13. CONNECTOR BODY COMPOSITES (CHAPTER 13)

13.1. CONNECTOR COMPOSITES (J1), P. 1

INTERNATIONAL TRUCK AND ENGINE CORPORATION

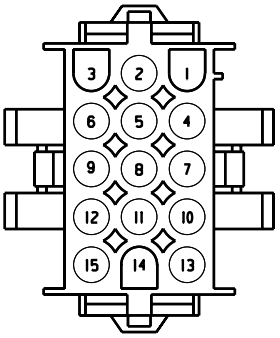
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.

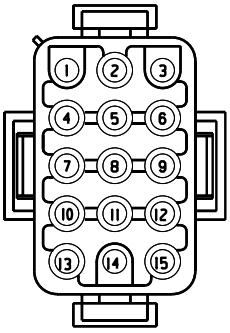
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

DASH HARNESS
(LPO CONNECTOR)

(J1)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	-	-	-	-	-
15	-	16	WHT	1661538C1	N/A

CONNECTOR 3586676C91
TERMINAL 1661538C1 - PIN2014

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	-	-	-	-	-
15	-	16	WHT	1661539C1	N/A

CONNECTOR 3586675C91
TERMINAL 1661539C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 / PART NO. AE08-56318 / SHEET 001

Figure 229 Connector Composites (J1)

13.2. CONNECTOR COMPOSITE (BBJ1), P. 2

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 CHAPTER13

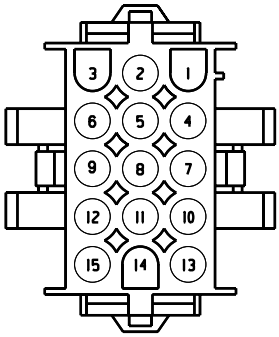
CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

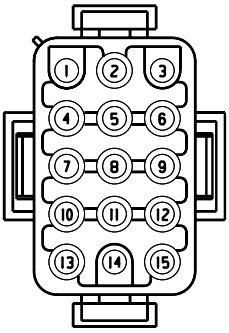
BODY BUILDER TO FLASHER PLATE

(LPO CONNECTOR)

(LIFT INTERLOCK WITH KEY ON OR OFF)

(BBJ1)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	A44G	16	WHT	1661538C1	N/A
2	-	-	-	-	-
3	A44PG	16	WHT	1661538C1	N/A
4	A44L	16	GRA	1661538C1	N/A
5	A44M	16	GRA	1661538C1	N/A
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	-	-	-	-	-
15	-	-	-	-	-

CONNECTOR 3586676C91

TERMINAL *2030385C1 - PIN1210
1661538C1 - PIN2014

* PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATION

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	-	-	-	-	-
3	58	16	BLU	1661539C1	N/A
4	30	16	BLK	1661539C1	N/A
4	30A	16	BLK	1661539C1	N/A
5	55	16	VIO	1661539C1	N/A
	55	16	VIO	1661539C1	N/A
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	-	-	-	-	-
15	-	-	-	-	-

CONNECTOR 3586675C91

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 002

Figure 230 Connector Composite (BBJ1)

13.3. CONNECTOR COMPOSITES (J1), P. 3

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.

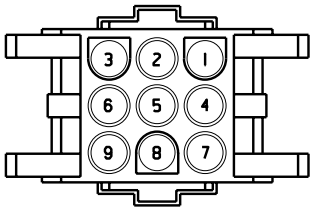
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

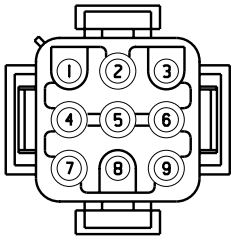
CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO LH BODY HARNESS

(LPO CONNECTOR)

(J1)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	55	16	WHT	1661538C1	N/A
2	55	16	WHT	1661538C1	N/A
2	56	16	WHT	1661538C1	N/A
3	58	16	BLU	1661538C1	N/A
3	57	16	WHT	1661538C1	N/A
4	58	16	WHT	1661538C1	N/A
5	59	16	WHT	1661538C1	N/A
5	34	16	YEL	1661538C1	N/A
6	34	16	BRN	1661538C1	N/A
7	34	16	WHT	1661538C1	N/A
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206664C1

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	55	16	WHT	1661539C1	N/A
2	55	16	WHT	1661539C1	N/A
3	58	16	BLU	1661539C1	N/A
3	57	16	WHT	1661539C1	N/A
4	58	16	WHT	1661539C1	N/A
5	59	16	WHT	1661538C1	N/A
5	34	16	YEL	1661539C1	N/A
6	34	16	BRN	1661539C1	N/A
7	34	16	WHT	1661538C1	N/A
8	-	-	-	-	-
	-	-	-	-	-

CONNECTOR 2206659C1

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 13DEC07	PART NO. AE08-56318 SHEET 003

Figure 231 Connector Composites (J1)

13.4. CONNECTOR COMPOSITE (J2), P. 4

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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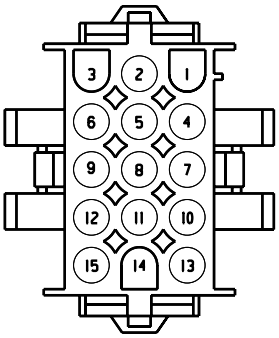
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

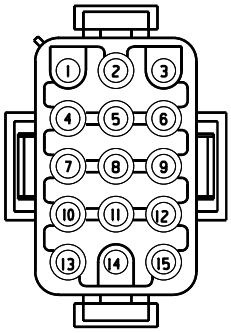
CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

REAR CAP HARNESS

(LPO CONNECTOR)

(J2)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	-	16	WHT	1661538C1	N/A
3	40	16	BLK	1661538C1	N/A
4	75	16	GRN	1661538C1	N/A
5	-	-	-	-	-
6	63	16	BLU	1661538C1	N/A
	33	16	BLK	1661538C1	N/A
7	75	16	BLU	1661538C1	N/A
8	75	16	BLK	1661538C1	N/A
9	-	-	-	-	-
10	20	16	PNK	1661538C1	N/A
11	6	16	PNK	1661538C1	N/A
12	-	-	-	-	-
13	-	-	-	-	-
14	-	-	-	-	-
15	-	-	-	-	-

CONNECTOR 3586676C91

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	-	16	WHT	1661539C1	N/A
3	40	16	BLK	1661539C1	N/A
4	75	16	GRN	1661539C1	N/A
5	-	-	-	-	-
6	63	16	BLU	1661539C1	N/A
	33	16	BLK	1661539C1	N/A
7	75	16	BLU	1661539C1	N/A
8	75	16	BLK	1661539C1	N/A
9	-	-	-	-	-
10	20	16	PNK	1661539C1	N/A
11	6	16	PNK	1661539C1	N/A
12	-	-	-	-	-
13	-	-	-	-	-
14	-	-	-	-	-
15	-	-	-	-	-

CONNECTOR 3586675C91

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 004

Figure 232 Connector Composite (J2)

13.5. CONNECTOR COMPOSITES (BBJ2), P. 5

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 CHAPTER13

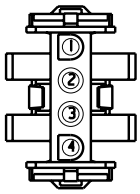
CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

BODY BUILDER TO FLASHER PLATE

(LPO CONNECTOR)

(INTERLOCK WITH KEY ON OR OFF)

(BBJ2)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	55	16	WHT	1661538C1	N/A
2	55	16	ORN	1661538C1	N/A
3	55	16	ORN	1661538C1	N/A
4	-	-	-	-	-

CONNECTOR 2206666C1

TERMINAL 1661538C1 - PIN2014

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	55	16	WHT	1661539C1	N/A
2	55	16	ORN	1661539C1	N/A
3	55	16	ORN	1661539C1	N/A
4	-	-	-	-	-

CONNECTOR 2206661C1

TERMINAL 1661539C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 13DEC07	PART NO. AE08-56318 SHEET 005

Figure 233 Connector Composites (BBJ2)

13.6. CONNECTOR COMPOSITES (J2), P. 6

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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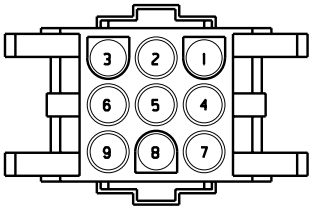
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

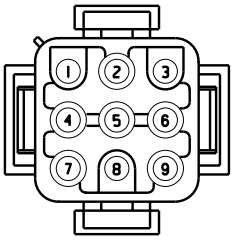
CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY HARNESS TO REAR CAP HARNESS

(LPO CONNECTOR)

(J2)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	55	16	WHT	1661538C1	N/A
2&	55	16	WHT	1661538C1	N/A
2&	56	16	WHT	1661538C1	N/A
3&	58	16	BLU	1661538C1	N/A
3&	57	16	WHT	1661538C1	N/A
4	58	16	WHT	1661538C1	N/A
5&	34	16	YEL	1661538C1	N/A
5&	59	16	WHT	1661538C1	N/A
6	34	16	BRN	1661538C1	N/A
7	34	16	WHT	1661538C1	N/A
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206664C1

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	55	16	WHT	1661539C1	N/A
2&	55	16	WHT	1661539C1	N/A
2&	56	16	WHT	1661539C1	N/A
3&	58	16	BLU	1661539C1	N/A
3&	57	16	WHT	1661539C1	N/A
4	58	16	WHT	1661539C1	N/A
5&	34	16	YEL	1661539C1	N/A
5&	59	16	WHT	1661539C1	N/A
6	34	16	BRN	1661539C1	N/A
7	34	16	WHT	1661539C1	N/A
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206659C1

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

& MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 006

Figure 234 Connector Composites (J2)

13.7. CONNECTOR COMPOSITES (BLANK PAGE), P. 7

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

INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 15DEC07	PART NO. AE08-56318 SHEET 007

Figure 235 Connector Composites (Blank Page)

13.8. CONNECTOR COMPOSITES (J3), P. 8

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.

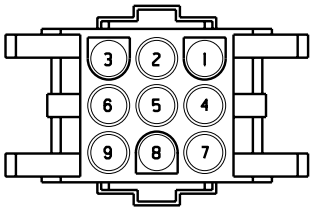
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

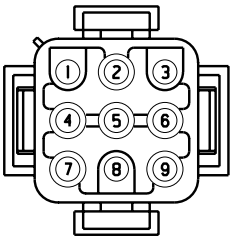
CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

REAR CAP HARNESS TO RH BODY HARNESS

(LPO CONNECTOR)

(J3)





CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	55	16	WHT	1661538C1	N/A
2&	55	16	WHT	1661538C1	N/A
2&	56	16	WHT	1661538C1	N/A
3	58	16	BLU	1661538C1	N/A
3	57	16	WHT	1661538C1	N/A
4	58	16	WHT	1661538C1	N/A
5&	34	16	YEL	1661538C1	N/A
5&	59	16	WHT	1661538C1	N/A
6	34	16	BRN	1661538C1	N/A
7	34	16	WHT	1661538C1	N/A
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206664C1

TERMINAL *2030385C1 - PIN1210
1661538C1 - PIN2014

* PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	55	16	WHT	1661539C1	N/A
2	55	16	WHT	1661539C1	N/A
3	58	16	BLU	1661539C1	N/A
3	57	16	WHT	1661539C1	N/A
4	58	16	WHT	1661539C1	N/A
5&	34	16	YEL	1661539C1	N/A
5&	59	16	WHT	1661539C1	N/A
6	34	16	BRN	1661539C1	N/A
7	34	16	WHT	1661539C1	N/A
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206659C1

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

& MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 008

Figure 236 Connector Composites (J3)

13.9. CONNECTOR COMPOSITES (J4), P. 9

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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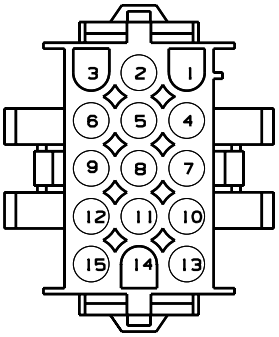
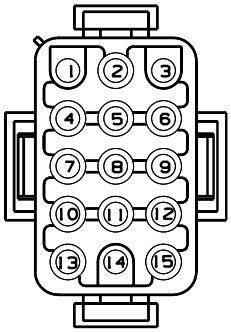
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

CHASSIS HARNESS TO FLASHER PLATE / WIPER HARNESS

(J4)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	11	12	GRN	2030385C1	N/A
2	12	12	GRN	2030385C1	N/A
3	26	12	GRN	2030385C1	N/A
4	12	12	BLK	2030385C1	N/A
5	27	12	VIO	2030385C1	N/A
6	28	12	VIO	2030385C1	N/A
7	29	12	VIO	2030385C1	N/A
8	13	12	BLK	2030385C1	N/A
	64	16	RED	1661538C1	N/A
9	38	16	BRN	1661538C1	N/A
10	50	16	BLU	1661538C1	N/A
11	4	16	BLK	1661538C1	N/A
12	50	16	PNK	1661538C1	N/A
13	46	16	VIO	1661538C1	N/A
14	42	12	GRA	2030385C1	N/A
15	50	16	WHT	1661538C1	N/A

CONNECTOR 3586676C91

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATION

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	11	12	GRN	2030386C1	N/A
2	12	12	GRN	2030386C1	N/A
3	26	12	GRN	2030386C1	N/A
4	12	12	BLK	2030386C1	N/A
5	27	12	VIO	2030386C1	N/A
6	28	12	VIO	2030386C1	N/A
7	29	12	VIO	2030386C1	N/A
8	13	12	BLK	2030386C1	N/A
9	38	16	BRN	1661539C1	N/A
10	50	16	BLU	1661539C1	N/A
11	4	16	BLK	1661539C1	N/A
12	50	16	PNK	1661539C1	N/A
13	46	16	VIO	1661539C1	N/A
14	42	12	GRA	2030386C1	N/A
15	50	16	WHT	1661539C1	N/A

CONNECTOR 3586675C91

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 13DEC07	PART NO. AE08-56318 SHEET 009

Figure 237 Connector Composites (J4)

13.10. CONNECTOR COMPOSITES (J4), P. 10

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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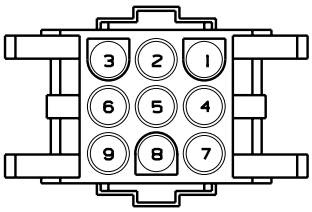
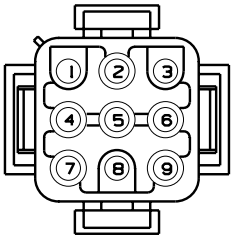
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

RH BODY HARNESS
(LPO CONNECTOR)

(J4)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	55	16	WHT	1661538C1	N/A
2&	55A	16	WHT	1661538C1	N/A
2&	56	16	WHT	1661538C1	N/A
3&	58	16	BLU	1661538C1	N/A
3&	57	16	WHT	1661538C1	N/A
4	58	16	WHT	1661538C1	N/A
4	34	16	WHT	1661538C1	N/A
5&	34	16	YEL	1661538C1	N/A
5&	59	16	WHT	1661538C1	N/A
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206664C1

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	55	16	WHT	1661539C1	N/A
2	55	16	WHT	1661539C1	N/A
2	56	16	WHT	1661539C1	N/A
3	58	16	BLU	1661539C1	N/A
3	57	16	WHT	1661539C1	N/A
4	58	16	WHT	1661539C1	N/A
5	34	16	YEL	1661539C1	N/A
5	59	16	WHT	1661539C1	N/A
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206659C1

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

& MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 010

Figure 238 Connector Composites (J4)

13.11. CONNECTOR COMPOSITES (J5), P. 11

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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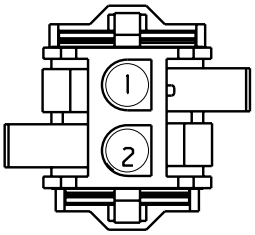
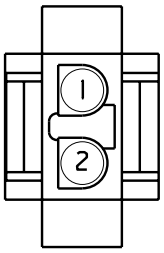
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO LIFT SOLENOID

(J5)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	55	16	VIO	1661538C1	N/A
2	55	16	WHT	1661538C1	N/A

CONNECTOR 1669030C1

TERMINAL 1661538C1 - PIN2014

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	55	16	VIO	1661539C1	N/A
2	55	16	WHT	1661539C1	N/A

CONNECTOR 1669029C1

TERMINAL 1661539C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 PART NO. AE08-56318 SHEET 011

Figure 239 Connector Composites (J5)

13.12. CONNECTOR COMPOSITES (J5), P. 12

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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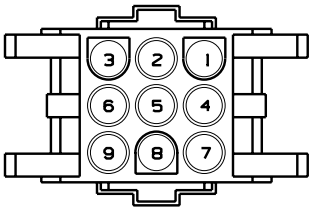
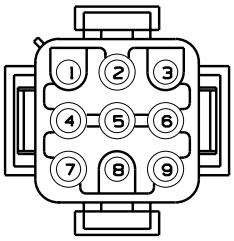
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

CHASSIS HARNESS

(J5)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	38	16	BRN	1661538C1	N/A
2	65	12	BLU	2030385C1	N/A
3	63	16	YEL	1661538C1	N/A
4	59	16	PNK	1661538C1	N/A
5	-	16	PNK	1661538C1	N/A
6	-	16	BLK	1661538C1	N/A
7	63	16	BLU	1661538C1	N/A
8	63	16	BLK	1661538C1	N/A
9	C	16	WHT	1661538C1	N/A

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	38	16	BRN	1661539C1	N/A
2	65	12	BLU	2030386C1	N/A
3	63	16	YEL	1661539C1	N/A
4	59	16	PNK	1661539C1	N/A
5	-	16	PNK	1661539C1	N/A
6	-	16	BLK	1661539C1	N/A
7	63	16	BLU	1661539C1	N/A
8	63	16	BLK	1661539C1	N/A
9	C	16	WHT	1661539C1	N/A

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 012

Figure 240 Connector Composites (J5)

13.13. CONNECTOR COMPOSITES (J6), P. 13

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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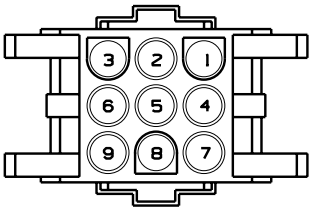
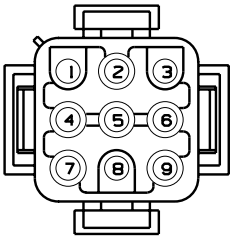
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO LH BODY HARNESS

(J6)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	6	16	PNK	1661538C1	N/A
1	-	-	-	-	-
2	-	-	-	-	-
3	18	12	GRN	2030385C1	N/A
4	19	12	RED	2030385C1	N/A
5	-	-	-	-	-
6	67	16	GRN	1661538C1	N/A
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	6	16	PNK	1661539C1	N/A
1	-	-	-	-	-
2	-	-	-	-	-
3	18	12	GRN	2030386C1	N/A
4	19	12	RED	2030386C1	N/A
5	-	-	-	-	-
6	67	16	GRN	1661539C1	N/A
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					300152	CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 13DEC07	PART NO. AE08-56318	SHEET 013

Figure 241 Connector Composites (J6)

13.14. CONNECTOR COMPOSITES (J7), P. 14

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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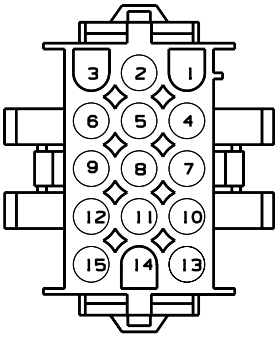
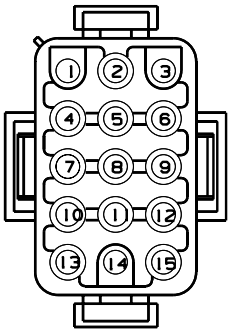
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY HARNESS TO FRONT CAP HARNESS

(J7)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	20	16	PNK	1661538C1	N/A
2	20	16	WHT	1661538C1	N/A
3	-	-	-	-	-
4	-	-	-	-	-
5	8	12	PNK	2030385C1	N/A
6	9	12	PNK	2030385C1	N/A
7	24	12	PNK	2030385C1	N/A
8	25	12	PNK	2030385C1	N/A
9	2	16	YEL	1661538C1	N/A
10	50	16	PNK	1661538C1	N/A
11	18	12	GRN	2030385C1	N/A
12	19	12	RED	2030385C1	N/A
13	31	16	VIO	1661538C1	N/A
14	32	16	RED	1661538C1	N/A
15	51	16	YEL	1661538C1	N/A

CONNECTOR 3586676C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	20	16	PNK	1661538C1	N/A
2	20	16	WHT	1661538C1	N/A
3	-	-	-	-	-
4	-	-	-	-	-
5	8	12	PNK	2030386C1	N/A
6	9	12	PNK	2030386C1	N/A
7	24	12	PNK	2030386C1	N/A
8	25	12	PNK	2030386C1	N/A
9	2	16	YEL	1661539C1	N/A
10	50	16	PNK	1661539C1	N/A
11	18	12	GRN	2030386C1	N/A
12	19	12	RED	2030386C1	N/A
13	31	16	VIO	1661539C1	N/A
14	32	16	RED	1661539C1	N/A
15	51	16	YEL	1661539C1	N/A

CONNECTOR 3586675C91

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 014

Figure 242 Connector Composites (J7)

13.15. CONNECTOR COMPOSITES (J9), P. 15

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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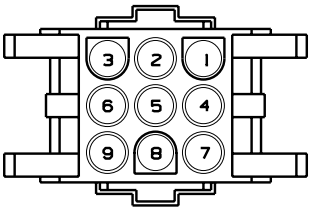
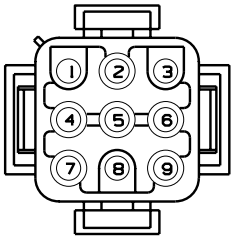
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY HARNESS TO REAR CAP

(J9)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	2	16	YEL	1661538C1	N/A
1&	2B	16	YEL	1661538C1	N/A
1&	75	16	YEL	1661538C1	N/A
2	50	16	YEL	1661538C1	N/A
3	83	12	RED	2030385C1	N/A
4	83	16	BRN	1661538C1	N/A
5	84	16	GRN	1661538C1	N/A
6	83	16	YEL	1661538C1	N/A
7	8	12	ORN	2030385C1	N/A
8	24	12	ORN	2030385C1	N/A
9	14	16	PNK	1661538C1	N/A

CONNECTOR 2206664C1

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	2	16	YEL	1661539C1	N/A
1&	2B	16	YEL	1661539C1	N/A
1&	75	16	YEL	1661539C1	N/A
2	50	16	YEL	1661539C1	N/A
3	84	16	RED	1661539C1	N/A
	84	16	RED	1661539C1	N/A
4	83	16	BRN	1661539C1	N/A
	84	16	BRN	1661539C1	N/A
5	84	16	GRN	1661539C1	N/A
6	83	16	YEL	1661539C1	N/A
7	8	12	ORN	2030386C1	N/A
8	24	12	ORN	2030386C1	N/A
9	14	16	PNK	1661539C1	N/A

CONNECTOR 2206659C1

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

& MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 / PART NO. AE08-56318 / SHEET 015

Figure 243 Connector Composites (J9)

13.16. CONNECTOR COMPOSITES (J9), P. 16

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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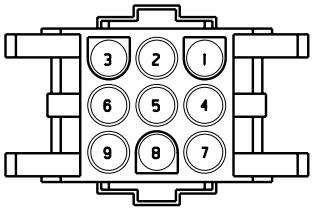
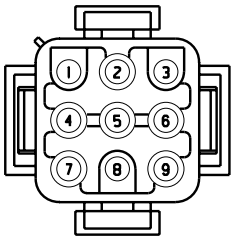
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

WIPER HARNESS

(J9)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	12	YEL	2030385C1	N/A
2	-	12	WHT	2030385C1	N/A
3	-	12	BLU	2030385C1	N/A
4	-	12	RED	2030385C1	N/A
5	-	12	YEL	2030385C1	N/A
6	-	12	WHT	2030385C1	N/A
7	-	12	BLU	2030385C1	N/A
8	-	12	BRN	2030385C1	N/A
9	-	12	BLK	2030385C1	N/A

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	11	12	GRN	2030386C1	N/A
2	12	12	GRN	2030386C1	N/A
3	26	12	GRN	2030386C1	N/A
4	13	16	BLK	1661539C1	N/A
4	12	16	BLK	1661539C1	N/A
5	27	12	V10	2030385C1	N/A
6	28	12	V10	2030385C1	N/A
7	29	12	V10	2030385C1	N/A
8	46	16	V10	1661539C1	N/A
9	-	12	WHT	2030386C1	N/A

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 016

Figure 244 Connector Composites (J9)

13.17. CONNECTOR COMPOSITES (J10), (J33), P. 17

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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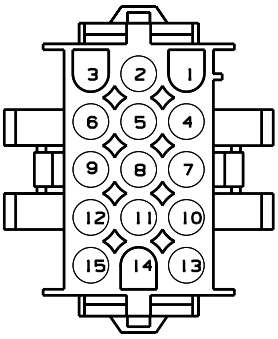
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

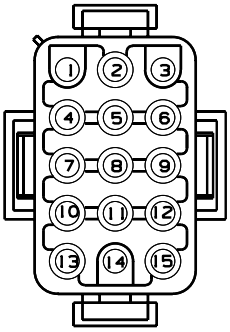
CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY HARNESS TO REAR CAP

(J10)

(J33)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	BLU	1661538C1	N/A
2	40	16	BLK	1661538C1	N/A
3	5	16	PNK	1661538C1	N/A
4	76	16	PNK	1661538C1	N/A
5	9	12	ORN	2030385C1	N/A
6	25	12	ORN	2030385C1	N/A
7	33	16	BRN	2030385C1	N/A
8	10	16	BLU	1661538C1	N/A
9&	55	16	VIO	1661538C1	N/A
9&	3	16	BRN	1661538C1	N/A
10			RESERVED		
11	44	16	BLU	1661538C1	N/A
12	43	16	VIO	1661538C1	N/A
13	84	16	RED	1661538C1	N/A
14	84	16	BRN	1661538C1	N/A
15	75	16	BLK	1661538C1	N/A

CONNECTOR 3586676C91

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	BLU	1661538C1	N/A
1	84	16	BLU	1661538C1	N/A
2	40	16	BLK	1661538C1	N/A
3	5	16	PNK	1661538C1	N/A
4	76	16	PNK	1661538C1	N/A
5	9	12	ORN	2030385C1	N/A
6	25	12	ORN	2030385C1	N/A
7	33	16	BRN	2030385C1	N/A
8	10	16	BLU	1661538C1	N/A
9	55	16	RED	1661538C1	N/A
10			RESERVED		
11	44	16	BLU	1661538C1	N/A
12	43	16	VIO	1661538C1	N/A
13	84	16	RED	1661538C1	N/A
14	84	16	BRN	1661538C1	N/A
15	75	16	BLK	1661538C1	N/A

CONNECTOR 3586675C91

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

& MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 / PART NO. AE08-56318 / SHEET 017

Figure 245 Connector Composites (J10), (J33)

13.18. CONNECTOR COMPOSITES (J11), P. 18

INTERNATIONAL TRUCK AND ENGINE CORPORATION

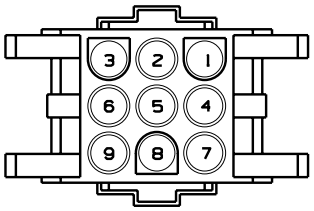
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.

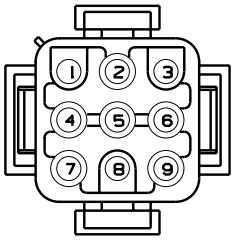
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

REAR CAP TO RH BODY HARNESS

(J11)





CAV	CIR	GAUGE	COLOUR	TERMINAL	SEAL/SLEEVE
1	40	16	BLK	1661538C1	N/A
2	53B	16	BRN	1661538C1	N/A
2	53A	16	BRN	1661538C1	N/A
3	44	16	BLU	1661538C1	N/A
4	43	16	BLU	1661538C1	N/A
5	33	16	BRN	1661538C1	N/A
6	2	16	YEL	1661538C1	N/A
7	84	16	GRN	1661538C1	N/A
8	50	16	YEL	1661538C1	N/A
9	55	16	VIO	1661538C1	N/A

CONNECTOR 2206664C1

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOUR	TERMINAL	SEAL/SLEEVE
1	40	16	BLK	1661539C1	N/A
2	53B	16	BRN	1661539C1	N/A
2	53A	16	BRN	1661539C1	N/A
3	44	16	BLU	1661539C1	N/A
4	43	16	BLU	1661539C1	N/A
5	33	16	BRN	1661539C1	N/A
6	2	16	YEL	1661539C1	N/A
7	84	16	GRN	1661539C1	N/A
8	50	16	YEL	1661539C1	N/A
9	55	16	VIO	1661539C1	N/A

CONNECTOR 2206659C1

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 018

Figure 246 Connector Composites (J11)

13.19. CONNECTOR COMPOSITES (BLANK PAGE), P. 19

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

INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 15DEC07	PART NO. AE08-56318 SHEET 019

Figure 247 Connector Composites (Blank Page)

13.20. CONNECTOR COMPOSITES (BLANK PAGE), P. 20

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 15DEC07	PART NO. AE08-56318 SHEET 020

Figure 248 Connector Composites (Blank Page)

13.21. CONNECTOR COMPOSITES (BLANK PAGE), P. 21

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

INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 15DEC07	PART NO. AE08-56318	SHEET 021

Figure 249 Connector Composites (Blank Page)

13.22. CONNECTOR COMPOSITES (J33), P. 22

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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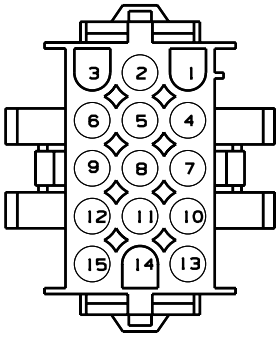
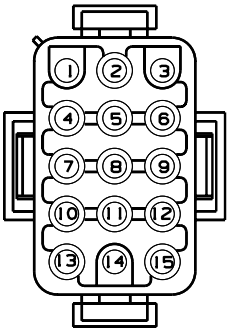
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO CHASSIS HARNESS

(J33)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	BRN	1661538C1	N/A
1	84	16	BRN	1661538C1	N/A
2	83	16	BLU	1661538C1	N/A
3	84	16	GRN	1661538C1	N/A
4	83	16	YEL	1661538C1	N/A
5	-	12	GRN	2030385C1	N/A
6	-	12	GRN	2030385C1	N/A
7	-	-	-	-	-
8	-	12	RED	2030385C1	N/A
9	-	12	RED	2030385C1	N/A
10	59	16	GRA	1661538C1	N/A
11	58	16	PNK	1661538C1	N/A
12	55	16	VIO	1661538C1	N/A
13	-	-	-	-	-
14	-	-	-	-	-
15	75	16	BLK	1661538C1	N/A

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	BRN	1661539C1	N/A
2	83	16	BLU	1661539C1	N/A
3	84	16	GRN	1661539C1	N/A
4	83	16	YEL	1661539C1	N/A
5	-	12	GRN	2030386C1	N/A
6	-	12	GRN	2030386C1	N/A
7	-	-	-	-	-
8	-	12	RED	2030386C1	N/A
9	-	12	RED	2030386C1	N/A
10	59	16	GRA	1661539C1	N/A
11	58	16	PNK	1661539C1	N/A
12	55	16	VIO	1661539C1	N/A
13	-	-	-	-	-
14	-	-	-	-	-
15	75	16	BLK	1661539C1	N/A

CONNECTOR 3586676C91

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CONNECTOR 3586675C91

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 022

Figure 250 Connector Composites (J33)

13.23. CONNECTOR COMPOSITES (J40), P. 23

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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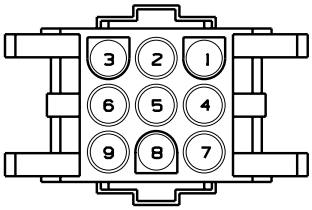
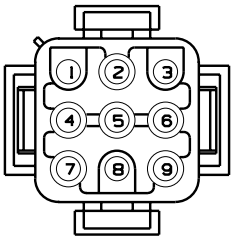
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY HARNESS TO P/A OR RADIO CONNECTOR IN OVERHEAD PANEL

(J40)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	30	16	YEL	1661538C1	N/A
2	31	16	YEL	1661538C1	N/A
3	43	16	BLU	1661538C1	N/A
4	44	16	BLU	1661538C1	N/A
5	41	16	GRA	1661538C1	N/A
6	42	16	GRA	1661538C1	N/A
7	41	16	BLK	1661538C1	N/A
8	42	16	BLK	1661538C1	N/A
9	42	16	WHT	1661538C1	N/A

CONNECTOR 2206664C1

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	GRY/BLK ORG	1661539C1	N/A
2	-	-	ORG	1661539C1	N/A
3	-	-	VIO/BLK ORG	1661539C1	N/A
4	-	-	BLK/ BLU	1661539C1	N/A
5	-	-	WHT/BLK GRN/BLK	1661539C1	N/A
6	-	-	GRY	1661539C1	N/A
7	-	-	YEL	1661539C1	N/A
8	-	-	RED	1661539C1	N/A
9	-	-	BLK	1661539C1	N/A

CONNECTOR 2206659C1

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 13DEC07	PART NO. AE08-56318 SHEET 023

Figure 251 Connector Composites (J40)

13.24. CONNECTOR COMPOSITES (BLANK PAGE), P. 24

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 15DEC07	PART NO. AE08-56318 SHEET 024

Figure 252 Connector Composites (Blank Page)

13.25. CONNECTOR COMPOSITES (J41), P. 25

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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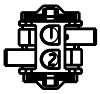
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY TO FRONT CAP HARNESS

(J41)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	51	16	YEL	1661538C1	N/A
2	1	16	WHT	2030385C1	N/A
	1	16	WHT	2030385C1	N/A

CONNECTOR 1669030C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	YEL	1661539C1	N/A
2	-	-	WHT	1661539C1	N/A

CONNECTOR 1669029C1

CHASSIS HARNESS

(J41)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	42	12	GRA	2030385C1	N/A
2	-	-	-	-	-
3	1	16	WHT	1661538C1	N/A

CONNECTOR 2206665C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	42	12	GRA	2030386C1	N/A
2	-	-	-	-	-
3	1	16	WHT	1661539C1	N/A

CONNECTOR 2206660C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 13DEC07	PART NO. AE08-56318 SHEET 025

Figure 253 Connector Composites (J41)

13.26. CONNECTOR COMPOSITES (J44), P. 26

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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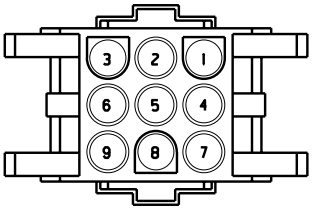
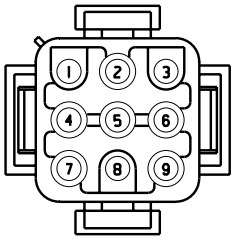
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY TO REAR CAP

(J44)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	67	16	GRN	1661538C1	N/A
2	38	16	BRN	1661538C1	N/A
3	44	12	BLU	2030385C1	N/A
4	58	16	YEL	1661538C1	N/A
5&	53	16	BRN	1661538C1	N/A
5&	54	16	BRN	1661538C1	N/A
6	75	16	PNK	1661538C1	N/A
7	3	16	BRN	1661538C1	N/A
8	30	16	BLK	1661538C1	N/A
9	30	16	VIO	1661538C1	N/A

CONNECTOR 2206664C1

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	67	16	GRN	1661539C1	N/A
2	38	16	BRN	1661539C1	N/A
3	44	12	BLU	2030386C1	N/A
4	58	16	YEL	1661539C1	N/A
5&	53	16	BRN	1661539C1	N/A
5&	53A	16	BRN	1661539C1	N/A
5&	54	16	BRN	1661539C1	N/A
6	75	16	PNK	1661539C1	N/A
7	3	16	BRN	1661539C1	N/A
8	30	16	BLK	1661539C1	N/A
9	30	16	VIO	1661539C1	N/A

CONNECTOR 2206659C1

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

& MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 026

Figure 254 Connector Composites (J44)

13.27. CONNECTOR COMPOSITES (J45), P. 27

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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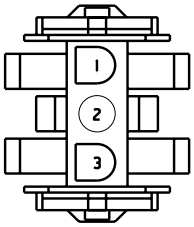
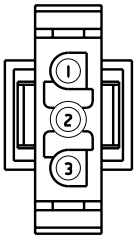
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

ENGINE COMPARTMENT LIGHT SWITCH

(J45)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	30	16	VIO	1661538C1	N/A
1	30	16	BLK	1661538C1	N/A
2	30	16	BLK	1661538C1	N/A
2	30	16	VIO	1661538C1	N/A
3	55	16	BRN	2030385C1	N/A
3	55	16	BRN	2030385C1	N/A

CONNECTOR 2206665C1

TERMINAL *2030385C1 - PIN1210
1661538C1 - PIN2014

* PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	BLK	1661539C1	N/A
2	-	-	BLK	1661539C1	N/A
3	-	-	BLK	1661539C1	N/A
3	-	-	BLK	1661539C1	N/A

CONNECTOR 2206660C1

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 13DEC07	PART NO. AE08-56318 SHEET 027

Figure 255 Connector Composites (J45)

13.28. CONNECTOR COMPOSITES (J45), P. 28

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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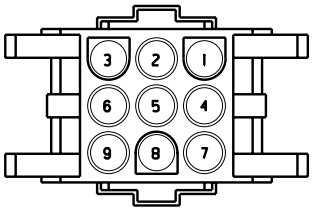
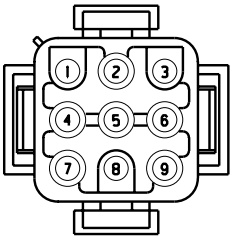
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

CHASSIS HARNESS TO DRIVERSIDE WIPER MOTOR

(J45)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	12	BRN	2030385C1	N/A
2	-	-	-	-	-
3	-	12	BLU	2030385C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	12	BLK	2030385C1	N/A
7	-	12	GRN	2030385C1	N/A
8	-	-	-	-	-
9	-	12	GRN	2030385C1	N/A

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	12	WHT	2030386C1	N/A
2	-	-	-	-	-
3	26	12	GRN	2030386C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	12	12	BLK	2030386C1	N/A
7	12	12	GRN	2030386C1	N/A
8	-	-	-	-	-
9	11	12	GRN	2030386C1	N/A

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 028

Figure 256 Connector Composites (J45)

13.29. CONNECTOR COMPOSITES (J46), P. 29

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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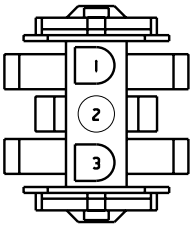
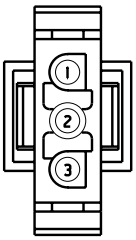
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

ENGINE COMPARTMENT LIGHT SWITCH

(J46)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	30	16	VIO	2030385C1	N/A
1	30	16	BLK	2030385C1	N/A
2	30	16	VIO	2030385C1	N/A
2	30	16	BLK	2030385C1	N/A
3	55	16	BRN	2030385C1	N/A
3	55	16	BRN	2030385C1	N/A

CONNECTOR 2206665C1

TERMINAL *2030385C1 - PIN1210
1661538C1 - PIN2014

* PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	BLK	2030386C1	N/A
1	-	-	BLK	2030386C1	N/A
2	-	-	BLK	2030386C1	N/A
2	-	-	BLK	2030386C1	N/A
3	-	-	BLK	2030386C1	N/A
3	-	-	BLK	2030386C1	N/A

CONNECTOR 2206660C1

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					300152	CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 13DEC07	PART NO. AE08-56318	SHEET 029

Figure 257 Connector Composites (J46)

13.30. CONNECTOR COMPOSITES (J46), P. 30

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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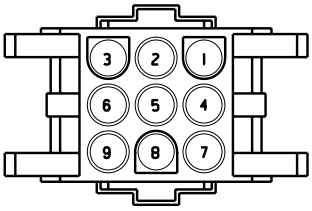
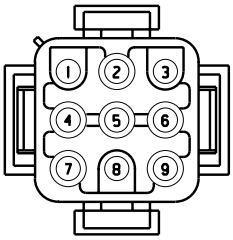
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

CHASSIS HARNESS TO STEPWELL WIPER MOTOR

(J46)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	12	BRN	2030385C1	N/A
2	-	-	-	-	-
3	-	12	BLU	2030385C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	12	BLK	2030385C1	N/A
7	-	12	V10	2030385C1	N/A
8	-	-	-	-	-
9	-	12	V10	2030385C1	N/A

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	12	WHT	1661539C1	N/A
2	-	-	-	-	-
3	29	12	V10	1661539C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	13	12	BLK	1661539C1	N/A
7	28	12	V10	1661539C1	N/A
8	-	-	-	-	-
9	27	12	V10	1661539C1	N/A

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 030

Figure 258 Connector Composites (J46)

13.31. CONNECTOR COMPOSITES (J48), P. 31

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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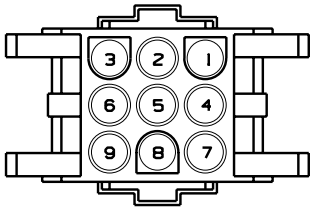
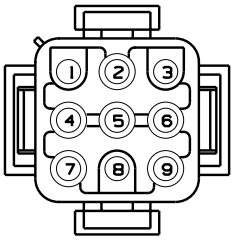
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

RH REMOTE MIRROR HARNESS

(J48)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	16	RED	1661538C1	N/A
2	-	16	ORN	1661538C1	N/A
3	-	16	YEL	1661538C1	N/A
4	-	16	BRN	1661538C1	N/A
5	-	16	BLU	1661538C1	N/A
6	-	16	GRN	1661538C1	N/A
7	-	16	BLK	1661538C1	N/A
8	-	16	WHT	1661538C1	N/A
9	-	-	-	-	-

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	16	RED	1661539C1	N/A
2	-	16	ORN	1661539C1	N/A
3	-	16	YEL	1661539C1	N/A
4	-	16	BRN	1661539C1	N/A
5	-	16	BLU	1661539C1	N/A
6	-	16	GRN	1661539C1	N/A
7	-	16	BLK	1661539C1	N/A
8	-	16	WHT	1661539C1	N/A
9	-	-	-	-	-

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 031

Figure 259 Connector Composites (J48)

13.32. CONNECTOR COMPOSITES (J49), P. 32

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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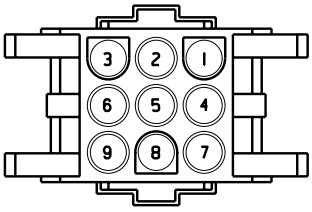
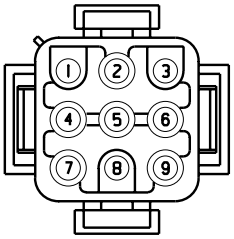
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

RH REMOTE MIRROR HARNESS

(J49)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	16	RED	1661538C1	N/A
2	-	16	ORN	1661538C1	N/A
3	-	16	YEL	1661538C1	N/A
4	-	16	BRN	1661538C1	N/A
5	-	16	BLU	1661538C1	N/A
6	-	16	GRN	1661538C1	N/A
7	-	16	BLK	1661538C1	N/A
8	-	16	WHT	1661538C1	N/A
9	-	-	-	-	-

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	16	RED	1661539C1	N/A
2	-	16	ORN	1661539C1	N/A
3	-	16	YEL	1661539C1	N/A
4	-	16	BRN	1661539C1	N/A
5	-	16	BLU	1661539C1	N/A
6	-	16	GRN	1661539C1	N/A
7	-	16	BLK	1661539C1	N/A
8	-	16	WHT	1661539C1	N/A
9	-	-	-	-	-

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 032

Figure 260 Connector Composites (J49)

13.33. CONNECTOR COMPOSITES (J50), P. 33

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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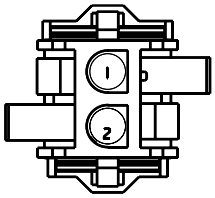
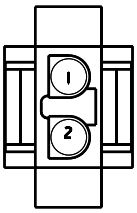
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

REAR CAP CLUSTER LIGHTS

(J50)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	2	16	YEL	1661538C1	N/A
	2	16	YEL	1661538C1	N/A
2	2	16	WHT	1661538C1	N/A
	2	16	WHT	1661538C1	N/A

CONNECTOR 1669030C1

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	YEL	2030386C1	N/A
2	-	-	WHT	2030386C1	N/A

CONNECTOR 1669029C1

TERMINAL •2030386C1 - SOC1210
1661539C1 - SOC2016

• SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 PART NO. AE08-56318 SHEET 033

Figure 261 Connector Composites (J50)

13.34. CONNECTOR COMPOSITES (BLANK PAGE), P. 34

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.	ELECTRICAL CIRCUIT DIAGRAM CHAPTER13 CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 15DEC07	PART NO. AE08-56318	SHEET 034

Figure 262 Connector Composites (Blank Page)

13.35. CONNECTOR COMPOSITES (J51), P. 35

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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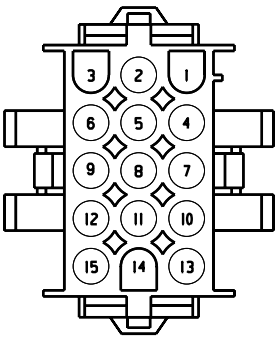
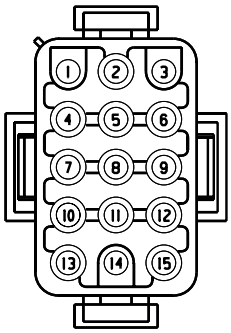
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

RH SWITCH PANEL HARNESS TO RH SWITCH PANEL

(J51)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	5	12	BLK	2030385C1	N/A
2	6	16	BLK	1661538C1	N/A
3	18	12	GRN	2030385C1	N/A
4	19	12	RED	2030385C1	N/A
5	31	16	VIO	1661538C1	N/A
6	32	16	RED	1661538C1	N/A
7	7	16	BLK	1661538C1	N/A
8	-	-	-	-	-
9	8	16	ORN	1661538C1	N/A
10	24	16	ORN	1661538C1	N/A
11	30	16	VIO	1661538C1	N/A
12	5	16	PNK	1661538C1	N/A
13	40	16	BLK	1661538C1	N/A
14	37	16	VIO	1661538C1	N/A
15	-	16	WHT	1661538C1	N/A

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	5	12	BLK	2030386C1	N/A
2	6	16	BLK	1661539C1	N/A
3	18	12	GRN	2030386C1	N/A
4	19	12	RED	2030386C1	N/A
5	31	16	VIO	1661539C1	N/A
6	32	16	RED	1661539C1	N/A
7	7	16	BLK	1661539C1	N/A
8	-	-	-	-	-
9	8	16	ORN	1661539C1	N/A
10	24	16	ORN	1661539C1	N/A
11	30	16	VIO	1661539C1	N/A
12	5	16	PNK	1661539C1	N/A
13	40	16	BLK	1661539C1	N/A
14	37	16	VIO	1661539C1	N/A
15	-	16	WHT	1661539C1	N/A

CONNECTOR 3586676C91

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CONNECTOR 3586675C91

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 / PART NO. AE08-56318 / SHEET 035

Figure 263 Connector Composites (J51)

13.36. CONNECTOR COMPOSITES (J52), P. 36

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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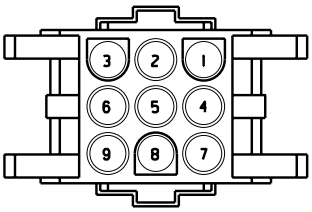
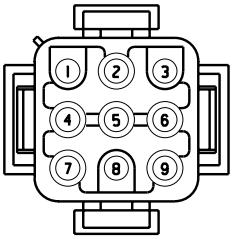
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY TO FRONT CAP HARNESS

(J52)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	1	16	WHT	1661538C1	N/A
2	A	16	WHT	1661538C1	N/A
3	59	16	GRA	1661538C1	N/A
	60	16	GRA	1661538C1	N/A
4	10	16	BLU	1661538C1	N/A
5	59	16	PNK	1661538C1	N/A
6	-	16	PNK	1661538C1	N/A
7	5	16	PNK	1661538C1	N/A
8	30	16	YEL	1661538C1	N/A
9	31	16	YEL	1661538C1	N/A

CONNECTOR 2206664C1

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	1	16	WHT	1661539C1	N/A
2	A	16	WHT	1661539C1	N/A
3	59	16	GRA	1661539C1	N/A
	60	16	GRA	1661539C1	N/A
4	10	16	BLU	1661539C1	N/A
5	59	16	PNK	1661539C1	N/A
6	-	16	PNK	1661539C1	N/A
7	5	16	PNK	1661539C1	N/A
8	30	16	YEL	1661539C1	N/A
9	31	16	YEL	1661539C1	N/A

CONNECTOR 2206659C1

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 13DEC07 · PART NO. AE08-56318 · SHEET 036

Figure 264 Connector Composites (J52)

13.37. CONNECTOR COMPOSITES (J52), P. 37

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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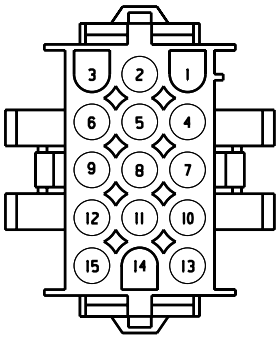
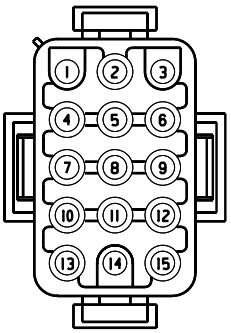
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

RH SWITCH PANEL HARNESS TO RH SWITCH PANEL

(J52)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	1	12	BLK	2030385C1	N/A
2	83	16	YEL	1661538C1	N/A
3	84	16	GRN	1661538C1	N/A
4	30	12	RED	2030385C1	N/A
4	30A	12	RED	2030385C1	N/A
5	39	12	RED	2030385C1	N/A
6	54	12	BRN	2030385C1	N/A
7	70	16	WHT	2030385C1	N/A
8	67	16	GRN	1661538C1	N/A
9	83	16	RED	1661538C1	N/A
10	52	16	YEL	1661538C1	N/A
11	-	16	BLU	1661538C1	N/A
12	63	16	PNK	1661538C1	N/A
13	67	16	GRN	1661538C1	N/A
14	37	16	VIO	1661538C1	N/A
15	-	16	WHT	1661538C1	N/A

CONNECTOR 3586676C91

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	1	12	BLK	2030386C1	N/A
2	83	16	YEL	1661539C1	N/A
3	84	16	GRN	1661539C1	N/A
4	30	12	RED	2030386C1	N/A
5	39	12	RED	2030386C1	N/A
6	54	12	BRN	2030386C1	N/A
7	70	16	WHT	1661539C1	N/A
7	75	16	WHT	1661539C1	N/A
8	67	16	GRN	1661539C1	N/A
9	83	16	RED	1661539C1	N/A
10	52	16	YEL	1661539C1	N/A
11	-	16	BLU	1661539C1	N/A
12	63	16	PNK	1661539C1	N/A
13	67	16	GRN	1661539C1	N/A
14	37	16	VIO	1661539C1	N/A
15	37	16	WHT	1661539C1	N/A

CONNECTOR 3586675C91

TERMINAL •2030386C1 - SOC1210
1661539C1 - SOC2016

• SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 15DEC07 · PART NO. AE08-56318 · SHEET 037

Figure 265 Connector Composites (J52)

13.38. CONNECTOR COMPOSITES (J53), P. 38

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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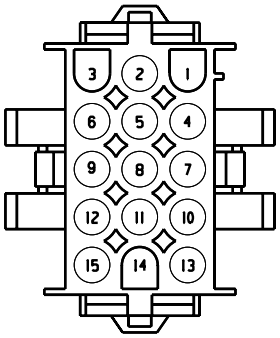
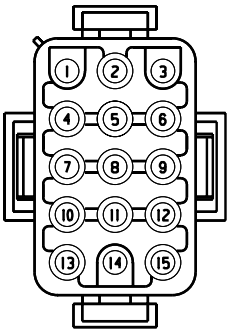
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO RH SWITCH PANEL HARNESS

(J53)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	5	12	BLK	2030385C1	N/A
2	6	16	BLK	1661538C1	N/A
3	18	12	GRN	2030385C1	N/A
4	19	12	RED	2030385C1	N/A
5	31	16	VIO	1661538C1	N/A
6	32	16	RED	1661538C1	N/A
7	7	12	BLK	2030385C1	N/A
8	8	16	BLK	2030385C1	N/A
8	8	12	BLK	2030385C1	N/A
9	8	16	ORN	1661538C1	N/A
10	24	16	ORN	1661538C1	N/A
11	30	16	VIO	1661538C1	N/A
12	5	16	PNK	1661538C1	N/A
13	40	16	BLK	1661538C1	N/A
14	37	16	VIO	1661538C1	N/A
15	-	16	WHT	1661538C1	N/A
14	37	16	VIO	1661538C1	N/A
15	-	16	WHT	1661538C1	N/A

CONNECTOR 3586676C91

TERMINAL *2030385C1 - PIN1210
1661538C1 - PIN2014

* PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	5	12	BLK	2030386C1	N/A
2	6	16	BLK	1661539C1	N/A
3	18	12	GRN	2030386C1	N/A
4	19	12	RED	2030386C1	N/A
5	31	16	VIO	1661539C1	N/A
6	32	16	RED	1661539C1	N/A
7	7	12	BLK	2030386C1	N/A
8	8	16	BLK	2030385C1	N/A
8	8	12	BLK	2030386C1	N/A
9	8	16	ORN	1661539C1	N/A
10	24	16	ORN	1661539C1	N/A
11	30	16	VIO	1661539C1	N/A
12	5	16	PNK	1661539C1	N/A
13	40	16	BLK	1661539C1	N/A
14	37	16	VIO	1661539C1	N/A
15	-	16	WHT	1661539C1	N/A
14	37	16	VIO	1661539C1	N/A
15	-	16	WHT	1661539C1	N/A

CONNECTOR 3586675C91

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 038

Figure 266 Connector Composites (J53)

13.39. CONNECTOR COMPOSITES (J54), P. 39

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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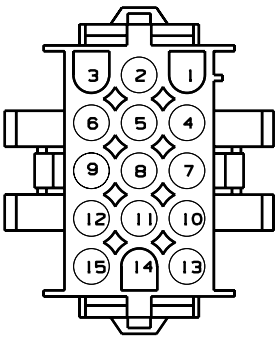
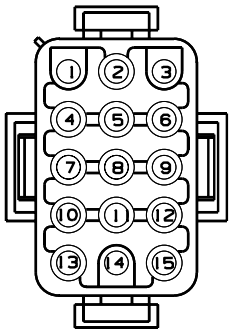
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO RH SWITCH PANEL HARNESS

(J54)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1&	1	12	BLK	2030385C1	N/A
1&	54	12	BRN	2030385C1	N/A
2	83	16	YEL	1661538C1	N/A
3	84	16	GRN	1661538C1	N/A
4	30	12	RED	2030385C1	N/A
5	39	12	RED	2030385C1	N/A
6	54	12	BRN	2030385C1	N/A
7	70	16	WHT	1661538C1	N/A
8	67	16	GRN	1661538C1	N/A
9	83	16	RED	1661538C1	N/A
10	52	16	YEL	1661538C1	N/A
11	-	16	BLU	1661538C1	N/A
12	63	16	PNK	1661538C1	N/A
13	63	16	RED	1661538C1	N/A
14	37	16	VIO	1661538C1	N/A
14	37A	16	VIO	1661538C1	N/A
15	-	16	WHT	1661538C1	N/A

CONNECTOR 3586676C91

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1&	1	12	BLK	2030386C1	N/A
1&	54	12	BRN	2030386C1	N/A
2	83	16	YEL	1661539C1	N/A
3	84	16	GRN	1661539C1	N/A
4	30	12	RED	2030386C1	N/A
	30A	12	RED	2030386C1	N/A
5	39	12	RED	2030386C1	N/A
6	54	12	BRN	2030386C1	N/A
7	-	-	-	-	-
8	67	16	GRN	1661539C1	N/A
9	83	16	RED	1661539C1	N/A
10	52	16	YEL	1661539C1	N/A
11	-	16	BLU	1661539C1	N/A
12	63	16	PNK	1661539C1	N/A
13	63	16	RED	1661539C1	N/A
14	37	16	VIO	1661539C1	N/A
14	37A	16	VIO	1661539C1	N/A
15	-	16	WHT	1661539C1	N/A

CONNECTOR 3586675C91

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

& MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318 SHEET 039

Figure 267 Connector Composites (J54)

13.40. CONNECTOR COMPOSITES (J55), P. 40

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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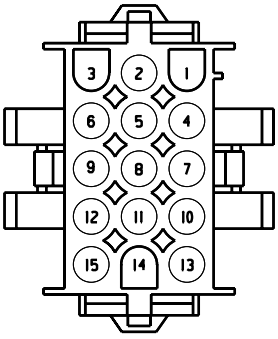
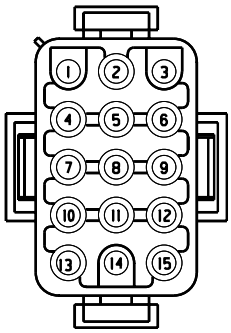
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO LH SWITCH PANEL

(J55)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1•	11	12	BLK	2030385C1	N/A
1•	15	16	BLK	1661538C1	N/A
2•	33	12	BLU	2030385C1	N/A
2•	33	16	BRN	1661538C1	N/A
3•	34	12	RED	2030385C1	N/A
3•	3	16	BLK	1661538C1	N/A
4•	37	12	BLU	2030385C1	N/A
4•	36	16	BRN	1661538C1	N/A
5•	38	12	RED	2030385C1	N/A
5•	3	16	BRN	1661538C1	N/A
6	-	-	-	-	-
7	70	16	WHT	1661538C1	N/A
8	-	-	-	-	-
9	22	16	BLK	1661538C1	N/A
10	-	-	-	-	-
11	36	16	BLK	1661538C1	N/A
12	-	-	-	-	-
13	-	-	-	-	-
14	37	16	VIO	1661538C1	N/A
15	36	16	WHT	1661538C1	N/A
15	-	16	WHT	1661538C1	N/A

CONNECTOR 3586676C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1•	11	12	BLK	2030386C1	N/A
1•	15	16	BLK	1661539C1	N/A
2•	33	12	BLU	2030386C1	N/A
2•	33	16	BRN	1661539C1	N/A
3•	34	12	RED	2030386C1	N/A
3•	3	16	BLK	1661539C1	N/A
4•	37	12	BLU	2030386C1	N/A
4•	36	16	BRN	1661539C1	N/A
5•	38	12	RED	2030386C1	N/A
5•	3	16	BRN	1661539C1	N/A
6	-	-	-	-	-
7	70	16	WHT	1661539C1	N/A
8	-	-	-	-	-
9	22	16	BLK	1661539C1	N/A
10	-	-	-	-	-
11	36	16	BLK	1661539C1	N/A
12	-	-	-	-	-
13	-	-	-	-	-
14	37	16	VIO	1661539C1	N/A
15	36	16	WHT	1661539C1	N/A
15	-	16	WHT	1661539C1	N/A

CONNECTOR 3586675C91

• MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 040

Figure 268 Connector Composites (J55)

13.41. CONNECTOR COMPOSITES (J56), P. 41

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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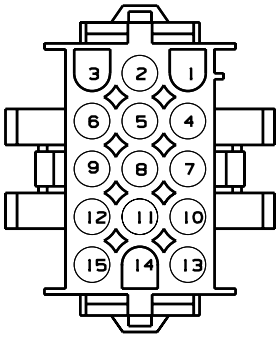
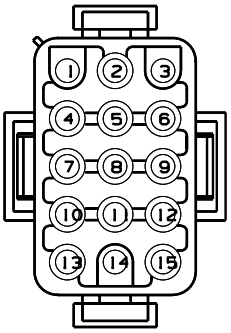
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO LH SWITCH PANEL

(J56)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	14	12	BLK	2030385C1	N/A
2	44	12	BLU	2030385C1	N/A
3•	10	12	BLK	2030385C1	N/A
3•	11	12	RED	2030385C1	N/A
4•	22	12	BLU	2030385C1	N/A
4•	33	12	RED	2030385C1	N/A
5•	23	12	RED	2030385C1	N/A
5•	34	12	BLK	2030385C1	N/A
6•	24	12	BLU	2030385C1	N/A
6•	83	16	WHT	1661538C1	N/A
7•	25	12	RED	2030385C1	N/A
7•	75	16	BLK	1661538C1	N/A
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	37	16	VIO	1661538C1	N/A
15	-	16	PNK	1661538C1	N/A
15	37	16	WHT	1661538C1	N/A

CONNECTOR 3586676C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	14	12	BLK	2030386C1	N/A
2	44	12	BLU	2030386C1	N/A
3•	10	12	BLK	2030386C1	N/A
3•	11	12	RED	2030386C1	N/A
4•	22	12	BLU	2030386C1	N/A
4•	33	12	RED	2030386C1	N/A
5•	23	12	RED	2030386C1	N/A
5•	34	12	BLK	2030386C1	N/A
6•	24	12	BLU	2030386C1	N/A
6•	83	16	WHT	1661539C1	N/A
7•	25	12	RED	2030386C1	N/A
7•	75	16	BLK	1661539C1	N/A
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	37	16	VIO	1661539C1	N/A
15	-	16	PNK	1661539C1	N/A
15	37	16	WHT	1661539C1	N/A

CONNECTOR 3586675C91

• MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 041

Figure 269 Connector Composites (J56)

13.42. CONNECTOR COMPOSITES (J56), P. 42

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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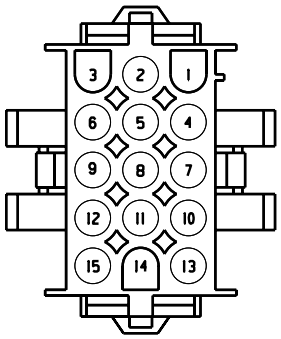
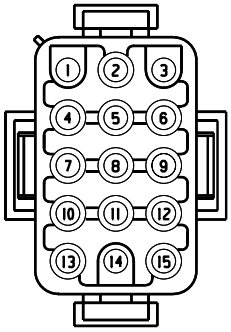
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO LH SWITCH PANEL - FAIRFAX 2002

(J56)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	16	16	BLK	1661538C1	N/A
	16A	16	BLK	1661538C1	N/A
2	64	16	BLU	1661538C1	N/A
	64	16	BLU	1661538C1	N/A
3	3	16	BLK	1661538C1	N/A
4	3	16	BRN	1661538C1	N/A
5	15	16	BLK	1661538C1	N/A
6&	33	16	BRN	1661538C1	N/A
6&	33	16	BRN	1661538C1	N/A
	83	16	BRN	1661538C1	N/A
7	36	16	BRN	1661538C1	N/A
	75	16	BRN	1661538C1	N/A
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	37	16	WHT	1661538C1	N/A
15	37	16	VIO	1661538C1	N/A

CONNECTOR 3586676C91

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	16	16	BLK	1661539C1	N/A
	16A	16	BLK	1661539C1	N/A
2	64	16	BLU	1661539C1	N/A
	64	16	BLU	1661539C1	N/A
3	3	16	BLK	1661539C1	N/A
4	3	16	BRN	1661539C1	N/A
5	15	16	BLK	1661539C1	N/A
6&	33	16	BRN	1661539C1	N/A
6&	33	16	BRN	1661539C1	N/A
	83	16	BRN	1661539C1	N/A
7	36	16	BRN	1661539C1	N/A
	75	16	BRN	1661539C1	N/A
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	37	16	WHT	1661539C1	N/A
15	37	16	VIO	1661539C1	N/A

CONNECTOR 3586675C91

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

& MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 PART NO. AE08-56318 SHEET 042

Figure 270 Connector Composites (J56)

13.43. CONNECTOR COMPOSITES (J57), P. 43

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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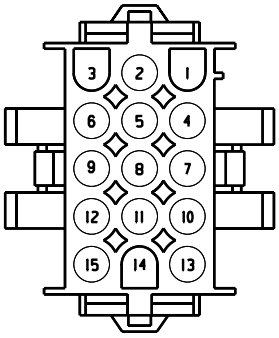
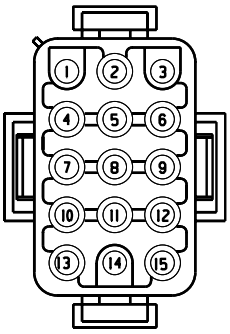
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO LH SWITCH PANEL

(J57)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1&	40	16	BLK	1661538C1	N/A
1&	5	12	BLK	2030385C1	N/A
1&	75	16	BLK	1661538C1	N/A
2&	40	16	BLK	1661538C1	N/A
2&	18	12	GRN	2030385C1	N/A
3&	63	16	BLK	2030385C1	N/A
3&	75	16	BLK	1661538C1	N/A
3&	19	12	RED	2030385C1	N/A
4&	6	16	BLK	1661538C1	N/A
4&	38	16	BRN	1661538C1	N/A
4&	63	16	BLU	1661538C1	N/A
4&	63A	16	BLU	1661538C1	N/A
5&	9	12	BLK	2030385C1	N/A
5&	31	16	VIO	1661538C1	N/A
5&	63C	16	BLU	1661538C1	N/A
6&	42	12	BLU	2030385C1	N/A
6&	32	16	RED	1661538C1	N/A
7	43	12	RED	2030385C1	N/A
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	75	16	GRA	1661538C1	N/A
12	75	16	YEL	1661538C1	N/A
13	-	-	-	-	-
14	37B	16	VIO	1661538C1	N/A
	37	16	VIO	1661538C1	N/A
15&	B	16	WHT	1661538C1	N/A
15&	-	16	WHT	1661538C1	N/A
15	37	16	WHT	1661538C1	N/A

CONNECTOR 3586676C91

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1&	40	16	BLK	2030386C1	N/A
1&	5	12	BLK	2030386C1	N/A
1&	75	16	BLK	2030386C1	N/A
2&	40	16	BLK	1661539C1	N/A
2&	18	12	GRN	2030386C1	N/A
3&	63	16	BLK	1661539C1	N/A
3&	75	16	BLK	1661539C1	N/A
3&	19	12	RED	2030386C1	N/A
4&	6	16	BLK	1661539C1	N/A
4&	38	16	BRN	1661539C1	N/A
4&	63	16	BLU	1661539C1	N/A
4&	63A	16	BLU	1661539C1	N/A
5&	9	12	BLK	2030386C1	N/A
5&	31	16	VIO	1661539C1	N/A
5&	63C	16	BLU	2030385C1	N/A
6&	42	12	BLU	2030386C1	N/A
6&	32	16	RED	1661539C1	N/A
7	43	12	RED	2030386C1	N/A
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	75	16	GRA	1661539C1	N/A
12	75	16	YEL	1661539C1	N/A
13	-	-	-	-	-
14&	37B	16	VIO	1661539C1	N/A
14	37	16	VIO	1661539C1	N/A
14&	37A	16	VIO	1661539C1	N/A
15&	B	16	WHT	1661539C1	N/A
15&	A	16	WHT	1661539C1	N/A
15&	-	16	WHT	1661539C1	N/A
15	37	16	WHT	1661539C1	N/A

CONNECTOR 3586675C91

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

& MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 043

Figure 271 Connector Composites (J57)

13.44. CONNECTOR COMPOSITES (J57), P. 44

INTERNATIONAL TRUCK AND ENGINE CORPORATION

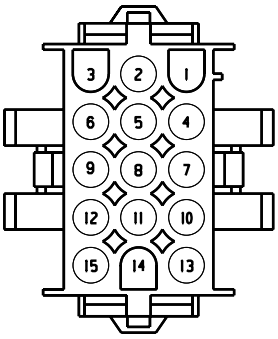
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.

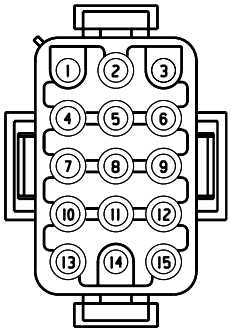
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO LH SWITCH PANEL - FAIRFAX 2002

(J57)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	11	12	BLK	2030385C1	N/A
2	33	12	BLU	2030385C1	N/A
3	34	12	RED	2030385C1	N/A
4	37	12	BLU	2030385C1	N/A
5	38	12	RED	2030385C1	N/A
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	36	16	BLK	1661538C1	N/A
12	-	-	-	-	-
13	-	-	-	-	-
14	37	16	V10	1661538C1	N/A
15	-	16	WHT	1661538C1	N/A

CONNECTOR 3586676C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	11	12	BLK	2030386C1	N/A
2	33	12	BLU	2030386C1	N/A
3	34	12	RED	2030386C1	N/A
4	37	12	BLU	2030386C1	N/A
5	38	12	RED	2030386C1	N/A
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	36	16	BLK	1661539C1	N/A
12	-	-	-	-	-
13	-	-	-	-	-
14	37	16	V10	1661539C1	N/A
15	-	16	WHT	1661539C1	N/A

CONNECTOR 3586675C91

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 044

Figure 272 Connector Composites (J57)

13.45. CONNECTOR COMPOSITES (J58), P. 45

INTERNATIONAL TRUCK AND ENGINE CORPORATION

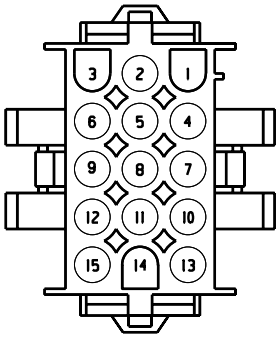
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.

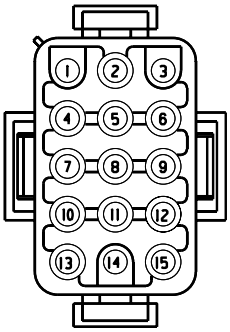
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO LH SWITCH PANEL

(J58)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	1	12	BLK	2030385C1	N/A
2	39	12	RED	2030385C1	N/A
3	30	12	RED	2030385C1	N/A
3	30	12	RED	2030385C1	N/A
4&	-	16	WHT	1661538C1	N/A
4&	54	12	BRN	2030385C1	N/A
	54	16	BRN	1661538C1	N/A
4&	54	16	BLK	1661538C1	N/A
4&	67	16	BLU	1661538C1	N/A
5&	24	16	ORN	1661538C1	N/A
5&	70	16	WHT	1661538C1	N/A
5&	70	12	WHT	2030385C1	N/A
6&	8	16	ORN	1661538C1	N/A
6&	75	12	BLK	2030385C1	N/A
6&	10	16	BLK	1661538C1	N/A
6&	1	12	WHT	2030385C1	N/A
6&	1C	16	BLK	1661538C1	N/A
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	37	16	V10	1661538C1	N/A
15	-	16	WHT	1661538C1	N/A

CONNECTOR 3586676C91

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	1	12	BLK	2030386C1	N/A
2	39	12	RED	2030386C1	N/A
2	39	12	RED	2030386C1	N/A
3	30	12	RED	2030386C1	N/A
4&	-	16	WHT	1661539C1	N/A
4&	54	12	BRN	2030386C1	N/A
	54	16	BRN	1661539C1	N/A
4&	54	16	BLK	1661539C1	N/A
4&	67	16	BLU	1661539C1	N/A
5&	24	16	ORN	1661539C1	N/A
5&	70	16	WHT	1661539C1	N/A
6&	8	16	ORN	1661539C1	N/A
6&	75	12	BLK	2030386C1	N/A
6&	10	16	BLK	1661539C1	N/A
6&	1	12	WHT	2030386C1	N/A
6&	1C	16	BLK	1661539C1	N/A
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	37	16	V10	1661539C1	N/A
	37A	16	V10	1661539C1	N/A
15	-	16	WHT	1661539C1	N/A
	A	16	WHT	1661539C1	N/A

CONNECTOR 3586675C91

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATION

& MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 / PART NO. AE08-56318 / SHEET 045

Figure 273 Connector Composites (J58)

13.46. CONNECTOR COMPOSITES (J58), P. 46

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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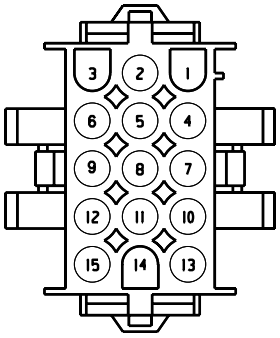
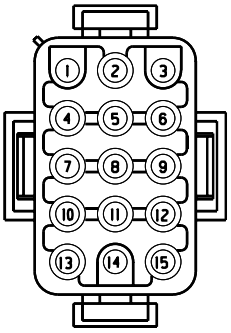
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO LH SWITCH PANEL - FAIRFAX 2002

(J58)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	40	16	BLK	1661538C1	N/A
2	-	16	BLU	1661538C1	N/A
3	4	16	BLK	1661538C1	N/A
4	-	16	BLK	1661538C1	N/A
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	37	16	V10	1661538C1	N/A
15	-	16	WHT	1661538C1	N/A

CONNECTOR 3586676C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	40	16	BLK	1661539C1	N/A
2	-	16	BLU	1661539C1	N/A
3	4	16	BLK	1661539C1	N/A
4	-	16	BLK	1661539C1	N/A
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	37	16	V10	1661539C1	N/A
15	-	16	WHT	1661539C1	N/A

CONNECTOR 3586675C91

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 046

Figure 274 Connector Composites (J58)

13.47. CONNECTOR COMPOSITES (J60), P. 47

INTERNATIONAL TRUCK AND ENGINE CORPORATION

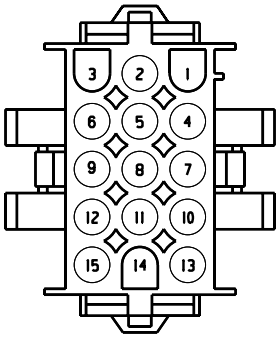
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.

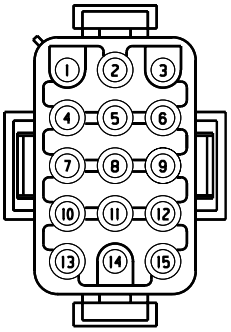
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY TO OVERHEAD SWITCH PANEL

(J60)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	50	16	BLK	1661538C1	N/A
2	3	16	BLK	1661538C1	N/A
3	15A	16	BLK	1661538C1	N/A
	15	16	BLK	1661538C1	N/A
4	14	16	BLK	1661538C1	N/A
5	18	16	BLK	1661538C1	N/A
6	2	16	BLK	1661538C1	N/A
7&	16	12	BLK	2030385C1	N/A
7&	16	16	BLK	1661538C1	N/A
8	24	16	BLK	1661538C1	N/A
9	35	16	BLK	1661538C1	N/A
10&	23	16	BLK	1661538C1	N/A
10&	16	16	BLK	1661538C1	N/A
10&	18	16	BLK	1661538C1	N/A
11	33	16	BLK	1661538C1	N/A
12	75	16	BLK	1661538C1	N/A
	20	16	BLK	1661538C1	N/A
13	20	16	BLK	1661538C1	N/A
	31	16	BLK	1661538C1	N/A
14	-	16	WHT	1661538C1	N/A
	-	16	WHT	1661538C1	N/A
15	37G	16	VIO	1661538C1	N/A
	37	16	VIO	1661538C1	N/A

CONNECTOR 3586676C91

TERMINAL •2030385C1 - PIN1210
1661538C1 - PIN2014

• PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	50	16	BLK	1661539C1	N/A
2	3	16	BLK	1661539C1	N/A
3	15A	16	BLK	1661539C1	N/A
	15	16	BLK	1661539C1	N/A
4	14	16	BLK	1661539C1	N/A
5	18	16	BLK	1661539C1	N/A
6	2	16	BLK	1661539C1	N/A
7	16	12	BLK	2030386C1	N/A
	16	16	BLK	1661539C1	N/A
8	24	16	BLK	1661539C1	N/A
9	35	16	BLK	1661539C1	N/A
10	23	16	BLK	1661539C1	N/A
	16	16	BLK	1661539C1	N/A
	18	16	BLK	1661539C1	N/A
11	33	16	BLK	1661539C1	N/A
12	75	16	BLK	1661539C1	N/A
	20	16	BLK	1661539C1	N/A
13	20	16	BLK	1661539C1	N/A
	31	16	BLK	1661539C1	N/A
14	-	16	WHT	1661539C1	N/A
	37	16	WHT	1661539C1	N/A
15	37G	16	VIO	1661539C1	N/A
	37	16	VIO	1661539C1	N/A

CONNECTOR 3586675C91

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

& MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 / PART NO. AE08-56318 / SHEET 047

Figure 275 Connector Composites (J60)

13.48. CONNECTOR COMPOSITES (J61), P. 48

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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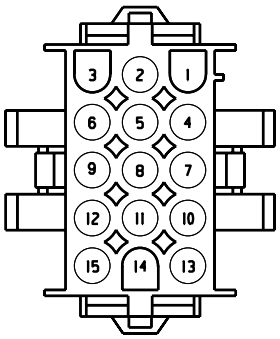
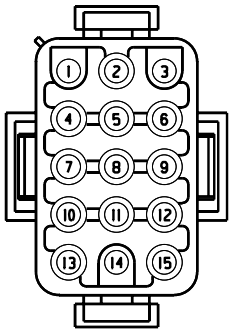
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY TO FLASHER PLATE

(J61)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	31	16	RED	1661538C1	N/A
2	32	16	GRN	1661538C1	N/A
3	18	12	GRN	2030385C1	N/A
4	19	12	RED	2030385C1	N/A
5	31	16	VIO	1661538C1	N/A
6	32	16	RED	1661538C1	N/A
7	67	16	GRN	1661538C1	N/A
8	50	16	BLU	1661538C1	N/A
9	38	16	BRN	1661538C1	N/A
10	3	16	BRN	1661538C1	N/A
11	33	16	BRN	1661538C1	N/A
12	36	16	BRN	1661538C1	N/A
13	20	16	BLK	1661538C1	N/A
14	83	16	BLK	1661538C1	N/A
15	19	16	BLK	1661538C1	N/A

CONNECTOR 3586676C91

TERMINAL *2030385C1 - PIN1210
1661538C1 - PIN2014

* PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	31	16	RED	1661539C1	N/A
2	32	16	RED	1661539C1	N/A
3	18	12	GRN	2030386C1	N/A
4	19	12	RED	2030386C1	N/A
5	31	16	VIO	1661539C1	N/A
6	32	16	RED	1661539C1	N/A
7	67	16	GRN	1661539C1	N/A
8	50	16	BLU	1661539C1	N/A
9	38	16	BRN	1661539C1	N/A
10	3	16	BRN	1661539C1	N/A
11	33	16	BRN	1661539C1	N/A
12	36	16	BRN	1661539C1	N/A
13	20	16	BLK	1661539C1	N/A
14	83B	16	BLK	1661539C1	N/A
	83	16	BLK	1661539C1	N/A
15	19	16	BLK	1661539C1	N/A

CONNECTOR 3586675C91

TERMINAL *2030386C1 - SOC1210
1661539C1 - SOC2016

* SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 048

Figure 276 Connector Composites (J61)

13.49. CONNECTOR COMPOSITES (J62), P. 49

INTERNATIONAL TRUCK AND ENGINE CORPORATION

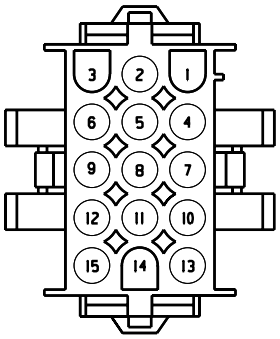
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.

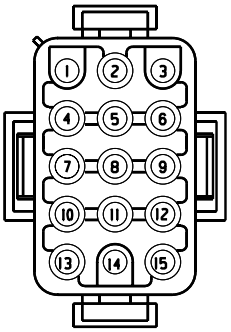
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY TO FLASHER PLATE

(J62)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	50	16	BLK	1661538C1	N/A
2	3	16	BLK	1661538C1	N/A
3	15	16	BLK	1661538C1	N/A
4	14	16	BLK	1661538C1	N/A
5	18	16	BLK	1661538C1	N/A
6	2	16	BLK	1661538C1	N/A
7	16	16	BLK	1661538C1	N/A
8	24	16	BLK	1661538C1	N/A
9	35	16	BLK	1661538C1	N/A
10	23	16	BLK	1661538C1	N/A
11	33	16	BLK	1661538C1	N/A
12	75	16	BLK	1661538C1	N/A
13	31	16	BLK	1661538C1	N/A
14	37	16	WHT	1661538C1	N/A
15	37	16	VIO	1661538C1	N/A

CONNECTOR 3586676C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	50	16	BLK	1661539C1	N/A
2	3	16	BLK	1661539C1	N/A
3	15	16	BLK	1661539C1	N/A
4	14	16	BLK	1661539C1	N/A
5	18	16	BLK	1661539C1	N/A
6	2	16	BLK	1661539C1	N/A
7	16	16	BLK	1661539C1	N/A
8	24	16	BLK	1661539C1	N/A
9	35	16	BLK	1661539C1	N/A
10	23	16	BLK	1661539C1	N/A
11	33	16	BLK	1661539C1	N/A
12	75	16	BLK	1661539C1	N/A
13	31	16	BLK	1661539C1	N/A
14	37	16	WHT	1661539C1	N/A
15	37	16	VIO	1661539C1	N/A

CONNECTOR 3586675C91

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318 SHEET 049

Figure 277 Connector Composites (J62)

13.50. CONNECTOR COMPOSITES (BLANK PAGE), P. 50

INTERNATIONAL TRUCK AND ENGINE CORPORATION	ELECTRICAL CIRCUIT DIAGRAM CHAPTER13
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 BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 050

Figure 278 Connector Composites (Blank Page)

13.51. CONNECTOR COMPOSITES (J66), P. 51

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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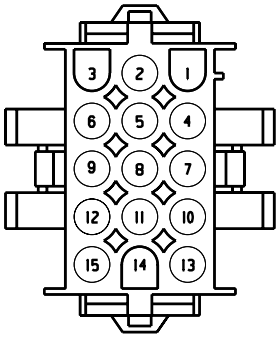
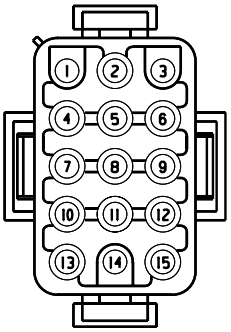
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

STOP ARM - ELECTRIC (W/CANCEL SWITCH)

LH BODY TO OVERHEAD SWITCH PANEL

(J66)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	50	16	BLU	1661538C1	N/A
2	3	16	BRN	1661538C1	N/A
3	38	16	BRN	1661538C1	N/A
	33	16	BRN	1661538C1	N/A
4	36	16	BRN	1661538C1	N/A
5	53	16	BRN	1661538C1	N/A
6&	2	16	YEL	1661538C1	N/A
	51	16	YEL	1661538C1	N/A
6&	38	16	BRN	1661538C1	N/A
	2A	16	YEL	1661538C1	N/A
7	64	16	BLU	1661538C1	N/A
8	30	16	BRN	1661538C1	N/A
9	35	16	BRN	1661538C1	N/A
10	22	16	BLU	1661538C1	N/A
11	22	16	RED	1661538C1	N/A
12	23	16	BLU	1661538C1	N/A
13	23	16	RED	1661538C1	N/A
14	10	16	BLU	1661538C1	N/A
	10A	16	BLU	1661538C1	N/A
15&	59	16	GRA	1661538C1	N/A
	60	16	GRA	1661538C1	N/A
15&	59	16	GRA	1661538C1	N/A
	59A	16	GRA	1661538C1	N/A

CONNECTOR 3586676C91

TERMINAL *2030385C1 - PIN1210
1661538C1 - PIN2014

* PIN 1210 - USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	50	16	BLU	1661539C1	N/A
2	3	16	BRN	1661539C1	N/A
3	38	16	BRN	1661539C1	N/A
	33	16	BRN	1661539C1	N/A
4	36	16	BRN	1661539C1	N/A
5	53	16	BRN	1661539C1	N/A
6&	2	16	YEL	1661539C1	N/A
	51	16	YEL	1661539C1	N/A
6&	38	16	BRN	1661539C1	N/A
	2A	16	YEL	1661539C1	N/A
7	64	16	BLU	1661539C1	N/A
8	30	16	BRN	1661539C1	N/A
9	35	16	BRN	1661539C1	N/A
10	22	16	BLU	1661539C1	N/A
11	22	16	RED	1661539C1	N/A
12	23	16	BLU	1661539C1	N/A
13	23	16	RED	1661539C1	N/A
14	10	16	BLU	1661539C1	N/A
	10A	16	BLU	1661539C1	N/A
15	59	16	GRA	1661539C1	N/A

CONNECTOR 3586675C91

TERMINAL #2030386C1 - SOC1210
1661539C1 - SOC2016

SOC1210 USED FOR 12GA WIRE AND DOUBLE TERMINATIONS

& MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 15DEC07	PART NO. AE08-56318 SHEET 051

Figure 279 Connector Composites (J66)

13.52. CONNECTOR COMPOSITES (J67), P. 52

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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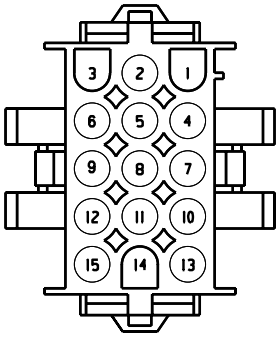
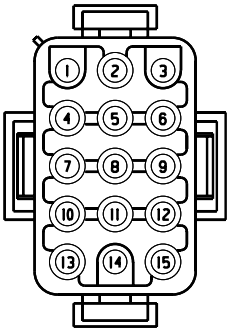
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY TO OVERHEAD SWITCH PANEL

(J67)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	31	16	BLK	1661538C1	N/A
2	75	16	RED	1661538C1	N/A
3	4	16	BLK	1661538C1	N/A
4	-	16	BLK	1661538C1	N/A
5	41	16	BLK	1661538C1	N/A
6	63	16	PNK	1661538C1	N/A
7	75	16	YEL	1661538C1	N/A
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	63	16	BLU	1661538C1	N/A
12	63A	16	BLU	1661538C1	N/A
13	-	-	-	-	-
14	55	16	BLK	1661538C1	N/A
15	55	16	VIO	1661538C1	N/A

CONNECTOR 3586676C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	31	16	BLK	1661539C1	N/A
2	75	16	RED	1661539C1	N/A
3	4	16	BLK	1661539C1	N/A
4	-	16	BLK	1661539C1	N/A
5	41	16	BLK	1661539C1	N/A
6	63	16	PNK	1661539C1	N/A
7	75	16	YEL	1661539C1	N/A
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	63	16	BLU	1661539C1	N/A
12	63A	16	BLU	1661539C1	N/A
13	-	-	-	-	-
14	55	16	BLK	1661539C1	N/A
15	55	16	VIO	1661539C1	N/A

CONNECTOR 3586675C91

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 PART NO. AE08-56318 SHEET 052

Figure 280 Connector Composites (J67)

13.53. CONNECTOR COMPOSITES (J68), P. 53

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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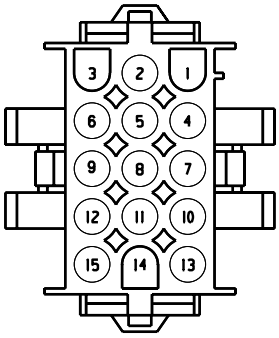
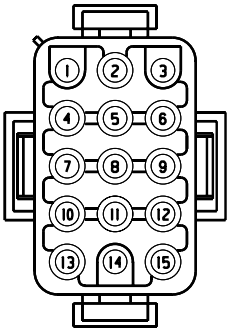
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY TO FLASHER PLATE

(J68)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	BRN	1661538C1	N/A
2	83	12	RED	2030385C1	N/A
3	84	16	GRN	1661538C1	N/A
4	83	16	YEL	1661538C1	N/A
5	83	16	BLU	1661538C1	N/A
6	40	16	BLK	1661538C1	N/A
	40A	16	BLK	1661538C1	N/A
7	30	16	BLK	1661538C1	N/A
8	30	16	VIO	1661538C1	N/A
9	44	12	BLU	2030385C1	N/A
10	59	16	GRA	1661538C1	N/A
11	58	16	PNK	1661538C1	N/A
12	55	16	VIO	1661538C1	N/A
	55	16	VIO	1661538C1	N/A
13	51	15	YEL	1661538C1	N/A
	2	16	YEL	1661538C1	N/A
14	64	16	BLU	1661538C1	N/A
15	-	-	-	-	-

CONNECTOR 3586676C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	BRN	1661539C1	N/A
2	83	12	RED	2030386C1	N/A
3	84	16	GRN	1661539C1	N/A
4	83	16	YEL	1661539C1	N/A
5	83	16	BLU	1661539C1	N/A
6	40	16	BLK	1661539C1	N/A
7	30	16	BLK	1661539C1	N/A
8	30	16	VIO	1661539C1	N/A
9	44	12	BLU	2030386C1	N/A
10	59	16	GRA	1661539C1	N/A
11	58	16	PNK	1661539C1	N/A
12	55	16	VIO	1661539C1	N/A
	55	16	VIO	1661539C1	N/A
13	51	15	YEL	1661539C1	N/A
	2	16	YEL	1661539C1	N/A
14	64	16	BLU	1661539C1	N/A
15	-	-	-	-	-

CONNECTOR 3586675C91

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 053

Figure 281 Connector Composites (J68)

13.54. CONNECTOR COMPOSITES (J70), P. 54

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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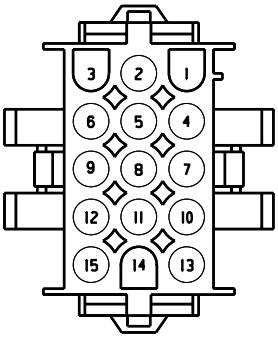
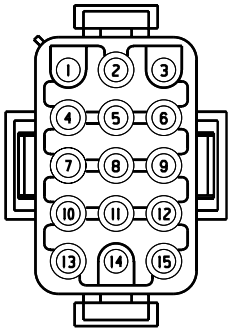
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO LH AND / OR RH SWITCH PANEL HARNESS

(J70)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	20	16	BLK	1661538C1	N/A
2&	83	16	BLK	1661538C1	N/A
	83A	16	BLK	1661538C1	N/A
2&	75	16	BLK	1661538C1	N/A
2&	6	16	BLU	1661538C1	N/A
3&	75	16	GRN	1661538C1	N/A
3&	5	16	BLU	1661538C1	N/A
4	70	16	WHT	1661538C1	N/A
5	75	16	RED	1661538C1	N/A
6&	38	16	BRN	1661538C1	N/A
6&	38	16	BRN	1661538C1	N/A
	38A	16	BRN	1661538C1	N/A
7&	2	16	YEL	1661538C1	N/A
	38	16	YEL	1661538C1	N/A
7&	2	16	YEL	1661538C1	N/A
	2A	16	YEL	1661538C1	N/A
8&	6	16	RED	1661538C1	N/A
8&	83B	16	BLK	1661538C1	N/A
9&	21	16	BLK	1661538C1	N/A
9&	76	16	BLK	1661538C1	N/A
9&	5	16	RED	1661538C1	N/A
9&	38	16	BLK	1661538C1	N/A
10&	75	16	RED	1661538C1	N/A
10&	4	16	WHT	1661538C1	N/A
11	42	12	BLK	1661538C1	N/A
12	42	16	GRA	1661538C1	N/A
13&	50	16	WHT	1661538C1	N/A
13&	32	16	BLK	1661538C1	N/A
13&	83B	16	BLK	1661538C1	N/A
14	37A	16	VIO	1661538C1	N/A
	37	16	VIO	1661538C1	N/A
15	-	16	WHT	1661538C1	N/A

CONNECTOR 3586676C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	20	16	BLK	1661539C1	N/A
	38	16	BRN	1661539C1	N/A
2&	83	16	BLK	1661539C1	N/A
	83A	16	BLK	1661539C1	N/A
2&	75	16	BLK	1661539C1	N/A
2&	6	16	BLU	1661539C1	N/A
3	75	16	GRN	1661539C1	N/A
	5	16	BLU	1661539C1	N/A
	1	16	BLK	1661539C1	N/A
4	70	16	WHT	1661539C1	N/A
	70A	16	WHT	1661539C1	N/A
5	75	16	RED	1661539C1	N/A
6	38	16	BRN	1661539C1	N/A
	38A	16	BRN	1661539C1	N/A
7&	2	16	YEL	1661539C1	N/A
7&	2	16	YEL	1661539C1	N/A
	2A	16	YEL	1661539C1	N/A
8	6	16	RED	1661539C1	N/A
	83B	16	RED	1661539C1	N/A
	83B	16	BLK	1661539C1	N/A
	83C	16	BLK	1661539C1	N/A
9	21	16	BLK	1661539C1	N/A
	76	16	BLK	1661539C1	N/A
	5	16	RED	1661539C1	N/A
	38	16	BLK	1661539C1	N/A
10	75	16	RED	1661539C1	N/A
	4	16	WHT	1661539C1	N/A
	83C	16	BLK	1661539C1	N/A
11	42	16	BLK	1661539C1	N/A
	70A	16	WHT	1661539C1	N/A
12	42	16	GRA	1661539C1	N/A
	-	16	WHT	1661539C1	N/A
13&	50	16	WHT	1661539C1	N/A
13&	83B	16	BLK	1661539C1	N/A
13&	32	16	BLK	1661539C1	N/A
14	37A	16	VIO	1661539C1	N/A
	37	16	VIO	1661539C1	N/A
15	-	16	WHT	1661539C1	N/A

CONNECTOR 3586675C91
& MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 15DEC07 · PART NO. AE08-56318 · SHEET 054

Figure 282 Connector Composites (J70)

13.55. CONNECTOR COMPOSITES (J71), (J72), P. 55

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY TO FRONT CAP

(J71)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	20	16	BLK	2030385C1	N/A
2	83	16	BLK	1661538C1	N/A
3	19	16	BLK	1661538C1	N/A

CONNECTOR 2206665C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	20	16	BLK	2030386C1	N/A
2	83	16	BLK	1661539C1	N/A
3	19	16	BLK	1661539C1	N/A

CONNECTOR 2206660C1

FRONT CAP TO ENTRANCE DOOR

(J72)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	20	16	BLK	1661538C1	N/A
2	83	16	BLK	1661538C1	N/A
3	19	16	BLK	1661538C1	N/A

CONNECTOR 2206665C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	20	16	BLK	1661539C1	N/A
2	83	16	BLK	1661539C1	N/A
3	19	16	BLK	1661539C1	N/A

CONNECTOR 220660C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 / PART NO. AE08-56318 / SHEET 055

Figure 283 Connector Composites (J71), (J72)

13.56. CONNECTOR COMPOSITES (J73), P. 56

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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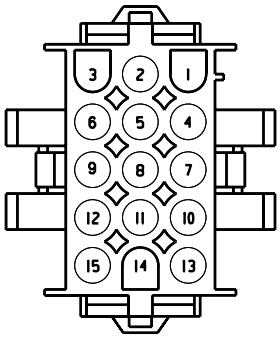
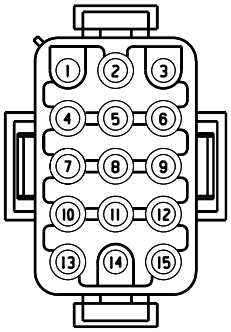
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY TO FLASHER PLATE

(J73)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	A	16	WHT	1661538C1	N/A
2	5	16	PNK	1661538C1	N/A
	5A	16	PNK	1661538C1	N/A
3	14	16	PNK	1661538C1	N/A
4	57	16	PNK	1661538C1	N/A
5	17	16	BLK	1661538C1	N/A
6	42	16	BLK	1661538C1	N/A
7	50	16	PNK	2030385C1	N/A
8	50	16	YEL	1661538C1	N/A
9	41	16	BLK	1661538C1	N/A
10	-	-	-	-	-
11	59	16	PNK	1661538C1	N/A
12	-	16	PNK	1661538C1	N/A
13	75	16	PNK	1661538C1	N/A
14	-	-	-	-	-
15	76	16	PNK	1661538C1	N/A

CONNECTOR 3586676C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	A	16	WHT	1661539C1	N/A
2	5	16	PNK	1661539C1	N/A
	5A	16	PNK	1661539C1	N/A
3	14	16	PNK	1661539C1	N/A
4	57	16	PNK	1661539C1	N/A
5	17	16	BLK	1661539C1	N/A
6	42	16	BLK	1661539C1	N/A
7	50	16	PNK	2030386C1	N/A
8	50	16	YEL	1661539C1	N/A
9	41	16	BLK	1661539C1	N/A
10	-	-	-	-	-
11	59	16	PNK	1661539C1	N/A
12	-	16	PNK	1661539C1	N/A
13	75	16	PNK	1661539C1	N/A
14	-	-	-	-	-
15	76	16	PNK	1661539C1	N/A

CONNECTOR 3586675C91

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 056

Figure 284 Connector Composites (J73)

13.57. CONNECTOR COMPOSITES (J74), P. 57

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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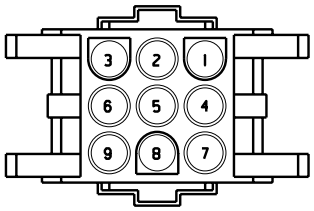
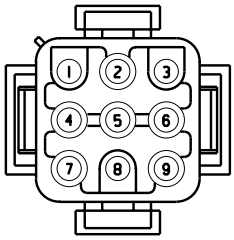
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

DUAL CONTROL INTERMITTENT WIPER HARNESS

(J74)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	12	YEL	2030385C1	N/A
2	-	12	WHT	2030385C1	N/A
3	-	12	BLU	2030385C1	N/A
4	-	12	RED	2030385C1	N/A
5	-	12	YEL	2030385C1	N/A
6	-	12	WHT	2030385C1	N/A
7	-	12	BLU	2030385C1	N/A
8	-	12	BRN	2030385C1	N/A
9	-	12	BLK	2030385C1	N/A

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	13	16	BLK	1661539C1	N/A
5	27	12	V10	2030386C1	N/A
6	28	12	V10	2030386C1	N/A
7	29	12	V10	2030386C1	N/A
8	46	16	V10	1661539C1	N/A
9	-	16	WHT	1661539C1	N/A

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318 SHEET 057

Figure 285 Connector Composites (J74)

13.58. CONNECTOR COMPOSITES (J75), P. 58

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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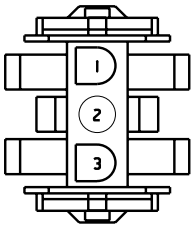
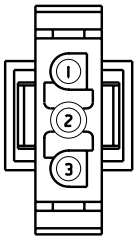
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE

(J75)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	18	12	GRN	2030385C1	N/A
2	19	12	RED	2030385C1	N/A
3	75	12	WHT	2030385C1	N/A

CONNECTOR 2206665C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	18	12	GRN	2030386C1	N/A
2	19	12	RED	2030386C1	N/A
3	75	12	WHT	2030386C1	N/A

CONNECTOR 2206660C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 / PART NO. AE08-56318 / SHEET 058

Figure 286 Connector Composites (J75)

13.59. CONNECTOR COMPOSITES (J75), P. 59

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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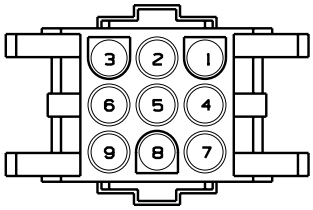
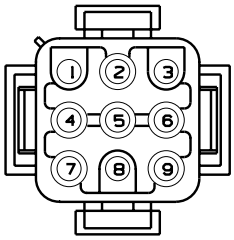
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH MIRROR CONTROL SWITCH REMOTE MIRROR HARNESS

(J75)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	16	RED	1661538C1	N/A
2	-	16	ORN	1661538C1	N/A
3	-	16	YEL	1661538C1	N/A
4	-	16	BRN	1661538C1	N/A
5	-	16	BLU	1661538C1	N/A
6	-	16	GRN	1661538C1	N/A
7	-	16	BLK	1661538C1	N/A
8	-	16	WHT	1661538C1	N/A
9	-	-	-	-	-

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	16	RED	1661539C1	N/A
2	-	16	ORN	1661539C1	N/A
3	-	16	YEL	1661539C1	N/A
4	-	16	BRN	1661539C1	N/A
5	-	16	BLU	1661539C1	N/A
6	-	16	GRN	1661539C1	N/A
7	-	16	BLK	1661539C1	N/A
8	-	16	WHT	1661539C1	N/A
9	-	-	-	-	-

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 / PART NO. AE08-56318 / SHEET 059

Figure 287 Connector Composites (J75)

13.60. CONNECTOR COMPOSITES (BLANK PAGE), P. 60

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 CHAPTER13 CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 060

Figure 288 Connector Composites (Blank Page)

13.61. CONNECTOR COMPOSITES (BLANK PAGE), P. 61

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

INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318 SHEET 061

Figure 289 Connector Composites (Blank Page)

13.62. CONNECTOR COMPOSITES (J87), P. 62

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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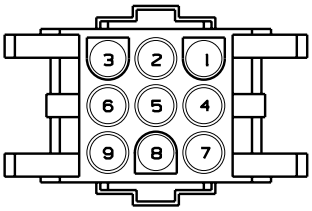
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

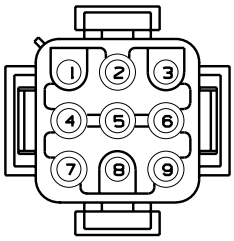
CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

ALARM INSTL POST TRIP INSP

BUS SCAN QUICK DISCONNECT

(J87)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	75	16	WHT	1661538C1	N/A
2	75	16	BRN	1661538C1	N/A
3	75	16	BLK	1661538C1	N/A
4	75	16	ORN	1661538C1	N/A
5	75	16	GRA	1661538C1	N/A
6	75	16	WHT	1661538C1	N/A
7	75	16	BLK	1661538C1	N/A
8	75	16	VIO	1661538C1	N/A
9	-	-	-	-	-

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	75	16	WHT	1661539C1	N/A
2	75	16	BRN	1661539C1	N/A
3	75	16	BLK	1661539C1	N/A
4	75	16	ORN	1661539C1	N/A
5	75	16	GRA	1661539C1	N/A
6	75	16	WHT	1661539C1	N/A
7	75	16	BLK	1661539C1	N/A
8	75	16	VIO	1661539C1	N/A
9	-	-	-	-	-

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 062

Figure 290 Connector Composites (J87)

13.63. CONNECTOR COMPOSITES (BLANK PAGE), P. 63

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 CHAPTER13 CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 063

Figure 291 Connector Composites (Blank Page)

13.64. CONNECTOR COMPOSITES (BLANK PAGE), P. 64

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318 SHEET 064

Figure 292 Connector Composites (Blank Page)

13.65. CONNECTOR COMPOSITES (BLANK PAGE), P. 65

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 CHAPTER13 CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 065

Figure 293 Connector Composites (Blank Page)

13.66. CONNECTOR COMPOSITES (J109), P. 66

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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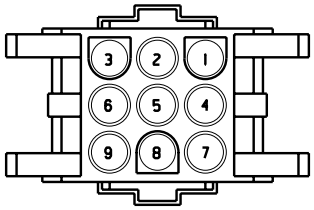
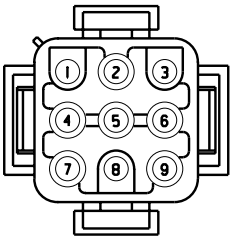
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FRONT CAP TO ELECTRIC DOOR ACTUATOR

(J109)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	5	16	BLU	1661538C1	N/A
2	5	16	RED	1661539C1	N/A
3	6	16	BLU	1661539C1	N/A
4	6	16	RED	1661539C1	N/A
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	5	16	BLU	1661539C1	N/A
2	5	16	RED	1661539C1	N/A
3	6	16	BLU	1661539C1	N/A
4	6	16	RED	1661539C1	N/A
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 066

Figure 294 Connector Composites (J109)

13.67. CONNECTOR COMPOSITES (J110), P. 67

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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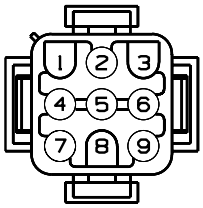
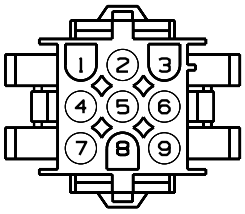
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY HARNESS TO FRONT CAP

(J110)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	5	16	BLU	1661539C1	N/A
2	5	16	RED	1661539C1	N/A
3	6	16	RED	1661539C1	N/A
4	6	16	RED	1661539C1	N/A
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206659C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	5	16	BLU	1661538C1	N/A
2	5	16	RED	1661538C1	N/A
3	6	16	RED	1661538C1	N/A
4	6	16	RED	1661538C1	N/A
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206664C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					300152	CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 067

Figure 295 Connector Composites (J110)

13.68. CONNECTOR COMPOSITES (J111), P. 68

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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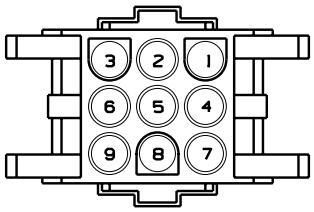
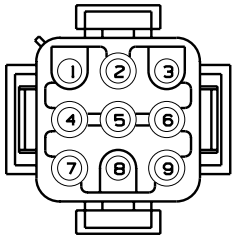
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO LH BODY HARNESS

(J111)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	5	16	BLU	1661538C1	N/A
2	5	16	RED	1661538C1	N/A
3	6	16	BLU	1661538C1	N/A
	6	16	BLU	1661538C1	N/A
4	6	16	RED	1661538C1	N/A
	6	16	RED	1661538C1	N/A
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	5	16	BLU	1661539C1	N/A
2	5	16	RED	1661539C1	N/A
3	6	16	BLU	1661539C1	N/A
	6	16	RED	1661539C1	N/A
4	6	16	RED	1661539C1	N/A
	6	16	RED	1661539C1	N/A
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 068

Figure 296 Connector Composites (J111)

13.69. CONNECTOR COMPOSITES (J112), P. 69

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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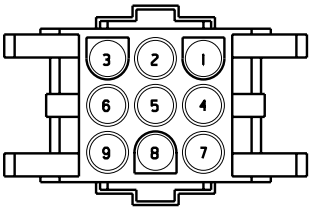
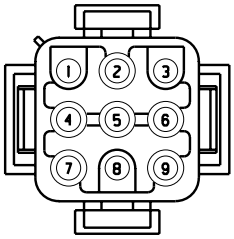
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FLASHER PLATE TO CHASSIS HARNESS

(J112)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	4	16	BLK	1661538C1	N/A
2	59	16	WHT	1661538C1	N/A
3	6	16	BLU	1661538C1	N/A
4	6	16	RED	1661538C1	N/A
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	4	16	BLK	1661539C1	N/A
2	59	16	WHT	1661539C1	N/A
3	6	16	BLU	1661539C1	N/A
4	6	16	RED	1661539C1	N/A
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 / PART NO. AE08-56318 / SHEET 069

Figure 297 Connector Composites (J112)

13.70. CONNECTOR COMPOSITES (BLANK PAGE), P. 70

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 070

Figure 298 Connector Composites (Blank Page)

13.71. CONNECTOR COMPOSITES (BLANK PAGE), P. 71

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

INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318 SHEET 071

Figure 299 Connector Composites (Blank Page)

13.72. CONNECTOR COMPOSITES (BLANK PAGE), P. 72

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 CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318 SHEET 072

Figure 300 Connector Composites (Blank Page)

13.73. CONNECTOR COMPOSITES (BLANK PAGE), P. 73

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 CHAPTER13 CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318 SHEET 073

Figure 301 Connector Composites (Blank Page)

13.74. CONNECTOR COMPOSITES (J530), P. 74

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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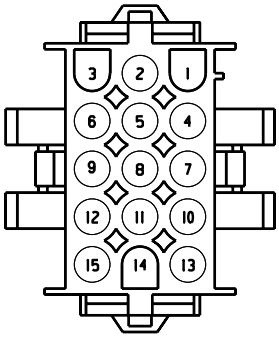
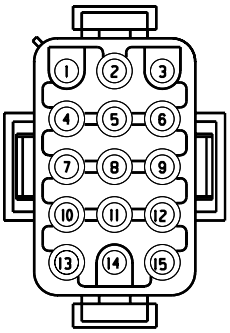
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH BODY TO REAR CAP

(J530)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	KEY PLUG				
2	2	16	WHT	1661538C1	N/A
3	3	16	WHT	1661538C1	N/A
4	33	16	WHT	1661538C1	N/A
5	83	16	WHT	1661538C1	N/A
6	84	16	WHT	1661538C1	N/A
7	84	16	GRN	1661538C1	N/A
8	RESERVED				
9	RESERVED				
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	55	16	BLK	1661538C1	N/A
15	34	16	WHT	1661538C1	N/A

CONNECTOR 3566676C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	KEY PLUG				
2	2	16	WHT	1661539C1	N/A
3	3	16	WHT	1661539C1	N/A
4	33	16	WHT	1661539C1	N/A
5	83	16	WHT	1661539C1	N/A
	-	16	WHT	1661539C1	N/A
6	84	16	WHT	1661539C1	N/A
	-	16	WHT	1661539C1	N/A
7	84	16	GRN	1661539C1	N/A
8	RESERVED				
9	RESERVED				
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	55	16	BLK	1661539C1	N/A
15	34	16	WHT	1661539C1	N/A

CONNECTOR 3586675C91

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 074

Figure 302 Connector Composites (J530)

13.75. CONNECTOR COMPOSITES (J540), P. 75

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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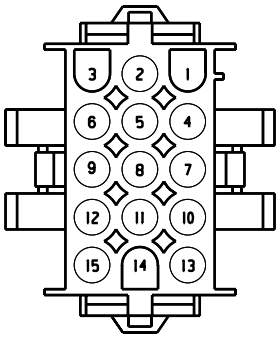
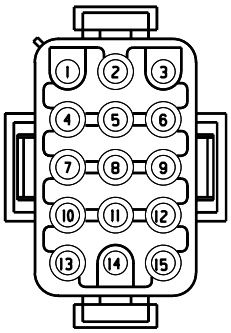
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

REAR CAP TO RH BODY

(J540)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	2	16	WHT	1661538C1	N/A
3	3	16	WHT	1661538C1	N/A
4	33	16	WHT	1661538C1	N/A
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	55	16	BLK	1661538C1	N/A
15	34	16	WHT	1661538C1	N/A

CONNECTOR 3566676C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	2	16	WHT	1661539C1	N/A
3	3	16	WHT	1661539C1	N/A
4	33	16	WHT	1661539C1	N/A
5	-	-	-	-	-
6	84	16	WHT	1661539C1	N/A
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	55	16	BLK	1661539C1	N/A
15	34	16	WHT	1661539C1	N/A

CONNECTOR 3586675C91

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318 SHEET 075

Figure 303 Connector Composites (J540)

13.76. CONNECTOR COMPOSITES (JA), P. 76

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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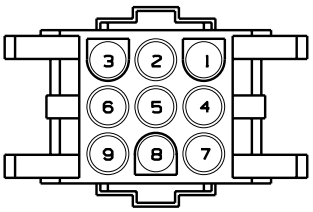
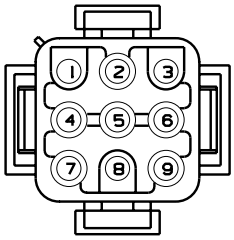
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FRONT CAP HARNESS TO LIGHT MONITOR

(JA)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	9	12	PNK	2030385C1	N/A
2	25	12	PNK	2030385C1	N/A
3	25A	12	PNK	2030385C1	N/A
4	9	12	PNK	2030385C1	N/A
5	25	12	ORN	2030385C1	N/A
6	9	12	ORN	2030385C1	N/A
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	9	12	PNK	2030386C1	N/A
2	25	12	PNK	2030386C1	N/A
3	25A	12	PNK	2030386C1	N/A
4	9	12	PNK	2030386C1	N/A
5	25	12	ORN	2030386C1	N/A
6	9	12	ORN	2030386C1	N/A
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 076

Figure 304 Connector Composites (JA)

13.77. CONNECTOR COMPOSITES (JB), P. 77

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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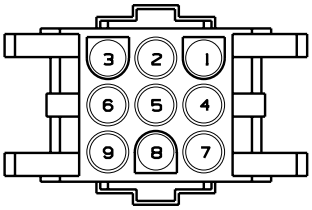
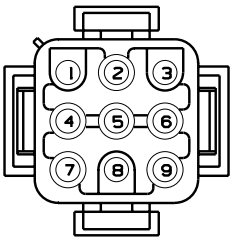
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FRONT CAP HARNESS TO LIGHT MONITOR

(JB)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	8A	12	PNK	2030385C1	N/A
2	24	12	PNK	2030385C1	N/A
3	24A	12	PNK	2030385C1	N/A
4	8	12	PNK	2030385C1	N/A
5	24	12	ORN	2030385C1	N/A
6	8	12	ORN	2030385C1	N/A
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	8A	12	PNK	2030386C1	N/A
2	24	12	PNK	2030386C1	N/A
3	24A	12	PNK	2030386C1	N/A
4	8	12	PNK	2030386C1	N/A
5	24	12	ORN	2030386C1	N/A
6	8	12	ORN	2030386C1	N/A
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318 SHEET 077

Figure 305 Connector Composites (JB)

13.78. CONNECTOR COMPOSITES (JC), P. 78

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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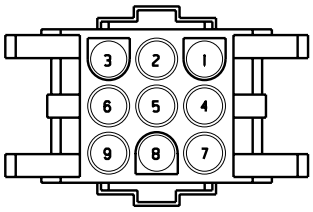
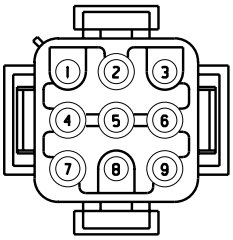
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FRONT CAP HARNESS TO LIGHT MONITOR

(JC)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	12	RED	2030385C1	N/A
2	84	16	RED	1661538C1	N/A
3	84A	16	GRN	1661538C1	N/A
4	84	16	GRN	1661538C1	N/A
5	-	-	-	-	-
6	83	16	BLU	1661538C1	N/A
7	84	16	BRN	1661538C1	N/A
8	84	16	BLU	1661538C1	N/A
9	-	-	-	-	-

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	12	RED	2030386C1	N/A
2	84	16	RED	1661539C1	N/A
3	84	16	GRN	1661539C1	N/A
4	84	16	GRN	1661539C1	N/A
5	-	-	-	-	-
6	83	16	BLU	1661539C1	N/A
7	84	16	BRN	1661539C1	N/A
8	84	16	BLU	1661539C1	N/A
9	-	-	-	-	-

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 078

Figure 306 Connector Composites (JC)

13.79. CONNECTOR COMPOSITES (JD), P. 79

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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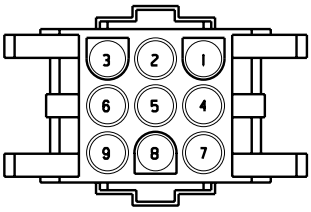
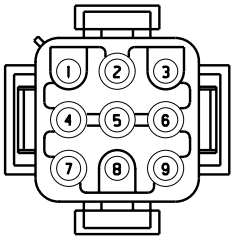
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

FRONT CAP HARNESS TO LIGHT MONITOR

(JD)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	RED	1661538C1	N/A
2	83	16	YEL	1661538C1	N/A
3	83A	16	YEL	1661538C1	N/A
4	17	16	BLK	1661538C1	N/A
5	83A	16	BLU	1661538C1	N/A
6	17	16	WHT	1661538C1	N/A
7	83	16	BRN	1661538C1	N/A
8	83A	16	BRN	1661538C1	N/A
9	-	-	-	-	-

CONNECTOR 2206664C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	RED	1661539C1	N/A
2	83	16	YEL	1661539C1	N/A
3	83	16	YEL	1661539C1	N/A
4	17	16	BLK	1661539C1	N/A
5	83	16	BLU	1661539C1	N/A
6	-	-	-	-	-
7	83	16	BRN	1661539C1	N/A
8	83	16	BRN	1661539C1	N/A
9	-	-	-	-	-

CONNECTOR 2206659C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318 SHEET 079

Figure 307 Connector Composites (JD)

13.80. CONNECTOR COMPOSITES (BLANK PAGE), P. 80

INTERNATIONAL TRUCK AND ENGINE CORPORATION	ELECTRICAL CIRCUIT DIAGRAM CHAPTER13
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 BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 080

Figure 308 Connector Composites (Blank Page)

13.81. CONNECTOR COMPOSITES (SS1), (SS2), P. 81

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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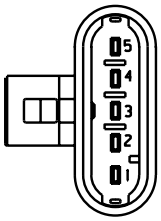
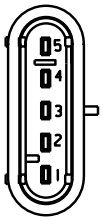
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

CHASSIS HARNESS TO CROSSING GATE

(SS1)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	63	16	YEL	3522190C1	3522194C1
2	63	16	BLU	3522190C1	3522194C1
3	63	16	BLK	3522190C1	3522194C1
4	64	16	RED	3522190C1	3522194C1
5	-	16	WHT	3522190C1	3522194C1

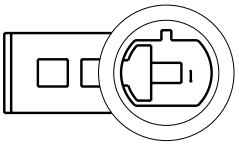
CONNECTOR 2206593C1

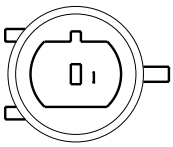
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	2	16	YEL	2206584C1	3522194C1
2	2	16	BLU	2206584C1	3522194C1
3	2	16	BLK	2206584C1	3522194C1
4	2	16	RED	2206584C1	3522194C1
5	-	16	WHT	2206584C1	3522194C1

CONNECTOR 2206592C1

CHASSIS HARNESS TO SKIRT LIGHT FWD OF ENTRANCE DOOR

(SS2)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	75	16	BRN	3522190C1	3522194C1

CONNECTOR 2206586C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	75	16	BRN	2206584C1	3522194C1

CONNECTOR 2206585C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318 SHEET 081

Figure 309 Connector Composites (SS1), (SS2)

13.82. CONNECTOR COMPOSITES (SS4), (SS5), P. 82

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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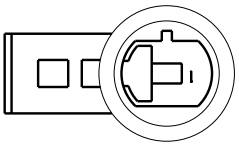
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

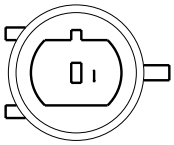
CHASSIS HARNESS TO STEP LIGHT

(SS4)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	38	16	BRN	3522190C1	3522194C1

CONNECTOR 2206586C1

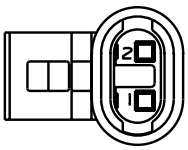


CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	38	16	BRN	2206584C1	3522194C1

CONNECTOR 2206585C1

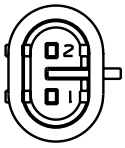
CHASSIS HARNESS TO LIFT INTERLOCK

(SS5)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	55	16	VIO	3522190C1	3522194C1
2	55	16	WHT	3522190C1	3522194C1

CONNECTOR 2206588C1



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	55	16	VIO	2206584C1	3522194C1
2	55	16	WHT	2206584C1	3522194C1

CONNECTOR 2206587C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 082

Figure 310 Connector Composites (SS4), (SS5)

13.83. CONNECTOR COMPOSITES (SS13), (SS30), P. 83

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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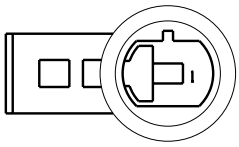
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

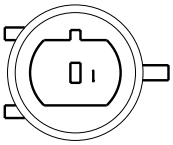
CHASSIS HARNESS TO SKIRT LIGHT AFT OF ENTRANCE DOOR

(SS13)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	38	16	BRN	3522190C1	3522194C1

CONNECTOR 2206586C1

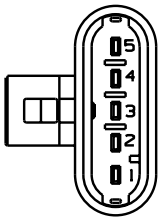


CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	38	16	BRN	2206584C1	3522194C1

CONNECTOR 2206585C1

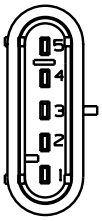
REAR CAP HARNESS TO REAR GRILLE

(SS30)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	BRN	3522190C1	3522194C1
2	83	16	RED	3522190C1	3522194C1
3	83	16	YEL	3522190C1	3522194C1
4	83	16	BLU	3522190C1	3522194C1
5	83	16	WHT	3522190C1	3522194C1

CONNECTOR 2206593C1



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	BRN	2206584C1	3522194C1
2	83	16	RED	2206584C1	3522194C1
3	83	16	YEL	2206584C1	3522194C1
4	83	16	BLU	2206584C1	3522194C1
5	83	16	WHT	2206584C1	3522194C1

CONNECTOR 2206592C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 083

Figure 311 Connector Composites (SS13), (SS30)

13.84. CONNECTOR COMPOSITES (SS31), (SS32), P. 84

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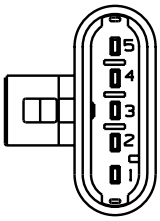
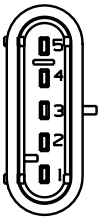
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

REAR CAP HARNESS TO REAR GRILLE

(SS31)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	84	16	BRN	3522190C1	3522194C1
2	84	16	RED	3522190C1	3522194C1
3	84	16	GRN	3522190C1	3522194C1
4	84	16	BLU	3522190C1	3522194C1
5	84	16	WHT	3522190C1	3522194C1

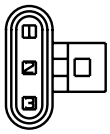
CONNECTOR 2206593C1

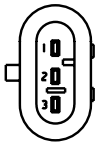
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	84	16	BRN	2206584C1	3522194C1
2	84	16	RED	2206584C1	3522194C1
3	84	16	GRN	2206584C1	3522194C1
4	84	16	BLU	2206584C1	3522194C1
5	84	16	WHT	2206584C1	3522194C1

CONNECTOR 2206592C1

LH REAR LIGHTS 7" STOP & TAIL LIGHT

(SS32)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	WHT	2206584C1	3522194C1
2	83	16	BRN	2206584C1	3522194C1
3	83	16	RED	2206584C1	3522194C1

CONNECTOR 3522187C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	WHT	2206584C1	3522194C1
2	-	-	BLK	2206584C1	3522194C1
3	-	-	RED	2206584C1	3522194C1

CONNECTOR 2206589C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 084

Figure 312 Connector Composites (SS31), (SS32)

13.85. CONNECTOR COMPOSITES (SS33), (SS34), P. 85

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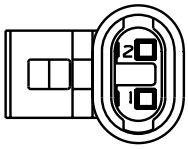
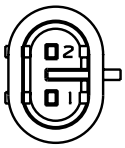
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH REAR LIGHTS - BACK-UP LIGHTS

(SS33)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	BLU	3522190C1	3522194C1
2	83	16	WHT	3522190C1	3522194C1

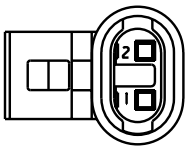
CONNECTOR 2206588C1

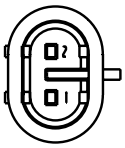
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	BLK	2206584C1	3522194C1
2	-	-	WHT	2206584C1	3522194C1

CONNECTOR 2206587C1

LH REAR LIGHT - DIRECTIONAL LIGHT

(SS34)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	YEL	3522190C1	3522194C1
2	83	16	WHT	3522190C1	3522194C1

CONNECTOR 2206588C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	YEL	2206584C1	3522194C1
2	-	-	WHT	2206584C1	3522194C1

CONNECTOR 2206587C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 085

Figure 313 Connector Composites (SS33), (SS34)

13.86. CONNECTOR COMPOSITES (SS35), (SS36), P. 86

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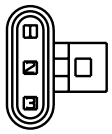
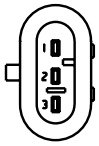
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH REAR LIGHTS - 4" STOP & TAIL LIGHT

(SS35)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	WHT	3522190C1	3522194C1
2	83	16	BRN	3522190C1	3522194C1
3	83	16	RED	3522190C1	3522194C1

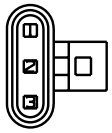
CONNECTOR 3522187C1

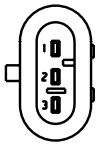
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	WHT	2206584C1	3522194C1
2	83	16	BRN	2206584C1	3522194C1
3	83	16	RED	2206584C1	3522194C1

CONNECTOR 2206589C1

RH REAR LIGHTS - 7" STOP & TAIL LIGHT

(SS36)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	84	16	WHT	3522190C1	3522194C1
2	84	16	BRN	3522190C1	3522194C1
3	84	16	RED	3522190C1	3522194C1

CONNECTOR 3522187C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	WHT	2206584C1	3522194C1
2	-	-	BLK	2206584C1	3522194C1
3	-	-	RED	2206584C1	3522194C1

CONNECTOR 2206589C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 086

Figure 314 Connector Composites (SS35), (SS36)

13.87. CONNECTOR COMPOSITES (SS37), (SS38), P. 87

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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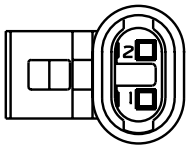
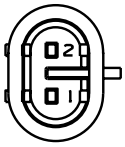
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

RH REAR LIGHT - BACK-UP LIGHT

(SS37)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	84	16	BLU	3522190C1	3522194C1
2	84	16	WHT	3522190C1	3522194C1

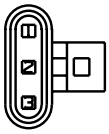
CONNECTOR 2206588C1

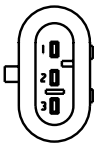
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	BLK	2206584C1	3522194C1
2	-	-	WHT	2206584C1	3522194C1

CONNECTOR 2206587C1

RH REAR LIGHTS - 4" STOP & TAIL LIGHT

(SS38)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	84	16	WHT	3522190C1	3522194C1
2	84A	16	BRN	3522190C1	3522194C1
3	84	16	RED	3522190C1	3522194C1

CONNECTOR 3522187C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	WHT	2206584C1	3522194C1
2	-	-	BLK	2206584C1	3522194C1
3	-	-	RED	2206584C1	3522194C1

CONNECTOR 2206589C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY	
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318 SHEET 087

Figure 315 Connector Composites (SS37), (SS38)

13.88. CONNECTOR COMPOSITES (SS39), (SS40), P. 88

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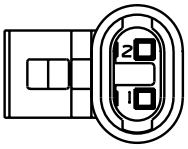
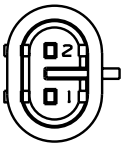
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

RH REAR LIGHTS - DIRECTIONAL LIGHT

(SS39)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	84	16	GRN	3522190C1	3522194C1
2	84	16	WHT	3522190C1	3522194C1

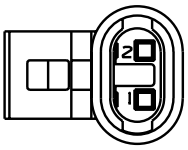
CONNECTOR 2206588C1

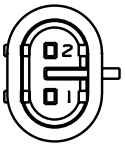
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	GRN	2206584C1	3522194C1
2	-	-	WHT	2206584C1	3522194C1

CONNECTOR 2206587C1

RH REAR LIGHTS WITH SEPARATE LICENSE LIGHT

(SS40)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	84	16	BRN	3522190C1	3522194C1
2	84	16	WHT	3522190C1	3522194C1

CONNECTOR 2206588C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	BRN	2206584C1	3522194C1
1	-	-	WHT	2206584C1	3522194C1

CONNECTOR 2206587C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 088

Figure 316 Connector Composites (SS39), (SS40)

13.89. CONNECTOR COMPOSITES (SS41), (SS52), P. 89

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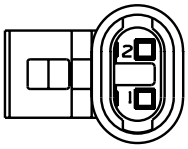
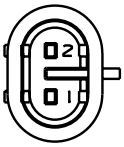
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LH REAR LIGHTS WITH SEPARATE LICENSE LIGHT

(SS41)





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	BRN	3522190C1	3522194C1
2	83	16	WHT	3522190C1	3522194C1

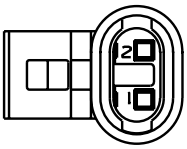
CONNECTOR 2206588C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	BRN	2206584C1	3522194C1
1	83	16	WHT	2206584C1	3522194C1

CONNECTOR 2206587C1

CHASSIS HARNESS TO WINDSHIELD WASHER PUMP

(SS52)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	46	16	VIO	3522190C1	3522194C1
2	-	16	WHT	3522190C1	3522194C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 089

Figure 317 Connector Composites (SS41), (SS52)

13.90. CONNECTOR COMPOSITES (BLANK PAGE), P. 90

INTERNATIONAL TRUCK AND ENGINE CORPORATION	ELECTRICAL CIRCUIT DIAGRAM CHAPTER13
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 BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 090

Figure 318 Connector Composites (Blank Page)

13.91. CONNECTOR COMPOSITES (BLANK PAGE), P. 91

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INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 091

Figure 319 Connector Composites (Blank Page)

13.92. CONNECTOR COMPOSITES (BLANK PAGE), P. 92

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					300152	CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 092

Figure 320 Connector Composites (Blank Page)

13.93. CONNECTOR COMPOSITES (BLANK PAGE), P. 93

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

INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 093

Figure 321 Connector Composites (Blank Page)

13.94. CONNECTOR COMPOSITES (BLANK PAGE), P. 94

INTERNATIONAL TRUCK AND ENGINE CORPORATION	ELECTRICAL CIRCUIT DIAGRAM CHAPTER13
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 BODY COMPOSITE MATING VIEW SHOWN

INTENTIONALLY
LEFT BLANK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 094

Figure 322 Connector Composites (Blank Page)

13.95. CONNECTOR COMPOSITES (LEFT AND RIGHT DOME LIGHTS), P. 95

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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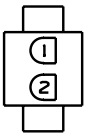
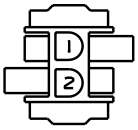
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

LEFT DOME LIGHTS





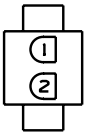
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	33	16	BRN	2206677C1	N/A
1	53B	16	BRN	2206677C1	N/A
1	53A	16	BRN	2206677C1	N/A
1	3	16	BRN	2206677C1	N/A
2	33	16	WHT	2206677C1	N/A
2	53	16	WHT	2206677C1	N/A
2	53	16	WHT	2206677C1	N/A

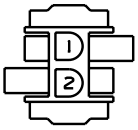
CONNECTOR 1669029C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	BLK	1661539C1	N/A
2	-	-	WHT	1661539C1	N/A

CONNECTOR 1669030C1

RIGHT DOME LIGHTS





CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	3	16	BRN	2206677C1	N/A
1	53	16	BRN	2206677C1	N/A
1	53	16	BRN	2206677C1	N/A
1	33	16	BRN	2206677C1	N/A
2	3	16	WHT	2206677C1	N/A

CONNECTOR 1669029C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	BLK	1661539C1	N/A
2	-	-	WHT	1661539C1	N/A

CONNECTOR 1669030C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					300152	CIRCUIT DIAGRAM, RE BUS BODY		
					RELEASE NO. 59856R	DATE 14DEC07	PART NO. AE08-56318	SHEET 095

Figure 323 Connector Composites (Left and Right Dome Lights)

13.96. CONNECTOR COMPOSITES (ES30), (ES32), P. 96

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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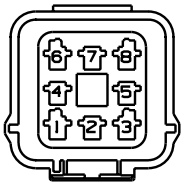
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

CHASSIS HARNESS TO LEFT HEADLIGHT

(ES30)



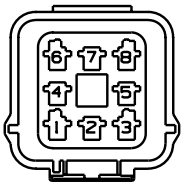
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	16	BRN	2206598C1	2206613C1
2	-	16	BRN	2206598C1	2206613C1
3	-	16	WHT	2206598C1	2206613C1
4	PLUG	-	-	-	2206614C1
5	PLUG	-	-	-	2206614C1
6	-	14	GRN	2206597C1	2206612C1
7	-	14	RED	2206597C1	2206612C1
8	-	14	WHT	2206597C1	2206612C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	16	YEL	2206599C1	2206613C1
2	83	16	BRN	2206599C1	2206613C1
3	-	16	WHT	2206599C1	2206613C1
4	PLUG	-	-	-	2206614C1
5	PLUG	-	-	-	2206614C1
6	A	12	GRN	2206597C1	2206612C1
7	A	12	RED	2206597C1	2206612C1
8	C	12	WHT	2206597C1	2206612C1

CONNECTOR - 2206611C1
LOCKPLATE - 2206610C1

CHASSIS HARNESS TO RIGHT HEADLIGHT

(ES32)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	16	BRN	2206598C1	2206613C1
2	-	16	BRN	2206598C1	2206613C1
3	-	16	WHT	2206598C1	2206613C1
4	PLUG	-	-	-	2206614C1
5	PLUG	-	-	-	2206614C1
6	-	14	GRN	2206597C1	2206612C1
7	-	14	RED	2206597C1	2206612C1
8	-	14	WHT	2206597C1	2206612C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	84	16	GRN	2206599C1	2206613C1
2	84	16	BRN	2206599C1	2206613C1
3	A	16	WHT	2206599C1	2206613C1
4	PLUG	-	-	-	2206614C1
5	PLUG	-	-	-	2206614C1
6	-	12	GRN	2206597C1	2206612C1
7	-	12	RED	2206597C1	2206612C1
8	-	12	WHT	2206597C1	2206612C1

CONNECTOR - 2206611C1
LOCKPLATE - 2206610C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 15DEC07 · PART NO. AE08-56318 · SHEET 096

Figure 324 Connector Composites (ES30), (ES32)

13.97. CONNECTOR COMPOSITES (ES3), P. 97

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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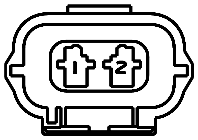
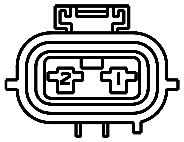
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN

(LPO CONNECTOR)

(ES3)



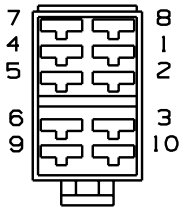


CAV	CIR	GAUGE	COLOUR	TERMINAL	SEAL/SLEEVE
1	65	12	BLU	2206597C1	2206612C1
2	-	12	WHT	2206597C1	2206612C1

CONNECTOR 2206603C1

CAV	CIR	GAUGE	COLOUR	TERMINAL	SEAL/SLEEVE
1	-	-	BLU	2206596C1	2206612C1
2	-	-	WHT	2206596C1	2206612C1

CONNECTOR 2206600C1



CONNECTOR 3530563C1

CENTER DEFOG BLOWER SWITCH

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	5	12	BLK	0556897C1	N/A
3	18	12	GRN	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	19	12	RED	0556897C1	N/A
7	-	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

BOTTOM STEP HEATER SWITCH

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	75	16	BLK	0556897C1	N/A
3	75	16	RED	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	37	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 / PART NO. AE08-56318 / SHEET 097

Figure 325 Connector Composites (ES3)

13.98. CONNECTOR COMPOSITES (1), (2), (5), (6), P. 98

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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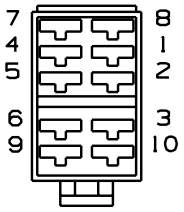
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN



CONNECTOR 3530563C1

LEFT DEFOG FAN
(1)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	5	12	BLK	0556897C1	N/A
3	18	12	GRN	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	19	12	RED	0556897C1	N/A
7	A	16	WHT	0556897C1	N/A
8	37A	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

RIGHT DEFOG FAN
(2)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	6	16	BLK	0556897C1	N/A
3	31	16	V10	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	32	16	RED	0556897C1	N/A
7	A	16	WHT	0556897C1	N/A
8	37A	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

MASTER DISCONNECT SWITCH
OFF/ON W/ON INDICATOR
(5)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	40	16	BLK	0556897C1	N/A
3	40	16	BLK	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	37	16	WHT	0556897C1	N/A
7	-	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

LEFT REAR HEATER
(6)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	11	12	BLK	0556897C1	N/A
3	33	12	BLU	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	34	12	RED	0556897C1	N/A
7	37	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 098

Figure 326 Connector Composites (1), (2), (5), (6)

13.99. CONNECTOR COMPOSITES (7), (9), (10), P. 99

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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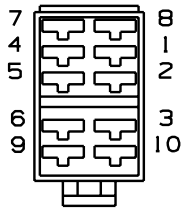
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN



CONNECTOR 3530563C1

RIGHT REAR HEATER (7)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	11	12	BLK	0556897C1	N/A
3	37	12	BLU	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	38	12	RED	0556897C1	N/A
7	37	16	WHT	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

STROBE SWITCH (9)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	16	16	BLK	0556897C1	N/A
3	64	16	BLU	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	37	16	WHT	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

BOOSTER PUMP (9)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	14	12	BLK	0556897C1	N/A
3	44	12	BLU	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	37	16	WHT	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

LEFT MIDSHIP HEATER (10)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	10	12	BLK	0556897C1	N/A
3	22	12	BLU	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	23	12	RED	0556897C1	N/A
7	37	16	WHT	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 099

Figure 327 Connector Composites (7), (9), (10)

13.100. CONNECTOR COMPOSITES (10), (11), (12), P. 100

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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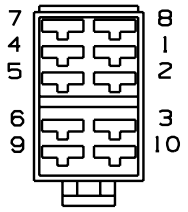
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN



CONNECTOR 3530563C1

DOME LIGHT SWITCH (LH SWITCH PANEL) (10)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	3	16	BLK	0556897C1	N/A
3	3	16	BRN	0556897C1	N/A
4	-	-	-	-	-
5	15	16	BLK	0556897C1	N/A
6	33	16	BRN	0556897C1	N/A
7	-	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

DRIVER DOME LIGHT SWITCH (11)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	3A	16	BLK	0556897C1	N/A
3	36	16	BRN	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	-	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

STANDARD DOME LIGHT SWITCH (11)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	3	16	BLK	0556897C1	N/A
3	3	16	BRN	0556897C1	N/A
4	-	-	-	-	-
5	15	16	BLK	0556897C1	N/A
6	33	16	BRN	0556897C1	N/A
7	37	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

HIGHWAY / CITY (12)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	75	16	YEL	0556897C1	N/A
3	75	16	GRA	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	-	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 100

Figure 328 Connector Composites (10), (11), (12)

13.101. CONNECTOR COMPOSITES (12), (13), (14), P. 101

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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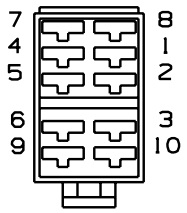
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN



CONNECTOR 3530563C1

NOISE KILL SWITCH OFF/ON W/ON INDICATOR (12)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	40	16	BLK	0556897C1	N/A
3	40	16	BLK	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	-	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

LEFT DEFOG FAN (13)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	5	12	BLK	0556897C1	N/A
3	18	12	GRN	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	19	12	RED	0556897C1	N/A
7	A	16	WHT	0556897C1	N/A
8	37A	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CROSSING GATE CANCEL SWITCH (13)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	63	16	BLU	0556897C1	N/A
2	63A	16	BLU	0556897C1	N/A
3	63	16	BLU	0556897C1	N/A
3	63C	16	BLU	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	37	16	WHT	0556897C1	N/A
7	-	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

DRIVER'S HEATER SWITCH (14)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	9	12	BLK	0556897C1	N/A
3	42	12	BLU	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	43	12	RED	0556897C1	N/A
7	37	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 PART NO. AE08-56318 SHEET 101

Figure 329 Connector Composites (12), (13), (14)

13.102. CONNECTOR COMPOSITES (14), (15), (16), P. 102

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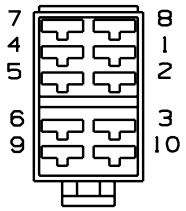
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN



CONNECTOR 3530563C1

RIGHT DEFOG FAN (14)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	6	16	BLK	0556897C1	N/A
3	31	16	VIO	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	32	16	RED	0556897C1	N/A
7	B	16	WHT	0556897C1	N/A
8	37B	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

MASTER FLASHER SWITCH (15)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	1	12	BLK	0556897C1	N/A
3	39	12	RED	0556897C1	N/A
4	-	-	-	-	-
5	1A	12	BLK	0556897C1	N/A
5	1	12	BLK	0556897C1	N/A
6	30	12	RED	0556897C1	N/A
7	-	16	WHT	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

FLORIDA FLASHER LIGHT START SWITCH (16)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	67	16	BLU	0556897C1	N/A
2	30	12	RED	0556897C1	N/A
3	39	12	RED	0556897C1	N/A
4	70	12	WHT	0556897C1	N/A
5	1	12	WHT	0556897C1	N/A
6	-	-	WHT	0556897C1	N/A
7	-	16	WHT	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

FLASHER WARNING LIGHT START SWITCH (16)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	1	12	BLK	0556897C1	N/A
3	39	12	RED	0556897C1	N/A
4	-	-	-	0556897C1	N/A
5	1	12	BLK	0556897C1	N/A
6	-	-	-	0556897C1	N/A
7	-	16	WHT	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 102

Figure 330 Connector Composites (14), (15), (16)

13.103. CONNECTOR COMPOSITES (17), (19), (20), (21), P. 103

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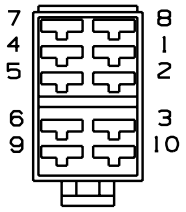
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN



CONNECTOR 3530563C1

OVERRIDE SWITCH
(17)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2&	1	12	BLK	0556897C1	N/A
2&	54	12	BLK	0556897C1	N/A
3	54	12	BRN	0556897C1	N/A
4	-	-	-	-	-
5	70	16	WHT	0556897C1	N/A
5	-	-	WHT	0556897C1	N/A
6	C	16	WHT	0556897C1	N/A
7	-	16	WHT	0556897C1	N/A
7	-	-	WHT	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

FOG LIGHT SWITCH
(19)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	50	16	BLK	0556897C1	N/A
3	50	16	BLU	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	37	16	WHT	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

LEFT DOME LIGHT SWITCH
OR
DOME LIGHT SWITCH
(20)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	3	16	BLK	0556897C1	N/A
3	3	16	BRN	0556897C1	N/A
4	-	-	-	-	-
5	15	16	BLK	0556897C1	N/A
5	15A	16	BLK	0556897C1	N/A
6	33	16	BRN	0556897C1	N/A
7	-	16	WHT	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

DRIVER DOME LIGHT SWITCH
(21)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	3A	16	BLK	0556897C1	N/A
3	36	16	BLK	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	-	16	WHT	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

& MUTUALLY EXCLUSIVE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 103

Figure 331 Connector Composites (17), (19), (20), (21)

13.104. CONNECTOR COMPOSITES (22), (23), (24), P. 104

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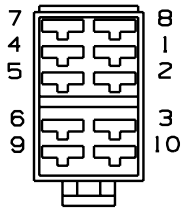
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN



CONNECTOR 3530563C1

FRONT DOME LIGHT SWITCH
(22)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	3B	16	BLK	0556897C1	N/A
3	33	16	BLK	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	-	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

REAR DOME LIGHT SWITCH
(23)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	15	16	BLK	0556897C1	N/A
2	15A	16	BLK	0556897C1	N/A
3	53	16	BRN	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	-	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

LAST DOME / REAR ROW DOME LIGHT
(23)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	15A	16	BLK	0556897C1	N/A
3	53	16	BRN	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	-	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CLEARANCE LIGHT SWITCH OFF/ON
(24)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	2	16	BLK	0556897C1	N/A
3	2	16	YEL	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	37	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 104

Figure 332 Connector Composites (22), (23), (24)

13.105. CONNECTOR COMPOSITES (25), (26), (27), (28), P. 105

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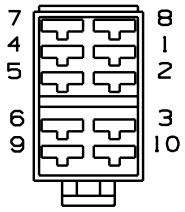
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN



CONNECTOR 3530563C1

STROBE LIGHT SWITCH (25)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	16	16	BLK	0556897C1	N/A
2	16A	16	BLK	0556897C1	N/A
3	64	16	BLU	0556897C1	N/A
3	64A	16	BLU	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	F	16	WHT	0556897C1	N/A
7	37	16	WHT	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
8	37F	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

ACTIVITY LIGHT SWITCH (26)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	24	16	BLK	0556897C1	N/A
3	30	16	BRN	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	G	16	WHT	0556897C1	N/A
8	37G	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

LUGGAGE BOX LIGHT SWITCH (27)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	35	16	BLK	0556897C1	N/A
3	35	16	BRN	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	B	16	WHT	0556897C1	N/A
8	37B	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

FRONT POWER VENT SWITCH (28)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	23	16	BLK	0556897C1	N/A
3	22	16	BLU	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	22	16	RED	0556897C1	N/A
7	-	16	WHT	0556897C1	N/A
7	37	16	WHT	0556897C1	N/A
8	-	16	VIO	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 PART NO. AE08-56318 SHEET 105

Figure 333 Connector Composites (25), (26), (27), (28)

13.106. CONNECTOR COMPOSITES (29), (30), (32), P. 106

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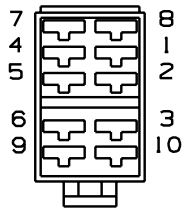
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN



CONNECTOR 3530563C1

REAR POWER VENT SWITCH (29)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	23	16	BLK	0556897C1	N/A
3	23	16	BLU	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	23	16	RED	0556897C1	N/A
7	-	16	WHT	0556897C1	N/A
7	37J	16	WHT	0556897C1	N/A
8	-	16	V10	0556897C1	N/A
8	37J	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

RIGHT MIDSHIP HEATER (29)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	10	12	BLK	0556897C1	N/A
3	24	12	BLU	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	25	12	RED	0556897C1	N/A
7	37	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

DESTINATION LIGHT SWITCH (30)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	18	16	BLK	0556897C1	N/A
3	10	16	BLU	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	37	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

HEATED MIRROR SWITCH (32)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	14	16	BLK	0556897C1	N/A
3	59	16	GRA	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	37	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 106

Figure 334 Connector Composites (29), (30), (32)

13.107. CONNECTOR COMPOSITES (32), (36), (37), (38), P. 107

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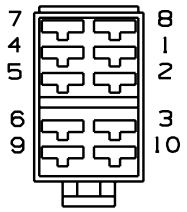
ELECTRICAL CIRCUIT DIAGRAM CHAPTER13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN



CONNECTOR 3530563C1

HEATED WIPER BLADE SWITCH (32)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	31	16	BLK	0556897C1	N/A
3	31	16	RED	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	37	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

VANDAL LOCK SWITCH (36)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	4	16	BLK	0556897C1	N/A
3	-	16	BLK	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	37	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CAMERA (37)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	33	16	BLK	0556897C1	N/A
3	75	16	RED	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	C	16	WHT	0556897C1	N/A
8	37C	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CROSSING GATE CANCEL SWITCH (38)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	63	16	BLU	0556897C1	N/A
3	63	16	BLU	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	37	16	WHT	0556897C1	N/A
8	37	16	V10	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
					300152	CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 14DEC07 · PART NO. AE08-56318 · SHEET 107

Figure 335 Connector Composites (32), (36), (37), (38)

13.108. CONNECTOR COMPOSITES (C40), (40), P. 108

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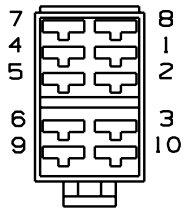
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE MATING VIEW SHOWN



CONNECTOR 3530563C1

DRIVER DEFOG BLOWER (C40)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	31	12	BLK	0556897C1	N/A
3	21	12	ORN	0556897C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	22	12	RED	0556897C1	N/A
7	-	16	WHT	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

RIGHT DOME LIGHT SWITCH (40)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	15	16	BLK	0556897C1	N/A
3	15A	16	BLK	0556897C1	N/A
4	33	16	BRN	0556897C1	N/A
5	-	-	-	-	-
6	-	-	-	-	-
7	-	16	WHT	0556897C1	N/A
8	37	16	VIO	0556897C1	N/A
9	-	-	-	-	-
10	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN 300152	NAME CIRCUIT DIAGRAM, RE BUS BODY
					RELEASE NO. 59856R	DATE 18DEC07 · PART NO. AE08-56318 · SHEET 108

Figure 336 Connector Composites (C40), (40)