (8000), (8001), (8102), (8150), (8151), (8200), P. 49

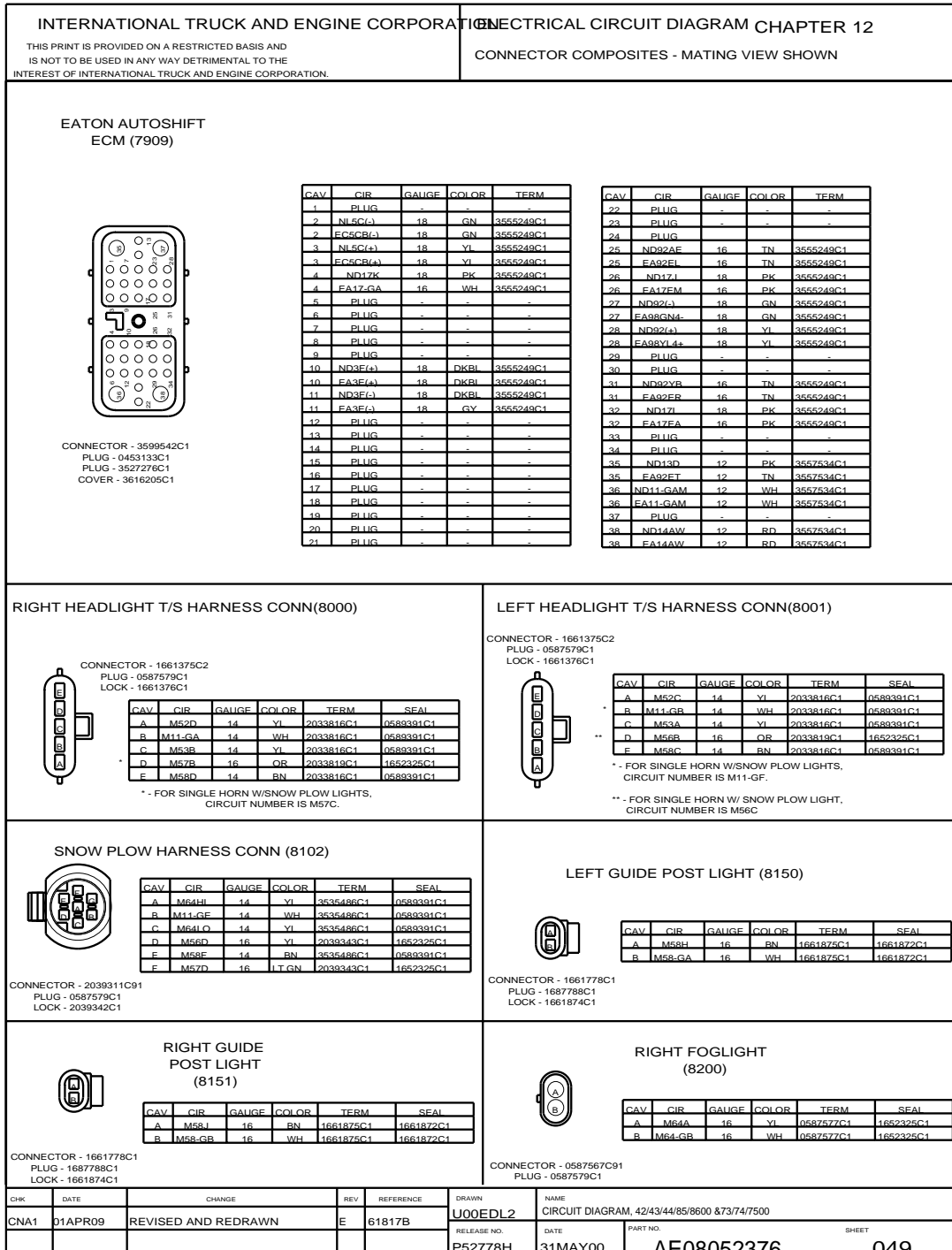












Figure 255 Connector Composites (7909), (8000), (8001), (8102), (8150), (8151), (8200)

**12.63. CONNECTOR COMPOSITES (8201), (8301), (8310), (8311), (8312), (8400), (8500), (8501), (8502), (8502A), P. 50**

INTERNATIONAL TRUCK AND ENGINE CORPORATION		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																											
<p style="text-align: center;"><b>LEFT FOGLIGHT (8201)</b></p>  <p style="text-align: center;">CONNECTOR - 0587567C91 PLUG - 0587579C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>M84B</td><td>16</td><td>YL</td><td>0587577C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>M84-GA</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M84B	16	YL	0587577C1	1652325C1	B	M84-GA	16	WH	0587577C1	1652325C1	<p style="text-align: center;"><b>ELECTRIC HORN (8301)</b></p>  <p style="text-align: center;">CONNECTOR - 1661778C1 PLUG - 1687788C1 LOCK - 1661874C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>M85E</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>M85-GA</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M85E	16	GY	1661875C1	1661872C1	B	M85-GA	16	WH	1661875C1	1661872C1																								
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<p style="text-align: center;"><b>DUAL ELECTRIC HORNS (8310)</b></p>  <p style="text-align: center;">CONNECTOR - 3543888C1 PLUG - 2025431C1 LOCK - 1661874C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>M85-I</td><td>16</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>M85-GC</td><td>16</td><td>WH</td><td>1667742C1</td><td>1661872C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M85-I	16	GY	1667742C1	1661872C1	B	M85-GC	16	WH	1667742C1	1661872C1	<p style="text-align: center;"><b>ELECTRIC HORN #1 (8311)</b></p>  <p style="text-align: center;">CONNECTOR - 1661778C1 PLUG - 1687788C1 LOCK - 1661874C1</p> <p style="text-align: center; font-size: x-small;">W/ SINGLE HORN</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>M85-L</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>M85-GC</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">W/ DUAL HORNS</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>M85K</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>A*</td><td>M85N</td><td>20</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>M85-GD</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">* W/ MXT</p>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M85-L	16	GY	1661875C1	1661872C1	B	M85-GC	16	WH	1661875C1	1661872C1	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M85K	16	GY	1661875C1	1661872C1	A*	M85N	20	GY	1661875C1	1661872C1	B	M85-GD	16	WH	1661875C1	1661872C1
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<p style="text-align: center;"><b>BENDIX LEFT ABS MODULATOR (8500)</b></p>  <p style="text-align: center;">CONNECTOR - 1686834C1 PLUG - 0587579C1 LOCK - 1664408C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>M94</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>M94A</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>M94B</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M94	18	GY	2033819C1	1652325C1	B	M94A	18	GY	2033819C1	1652325C1	C	M94B	18	GY	2033819C1	1652325C1	<p style="text-align: center;"><b>BENDIX RIGHT ABS MODULATOR (8501)</b></p>  <p style="text-align: center;">CONNECTOR - 1686834C1 PLUG - 0587579C1 LOCK - 1664408C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>M94H</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>M94J</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>M94K</td><td>18</td><td>GY</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M94H	18	GY	2033819C1	1652325C1	B	M94J	18	GY	2033819C1	1652325C1	C	M94K	18	GY	2033819C1	1652325C1												
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<p style="text-align: center;"><b>LEFT HYD ABS WHEEL SENSOR (8502)</b></p>  <p style="text-align: center; font-size: x-small;">PURCHASED ASSEMBLY P/N 3519878C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>IM94I</td><td>18</td><td>BK</td><td>ASSY</td></tr> <tr><td>2</td><td>IM94M</td><td>18</td><td>BN</td><td>ASSY</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	1	IM94I	18	BK	ASSY	2	IM94M	18	BN	ASSY	<p style="text-align: center;"><b>BENDIX LEFT AIR ABS WHEEL SENSOR (8502A)</b></p>  <p style="text-align: center;">CONNECTOR - 1684261C1 PLUG - 0453133C1 LOCK - 1684263C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>M94C</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>2</td><td>M94D</td><td>18</td><td>GY</td><td>1680205C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	1	M94C	18	GY	1680205C1	2	M94D	18	GY	1680205C1																														
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**Figure 256 Connector Composites (8201), (8301), (8310), (8311), (8312), (8400), (8500), (8501), (8502), (8502A)**

**12.64. CONNECTOR COMPOSITES (8503), (8503A), (8505), (8506), (8507), (8508), (8509), (8600), (8601), (8602), P. 51**






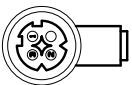
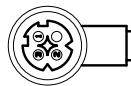



INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																									
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Figure 257 Connector Composites (8503), (8503A), (8505), (8506), (8507), (8508), (8509), (8600), (8601), (8602)



12.65. CONNECTOR COMPOSITES (8700), (8701), (8800), (8801), (8802), (8803), (8805), P. 52



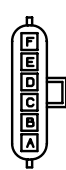
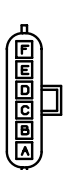
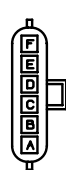
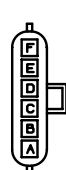

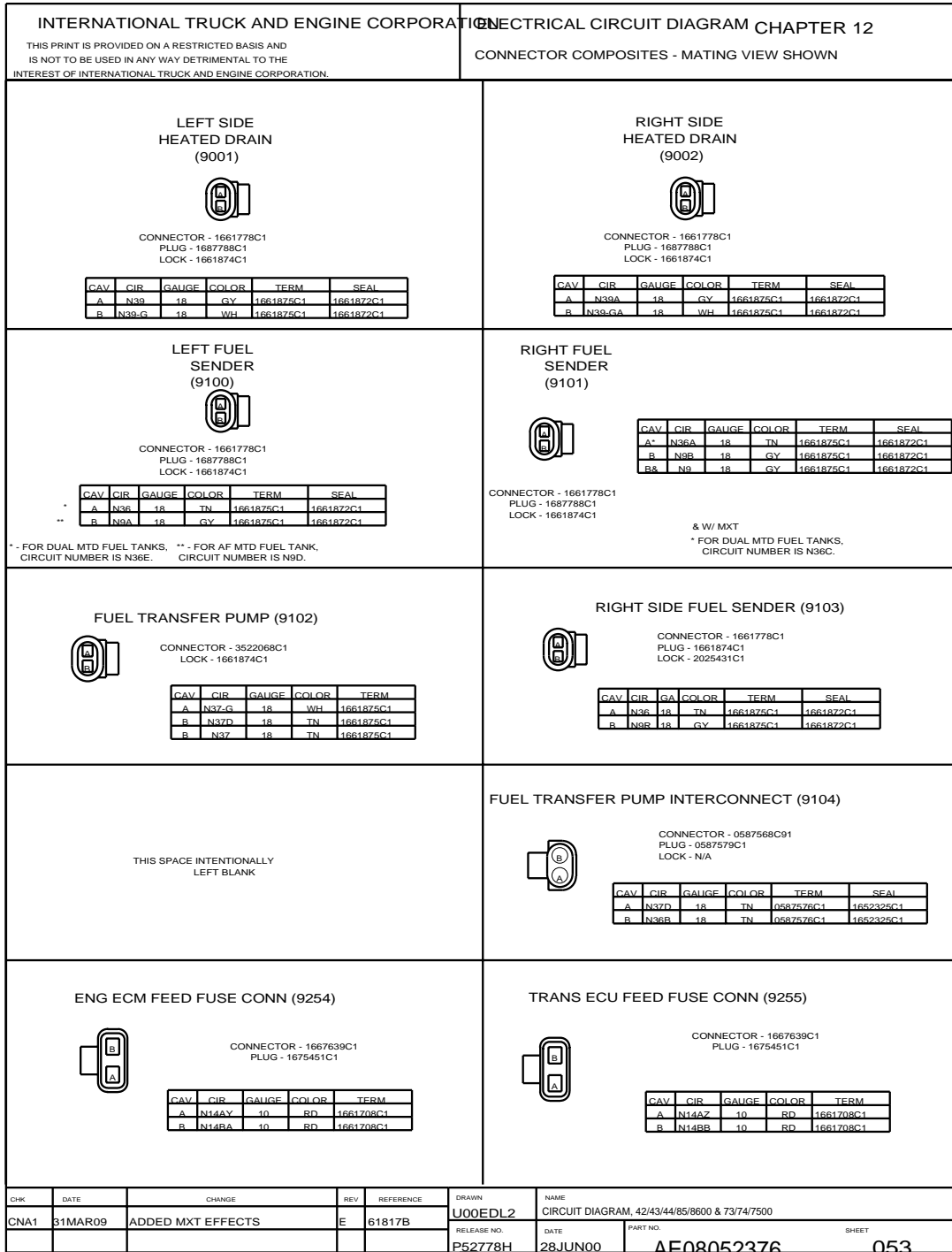
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<p style="text-align: center;">GROUND ADAPTER #1 (8800)</p>  <p style="text-align: center;">CONNECTOR - 3551896C1 PLUG - 0587579C1 LOCK - 3551897C1 COVER - 3551792C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M11-G</td> <td>12</td> <td>WH</td> <td>2033816C1</td> <td>0589390C1</td> </tr> <tr> <td>B</td> <td>M11-GB</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>C</td> <td>M58-GA</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>M11-GC</td> <td>12</td> <td>WH</td> <td>2033816C1</td> <td>0589390C1</td> </tr> <tr> <td>E</td> <td>M78-G</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>F</td> <td>M11-GD</td> <td>12</td> <td>WH</td> <td>2033816C1</td> <td>0589390C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M11-G	12	WH	2033816C1	0589390C1	B	M11-GB	14	WH	2033816C1	0589391C1	C	M58-GA	16	WH	2033819C1	1652325C1	D	M11-GC	12	WH	2033816C1	0589390C1	E	M78-G	18	WH	2033819C1	1652325C1	F	M11-GD	12	WH	2033816C1	0589390C1	<p style="text-align: center;">GROUND ADAPTER #2 (8801)</p>  <p style="text-align: center;">CONNECTOR - 3551896C1 PLUG - 0587579C1 LOCK - 3551897C1 COVER - 3551792C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M11-GD</td> <td>12</td> <td>WH</td> <td>2033816C1</td> <td>0589390C1</td> </tr> <tr> <td>B</td> <td>M11-GA</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>C</td> <td>M58-GB</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>M58-GA</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E</td> <td>M78-GA</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>F</td> <td>M84-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	M11-GD	12	WH	2033816C1	0589390C1	B	M11-GA	14	WH	2033816C1	0589391C1	C	M58-GB	16	WH	2033819C1	1652325C1	D	M58-GA	16	WH	2033819C1	1652325C1	E	M78-GA	18	WH	2033819C1	1652325C1	F	M84-G	16	WH	2033819C1	1652325C1
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																
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<p style="text-align: center;">ISOLATED GND SPLICE PACK (8802)</p>  <p style="text-align: center;">CONNECTOR - 3551896C1 PLUG - 0587579C1 LOCK - 3551897C1 COVER - 3551792C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N8</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N9A</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N9B</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>N44-GB</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E</td> <td>N9F</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>F</td> <td>N9F</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p>• - FOR AF MTD FUEL TANK, CIRCUIT NUMBER IS N9B. •• - FOR RR AXLE TEMP, CIRCUIT NUMBER IS NGH.</p>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N8	18	GY	2033819C1	1652325C1	B	N9A	18	GY	2033819C1	1652325C1	C	N9B	18	GY	2033819C1	1652325C1	D	N44-GB	18	WH	2033819C1	1652325C1	E	N9F	18	GY	2033819C1	1652325C1	F	N9F	18	GY	2033819C1	1652325C1	<p style="text-align: center;">CHASSIS GND SPLICE PACK (8803)</p>  <p style="text-align: center;">CONNECTOR - 3551896C1 PLUG - 0587579C1 LOCK - 3551897C1 COVER - 3551792C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N10-G</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>B</td> <td>N10-GA</td> <td>12</td> <td>WH</td> <td>2033816C1</td> <td>0589390C1</td> </tr> <tr> <td>C</td> <td>N39-G</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>N39-GB</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E</td> <td>N49-G</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>F</td> <td>N10-GF</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p>• - FOR RIGHT SIDE MTD DRAIN VALVE, CIRCUIT NUMBER IS N39-GA. •• - FOR RIGHT SIDE MTD AIR DRYER, CIRCUIT NUMBER IS N39-GC</p>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N10-G	14	WH	2033816C1	0589391C1	B	N10-GA	12	WH	2033816C1	0589390C1	C	N39-G	18	WH	2033819C1	1652325C1	D	N39-GB	16	WH	2033819C1	1652325C1	E	N49-G	18	WH	2033819C1	1652325C1	F	N10-GF	18	WH	2033819C1	1652325C1
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																																																																
A	N8	18	GY	2033819C1	1652325C1																																																																																
B	N9A	18	GY	2033819C1	1652325C1																																																																																
C	N9B	18	GY	2033819C1	1652325C1																																																																																
D	N44-GB	18	WH	2033819C1	1652325C1																																																																																
E	N9F	18	GY	2033819C1	1652325C1																																																																																
F	N9F	18	GY	2033819C1	1652325C1																																																																																
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F	N10-GF	18	WH	2033819C1	1652325C1																																																																																
<p style="text-align: center;">HOOD SWITCH (8805)</p>  <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M104CC</td> <td>18</td> <td>DKBL</td> <td>0587576C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M104CB</td> <td>18</td> <td>DKBL</td> <td>0587576C1</td> <td>1652325C1</td> </tr> </tbody> </table> <p style="text-align: center;">CONNECTOR - 0587568C1</p>	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL	A	M104CC	18	DKBL	0587576C1	1652325C1	B	M104CB	18	DKBL	0587576C1	1652325C1	<p style="text-align: center;">THIS SPACE INTENTIONALLY LEFT BLANK</p>																																																																		
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL																																																																																
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Figure 258 Connector Composites (8700), (8701), (8800), (8801), (8802), (8803), (8805)

**12.66. CONNECTOR COMPOSITES (9001), (9002), (9100), (9101), (9102), (9103), (9104), (9254), (9255), P. 53**



**Figure 259 Connector Composites (9001), (9002), (9100), (9101), (9102), (9103), (9104), (9254), (9255)**

12.67. CONNECTOR COMPOSITES (9260), (9261), (9262), (9263), P. 54

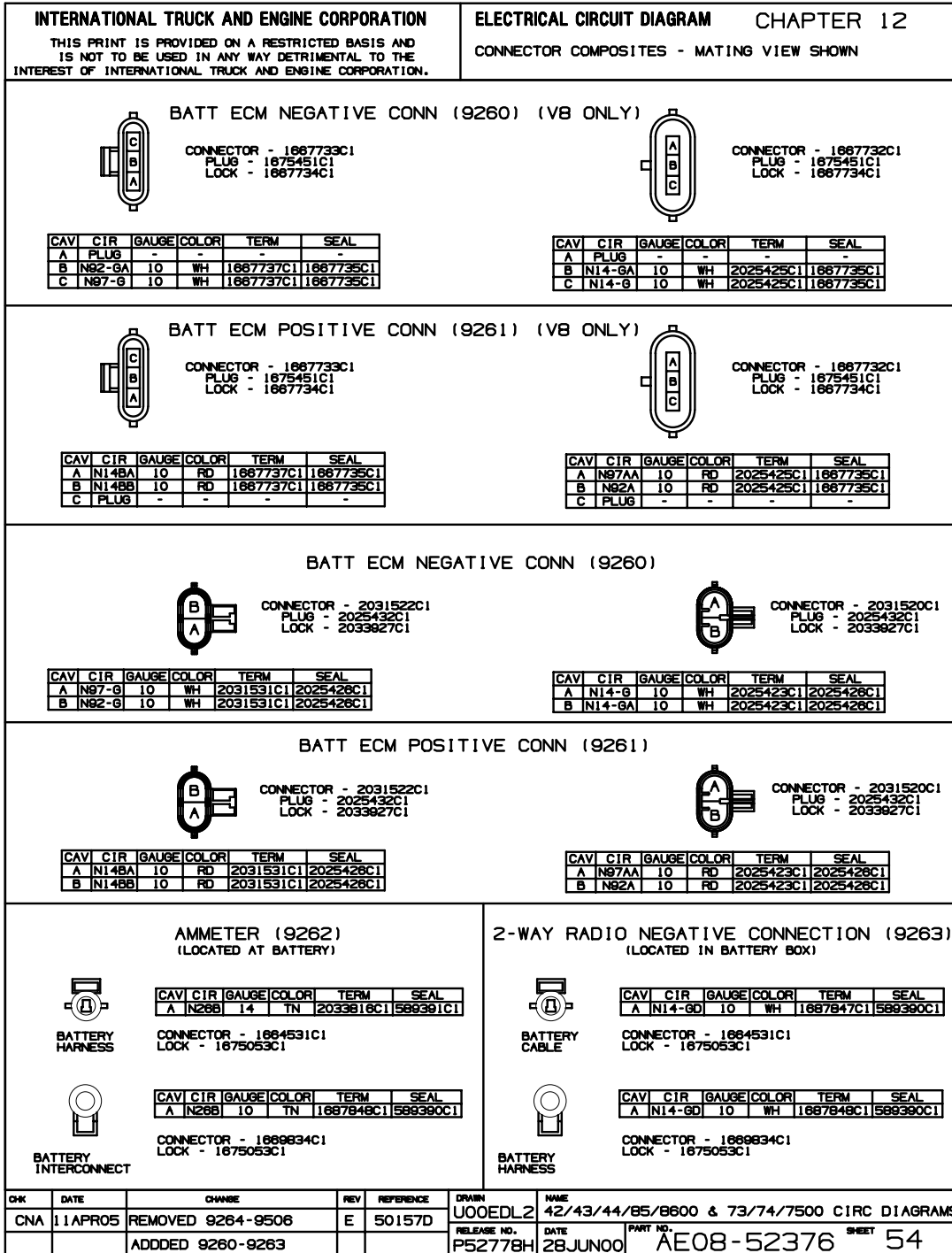
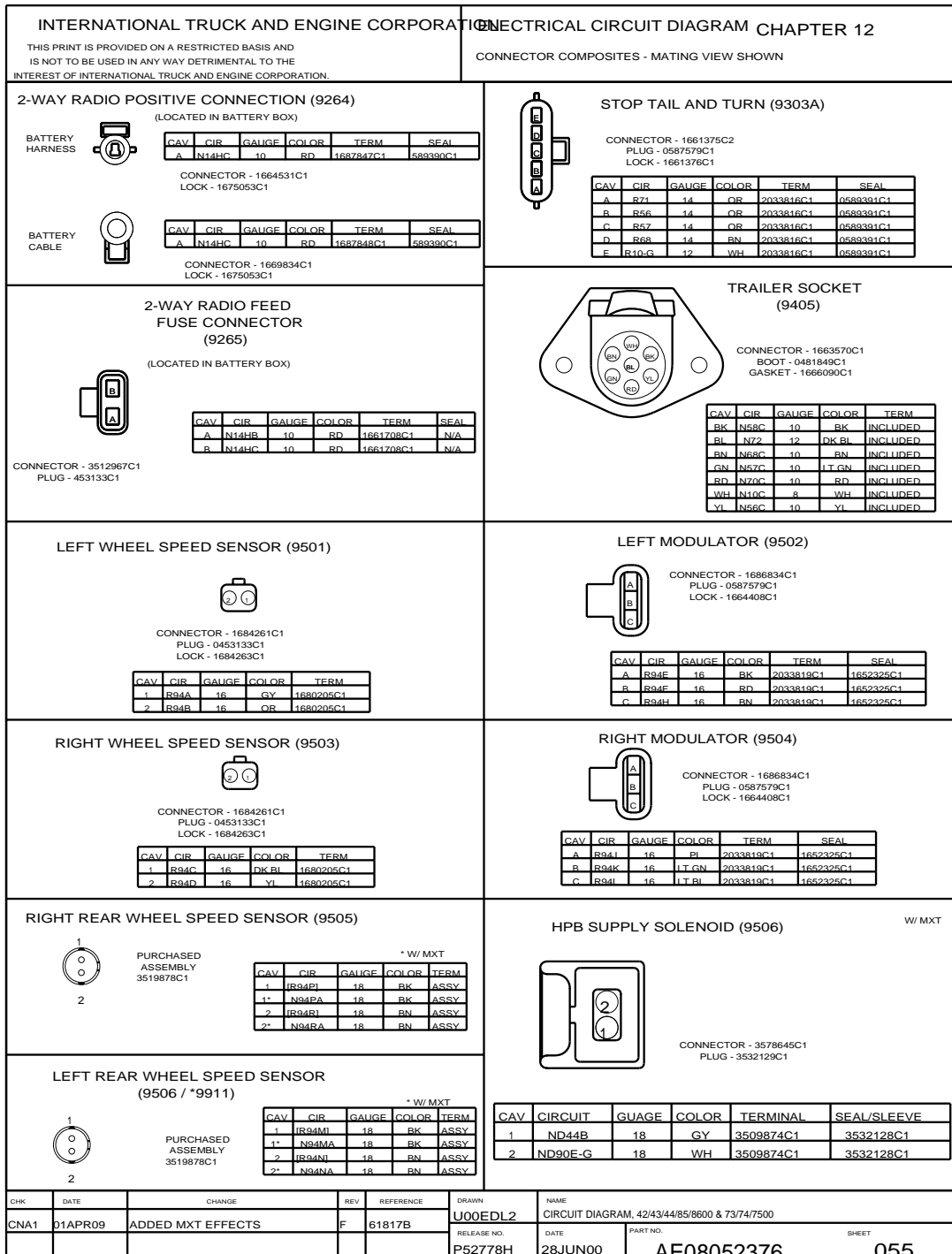


Figure 260 Connector Composites (9260), (9261), (9262), (9263)

**12.68. CONNECTOR COMPOSITES , (9264), (9265), (9303A), (9405), (9501), (9502), (9503), (9504), (9505), (9506), (9506/9911), P. 55**



**Figure 261 Connector Composites , (9264), (9265), (9303A), (9405), (9501), (9502), (9503), (9504), (9505), (9506), (9506/9911)**

12.69. CONNECTOR COMPOSITES (9507), (9508), (9509), (9510), (9511), (9512), (9513), (9514), (9515), P. 56

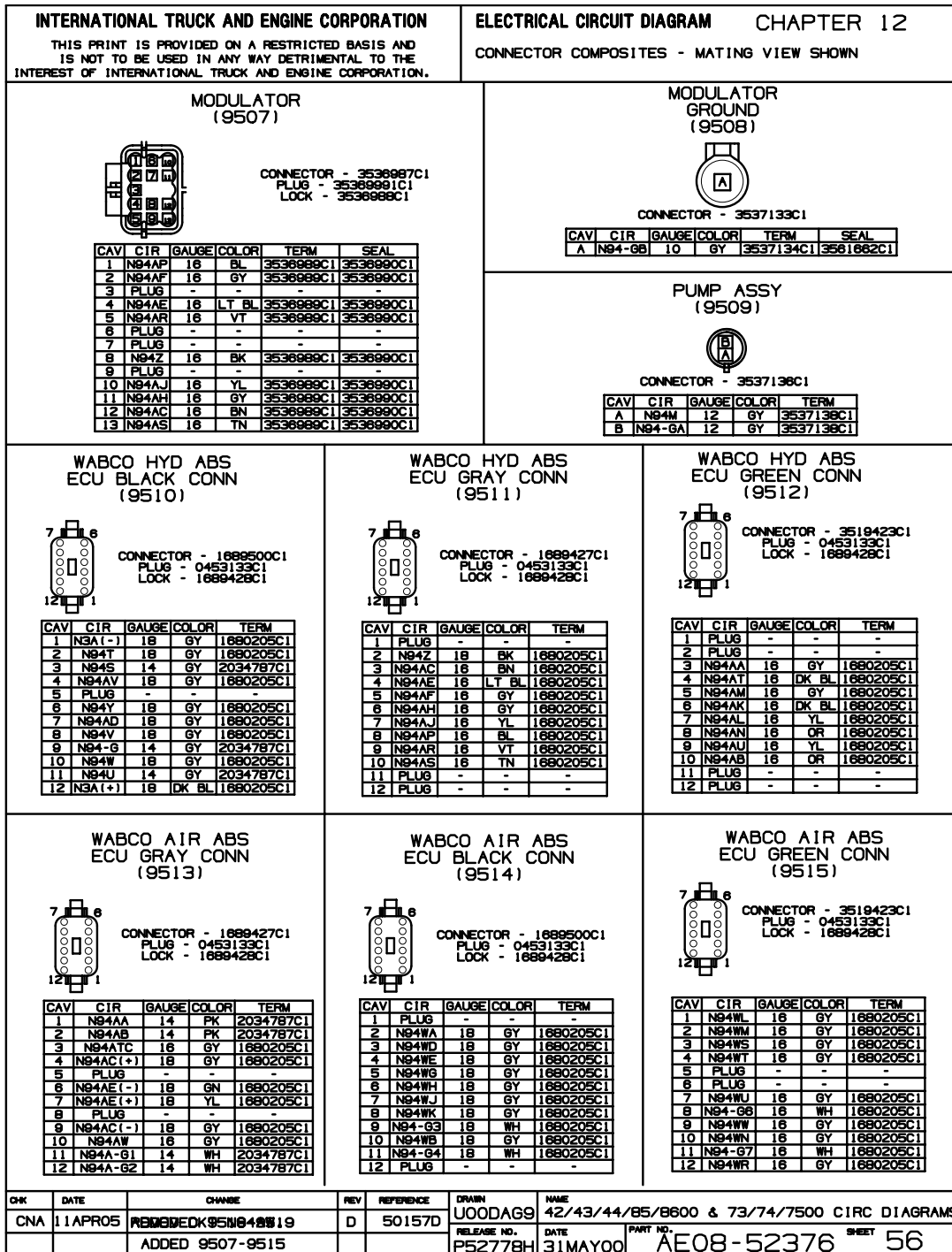


Figure 262 Connector Composites (9507), (9508), (9509), (9510), (9511), (9512), (9513), (9514), (9515)

12.70. CONNECTOR COMPOSITES (9516), (9517), (9518), (9519), (9520E), (9520F), (9521), (9528), P. 57

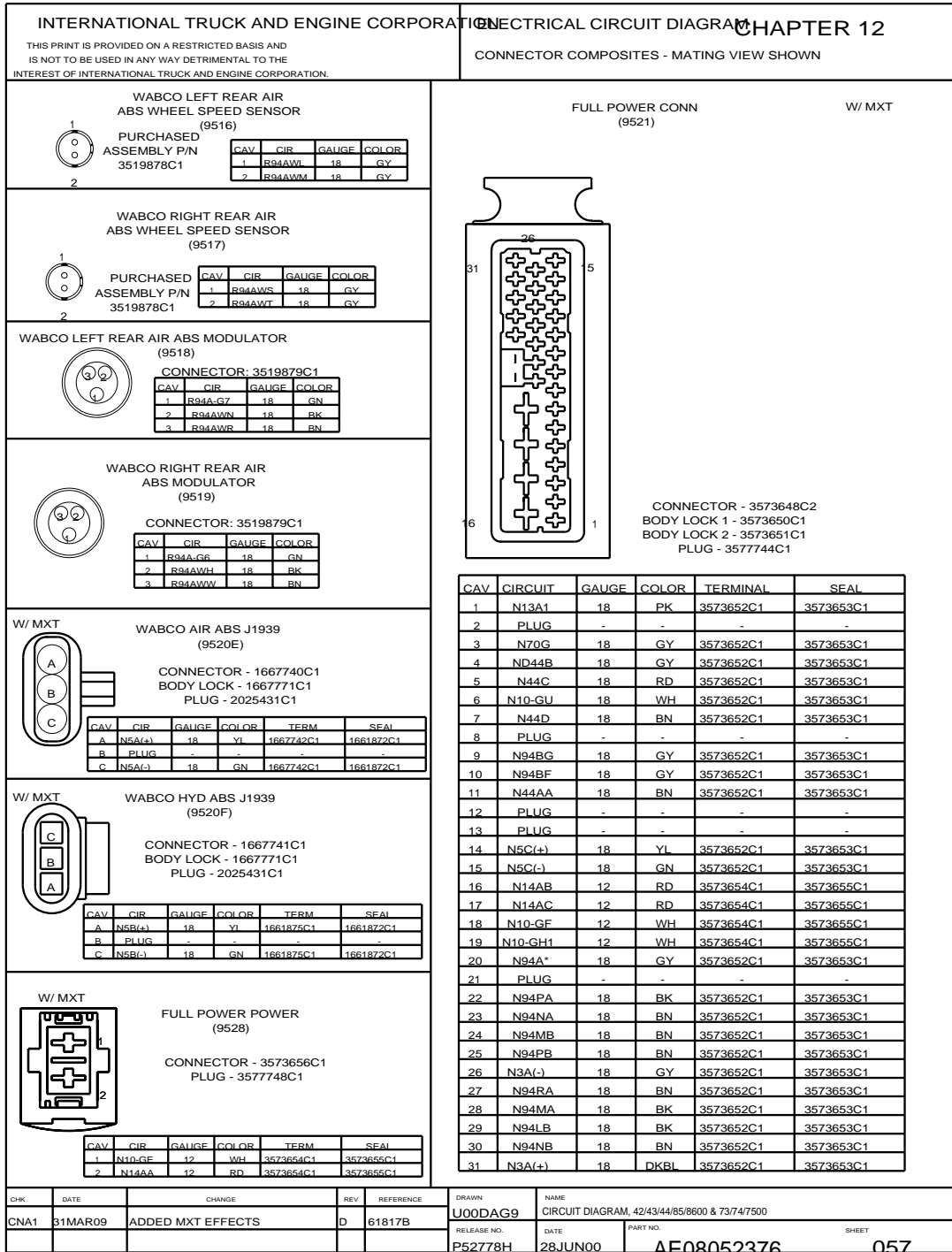


Figure 263 Connector Composites (9516), (9517), (9518), (9519), (9520E), (9520F), (9521), (9528)

12.71. CONNECTOR COMPOSITE (9700), P. 58

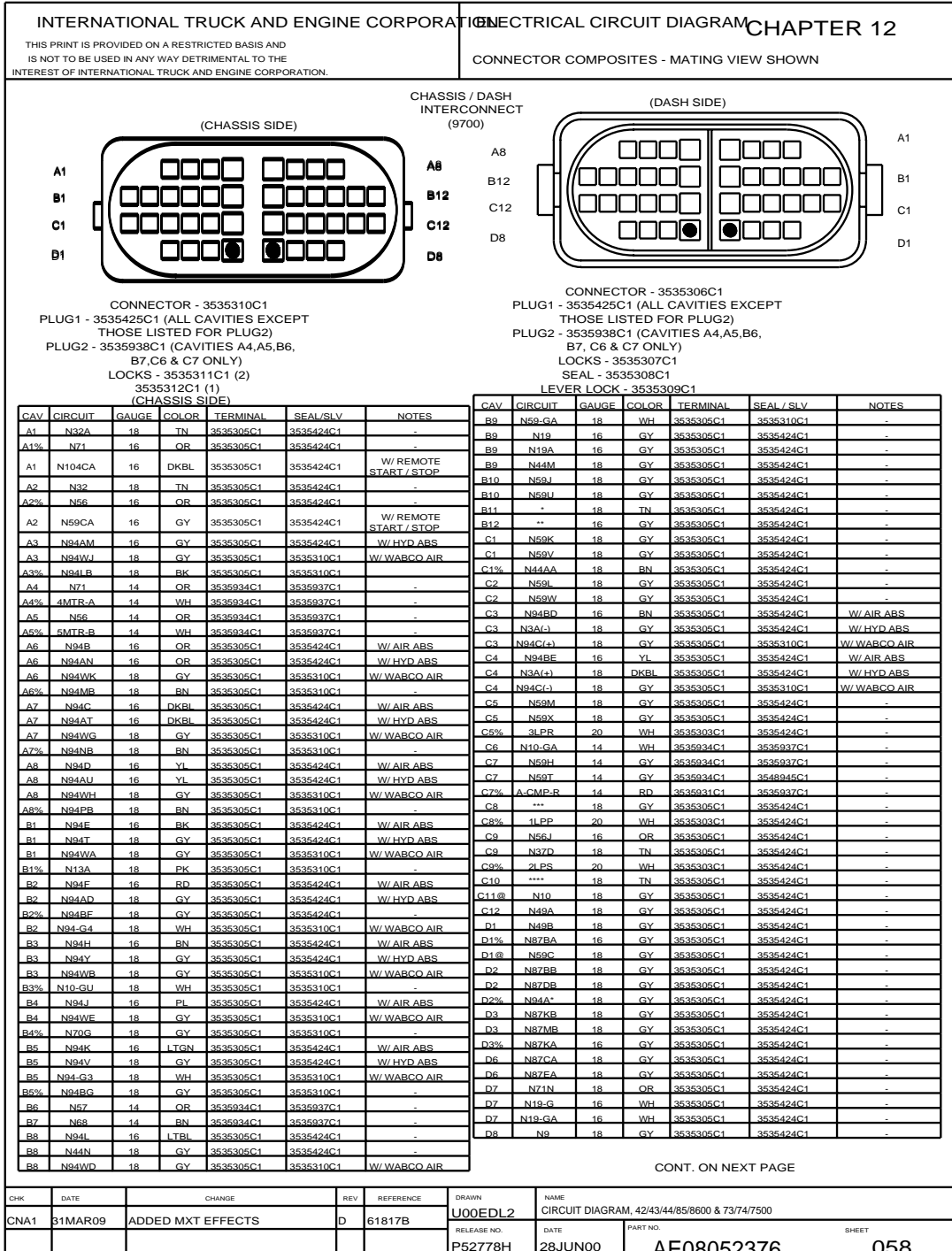


Figure 264 Connector Composite (9700)

12.72. CONNECTOR COMPOSITE (9700), P. 59

INTERNATIONAL TRUCK AND ENGINE CORPORATION						ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.						CONNECTOR COMPOSITES - MATING VIEW SHOWN							
CHASSIS / DASH INTERCONNECT (9700)													
CONT. FROM PREVIOUS PAGE													
(DASH SIDE)													
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL / SLV	NOTES	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL / SLV	NOTES
A1	J32	18	TN	3535303C1	3535424C1	-	C1	J59B	18	GY	3535303C1	3535424C1	-
A1%	J71A	18	OR	3535303C1	3535424C1	-	C2	J59C	18	GY	3535303C1	3535424C1	-
A1	J104C	18	DKBL	3535303C1	3535424C1	W/ REMOTE START / STOP	C3	J94ATC	18	GY	3535303C1	3535424C1	W/ AIR ABS
A2	J32A	18	TN	3535303C1	3535424C1	-	C3	J3C(-)	18	GY	3535303C1	3535424C1	W/ HYD ABS
A2%	J56B	16	OR	3535303C1	3535424C1	-	C3%	J3C(-)	20	GY	3535303C1	3535424C1	-
A2	J59	16	GY	3535930C1	3535936C1	W/ REMOTE START / STOP	C4	J94ATR	18	GY	3535303C1	3535424C1	W/ AIR ABS
A3	J94AB	18	GY	3535303C1	3535424C1	W/ AIR ABS	C4	J3C(+)	18	DKBL	3535303C1	3535424C1	W/ HYD ABS
A3	J94HM	18	GY	3535303C1	3535424C1	W/ HYD ABS	C4%	J3C(+)	20	DKBL	3535303C1	3535424C1	-
A3%	J94L	18	BK	3535303C1	3535424C1	-	C5	J59D	18	GY	3535303C1	3535424C1	-
A4	J71A	18	OR	3535930C1	3535936C1	-	C5%	JLPR	20	WH	3535303C1	3535424C1	-
A4%	JMTR-A	14	WH	3535931C1	3535937C1	-	C6	J11-GA	14	WH	3535931C1	3535937C1	-
A5	J56B	16	OR	3535930C1	3535936C1	-	C7	J59E	14	GY	3535931C1	3535937C1	-
A5%	JMTR-B	14	WH	3535931C1	3535937C1	-	C7%	JCMPR	14	WH	3535931C1	3535937C1	-
A6	J94AA	18	OR	3535303C1	3535424C1	W/ AIR ABS	C8	J39B	16	GY	3535303C1	3535424C1	-
A6	J94HN	18	OR	3535303C1	3535424C1	W/ HYD ABS	C8%	JLPP	20	WH	3535303C1	3535424C1	-
A6%	J94M	18	BN	3535303C1	3535424C1	-	C9	J37	16	TN	3535303C1	3535424C1	-
A7	J94AL	18	DKBL	3535303C1	3535424C1	W/ AIR ABS	C9%	JLPS	20	WH	3535303C1	3535424C1	-
A7	J94HT	18	DKBL	3535303C1	3535424C1	W/ HYD ABS	C10	J36B	18	TN	3535303C1	3535424C1	-
A7%	J94N	18	BN	3535303C1	3535424C1	-	C11@	J10	18	GY	3535303C1	3535424C1	-
A8	J94AK	18	YL	3535303C1	3535424C1	W/ AIR ABS	C12	J49A	18	GY	3535303C1	3535424C1	-
A8	J94HU	18	YL	3535303C1	3535424C1	W/ HYD ABS	D1	J49B	18	GY	3535303C1	3535424C1	-
A8%	J94P	18	BN	3535303C1	3535424C1	-	D1%	J87BA	18	GY	3535303C1	3535424C1	-
B1	J94AC	18	BK	3535303C1	3535424C1	W/ AIR ABS	D1@	J59C	18	GY	3535303C1	3535424C1	-
B1	J94HD	18	GY	3535303C1	3535424C1	W/ HYD ABS	D2	J87B	18	GY	3535303C1	3535424C1	-
B1%	J13A	18	PK	3535303C1	3535424C1	-	D3	J87K	16	GY	3535303C1	3535424C1	-
B2	J94AD	18	RD	3535303C1	3535424C1	W/ AIR ABS	D6	J87CA	18	GY	3535303C1	3535424C1	-
B2	J94HV	18	GY	3535303C1	3535424C1	W/ HYD ABS	D7	J71N	18	OR	3535303C1	3535424C1	-
B2%	J94BF	18	GY	3535303C1	3535424C1	-	D8	J9G	18	GY	3535303C1	3535424C1	-
B3	J94AE	18	BN	3535303C1	3535424C1	W/ AIR ABS							
B3	J94HX	18	GY	3535303C1	3535424C1	W/ HYD ABS							
B3%	J10-GU	18	WH	3535303C1	3535424C1	-							
B4	J94AF	18	PL	3535303C1	3535424C1	W/ AIR ABS							
B4%	J70G	18	GY	3535303C1	3535424C1	-							
B5	J94AH	18	LTGN	3535303C1	3535424C1	W/ AIR ABS							
B5	J94HP	18	GY	3535303C1	3535424C1	W/ HYD ABS							
B5%	J94BG	18	GY	3535303C1	3535424C1	-							
B6	J57B	16	OR	3535930C1	3535936C1	-							
B7	J56B	14	BN	3535931C1	3535937C1	-							
B8	J94J	18	GY	3535303C1	3535424C1	-							
B8	J4N	16	GY	3535303C1	3535424C1	-							
B9	N59-GA	18	WH	3535303C1	3535424C1	-							
B9	J44M	18	GY	3535303C1	3535424C1	-							
B10	J59A	18	GY	3535303C1	3535424C1	-							
B11	J36A	18	TN	3535303C1	3535424C1	-							
B11%	A36A	18	TN	3535303C1	3535424C1	-							
B12	J39A	16	GY	3535303C1	3535424C1	-							

\* - FOR LEFT SIDE MTD FUEL TANKS, CIR NUM IS N36;  
FOR RIGHT SIDE MTD FUEL TANKS AND FOR MXT  
CIR NUM IS N36A;  
FOR DUAL FUEL TANKS, CIR NUM IS N36B  
FOR AF MTD FUEL TANKS,  
CIR NUM IS N36C;

\*\* - FOR LEFT SIDE MTD AIR DRYERS, CIR NUM IS N39B;  
FOR RIGHT SIDE MTD AIR DRYERS, CIR NUM IS N39C;

\*\*\* - FOR LEFT SIDE MTD DRAIN VALVES, CIR NUM IS N39;  
FOR RIGHT SIDE MTD DRAIN VALVES, CIR NUM IS N39A;

\*\*\*\* - FOR SINGLE TANK, CIR NUM IS N36;  
FOR DUAL TANKS, CIR NUM IS N36H;

@ - W/ 5TH WHEEL OPTION  
& - W/ COMMUNICATION SYSTEM, AWARE  
% - W/ MXT VEHICLE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	31MAR09	ADDED MXT EFFECTS	D	61817B	UOODLCK	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO. P54634F	DATE 14JUN01 PART NO. AE08052376 SHEET 059

Figure 265 Connector Composite (9700)

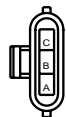


12.73. CONNECTOR COMPOSITES (9715/9780), (9715A), (9715B), P. 60

INTERNATIONAL TRUCK AND ENGINE CORPORATION		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		CONNECTOR COMPOSITES - MATING VIEW SHOWN	

**TRAILER SOCKET #1 (9715 / \* 9780)**



CONNECTOR - 1667733C1  
 PLUG - 1675451C1  
 LOCK - 1667734C1

W / EOF OR BOC TRAILER SOCKET & EOF BODY BUILDER CONNECTOR

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	N70D	10	RD	1667737C1	1667735C1
B	N68D	10	BN	1667737C1	1667735C1
C	N84D	10	GY	1667737C1	1667735C1

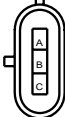
W / BOC TRAILER SOCKET

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	N70	10	RD	1667737C1	1667735C1
B	N68	10	BN	1667737C1	1667735C1
C	N84	10	DK BL	1667737C1	1667735C1

W / BOC AND AUX BOC TRAILER SOCKET

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	N70A	10	RD	1667737C1	1667735C1
A*	N70A	10	OR	1667737C1	1667735C1
B	N68A	10	BN	1667737C1	1667735C1
C	N94A	10	DK BL	1667737C1	1667735C1
C*	N94A	10	GY	1667737C1	1667735C1

\* W / MXT



CONNECTOR - 1667732C1  
 PLUG - 1675451C1  
 LOCK - 1667734C1

NOT W / BOC BODY BUILDER CONNECTORS

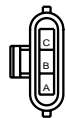
CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	J70A	10	OR	2025425C1	1667735C1
B	J68F	12	BN	2025424C1	1671603C1
C	J94BC	10	GY	2025425C1	1667735C1

W / BOC BODY BUILDER CONNECTORS

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	J70A	10	OR	2025425C1	1667735C1
B	J68F	16	BN	1667736C1	1664232C1
C	J94BC	10	GY	2025425C1	1667735C1

**TRAILER SOCKET #1 (9715A)**



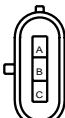
CONNECTOR - 1667733C1  
 PLUG - 1675451C1  
 LOCK - 1667734C1

W / EOF TRAILER SOCKET OR EOF BODY BUILDER CONNECTOR

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	N70D	10	RD	1667737C1	1667735C1
B	N68D	10	BN	1667737C1	1667735C1
C	N84D	10	GY	1667737C1	1667735C1

W / BOC TRAILER SOCKET AND EOF BODY BUILDER CONNECTOR

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	N70F	10	RD	1667737C1	1667735C1
B	N68F	10	BN	1667737C1	1667735C1
C	N94F	10	GY	1667737C1	1667735C1



CONNECTOR - 1667732C1  
 PLUG - 1675451C1  
 LOCK - 1667734C1

W / EOF TRAILER SOCKET

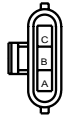
CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	R70A	10	RD	2025425C1	1667735C1
B	R68A	10	BN	2025425C1	1667735C1
C	R94A	10	DK BL	2025425C1	1667735C1

W / EOF BODY BUILDER CONNECTOR

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	R70	10	RD	2025425C1	1667735C1
B	R68	10	BN	2025425C1	1667735C1
C	R94	10	GY	2025425C1	1667735C1

**TRAILER SOCKET #1 (9715B)**



CONNECTOR - 1667733C1  
 PLUG - 1675451C1  
 LOCK - 1667734C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL
A	B70	10	RD	1667737C1	1667735C1
B	B68	10	BN	1667737C1	1667735C1
C	B94	10	GY	1667737C1	1667735C1

BOC - BACK OF CAB  
 EOF - END OF FRAME

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	31MAR09	ADDED MXT EFFECTS	B	61817B	U00EDL2	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					P52778H	31MAY00
						PART NO.
						AE08052376
						SHEET
						060

Figure 266 Connector Composites (9715/9780), (9715A), (9715B)

12.74. CONNECTOR COMPOSITES (9716/9779), (9716A), (9716B), P. 61

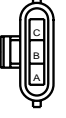
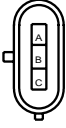
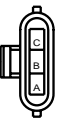
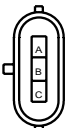
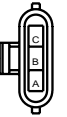
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<p>TRAILER SOCKET #2 (9716 / * 9779)</p>																																																
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<p>TRAILER SOCKET #2 (9716B)</p>																																																
<p>CONNECTOR - 1667733C1 PLUG - 1675451C1 LOCK - 1667734C1</p> 		<p>CONNECTOR - 1667733C1 PLUG - 1675451C1 LOCK - 1667734C1</p>																																														
<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R58</td> <td>10</td> <td>BN</td> <td>2025425C1</td> <td>1667735C1</td> </tr> <tr> <td>B</td> <td>R56</td> <td>10</td> <td>BN</td> <td>2025425C1</td> <td>1667735C1</td> </tr> <tr> <td>C</td> <td>N57F</td> <td>10</td> <td>LT GN</td> <td>2025425C1</td> <td>1667735C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R58	10	BN	2025425C1	1667735C1	B	R56	10	BN	2025425C1	1667735C1	C	N57F	10	LT GN	2025425C1	1667735C1																		
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																											
A	R58	10	BN	2025425C1	1667735C1																																											
B	R56	10	BN	2025425C1	1667735C1																																											
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						BOC - BACK OF CAB EOF - END OF FRAME																																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																										
CNA1	31MAR09	ADDED MXT EFFECTS	C	61817B	U00EDL2	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500																																										
				RELEASE NO.	DATE	PART NO.																																										
				P52778H	31MAY00	AE08052376																																										
					SHEET	061																																										

Figure 267 Connector Composites (9716/9779), (9716A), (9716B)

12.75. CONNECTOR COMPOSITES (9717A), (9717B), P. 62

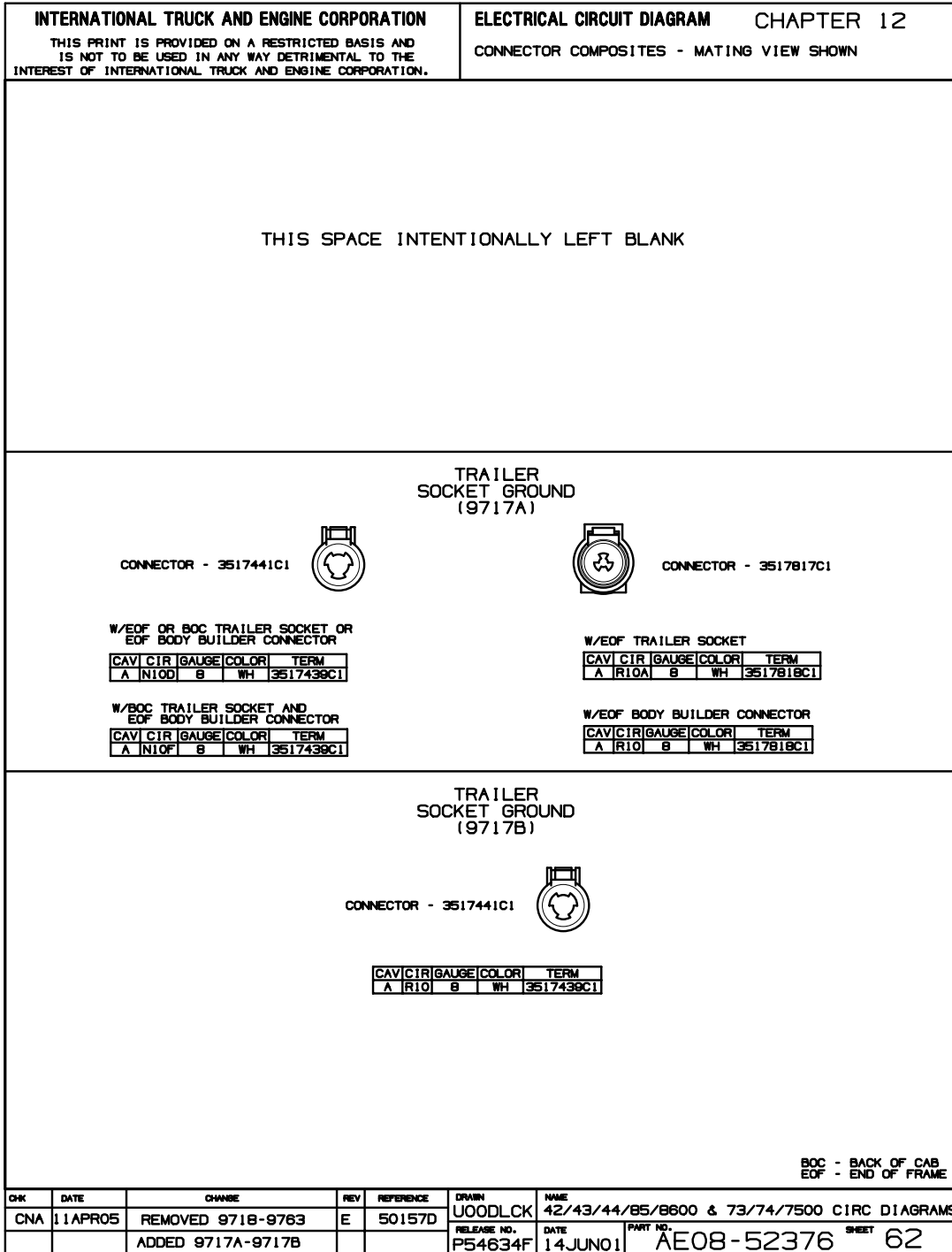


Figure 268 Connector Composites (9717A), (9717B)

**12.76. CONNECTOR COMPOSITES (9718), (9719), (9720), (9722), (9733), (9734), (9736), (9739), (9740), (9741), P. 63**

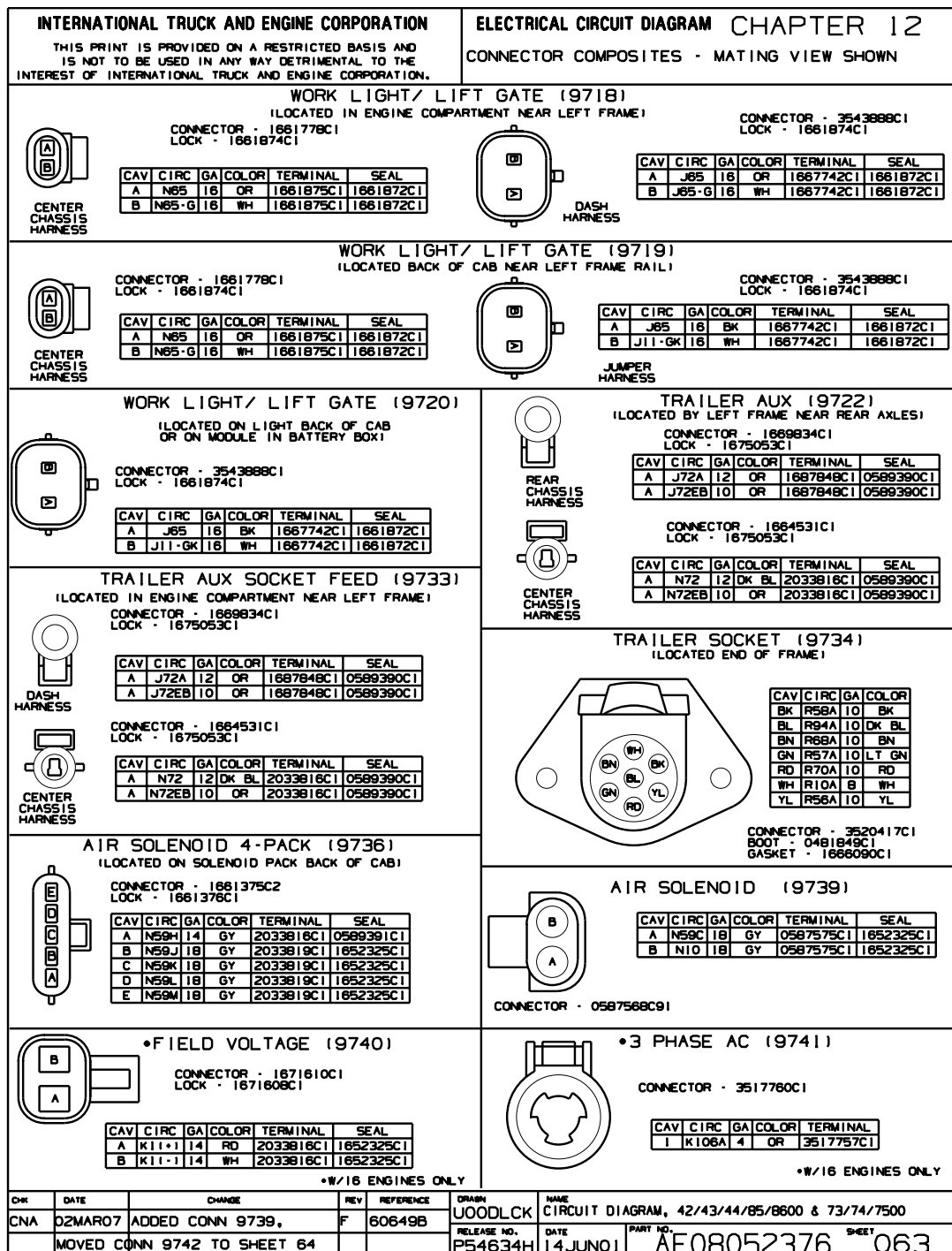
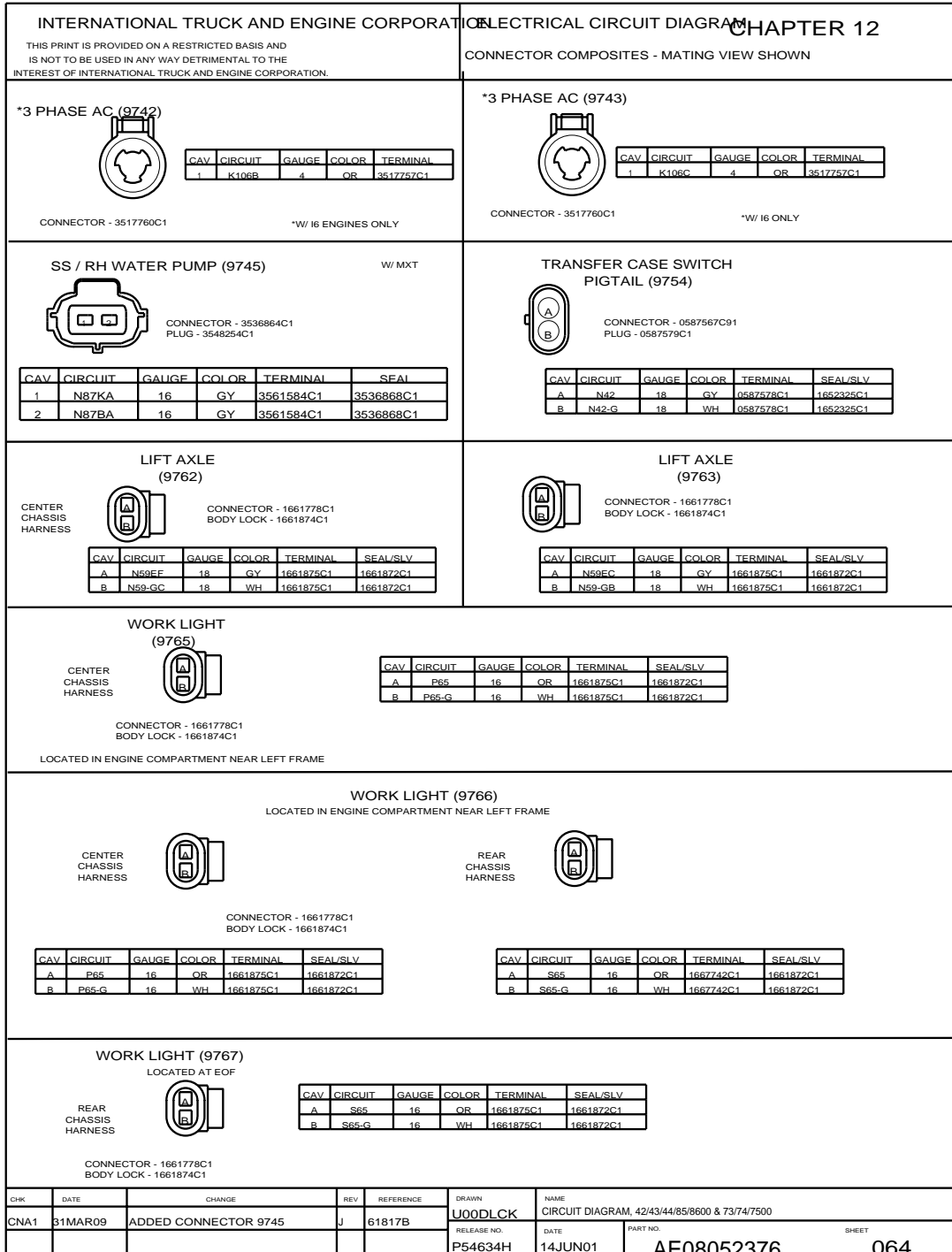


Figure 269 Connector Composites (9718), (9719), (9720), (9722), (9733), (9734), (9736), (9739), (9740), (9741)

**12.77. CONNECTOR COMPOSITES (9742), (9743), (9745), (9754), (9762), (9763), (9765), (9766), (9767), P. 64**



**Figure 270 Connector Composites (9742), (9743), (9745), (9754), (9762), (9763), (9765), (9766), (9767)**

12.78. CONNECTOR COMPOSITES (9777), (9778), P. 65



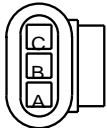
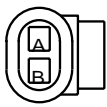
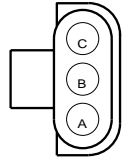
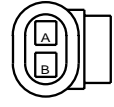
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 12																																											
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SAAR (9777)  (LOCATED ON FRAME RAIL)    CONNECTOR - 1667741C1 SEAL - 1661872C1				REMOTE START/STOP BODY BUILDER CONNECTION (9778)  (LOCATED ON FRAME RAIL)    CONNECTOR - 0587567C91 SEAL - 1652325C1																																													
<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GUAGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N44N</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N44-GB</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>N44M</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GUAGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N44N	18	GY	1661875C1	1661872C1	B	N44-GB	18	WH	1661875C1	1661872C1	C	N44M	18	GY	1661875C1	1661872C1	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GUAGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N59CA</td> <td>16</td> <td>GY</td> <td>0587575C1</td> </tr> <tr> <td>B</td> <td>N104CA</td> <td>16</td> <td>DK BL</td> <td>0587575C1</td> </tr> </tbody> </table>				CAV	CIR	GUAGE	COLOR	TERMINAL	A	N59CA	16	GY	0587575C1	B	N104CA	16	DK BL	0587575C1			
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B	N44-GB	18	WH	1661875C1	1661872C1																																												
C	N44M	18	GY	1661875C1	1661872C1																																												
CAV	CIR	GUAGE	COLOR	TERMINAL																																													
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B	N104CA	16	DK BL	0587575C1																																													
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					P54634F	14JUN01	AE08052376	065																																									

Figure 271 Connector Composites (9777), (9778)

**12.79. CONNECTOR COMPOSITES (9870), (9871), (9811), (9812), (9814), (9815), (9830), (9850), (9860), (9865M), (9900), (9900A), (9913A), P. 66**

INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																													
<p style="text-align: center;"><b>AIR SUSPENSION DUMP VALVE 4X2 (9870)</b> (LOCATED NEAR REAR AXLE ON CROSSMEMBER)</p> <p>CONNECTOR - 0587568C91 SEAL - 1652325C1 TERMINAL - 0587576C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>NG1A</td> <td>18</td> <td>GY</td> </tr> <tr> <td>B</td> <td>NG1-GA</td> <td>18</td> <td>GY</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	A	NG1A	18	GY	B	NG1-GA	18	GY	<p style="text-align: center;"><b>AIR SUSPENSION DUMP VALVE 6X4 (9871)</b> (LOCATED NEAR REAR AXLE ON CROSSMEMBER)</p> <p>CONNECTOR - 0587568C91 SEAL - 1652325C1 TERMINAL - 0587576C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>NG1AA</td> <td>18</td> <td>GY</td> </tr> <tr> <td>B</td> <td>NG1-GB</td> <td>18</td> <td>GY</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	A	NG1AA	18	GY	B	NG1-GB	18	GY																						
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<p style="text-align: center;"><b>FR AXLE TEMP SENDER (9811)</b> (LOCATED ON AXLE)</p> <p>CONNECTOR - 3536864C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R32A</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> <tr> <td>2</td> <td>R9A</td> <td>18</td> <td>GY</td> <td>3536865C1</td> <td>3536866C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	1	R32A	18	TN	3536865C1	3536866C1	2	R9A	18	GY	3536865C1	3536866C1	<p style="text-align: center;"><b>RR AXLE TEMP SENDER (9812)</b> (LOCATED ON AXLE)</p> <p>CONNECTOR - 3536864C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> <th>NOTES</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R32</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> <td></td> </tr> <tr> <td>2</td> <td>R9</td> <td>18</td> <td>GY</td> <td>3536865C1</td> <td>3536866C1</td> <td>W/TANDEM</td> </tr> <tr> <td>2</td> <td>R9C</td> <td>18</td> <td>GY</td> <td>3536865C1</td> <td>3536866C1</td> <td>N/TANDEM</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	NOTES	1	R32	18	TN	3536865C1	3536866C1		2	R9	18	GY	3536865C1	3536866C1	W/TANDEM	2	R9C	18	GY	3536865C1	3536866C1	N/TANDEM
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<p style="text-align: center;"><b>FR AXLE DIFF LOCK WARN LIGHT (9814)</b> (LOCATED ON AXLE)</p> <p>CONNECTOR - 587567C91</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R49A</td> <td>18</td> <td>GY</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R49-GA</td> <td>18</td> <td>WH</td> <td>0587578C1</td> <td>1652325C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R49A	18	GY	0587578C1	1652325C1	B	R49-GA	18	WH	0587578C1	1652325C1	<p style="text-align: center;"><b>RR AXLE DIFF LOCK WARN LIGHT (9815)</b> (LOCATED ON AXLE)</p> <p>CONNECTOR - 587567C91</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R49A</td> <td>18</td> <td>GY</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R49-GA</td> <td>18</td> <td>WH</td> <td>0587578C1</td> <td>1652325C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	R49A	18	GY	0587578C1	1652325C1	B	R49-GA	18	WH	0587578C1	1652325C1										
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B	R49-GA	18	WH	0587578C1	1652325C1																																										
<p style="text-align: center;"><b>SUSPENSION TRANSDUCER (9830)</b></p> <p>CONNECTOR - 1678137C1 SEAL - 1661872C1 PLUG - 2025431C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R9M</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>R6H</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>R61C</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	A	R9M	18	GY	1651943C1	B	R6H	18	GY	1651943C1	C	R61C	18	GY	1651943C1	<p style="text-align: center;"><b>AIR SUSPENSION SOLENOID (9850)</b> (LOCATED ON LEFT FRAME RAIL NEAR REAR AXLES)</p> <p>CONNECTOR - 587568C91</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>J61A</td> <td>16</td> <td>GY</td> <td>0587575C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>J61-GA</td> <td>16</td> <td>WH</td> <td>0587575C1</td> <td>1652325C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	J61A	16	GY	0587575C1	1652325C1	B	J61-GA	16	WH	0587575C1	1652325C1								
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A	J61A	16	GY	0587575C1	1652325C1																																										
B	J61-GA	16	WH	0587575C1	1652325C1																																										
<p style="text-align: center;"><b>LOAD INDICATOR (9860)</b></p> <p>CONNECTOR - 1667740C1 SEAL - 1661872C1 LOCK - 1667771C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N9M</td> <td>18</td> <td>GY</td> <td>1667742C1</td> </tr> <tr> <td>B</td> <td>N6H</td> <td>18</td> <td>GY</td> <td>1667742C1</td> </tr> <tr> <td>C</td> <td>N61C</td> <td>18</td> <td>GY</td> <td>1667742C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	A	N9M	18	GY	1667742C1	B	N6H	18	GY	1667742C1	C	N61C	18	GY	1667742C1	<p style="text-align: center;"><b>LOAD INDICATOR (9865M)</b></p> <p>CONNECTOR - 1667741C1 SEAL - 1661872C1 LOCK - 1667771C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N9M</td> <td>18</td> <td>GY</td> <td>1661875C1</td> </tr> <tr> <td>B</td> <td>N6H</td> <td>18</td> <td>GY</td> <td>1661875C2</td> </tr> <tr> <td>C</td> <td>N61C</td> <td>18</td> <td>GY</td> <td>1661875C3</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	A	N9M	18	GY	1661875C1	B	N6H	18	GY	1661875C2	C	N61C	18	GY	1661875C3						
CAV	CIR	GAUGE	COLOR	TERM																																											
A	N9M	18	GY	1667742C1																																											
B	N6H	18	GY	1667742C1																																											
C	N61C	18	GY	1667742C1																																											
CAV	CIR	GAUGE	COLOR	TERM																																											
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B	N6H	18	GY	1661875C2																																											
C	N61C	18	GY	1661875C3																																											
<p style="text-align: center;"><b>RIGHT SIDE AIR DRYER (9900)</b> (LOCATED ON AIR DRYER)</p> <p>CONNECTOR - 1673790C1 LOCK - 1673791C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N39C</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N39-GC</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N39C	16	GY	2033819C1	1652325C1	B	N39-GC	16	WH	2033819C1	1652325C1	<p style="text-align: center;"><b>LEFT SIDE AIR DRYER (9900A)</b> (LOCATED ON AIR DRYER)</p> <p>CONNECTOR - 1673790C1 LOCK - 1673791C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N39B</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N39-GB</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERM	SEAL	A	N39B	16	GY	2033819C1	1652325C1	B	N39-GB	16	WH	2033819C1	1652325C1										
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																										
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B	N39-GC	16	WH	2033819C1	1652325C1																																										
CAV	CIR	GAUGE	COLOR	TERM	SEAL																																										
A	N39B	16	GY	2033819C1	1652325C1																																										
B	N39-GB	16	WH	2033819C1	1652325C1																																										
<p><b>LECTRASHIFT PTO/HOURMETER (9913A)</b></p> <p>(DASH HARNESS) (LOCATED NEAR DASH TO ENGINE CONNECTION) (ENGINE/XMSN HARNESS)</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>CONNECTOR - 1664531C1 LOCK - 1675053C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>J14LS</td> <td>12</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>A</td> <td>J88B</td> <td>18</td> <td>LT.GN</td> <td>2033819C1</td> <td>3517771C1</td> </tr> </tbody> </table> </div> <div style="width: 45%;"> <p>CONNECTOR - 1669834C1 LOCK - 1675053C1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K12LSC</td> <td>12</td> <td>WH</td> <td>2033812C1</td> <td>0589390C1</td> </tr> <tr> <td>A</td> <td>K188B</td> <td>14</td> <td>LT.GN</td> <td>2033812C1</td> <td>0589391C1</td> </tr> </tbody> </table> </div> </div>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL	A	J14LS	12	WH	2033816C1	0589391C1	A	J88B	18	LT.GN	2033819C1	3517771C1	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL	A	K12LSC	12	WH	2033812C1	0589390C1	A	K188B	14	LT.GN	2033812C1	0589391C1								
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL																																										
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A	K188B	14	LT.GN	2033812C1	0589391C1																																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET																																					
		ADDED 9870-9913A	-	50157D	U00JWCA	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	50157D	14FEB05	AE08-52376	66																																					

**Figure 272 Connector Composites (9870), (9871), (9811), (9812), (9814), (9815), (9830), (9850), (9860), (9865M), (9900), (9900A), (9913A)**

12.80. CONNECTOR COMPOSITES (9913B), (9914), (9994), (9999), P. 67

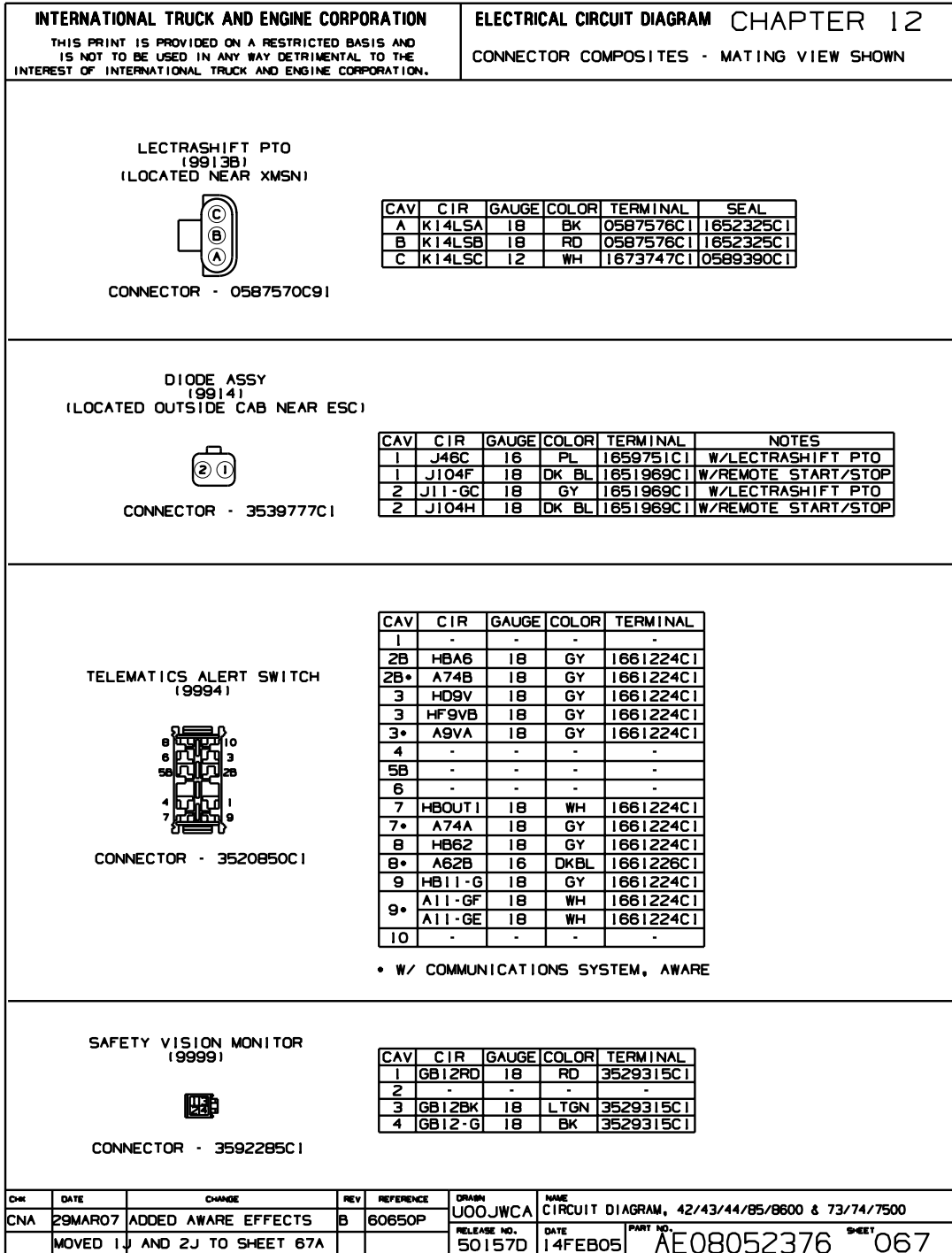


Figure 273 Connector Composites (9913B), (9914), (9994), (9999)

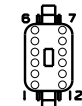


12.81. CONNECTOR COMPOSITES (1J), (2J), P. 67A

<p><b>INTERNATIONAL TRUCK AND ENGINE CORPORATION</b></p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p><b>ELECTRICAL CIRCUIT DIAGRAM</b>    <b>CHAPTER 12</b></p> <p>CONNECTOR COMPOSITES - MATING VIEW SHOWN</p>
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**TELEMATICS 1  
(1J)**



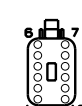
CONNECTOR 3601924C1  
CONN LOCK 3601925C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	HA14A	16	RD	1680205C1
1*	A14C	16	RD	1680205C1
2	HC14B	16	RD	1680205C1
2*	A14F	16	RD	1680205C1
3	HA13A	16	PK	1680205C1
3*	A13A	16	PK	1680205C1
4	HC6VDC	18	GY	1680205C1
4*	A74VDC	18	GY	1680205C1
5	HBOUT1	18	WH	1680205C1
5*	A74A	18	GY	1680205C1
6	HCOUT2	18	WH	1680205C1
6*	A74H	16	VT	1680205C1
7	PLUG	-	-	0453133C1
8	PLUG	-	-	0453133C1
9	HASH(+)	18	YL	1680205C1
9*	A9BYS(+)	18	YL	1680205C1
10	HASH(-)	18	GN	1680205C1
10*	A9BNS(-)	18	GN	1680205C1
11	HD9V	18	GY	1680205C1
11	HE9V	18	GY	1680205C1
11	HF9V	18	GY	1680205C1
11*	A9V	18	GY	1680205C1
12	HA11-G	18	GY	1680205C1
12*	A11-GA	16	WH	1680205C1

• W/ COMMUNICATIONS SYSTEM, AWARE

**TELEMATICS 2  
(2J)**



CONNECTOR 3601923C1  
CONN LOCK 3601925C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	HA3H(+)	18	DKBL	1680205C1
1*	A9BB2(+)	18	BK	1680205C1
2	HA3H(-)	18	GY	1680205C1
2*	A9BB2(-)	18	BK	1680205C1
3	HCPPU	18	GY	1680205C1
3*	A74F	18	GY	1680205C1
4	HCA2	18	GY	1680205C1
4*	A74A2	18	GY	1680205C1
5	HCA4	18	GY	1680205C1
5*	A74D	18	GY	1680205C1
6	HBA6	18	GY	1680205C1
6*	A74B	18	GY	1680205C1
7	HCA5	18	GY	1680205C1
7*	A74E	18	GY	1680205C1
8	HCA3	18	GY	1680205C1
8*	A74A3	16	GY	1680205C1
9	HCA1	18	GY	1680205C1
9*	A36A	18	TN	1680205C1
10	HC11-G	18	GY	1680205C1
10*	A11-GD	18	GY	1680205C1
11	PLUG	-	-	0453133C1
12	PLUG	-	-	0453133C1


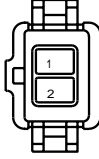




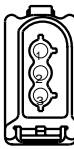

• W/ COMMUNICATIONS SYSTEM, AWARE

CHR	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	29MAR07	INITIAL RELEASE	A	60650P	MJV0088	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					60650P	12MAR07
						PART NO.
						AE08052376
						SHEET
						67A

Figure 274 Connector Composites (1J), (2J)

**12.82. CONNECTOR COMPOSITES (9988), (9989), (9990), (9991), (9992), (9993), (9995), (9996), P. 68**

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12																																					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR COMPOSITES - MATING VIEW SHOWN																																					
<p>FLARE LAMP (LEFT AMBER) (9988)</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R10-G</td> <td>18</td> <td>WH</td> <td>*XL3T-14474-EA</td> </tr> <tr> <td>2</td> <td>R68</td> <td>18</td> <td>BN</td> <td>*XL3T-14474-EA</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">*F6AB-14A464-GA</p>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	R10-G	18	WH	*XL3T-14474-EA	2	R68	18	BN	*XL3T-14474-EA	<p>FLARE LAMP RIGHT AMBER (9989)</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R10-G</td> <td>18</td> <td>WH</td> <td>*XL3T-14474-AEA</td> </tr> <tr> <td>2</td> <td>R68</td> <td>18</td> <td>BN</td> <td>*XL3T-14474-AEA</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">*F6AB-14A464-GA</p>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	R10-G	18	WH	*XL3T-14474-AEA	2	R68	18	BN	*XL3T-14474-AEA										
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CAV	CIR	GAUGE	COLOR	TERMINAL																																					
1	R10-G	18	WH	*XL3T-14474-AEA																																					
2	R68	18	BN	*XL3T-14474-AEA																																					
<p>FLARE LAMP (LEFT RED) (9990)</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R10-G</td> <td>18</td> <td>WH</td> <td>*XL3T-14474-EAE</td> </tr> <tr> <td>2</td> <td>R68</td> <td>18</td> <td>BN</td> <td>*XL3T-14474-EAE</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">*F6AB-14A464-GA</p>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	R10-G	18	WH	*XL3T-14474-EAE	2	R68	18	BN	*XL3T-14474-EAE	<p>FLARE LAMP (RIGHT RED) (9991)</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R10-G</td> <td>18</td> <td>WH</td> <td>*XL3T-14474-EAE</td> </tr> <tr> <td>2</td> <td>R68</td> <td>18</td> <td>BN</td> <td>*XL3T-14474-EAE</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">*F6AB-14A464-GA</p>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	R10-G	18	WH	*XL3T-14474-EAE	2	R68	18	BN	*XL3T-14474-EAE										
CAV	CIR	GAUGE	COLOR	TERMINAL																																					
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2	R68	18	BN	*XL3T-14474-EAE																																					
<p>LEFT TAIL TURN / STOP LAMP (9992)</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R10-G</td> <td>18</td> <td>WH</td> <td>*97BG-14474-AEA</td> </tr> <tr> <td>2</td> <td>R68</td> <td>18</td> <td>BN</td> <td>-</td> </tr> <tr> <td>3</td> <td>R56</td> <td>14</td> <td>OR</td> <td>*97BG-14474-AEA</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">*ZFJ-00703-UA</p>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	R10-G	18	WH	*97BG-14474-AEA	2	R68	18	BN	-	3	R56	14	OR	*97BG-14474-AEA	<p>RIGHT TAIL TURN / STOP LAMP (9993)</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R10-G</td> <td>18</td> <td>WH</td> <td>*97BG-14474-AEA</td> </tr> <tr> <td>2</td> <td>R68</td> <td>18</td> <td>BN</td> <td>-</td> </tr> <tr> <td>3</td> <td>R57</td> <td>14</td> <td>OR</td> <td>*97BG-14474-AEA</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">*ZFJ-00703-UA</p>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	R10-G	18	WH	*97BG-14474-AEA	2	R68	18	BN	-	3	R57	14	OR	*97BG-14474-AEA
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3	R57	14	OR	*97BG-14474-AEA																																					
<p>BACKUP LAMP (9995)</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R10-G</td> <td>18</td> <td>WH</td> <td>*97BG-14474-AEA</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>3</td> <td>R71</td> <td>18</td> <td>OR</td> <td>*97BG-14474-AEA</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">*ZFJ-00702-UA</p>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	R10-G	18	WH	*97BG-14474-AEA	2	-	-	-	-	3	R71	18	OR	*97BG-14474-AEA	<p>BACKUP LAMP (9996)</p>  <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R10-G</td> <td>18</td> <td>WH</td> <td>*97BG-14474-AEA</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>3</td> <td>R71</td> <td>18</td> <td>OR</td> <td>*97BG-14474-AEA</td> </tr> </tbody> </table> <p style="text-align: center; font-size: x-small;">*ZFJ-00702-UA</p>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	R10-G	18	WH	*97BG-14474-AEA	2	-	-	-	-	3	R71	18	OR	*97BG-14474-AEA
CAV	CIR	GAUGE	COLOR	TERMINAL																																					
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3	R71	18	OR	*97BG-14474-AEA																																					

NOTE - \* INDICATES PARTS TO BE GIVEN BY SUPPLIER

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					UQQAXPC	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS
					RELEASE NO.	DATE
					59918L	22DEC05
						PART NO.
						AF08-52376
						SHEET
						68

**Figure 275 Connector Composites (9988), (9989), (9990), (9991), (9992), (9993), (9995), (9996)**

12.83. CONNECTOR COMPOSITES (1936), (1937), (1938), (1940), P. 69

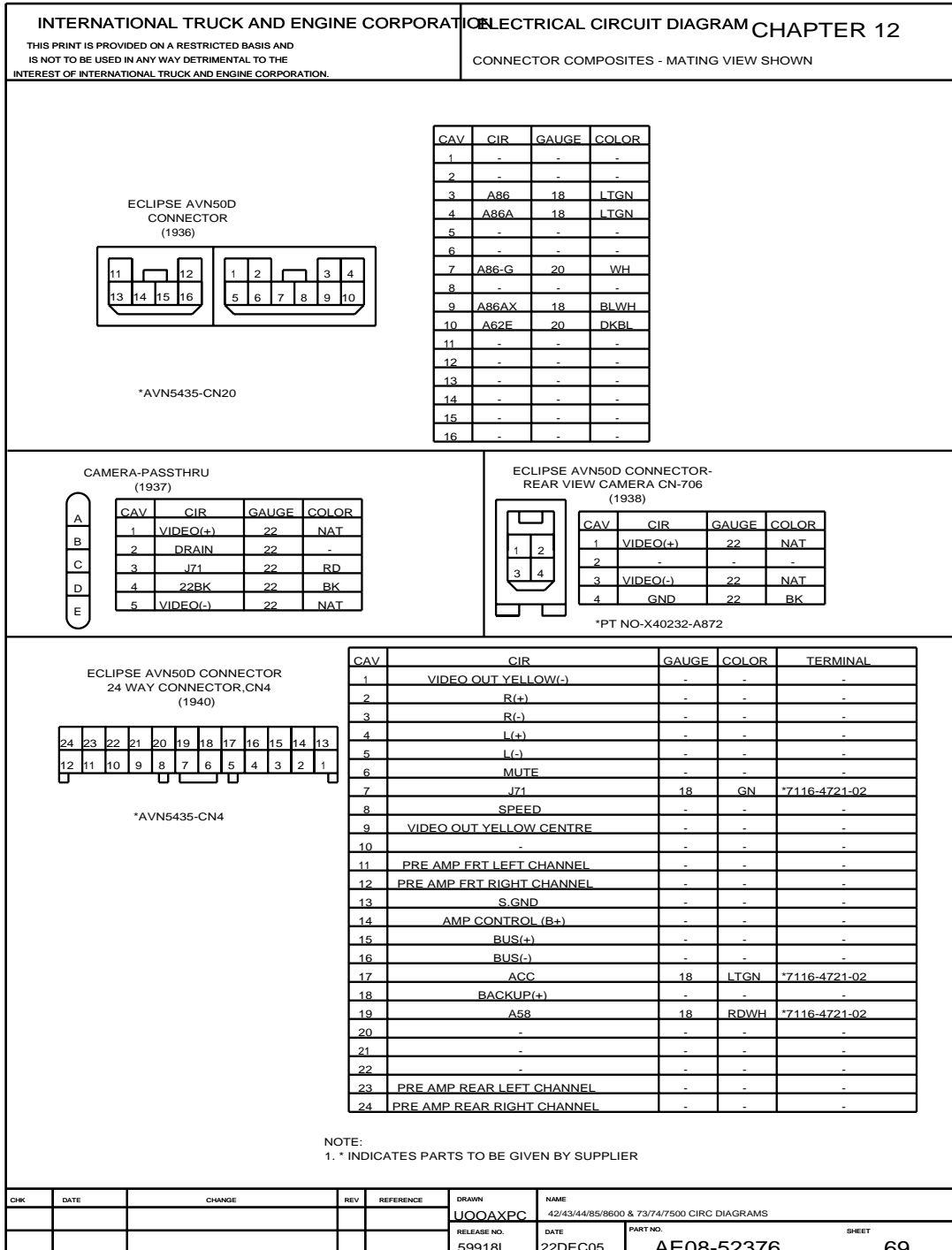


Figure 276 Connector Composites (1936), (1937), (1938), (1940)

12.84. CONNECTOR COMPOSITES (1943), (1944), (1949), (1997), P. 70

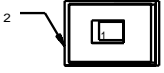
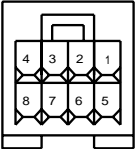
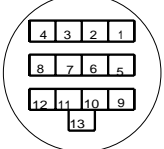
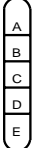
<p style="text-align: center;">INTERNATIONAL TRUCK AND ENGINE CORPORATION</p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p style="text-align: center;">ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12</p> <p style="text-align: center;">CONNECTOR COMPOSITES - MATING VIEW SHOWN</p>																																																																						
<p style="text-align: center;">ECLIPSE AVN50D CONNECTOR GPS ANTENNA (1943)</p> <div style="display: flex; align-items: center; justify-content: center;">  <table border="1" style="margin-left: 20px; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>SIGNAL</td> <td>22</td> <td>NONE</td> </tr> <tr> <td>2</td> <td>GROUND</td> <td>22</td> <td>NONE</td> </tr> </tbody> </table> </div> <p style="text-align: center; margin-top: 10px;">*AVN5435-GPS</p>	CAV	CIR	GAUGE	COLOR	1	SIGNAL	22	NONE	2	GROUND	22	NONE																																																											
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<p style="text-align: center;">ECLIPSE AVN50D CONNECTOR 3W-13WAY DIN (1949)</p> <div style="display: flex; align-items: center; justify-content: center;">  <table border="1" style="margin-left: 20px; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N.C.</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>2</td> <td>BACKUP(+)</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>3</td> <td>GND</td> <td>18</td> <td>WH</td> <td>*7116-4721-02</td> </tr> <tr> <td>4</td> <td>ACC</td> <td>18</td> <td>LTGN</td> <td>*7116-4721-02</td> </tr> <tr> <td>5</td> <td>R(+)</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>6</td> <td>L(-)</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>7</td> <td>S.GND</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>8</td> <td>N.C.</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>9</td> <td>L(+)</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>10</td> <td>BUS(+)</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>11</td> <td>MUTE</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>12</td> <td>BUS(-)</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>13</td> <td>R(-)</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> </div> <p style="text-align: center; margin-top: 10px;">*AVN5435-3W-13WAY DIN</p>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	N.C.	-	-	-	2	BACKUP(+)	-	-	-	3	GND	18	WH	*7116-4721-02	4	ACC	18	LTGN	*7116-4721-02	5	R(+)	-	-	-	6	L(-)	-	-	-	7	S.GND	-	-	-	8	N.C.	-	-	-	9	L(+)	-	-	-	10	BUS(+)	-	-	-	11	MUTE	-	-	-	12	BUS(-)	-	-	-	13	R(-)	-	-	-	
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Figure 277 Connector Composites (1943), (1944), (1949), (1997)

12.85. CONNECTOR COMPOSITE (9998), P. 71

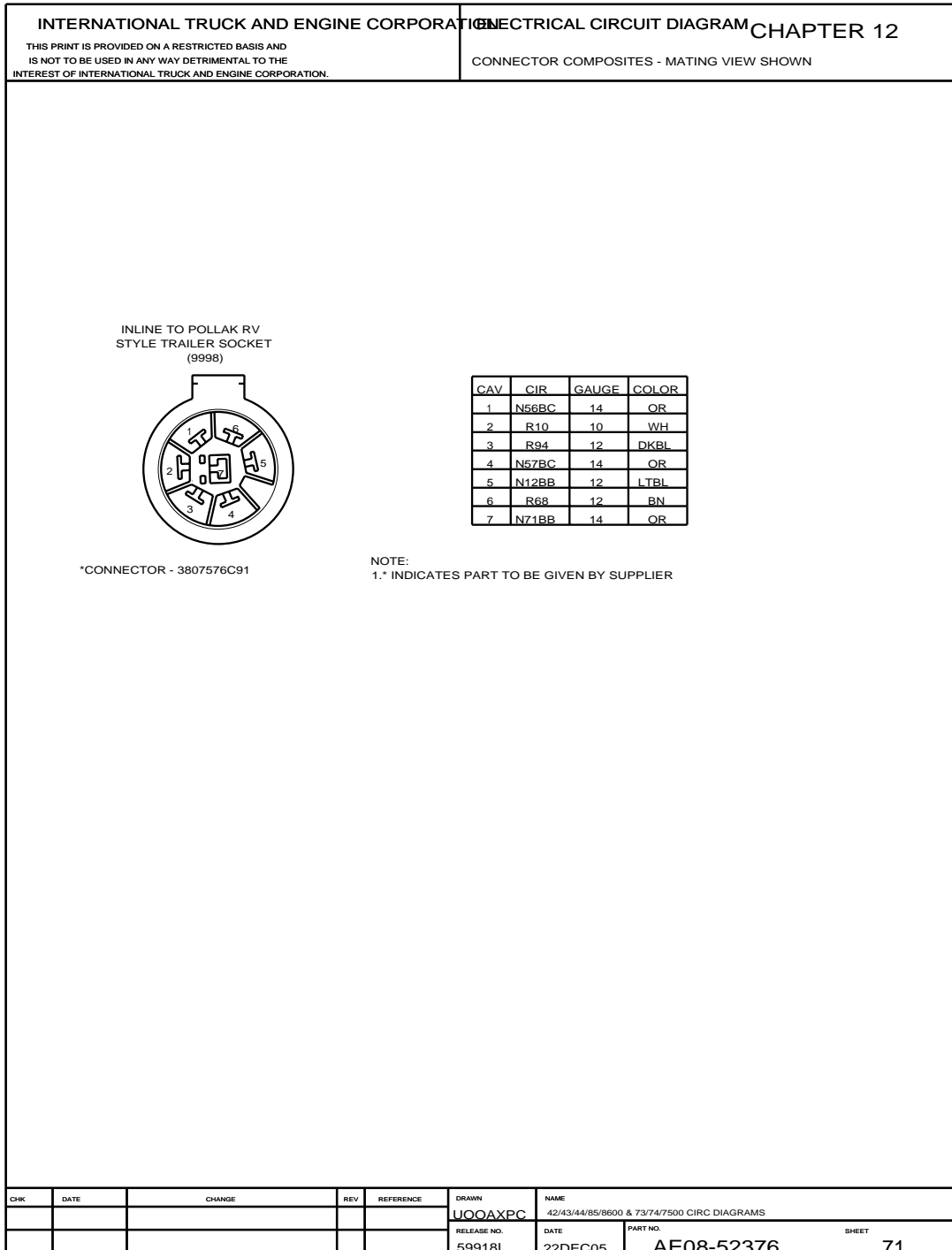


Figure 278 Connector Composite (9998)

12.86. CONNECTOR COMPOSITES (C1), (C15), (C40), (C50), (C60), (C70), (C80), P. 72

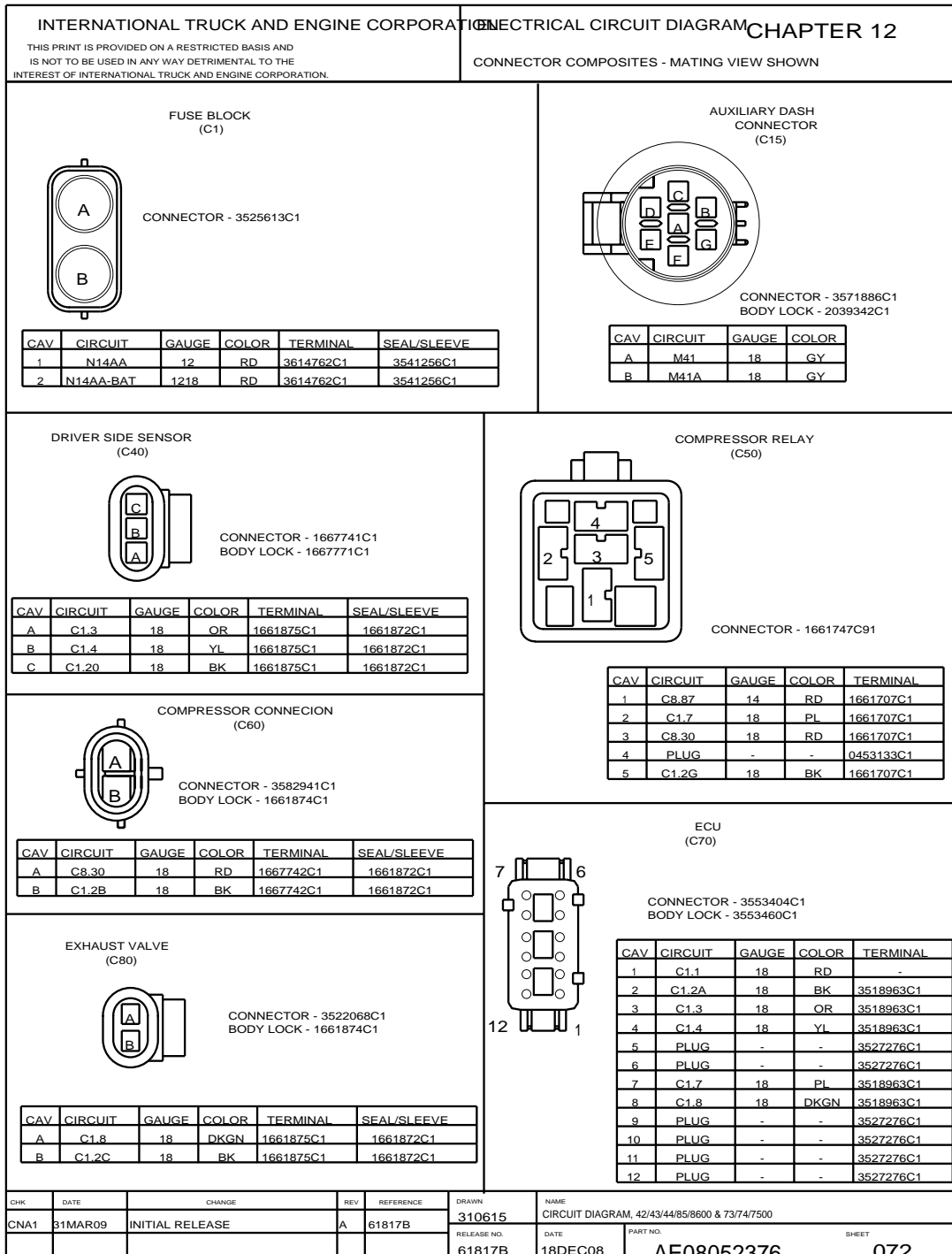


Figure 279 Connector Composites (C1), (C15), (C40), (C50), (C60), (C70), (C80)