15. INSTRUCTIONS AND CHARTS (RHD — CHAPTER 1)

15.1. CIRCUIT IDENTIFICATION CHART, P. 1

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1

INTERNATIONAL CIRCUIT NUMBER IDENTIFICATION & COLOR CHART

CIRCUIT NUMBER AND IDENTIFICATION

CIRCUIT NUMBER	COLOR	DESCRIPTION
1	LTBL	ALTERNATOR-FIELD
2	RD	ALTERNATOR-CHARGE
3	DKBL GY	1708 DATA LINK, SWITCH DATA LINK(+) 1708 DATA LINK ,SWITCH DATA LINK(-)
4		SERIAL/DATA COMMUNICATION J1922
5	YL GN	DRIVE TRAIN J1939 DATA LINK (+) DRIVE TRAIN J1939 DATA LINK (-)
6	GY	
7	RD	ALTERNATOR-RESISTANCE
8		
9	GY	ZERO VOLT REFERENCE (ZVR)
10	WH	CHASSIS/ENGINE GROUND
11	WH	CAB/SLEEPER GROUND
12	LTBL	ACCESORY FEED
13	PK BK	IGNITION FEED IGNITION FEED(BODY BUILDER CONNECTOR)
14	RD	BATTERY FEED
15	RD	KEY SWITCH FEED
16		
17	PK	STARTER CONTROL
18	PK	GLOW PLUG/PRE-HEATER
19	GY	ENGINE SHUTDOWN
20	LTGN	REMOTE POWER MODULE
21	TN	COLD START CONTROLS (ETHER)
22		
23	TN	ENGINE FAN/SHUTTERS
24	GY	ENGINE EXHAUST BRAKE
25	TN	PYROMETER
26	TN	AMMETER
27	TN	VOLTMETER
28	TN	INSTRUMENTS & GAUGES
29	TN	ENGINE WATER TEMPERATURE
30	TN	ENGINE OIL TEMPERATURE
31	TN	TRANSMISSION OIL TEMPERATURE
32	TN	AXLE OIL TEMPERATURE
33	TN	ENGINE OIL LEVEL
34	TN	COOLANT LEVEL
35	TN	ENGINE OIL PRESSURE
36	TN	FUEL LEVEL
37	TN	FUEL PUMP
38		
39	GY	AIR DRYER HEATER
40	GY	LOW AIR PRESSURE WARNING
41	TN	AIR TEMPERATURE
42	GY	AXLE ENGAGED
43	GY	POWER DIVIDER LOCK (PDL) WARNING
44	GY	PARK BRAKE WARNING
45	LTGN	ANTI-THEFT WARNING
46	GY	POWER TAKE-OFF WARNING
47	GY	SPEEDOMETER
48	GY	TACHOMETER
49	GY	DIFFERENTIAL LOCK WARNING

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20MAY06		REVISED & REDRAWN.	A	59381N	U00BWB4	INSTRUCTIONS AND CHARTS FOR ALL MODELS
					RELEASE NO. P52887F	DATE 15JAN99 / PART NO. AE08-52470 / SHEET 01

Figure 278 Circuit Identification Chart, page 1

15.2. CIRCUIT IDENTIFICATION CHART, P. 2

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1

INTERNATIONAL CIRCUIT NUMBER IDENTIFICATION & COLOR CHART

CIRCUIT NUMBER AND IDENTIFICATION (CONT.)

CIRCUIT NUMBER	COLOR	DESCRIPTION
50	YL	LIGHT SWITCH FEED
51	YL	DIMMER SWITCH FEED
52	YL	HEADLIGHT HI-BEAM
53	YL	HEADLIGHT LO-BEAM
54	BN	PARKING/MARKER/POSITION LIGHTS
55	OR	TURN SIGNAL - FEED
56	OR	TURN SIGNAL LIGHTS-LEFT
	YL	TURN SIGNAL LIGHTS-LEFT (BODY BUILDER CONNECTION)
57	OR	TURN SIGNAL LIGHTS-RIGHT
	LT GN	TURN SIGNAL LIGHTS-RIGHT (BODY BUILDER CONNECTION)
58	BN	CLEARANCE/IDENTIFICATION LIGHTS
59	GY	SOLENOID
60	OR	HAZARD LIGHTS
61	GY	AIR SUSPENSION
62	DKBL	PANEL LIGHTS
63	DKBL	COURTESY/DOME LIGHTS
64	YL	FOG/DRIVING LIGHTS
65	OR	CAB REAR FLOOD LIGHTS
66	YL	DAYTIME RUNNING LIGHTS
67		
68	BN	TAIL LIGHTS
69	BN	LICENSE PLATE LIGHT
70	OR	STOP LIGHTS
	RD	STOP LIGHTS (BODY BUILDER CONNECTION)
71	OR	BACK-UP LIGHTS
	LTBL	BACK-UP LIGHTS (BODY BUILDER CONNECTION)
72	OR	TRAILER AUXILIARY FEED - BATTERY
73	LTGN	PWM
74	LTGN	HEATER RECIRC MOTOR
75	LTGN	HEATER BLOWER MOTOR
76	LTGN	AUXILIARY FAN
77	LTGN	AIR CONDITIONER
78	LTGN	MIRRORS - HEATED/MOTORIZED
79	GY	SEAT BELTS
80	BK	SLEEPER BOX RELAY-FEED
81	LTGN	POWER DOOR LOCKS
82	GY	WINDSHIELD WIPER
83	LTGN	POWER WINDOWS
84	LTGN	CIGAR LIGHER
85	GY	HORN
86	LTGN	RADIO - ENTERTAINMENT/CLOCK
87	GY	WINDSHIELD WASHER
88	LTGN	CLOCK/HOURMETER
89	YL	AIR BAG
90	LTGN	HYDRAULIC BRAKE PUMP
91	VT	INTERCOMMUNICATION
92	TN	TRANSMISSION CONTROLS-ELECTRONIC
93	TN	AXLE SHIFT CONTROL
94	GY	ANTILOCK BRAKE SYSTEM
95	TN	EXHAUST EMISSION
96	YL	SNOW PLOW LIGHTS

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Figure 279 Circuit Identification Chart, page 2

15.3. CIRCUIT IDENTIFICATION CHART, P. 3

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1

INTERNATIONAL CIRCUIT NUMBER IDENTIFICATION & COLOR CHART

CIRCUIT NUMBER AND IDENTIFICATION (CONT.)

CIRCUIT NUMBER	COLOR	DESCRIPTION
97	VT	CRUISE AND ELECTRONIC ENGINE CONTROL
98	BK	DATALINK AND DIAGNOSTICS
99	VT	ACCELERATOR POSITION SENSOR (APS)
100	GY	AIR HORN (ELECTRONICS SOLENOID ACTUATED)
101	TN	BRAKE APPLICATION AIR
102	YL	FLASH TO PASS
103	LTGN	BODY BUILDER AUX FEED
104	DKBL	REMOTE START / STOP
105	LTGN	HEATED SHEETS
106	GY	5V SUPPLY FROM INSTRUMENT CLUSTER
107	TN	BRAKE WATER SENSOR
108	TN	BRAKE STROKE / SLACK ADJUSTER
109	GY	ZERO VOLT REF FROM GAUGE CLUSTER
110	TN	FUEL FILTER SENSOR

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
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Figure 280 Circuit Identification Chart, page 3

15.4. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 4

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1

INTERNATIONAL CIRCUIT NUMBER IDENTIFICATION & COLOR CHART

ABBREVIATION: COLOR AND NOUN

COLOR ABBREVIATION	
AO	AQUA
BK	BLACK
BL	BLUE
BN	BROWN
DKGN	DARK GREEN
GD	GOLD
GY	GRAY
GN	GREEN
LTBL	LIGHT BLUE
LTGN	LIGHT GREEN
OR	ORANGE
PK	PINK
PL	PURPLE
RD	RED
SIL	SILVER
TN	TAN
VT	VIOLET
WH	WHITE
YL	YELLOW

NOUN ABBREVIATION	
ACC	ACCESSORY
AC	AIR CONDITIONER
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
BAT	BATTERY
CONN	CONNECTION OR CONNECTOR
DRL	DAYTIME RUNNING LIGHTS
ENG	ENGINE
FWD	FORWARD
GA	GAUGE
GND	GROUND
IGN	IGNITION
IND	INDICATOR
L	LEFT
LT	LIGHT
W/O	WITHOUT
OPT	OPTIONAL
R	RIGHT
S	START OR SENSOR
THERMO	THERMOSTAT
W/	WITH

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
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Figure 281 Circuit Number Identification and Color

15.5. CIRCUIT DIAGRAM INSTRUCTION, P. 5

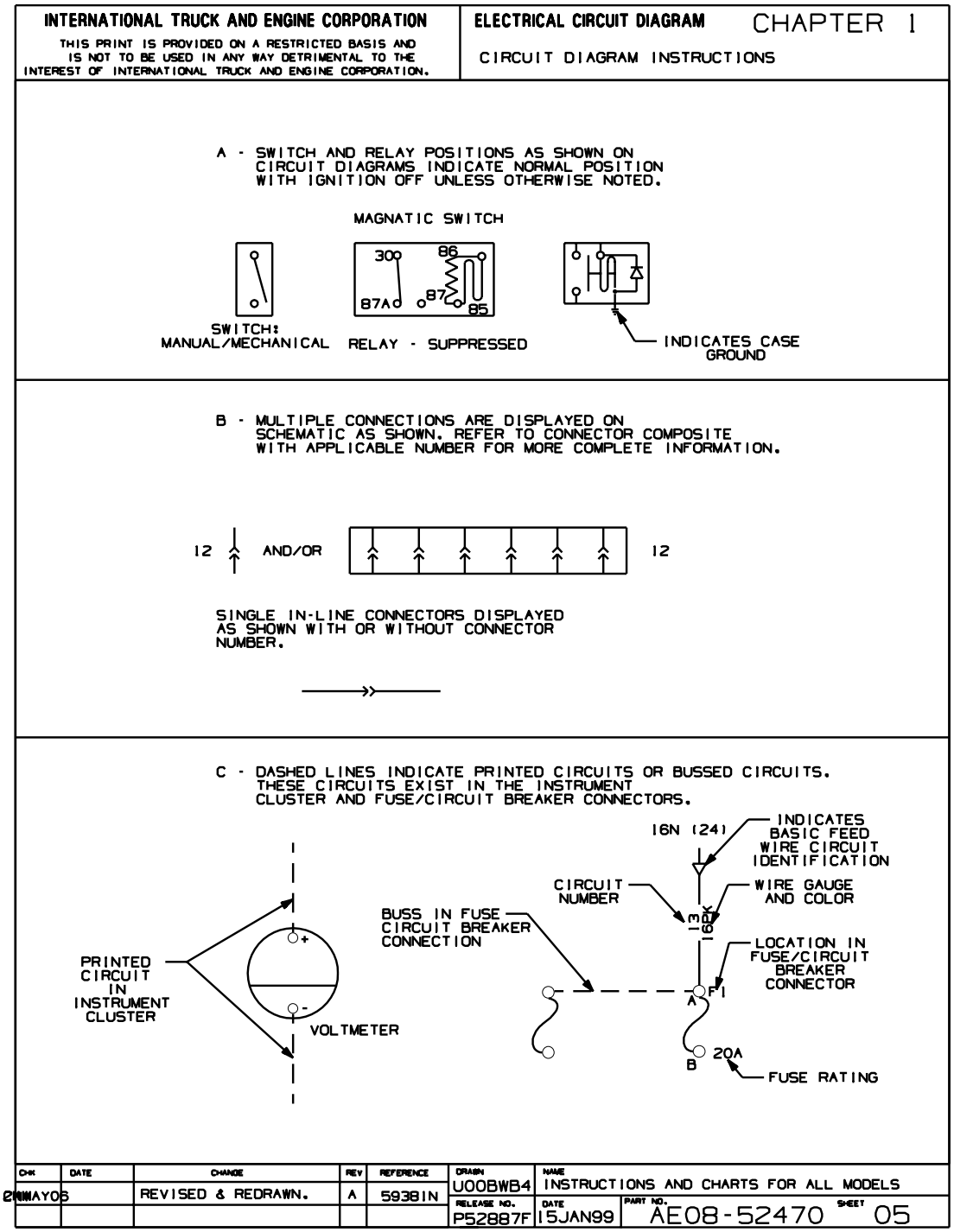

Figure 282 Circuit Diagram Instruction

15.6. CIRCUIT DIAGRAM INSTRUCTION, P. 6

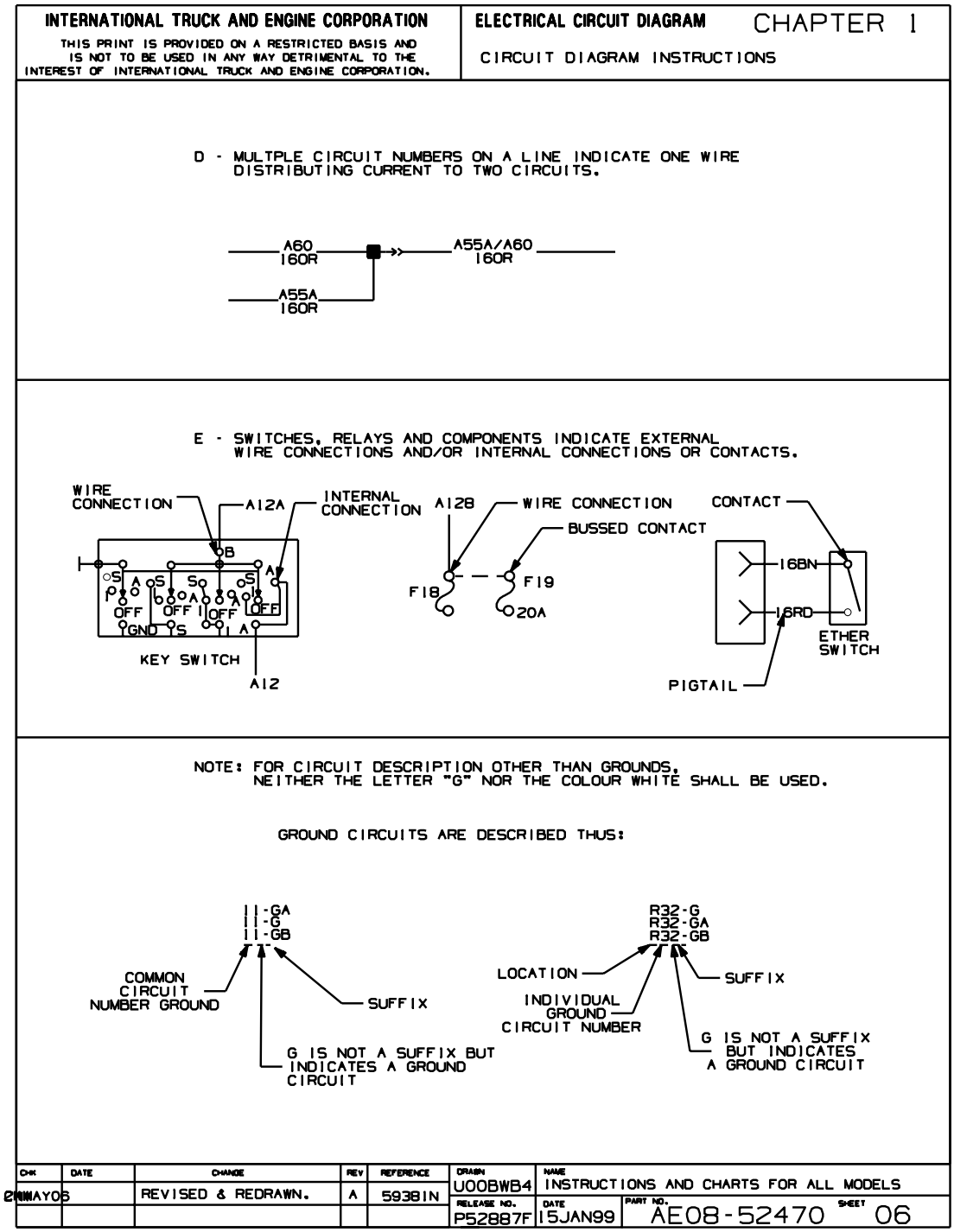

Figure 283 Circuit Diagram Instruction

15.7. RELAY FUNCTIONS AND WIRING GUIDE, P. 7

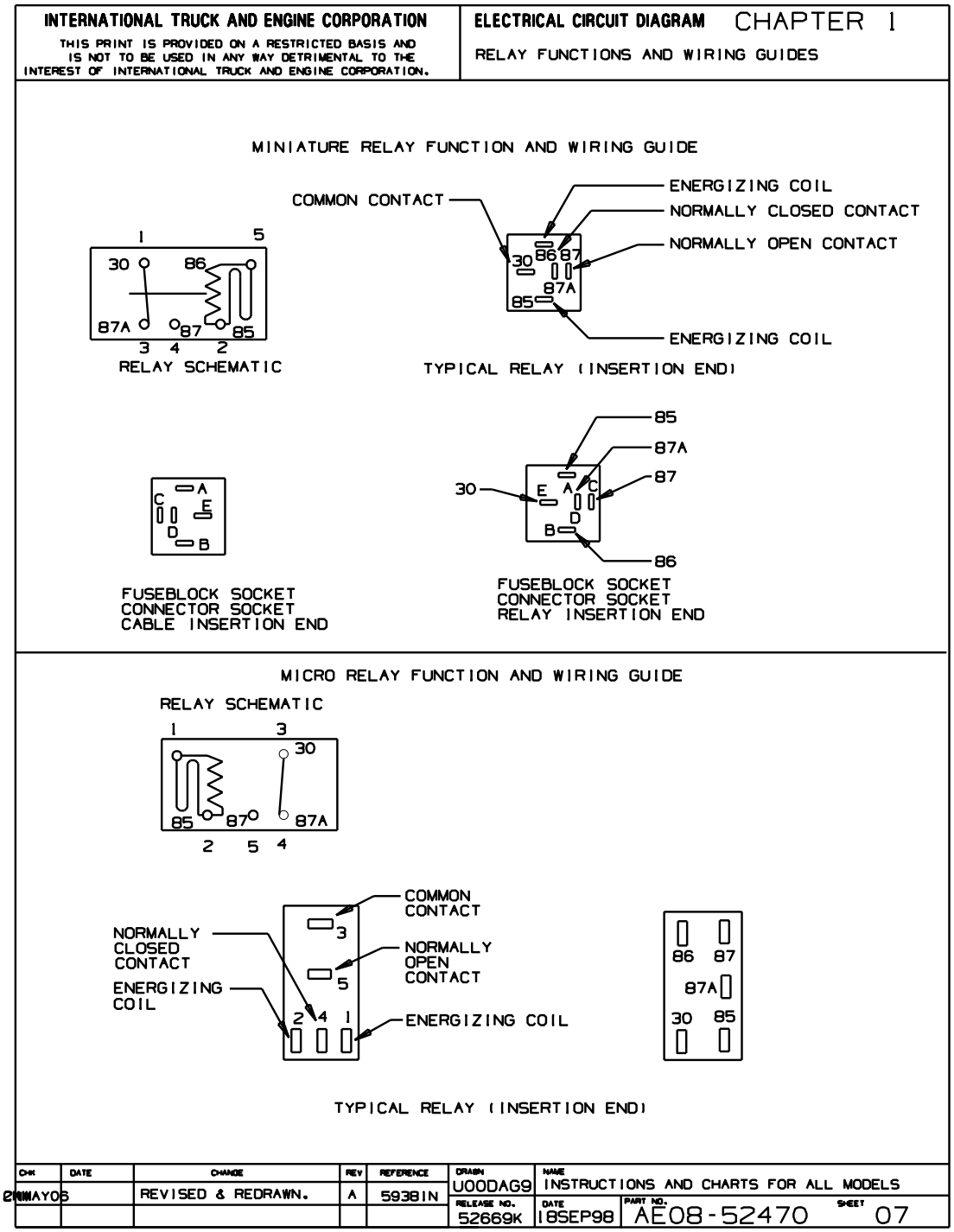

Figure 284 Relay Functions and Wiring Guide

15.8. RELAY FUNCTIONS AND WIRING GUIDE, P. 8

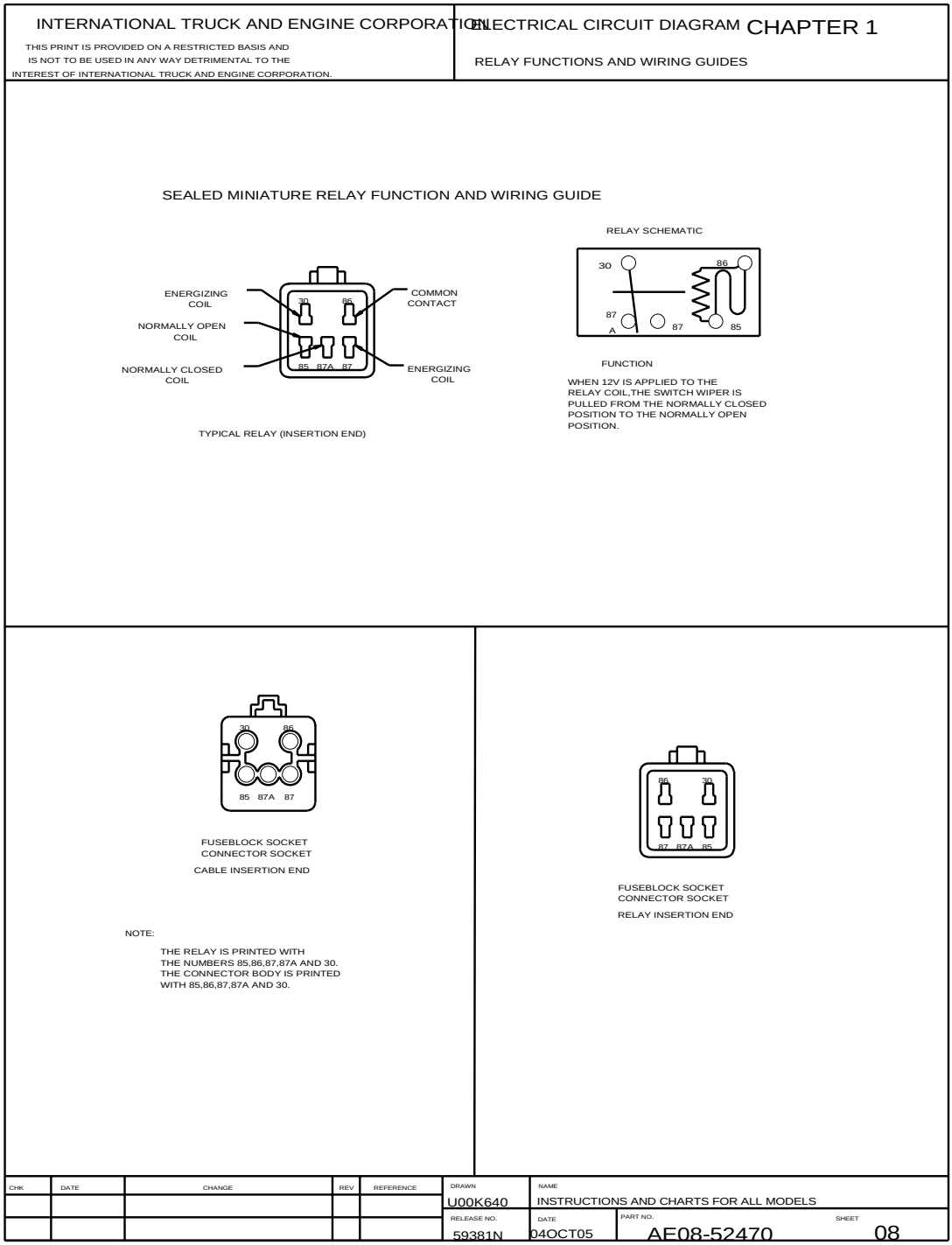

Figure 285 Relay Functions and Wiring Guide

15.9. SCHEMATIC SYMBOL CHART, P. 9

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 1

SCHEMATIC SYMBOL CHART

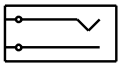
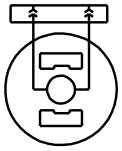
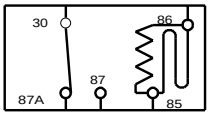
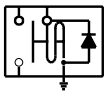
SYMBOL	DESCRIPTION
	CIGAR LIGHTER
	MOTOR - ELECTRIC
	RELAY-SUPPRESSED
	HORN
	SPEAKER - SOUND SYSTEM
	MAGNETIC SWITCH
	LIGHT - SINGLE FILMENT
	LIGHT - DOUBLE FILAMENT
	SENDER - OIL, WATER, FUEL, TEMPERATURE

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Figure 286 Schematic Symbol Chart

15.10. SCHEMATIC SYMBOL CHART, P. 10

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1

SCHEMATIC SYMBOL CHART

SYMBOL	DESCRIPTION
	MALE/FEMALE IN-LINE CONNECTION
	FEMALE TERMINAL
	MALE TERMINAL
	GROUND
	FUSE
	LIGHT EMITTING DIODE
	RESISTOR
	SWITCH CONTACT NORMALLY OPEN
	SWITCH CONTACT NORMALLY CLOSED
	JUNCTION POINT
	SPLICE
	SWITCH-PRESSURE
	SWITCH MANUAL/MECHANICAL
	SOLENOID GENERAL USAGE

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Figure 287 Schematic Symbol Chart

15.11. SCHEMATIC SYMBOL CHART, P. 11

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1

SCHEMATIC SYMBOL CHART

SYMBOL	DESCRIPTION
TYPE 1 (A, B) TYPE 2 OR 3 (A, B)	CIRCUIT BREAKER
	DIODE
	FUSEABLE LINK
	SWITCH-PUSH BUTTON
	SWITCH-WITH LIGHT
	ACCELERATOR POSITION SENSOR
	ALARM-ELECTRONIC
	FLASHER-TURN SIGNAL,HAZARD

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	INSTRUCTIONS AND CHARTS FOR ALL MODELS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52470	SHEET 11

Figure 288 Schematic Symbol Chart

15.12. LAMP BULB CHART, P. 12

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1

LAMP BULB CHART

SL.NO	BULB APPLICATION	CANDLE POWER OR WATTS	BULB TRADE NUMBER
1	BACK-UP LIGHTS	32 CANDLE POWER	GE1156
2	CLEARANCE & IDENTIFICATION SMALL	3 CANDLE POWER	GE168
3	COURTESY LIGHT	21 CANDLE POWER	1142
4	DOME LIGHTS	21 CANDLE POWER	1142
5	FOG LIGHTS	100 WATT	4921-1
6	LOW BEAMS	55 WATT	GE9007
7	HIGH BEAMS	60 WATT	GE9007
8	CIGAR LIGHTER	1 CANDLE POWER	1455
9	GAUGE BACK LIGHT	2 CANDLEPOWER	194
10	GAUGE WARNING LED (RED)	2 CANDLEPOWER	194
11	COLD AMBIENT PROTECTION LED (RED)	2 CANDLEPOWER	194
12	FUEL FILTER LED (YELLOW)	2 CANDLEPOWER	194
13	WARN ENGINE LED (YELLOW)	2 CANDLEPOWER	194
14	STOP ENGINE LED (RED)	2 CANDLEPOWER	194
15	BRAKE PRESSURE LED	2 CANDLEPOWER	194
16	CHECK TRANSMISSION LED	2 CANDLEPOWER	194
17	TRAILER ABS LED	2 CANDLEPOWER	194
18	WASHER FLUID LED	2 CANDLEPOWER	194
19	LEFT TURN SIGNAL LED (GREEN)	2 CANDLEPOWER	194
20	TRACTION CONTROL LED (GREEN)	2 CANDLEPOWER	194
21	WATER IN FUEL LED (YELLOW)	2 CANDLEPOWER	194
22	PARK FLUID LED (RED)	2 CANDLEPOWER	194
23	CHECK ELECTRICAL SYSTEMS LED (YELLOW)	2 CANDLEPOWER	194
24	PARK BRAKE LED (RED)	2 CANDLEPOWER	194
25	CRUISE CONTROL ACTIVE LED (YELLOW)	2 CANDLEPOWER	194
26	ANTILOCK BRAKING SYSTEM LED (YELLOW)	2 CANDLEPOWER	194
27	RIGHT TURN LED (GREEN)	2 CANDLEPOWER	194
28	COOLANT LEVEL LED (RED)	2 CANDLEPOWER	194
29	SEAT BELT LED (RED)	2 CANDLEPOWER	194
30	HIGH BEAM ICON LED (BLUE)	2 CANDLEPOWER	53
31	CHECK AIR CONDITIONER LED (YELLOW)	2 CANDLEPOWER	82S272109-4
32	MAP LIGHT	3 CANDLEPOWER	1816
33	SIDE MARKER		2548
34	STOP & TURN/TAIL & LICENSE PLATE	32/3 CANDLEPOWER	3157
35	TURN SIGNAL/MARKER (FENDER)	32/3 CANDLEPOWER	3157
36	TURN SIGNAL & MARKER LIGHT		2356
37	WORK (TRAILER HOOK)	35 WATTS	4411
38	BACK-UP LIGHTS UPPER AND LOWER BUNK READING LIGHT	15 CANDLEPOWER	1003
39	CABINET / WARDROBE LIGHT	5W	7575
40	UNDER BUNK LIGHT	21 CP/2(12CP)	577/211
41	ACCENT LIGHT	2(12CP)	211
42	DOME LIGHT	15 WATT	F15T8-CW
43	SLEEPER FLOOR LIGHT	4CP	W5W
44	HEATER AND AIR CONDITIONER CONTROL	3 CANDLEPOWER	168
45	LUGAGE COMPARTMENT LIGHT	6 CANDLEPOWER	99
46	READING LIGHT	15 CANDLEPOWER	1003

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
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Figure 289 Lamp Bulb Chart

15.13. EATON AUTO SHIFT, P. 13

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1

EATON AUTO SHIFT

J1 EATON XMSN HARNESS (EATON SUPPLIED)		
Term #	DESCRIPTION	NOTES
A1	RAIL SELECT SENSOR	
A2	RAIL SELECT SENSOR	
A3	RAIL SELECT SENSOR	
B1	GEAR SELECT SENSOR	
B2	GEAR SELECT SENSOR	
B3	GEAR SELECT SENSOR	
D1	OUTPUT SHAFT SPEED SENSOR	
D2	OUTPUT SHAFT SPEED SENSOR	
E1	MAIN SHAFT SPEED SENSOR	FOR 10 AND 18 SPEED
E2	MAIN SHAFT SPEED SENSOR	FOR 10 AND 18 SPEED
F1	RANGE VALVE	FOR 10 AND 18 SPEED
F2	RANGE VALVE	FOR 10 AND 18 SPEED
F3	RANGE VALVE	FOR 10 AND 18 SPEED
G1	SPLITTER VALVE	FOR 18 SPEED ONLY
G2	SPLITTER VALVE	FOR 18 SPEED ONLY
G3	SPLITTER VALVE	FOR 18 SPEED ONLY
H1	INERTIA BRAKE	WITH 6 AND 7 SPEED, OPTIONAL WITH 10 AND 18 SPEED
H2	INERTIA BRAKE	WITH 6 AND 7 SPEED, OPTIONAL WITH 10 AND 18 SPEED
J1	INPUT SHAFT SPEED SENSOR	
J2	TORQUE CONVERTER	18 SPEED AST
J3	TORQUE CONVERTER	18 SPEED AST
K1	INPUT SHAFT SPEED SENSOR	
K2	TORQUE CONVERTER	18 SPEED AST
K3	TORQUE CONVERTER	18 SPEED AST
J2 VEHICLE INTERFACE HARNESS		
Term #	DESCRIPTION	NOTES
A1	BATTERY (+)	
A2	ATA + (1587)	
A3	GROUND	
B1	TRANSMISSION BATTERY (+)	
B2	ATA - (1587)	
B3	GROUND	
C1	EATON PROPRIETARY LINK (EPL +)	
C2	EATON PROPRIETARY LINK (EPL -)	
C3	EATON PROPRIETARY LINK (EPL SHEILD)	
D1	AUX SPEED 1 +	
D2	AUX SPEED 1 -	
D3	AUX INPUT 2	INPUT, LOW SIDE
E1	BATTERY (+)	
E2	TRANSMISSION BATTERY (+)	
E3	AUX INPUT 2	RETURN
F1	AUX INPUT 1	INPUT, LOW SIDE
F2	AUX INPUT 1	RETURN
F3	AUX OUTPUT 1	OUTPUT, LOW SIDE DRIVER

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
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Figure 290 Eaton Auto Shift

15.14. EATON AUTO SHIFT, P. 14

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1

EATON AUTO SHIFT (CONT..)

J3 POWER AND MOTOR CONNECTORS (EATON SUPPLIED)		
Term #	DESCRIPTION	DESCRIPTION
J3-B1	MAIN POWER +	MAIN POWER +
J3-A1	MAIN POWER -	
J3-B2	RAIL SELECT MOTOR +	
J3-A2	RAIL SELECT MOTOR -	
J3-B3	GEAR SELECT MOTOR +	
J3-A3	GEAR SELECT MOTOR -	

J1 SHIFT CONTROL CONNECTOR		
Term #	DESCRIPTION	NOTES
A1	AUX INPUT/OUTPUT 3	I/O, LOW SIDE DRIVER
A2	START ENABLE LATCH	
A3	START ENABLE RELAY (-)	
B1	AUX INPUT 5	RETURN
B2	ATA + (1587)	
B3	VDASH	
C1	IGNITION	
C2	ATA - (1587)	
C3	START ENABLE RELAY (+)	
D1	AUX INPUT 5	INPUT, LOW SIDE
D2	AUX INPUT 6	INPUT, LOW SIDE
D3	AUX OUTPUT 3	OUTPUT, LOW SIDE DRIVER
E1	GEAR DISPLAY CLOCK	
E2	GEAR DISPLAY DATA	
E3	GEAR DISPLAY	
F1	EATON PROPRIETARY LINK (EPL +)	
F2	EATON PROPRIETARY LINK (EPL -)	
F3	EATON PROPRIETARY LINK (EPL SHEILD)	
G1	J1939 (+)	
G2	J1939 (-)	
G3	J1939 SHIELD	
H1	AUX INPUT 6	RETURN
H2	AUX OUTPUT 2	OUTPUT, HI/LO SIDE DRIVER
H3	AUX INPUT/OUTPUT 4	I/O, LOW SIDE DRIVER
J1	BATTERY (+)	
J2	TRANSMISSION BATTERY (+)	
J3	GROUND	
K1	BATTERY (+)	
K2	TRANSMISSION BATTERY (+)	
K3	GROUND	

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	INSTRUCTIONS AND CHARTS FOR ALL MODELS		
					RELEASE NO.	DATE	PART NO.	SHEET
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Figure 291 Eaton Auto Shift

15.15. 31–PIN OEM CONNECTOR INTERFACE, P. 15

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1

31 PIN OEM CONNECTOR INTERFACE

31-PIN OEM CONNECTOR INTERFACES		
PIN	PINOUT TYPE	SIGNAL NAME
1	5V SENSOR VOLTAGE SOURCE	NOT USED
2	RATIOMETRIC ANALOG INPUT	NOT USED
3	ECM SWITCH RETURN	IS TEMP RETURN
4	RESISTIVE ANALOG INPUT	IS TEMPERATURE
5	5V SWITCHED PULLUP INPUT	COOLANT DETECTED
6	5V SWITCHED PULLUP INPUT	COOLANT NOT DETECTED
7	5V SENSOR VOLTAGE SOURCE	COOLANT LEVEL SUPPLY
8	SWITCHED SOURCE DRIVER OUTPUT	TOP2 SHIFT SOLENOID
9	SWITCHED SOURCE DRIVER OUTPUT	TOP2 LOCKOUT SOLENOID
10	SWITCHED SOURCE DRIVER OUTPUT	NOT USED
11	ECM SOLENOID RETURN	TOP2 RETURN
12	SWITCHED SOURCE DRIVER OUTPUT	FAN 1 ON/OFF
		FAN 1 VARIABLE
	SELECTABLE PINOUT	FAN 1 HIGH/LOW/OFF #1
13	ECM SOLENOID RETURN	FAN SIGNAL RETURN
14	5V SENSOR VOLTAGE SOURCE	NOT USED
15	HALL EFFECT INPUT	TACHOGRAPH
16	ECM SWITCH RETURN	NOT USED
17	10V SWITCHED PULLUP INPUT	AC PRESSURE SWITCH
18	ECM SWITCH RETURN	AC PRESSURE RETURN
19	ECM SWITCH RETURN	COOLANT LEVEL RETURN
20	SWITCHED SINK DRIVER OUTPUT	STARTER LOCKOUT RELAY
	RECONFIGURABLE PINOUT	ICON STARTER RELAY LOW
		AUTOSTART INTERLOCK OUT
21	VARIABLE RELUCTANCE INPUT (+)	MAGNETIC PICKUP VSS (+)
		MECHANICAL VSS (+)
22	VARIABLE RELUCTANCE INPUT (-)	MAGNETIC PICKUP VSS (-)
		MECHANICAL VSS (-)
		DIGITAL VSS
23	RESISTIVE ANALOG INPUT	NOT USED
24	ECM SWITCH RETURN	ALTERNATE RETURN
25	10V SWITCHED PULLUP INPUT	REMOTE OIL LEVEL SWITCH
26	NO CONNECTION	NOT USED
27	SWITCHED SOURCE DRIVER OUTPUT 1	ICON STARTER RELAY HIGH
28	ECM SWITCH RETURN	ALARM RETURN
29	SWITCHED SOURCE DRIVER OUTPUT	FAN 1 HIGH/LOW/OFF #2
SELECTABLE PINOUT		
		FAN 2 ON/OFF
		FAN 2 VARIABLE
	RECONFIGURABLE PINOUT	ALARM
30	5V SWITCHED PULLUP INPUT	TORQUE LIMIT SWITCH
31	5V SWITCHED PULLUP INPUT	NOT USED
ENGINE BRAKE RELAY CONNECTOR INTERFACES		
PIN	PINOUT TYPE	SIGNAL NAME
1	SWITCHED SOURCE DRIVER OUTPUT	ENGINE BRAKE RELAY
2	ECM SOLENOID RETURN	ENGINE BRAKE RELAY RETURN

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	INSTRUCTIONS AND CHARTS FOR ALL MODELS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52470	SHEET 15

Figure 292 31–Pin OEM Connector Interface

15.16. 31–PIN OEM CONNECTOR INTERFACE, P. 16

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1

31-PIN OEM CONNECTOR INTERFACE (CONT..)

WIF SENSOR CONNECTOR INTERFACES		
PIN	PINOUT TYPE	SIGNAL NAME
1	ECM SWITCH RETURN	WIF SENSOR RETURN
2	WIF RESISTIVE ANALOG INPUT	WIF SENSOR
E-GOVERNOR CONNECTOR INTERFACES		
PIN	PINOUT TYPE	SIGNAL NAME
1	5V SENSOR VOLTAGE SOURCE	WET TANK SUPPLY
2	ECM SWITCH RETURN	WET TANK SUPPLY RETURN
3	RATIOMETRIC ANALOG INPUT	WET TANK PRESSURE
4	JUMPERED TO 3113-27)	ICON STARTER RELAY HIGH
5	SWITCHED SOURCE DRIVER OUTPUT	E-GOVERNOR VALVE
	RECONFIGURABLE PINOUT	ICON STARTER RELAY HIGH
6	ECM SOLENOID RETURN THERMOSTAT	E-GOVERNOR VALVE RETURN
CONNECTOR 1 INTERFACES		
PIN	PINOUT TYPE	SIGNAL NAME
1	THERMOSTAT SUPPLY	THERMOSTAT SUPPLY
2	THERMOSTAT RETURN	THERMOSTAT RETURN
3	THERMOSTAT SINK DRIVER OUTPUT	THERMOSTAT DATA
4	THERMOSTAT PULLDOWN INPUT	THERMOSTAT ENABLE
THERMOSTAT CONNECTOR 2 INTERFACES		
PIN	PINOUT TYPE	SIGNAL NAME
1	THERMOSTAT ANALOG INPUT HIGH	ICON TEMPERATURE
2	NO CONNECTION	NOT USED
3	THERMOSTAT ANALOG INPUT LOW	ICON TEMP RETURN

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	INSTRUCTIONS AND CHARTS FOR ALL MODELS		
					RELEASE NO.	DATE	PART NO.	SHEET
					59381N	04OCT05	AE08-52470	16

Figure 293 31–Pin OEM Connector Interface

15.17. ABS ECU PIN CONFIGURATION, P. 17

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1

ABS ECU PIN CONFIGURATION

30 PIN CONNECTOR	
PIN NUMBER	DESCRIPTION
A1	GROUND
A2	GROUND
A3	GROUND
B1	BATTERY
B2	J1922 A1
B3	J1922 B1
C1	RIGHT FRONT MODULATOR COMMON
C2	TRACTION CONTROL WARNING LAMP
C3	J1939 HIGH
D1	RIGHT FRONT MODULATOR HOLD
D2	J1939 SHIELD
D3	J1939 LOW
E1	RIGHT FRONT MODULATOR EXHAUST
E2	TRAILER ABS WARNING LAMP
E3	ABS WARNING LAMP
F1	LEFT FRONT MODULATOR EXHAUST
F2	TRACTION ENABLE/DISABLE SWITCH
F3	BLINK CODE SWITCH
G1	LEFT FRONT MODULATOR HOLD
G2	J1587 A
G3	J1587 B
H1	LEFT FRONT MODULATOR COMMON
H2	RIGHT FRONT WHEEL SPEED SENSOR SIGNAL
H3	RIGHT FRONT WHEEL SPEED SENSOR RETURN
J1	LEFT FRONT WHEEL SPEED SENSOR SIGNAL
J2	LEFT FRONT WHEEL SPEED SENSOR RETURN
J3	PLUG
K1	RETARDER DISABLE
K2	BATTERY
K3	BATTERY

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	INSTRUCTIONS AND CHARTS FOR ALL MODELS		
					RELEASE NO.	DATE	PART NO.	SHEET
					59381N	04OCT05	AE08-52470	17

Figure 294 ABS ECU Pin Configuration

15.18. ABS ECU PIN CONFIGURATION, P. 18

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1

ABS ECU PIN CONFIGURATION (CONT..)

18 PIN CONNECTOR	
PIN NUMBER	DESCRIPTION
A1	RIGHT REAR MODULATOR COMMON
A2	PLUG
A3	PLUG
B1	RIGHT REAR MODULATOR HOLD
B2	PLUG
B3	PLUG
C1	RIGHT REAR MODULATOR EXHAUST
C2	PLUG
C3	PLUG
D1	LEFT REAR MODULATOR EXHAUST
D2	TRACTION SOLENOID SOURCE
D3	TRACTION SOLENOID SINK
E1	LEFT REAR MODULATOR HOLD
E2	RIGHT REAR WHEEL SPEED SENSOR SIGNAL
E3	RIGHT REAR WHEEL SPEED SENSOR RETURN
F1	LEFT REAR MODULATOR COMMON
F2	LEFT REAR WHEEL SPEED SENSOR SIGNAL
F3	LEFT REAR WHEEL SPEED SENSOR RETURN

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	INSTRUCTIONS AND CHARTS FOR ALL MODELS		
					RELEASE NO.	DATE	PART NO.	SHEET
					59381N	04OCT05	AE08-52470	18

Figure 295 ABS ECU Pin Configuration

16. 12 VOLT POWER DISTRIBUTION CIRCUIT DIAGRAMS (RHD — CHAPTER 2)

16.1. START FEED, P. 1

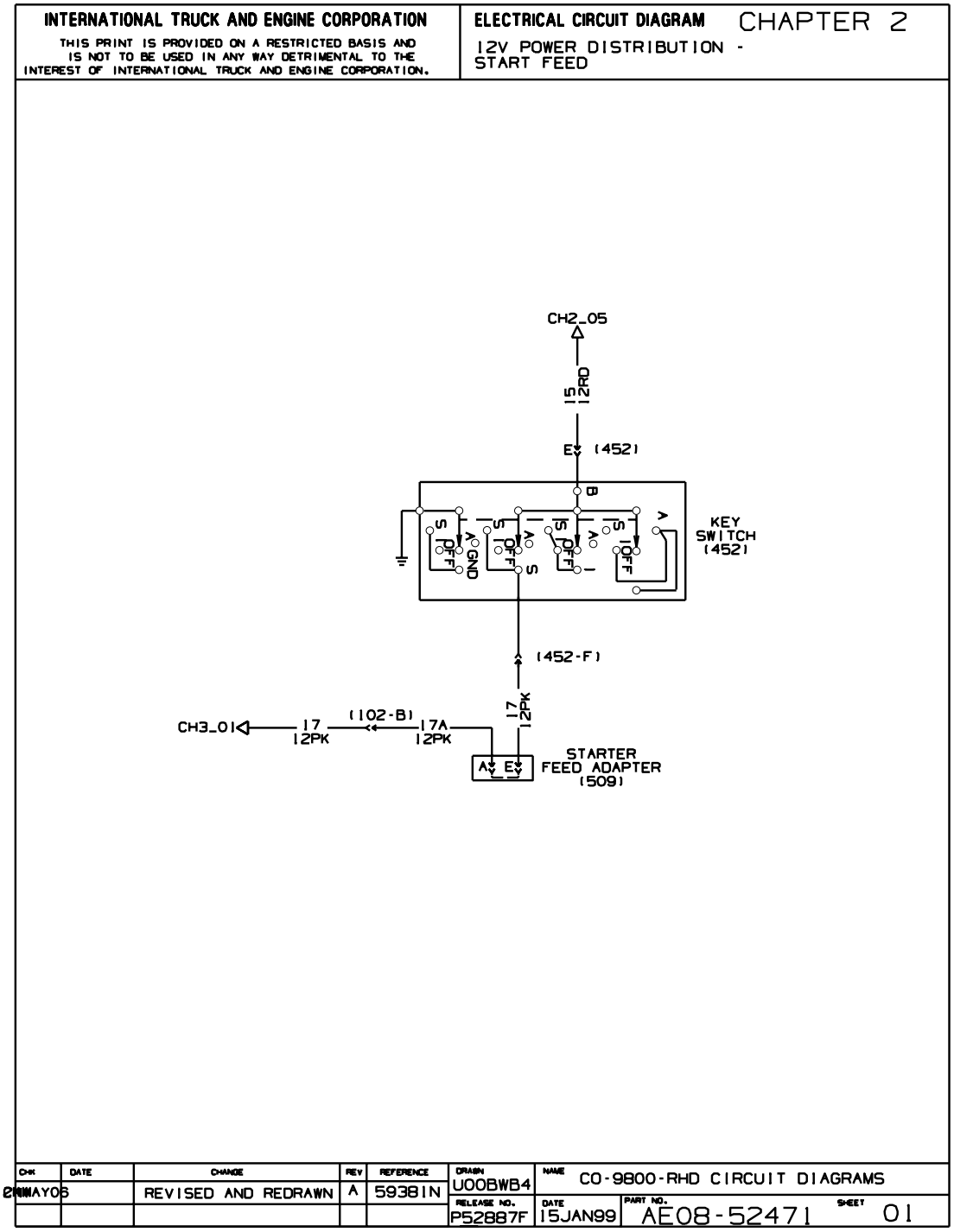

Figure 296 Start Feed

16.2. START FEED, P. 2

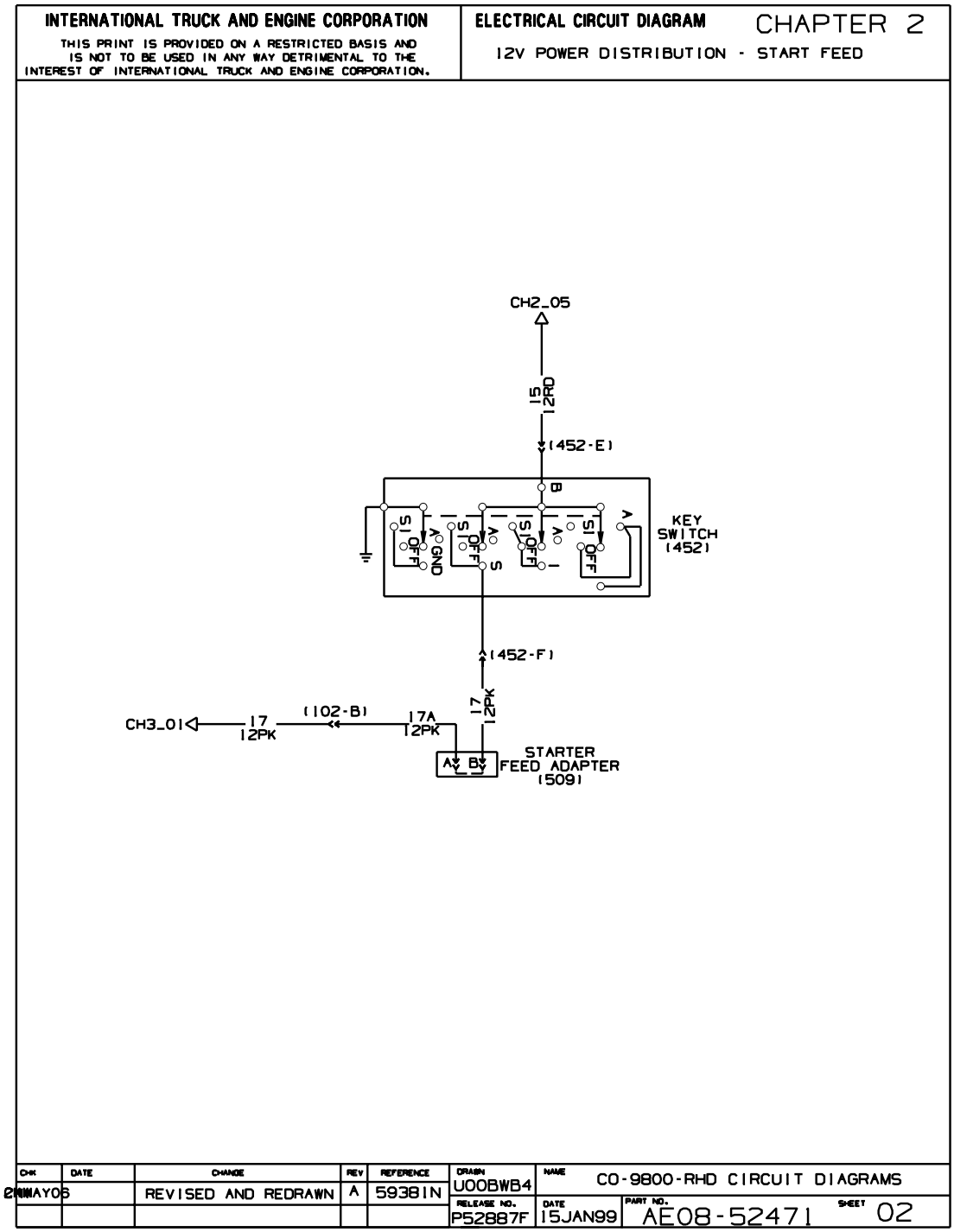

Figure 297 Start Feed

16.3. START FEED WITH EATON TRANSMISSION, P. 3

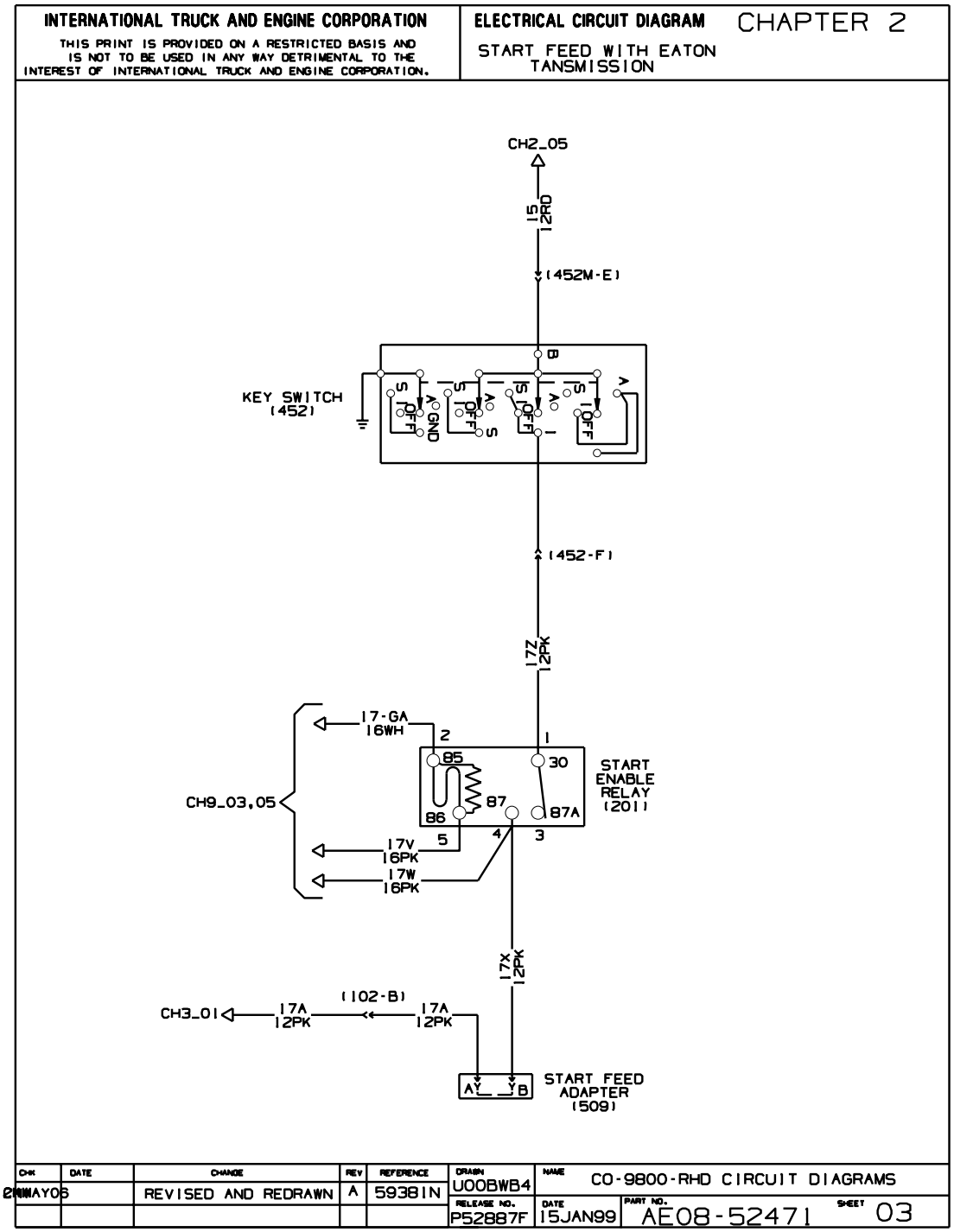

Figure 298 Start Feed with Eaton Transmission

16.4. BATTERY, P. 4

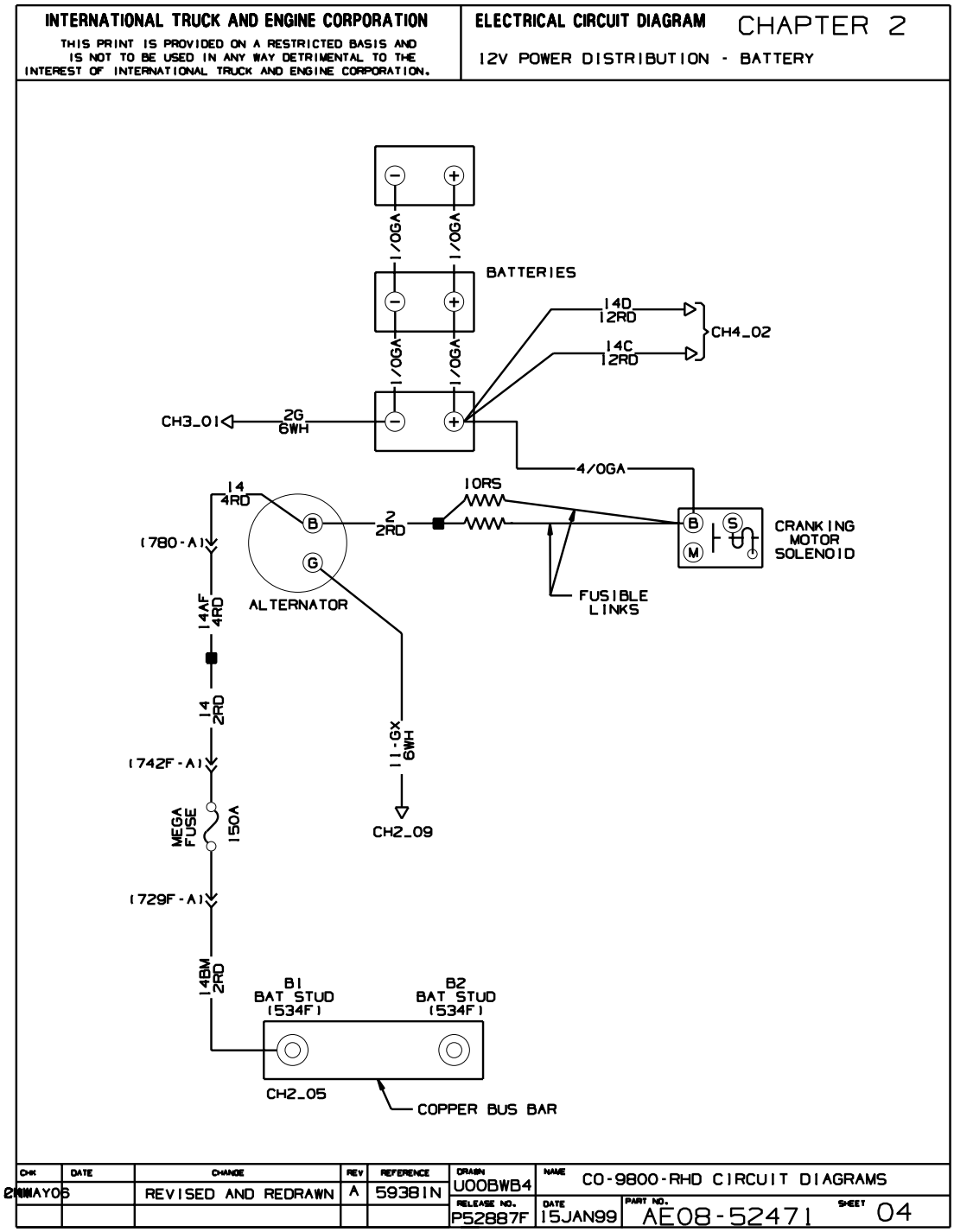

Figure 299 Battery

16.5. BATTERY, B1, P. 5

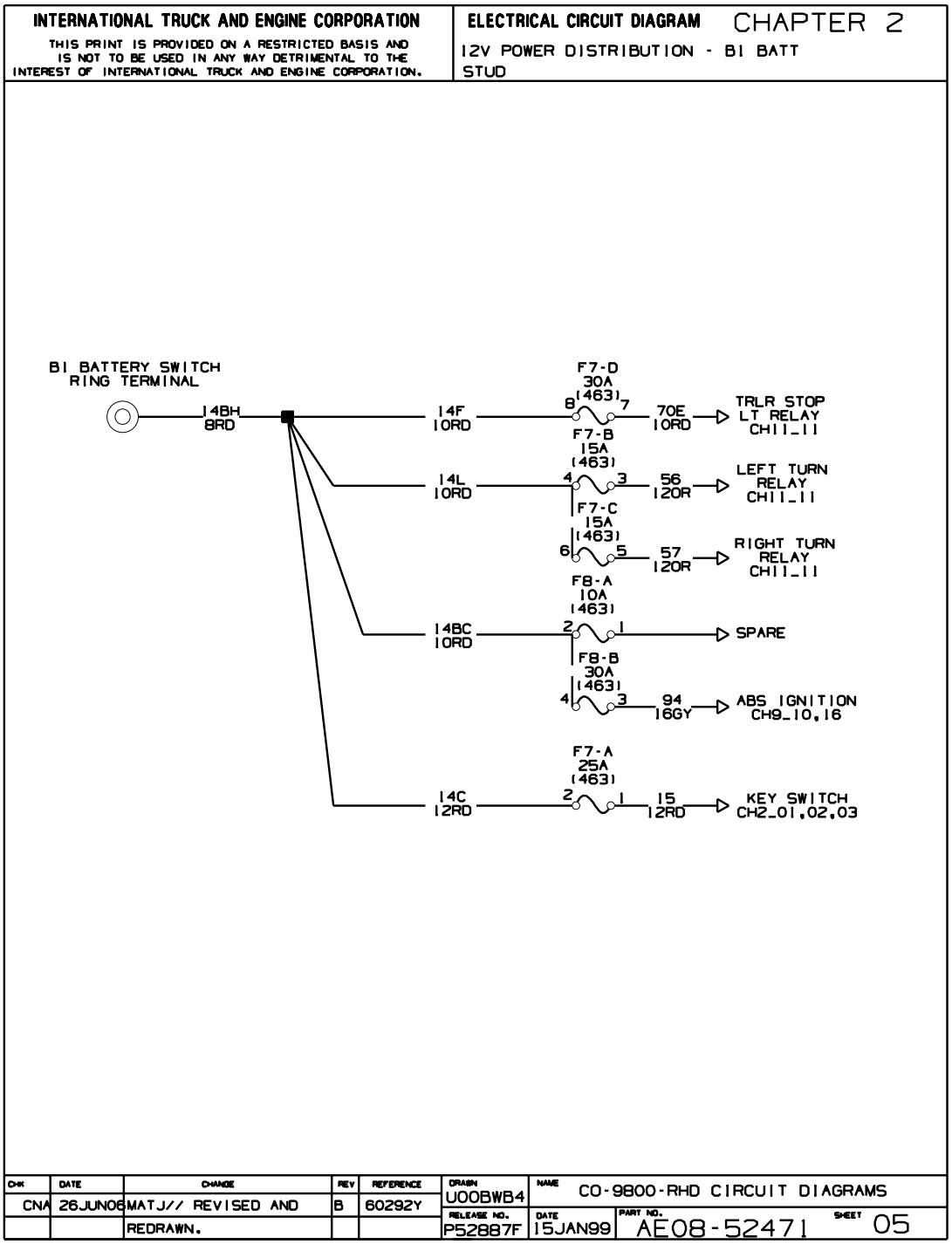

Figure 300 Battery, B1

16.6. BATTERY, B1, P. 6

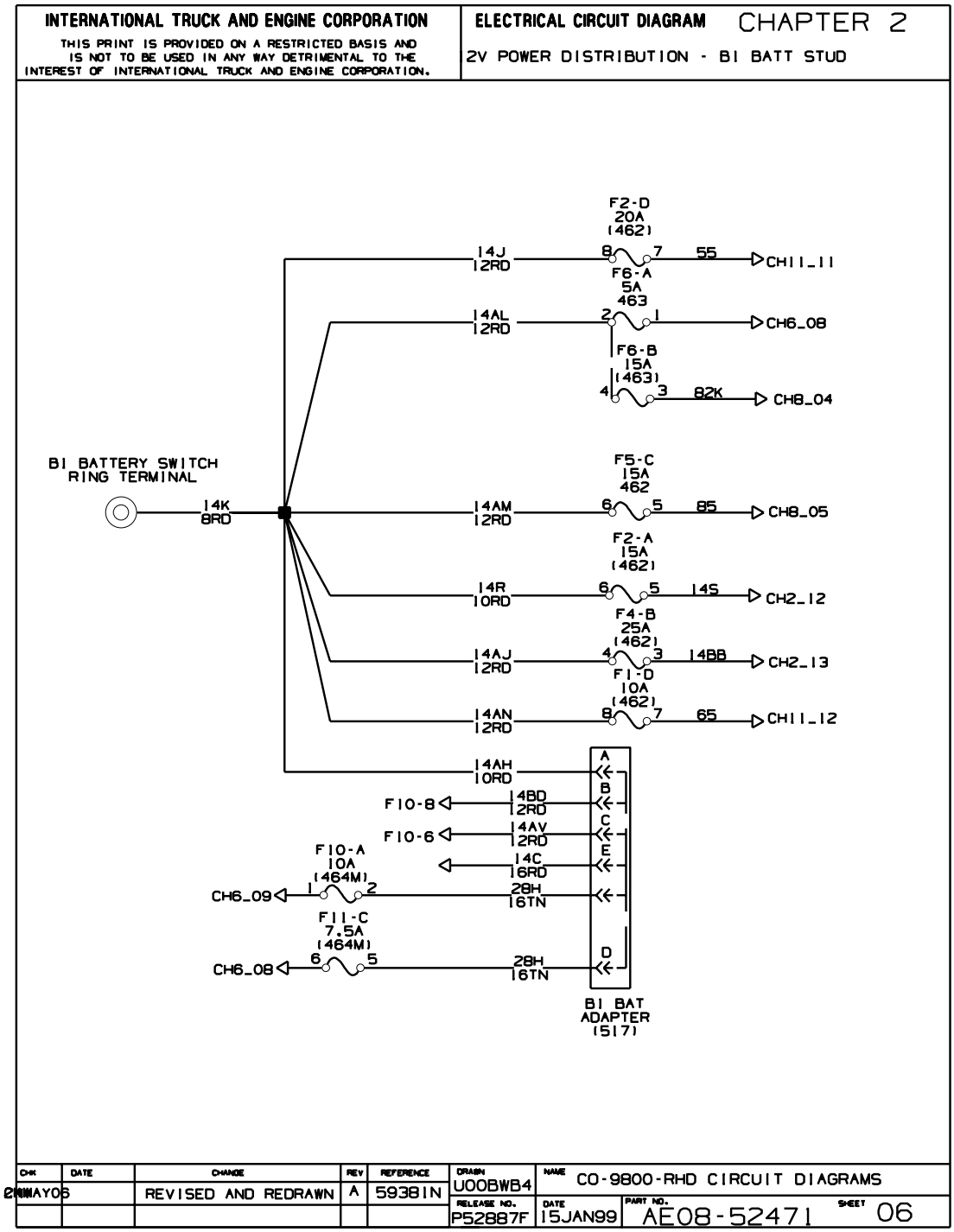

Figure 301 Battery, B1

16.7. BATTERY, B2, P. 7

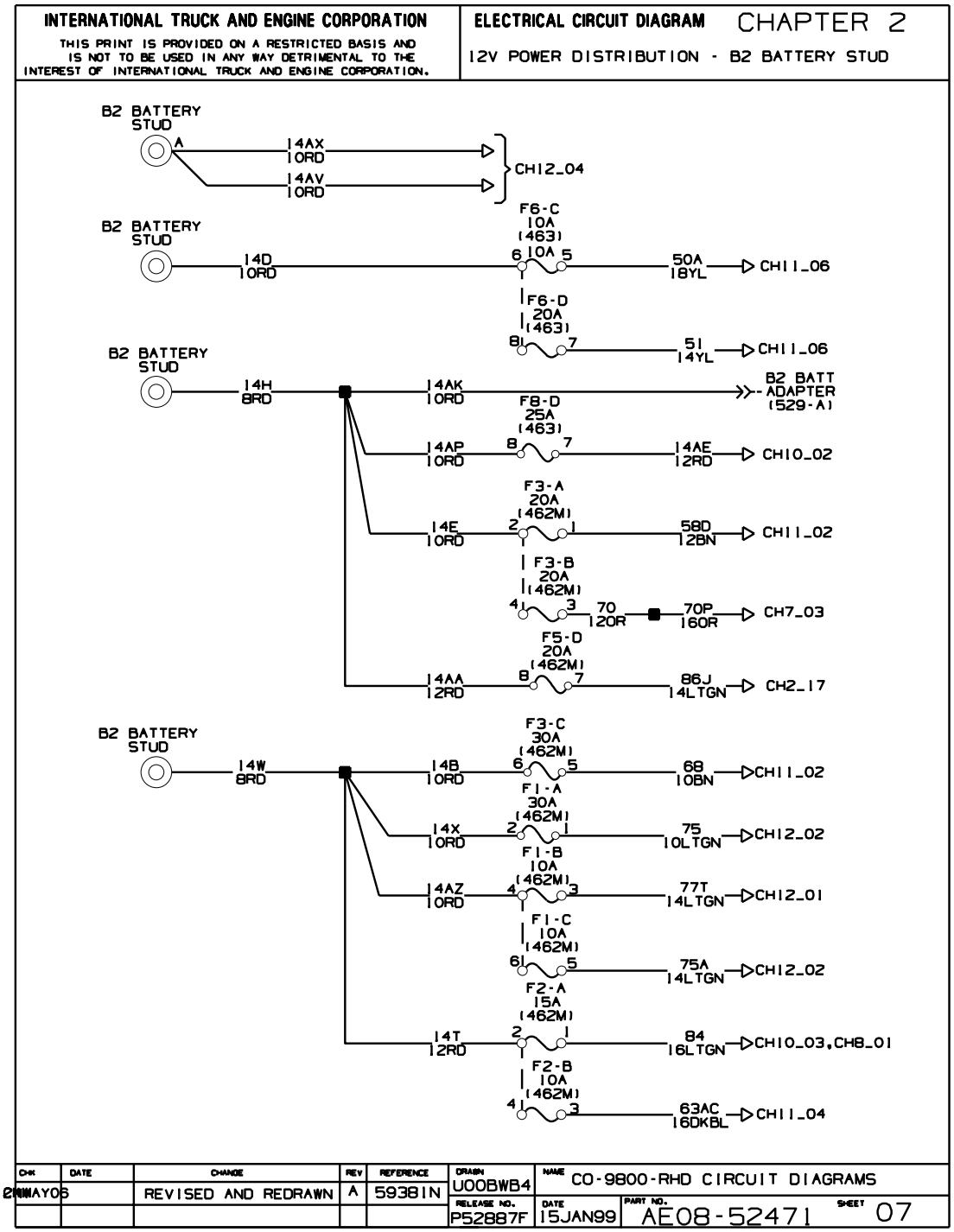

Figure 302 Battery, B2

16.8. GROUND, P. 8

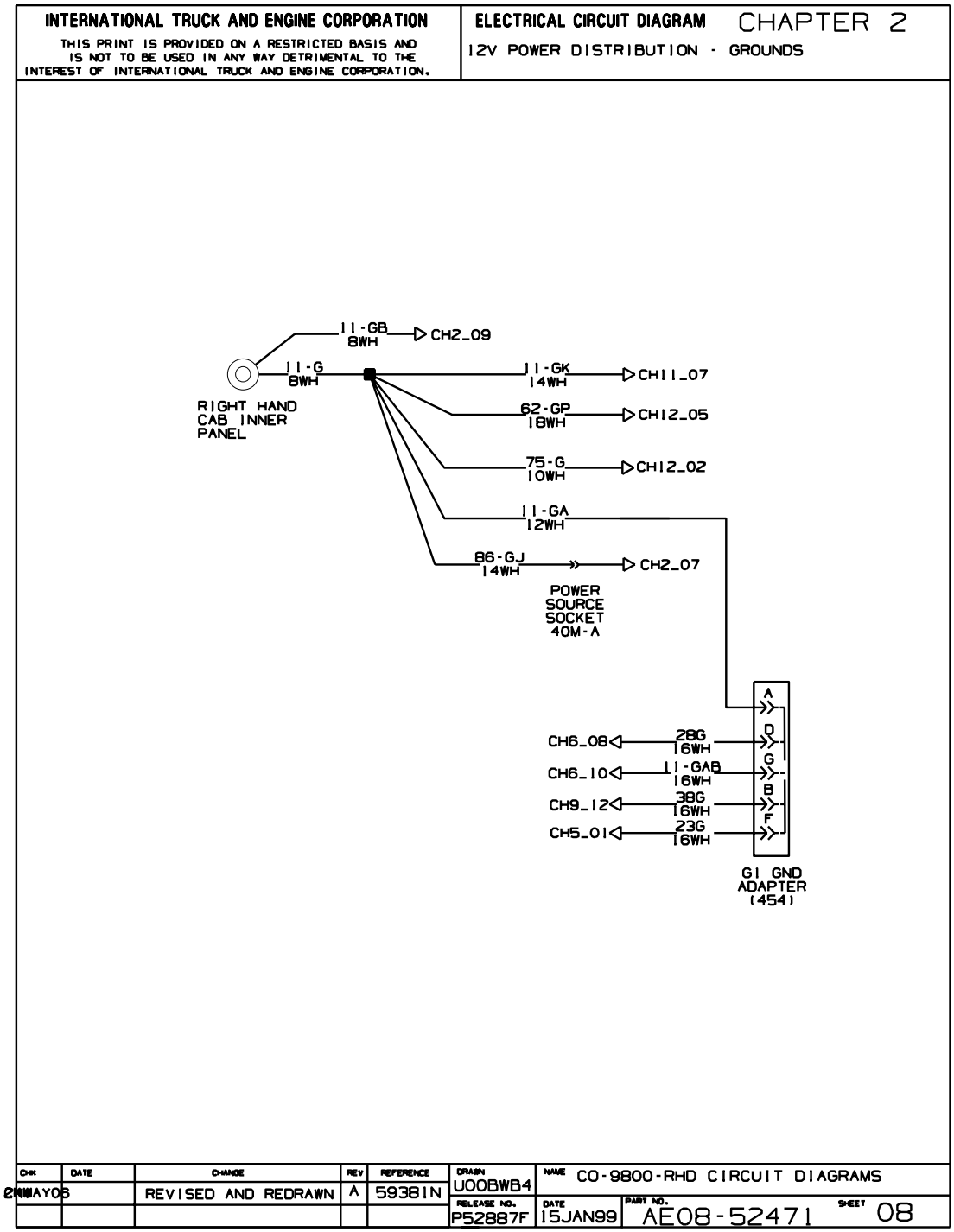

Figure 303 Ground

16.9. GROUND, P. 9

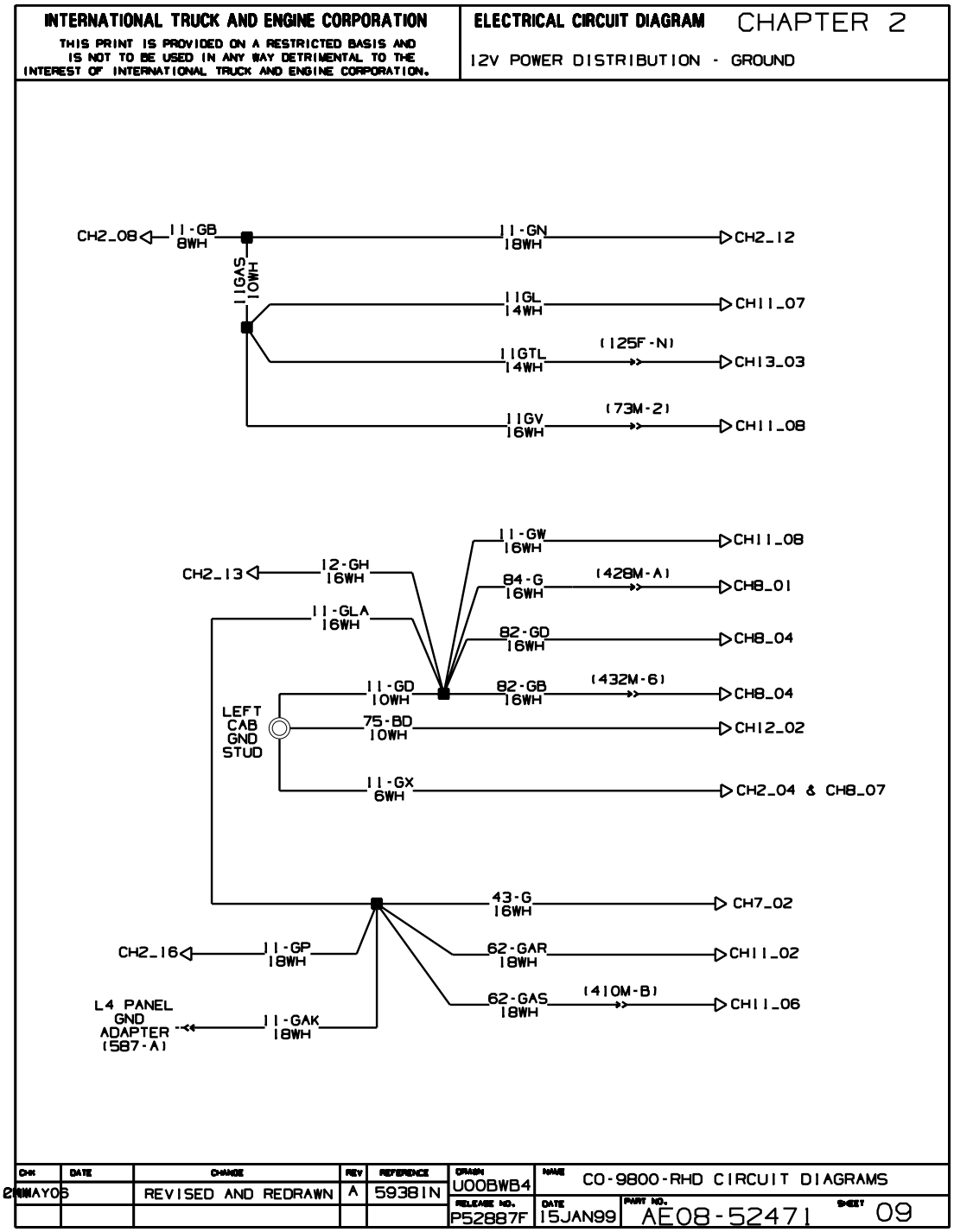

Figure 304 Ground

16.10. GROUNDS, P. 10

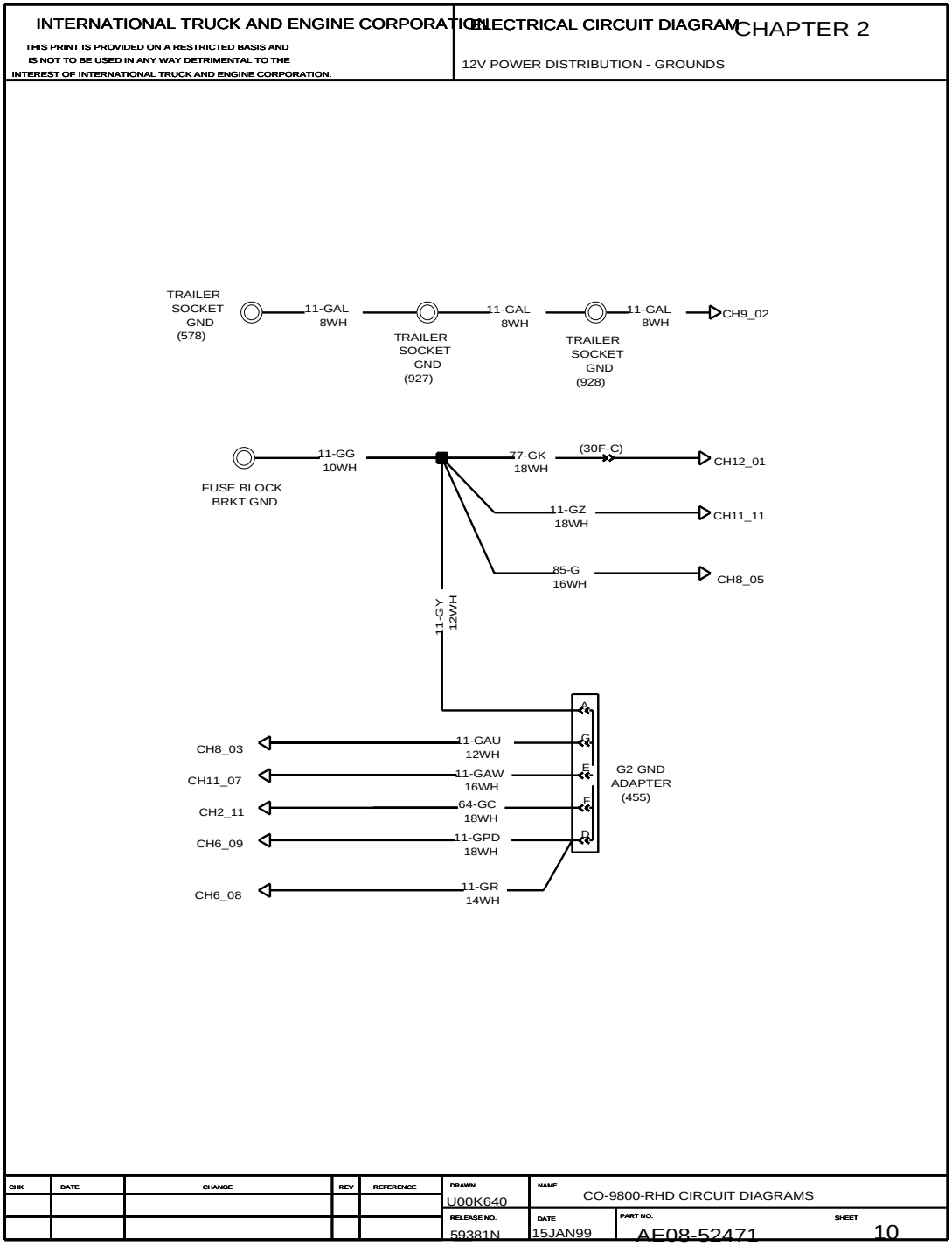

Figure 305 Grounds

16.11. GROUNDS, P. 11

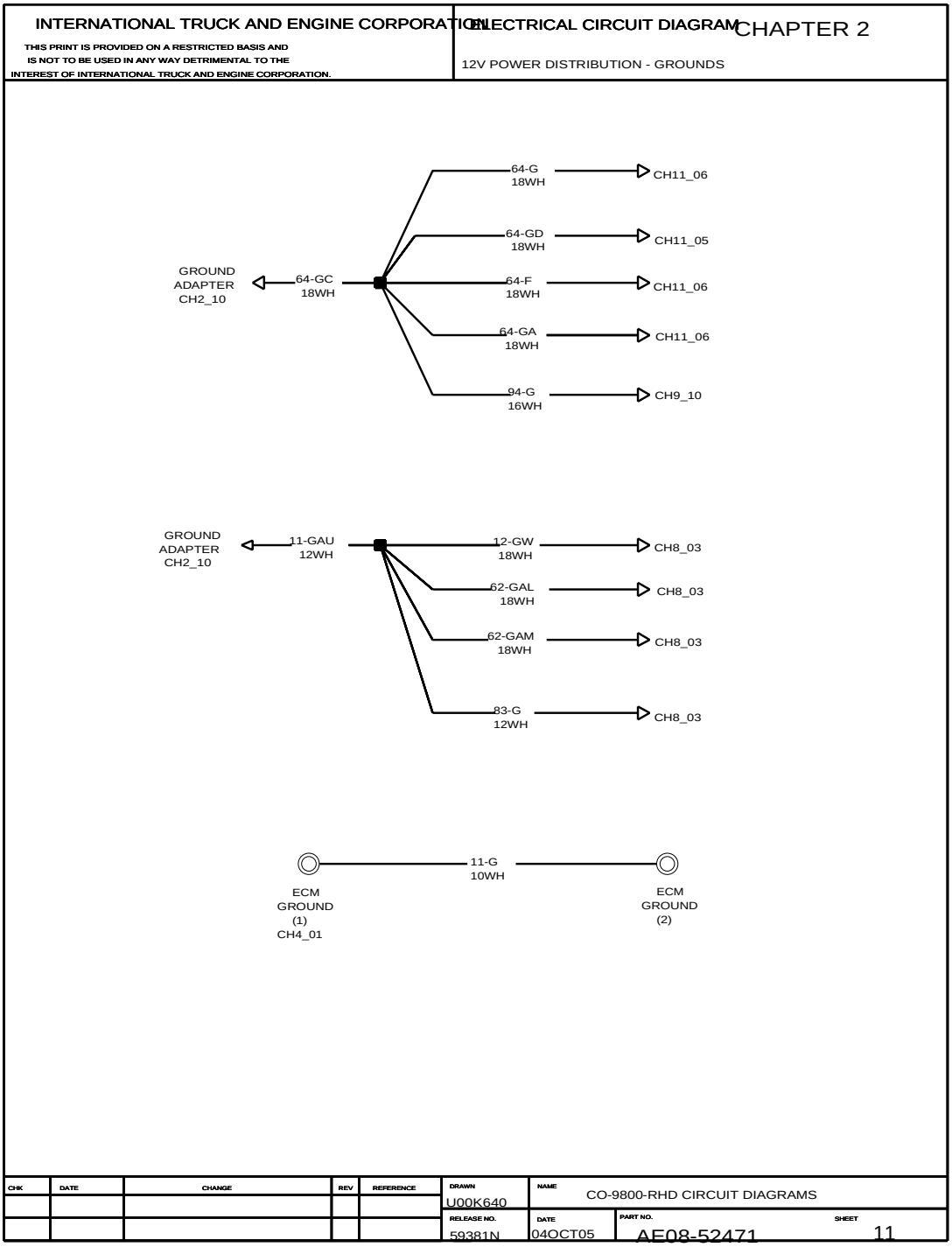

Figure 306 Grounds

16.12. IGNITION, P. 12

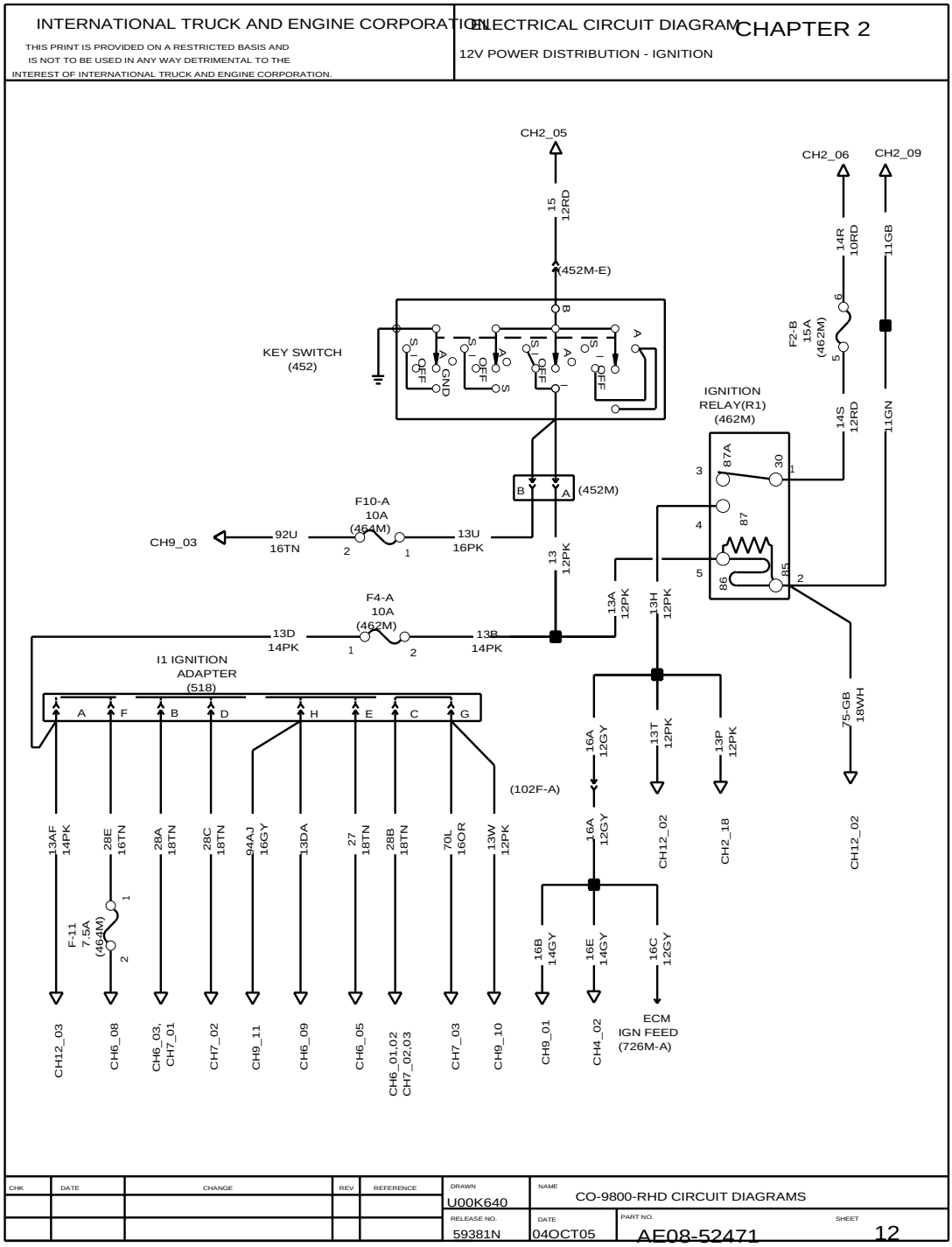

Figure 307 Ignition

16.13. ACCESSORY FEED, P. 13

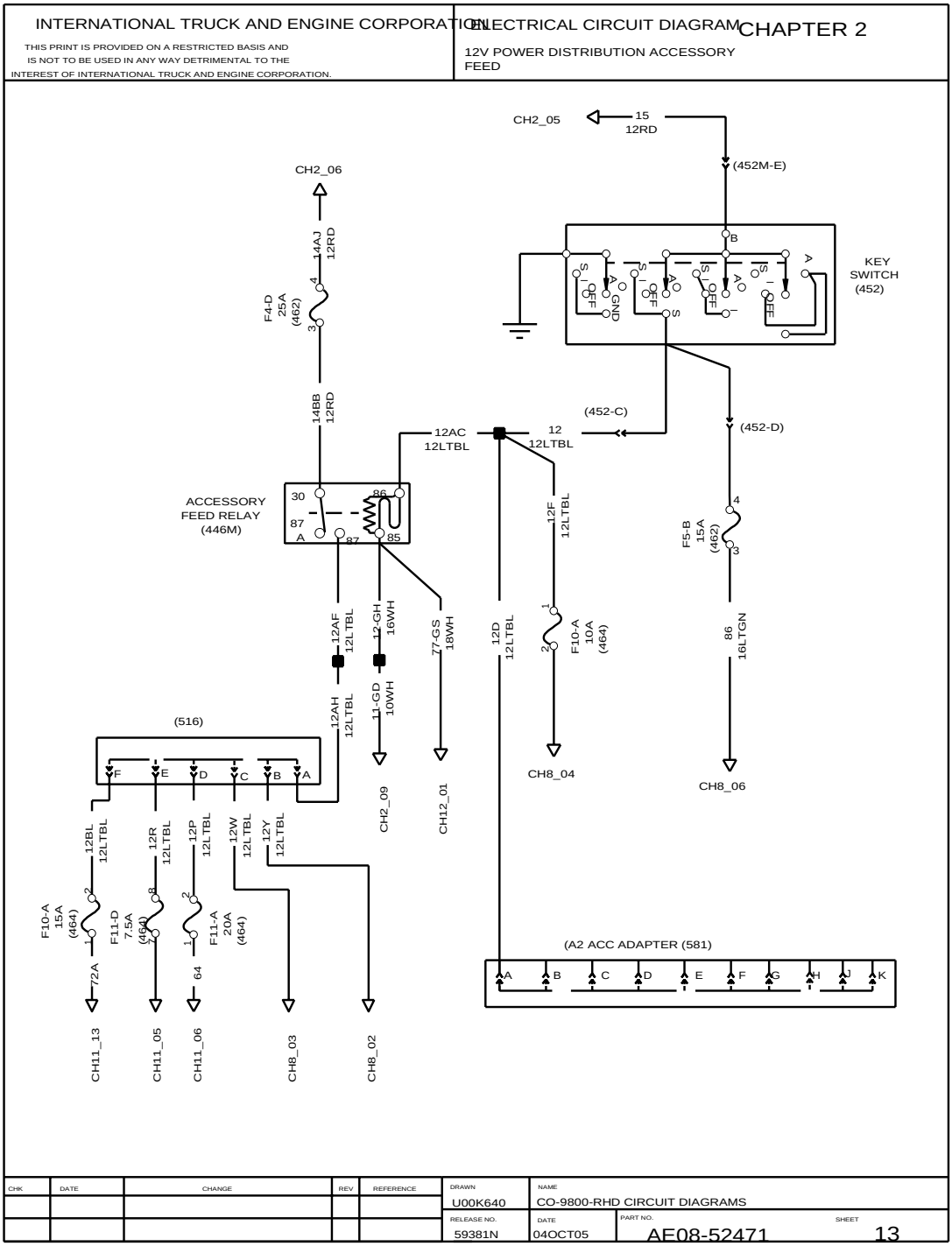

Figure 308 Accessory Feed

16.14. PANEL LIGHT FEED ADAPTER, P. 14

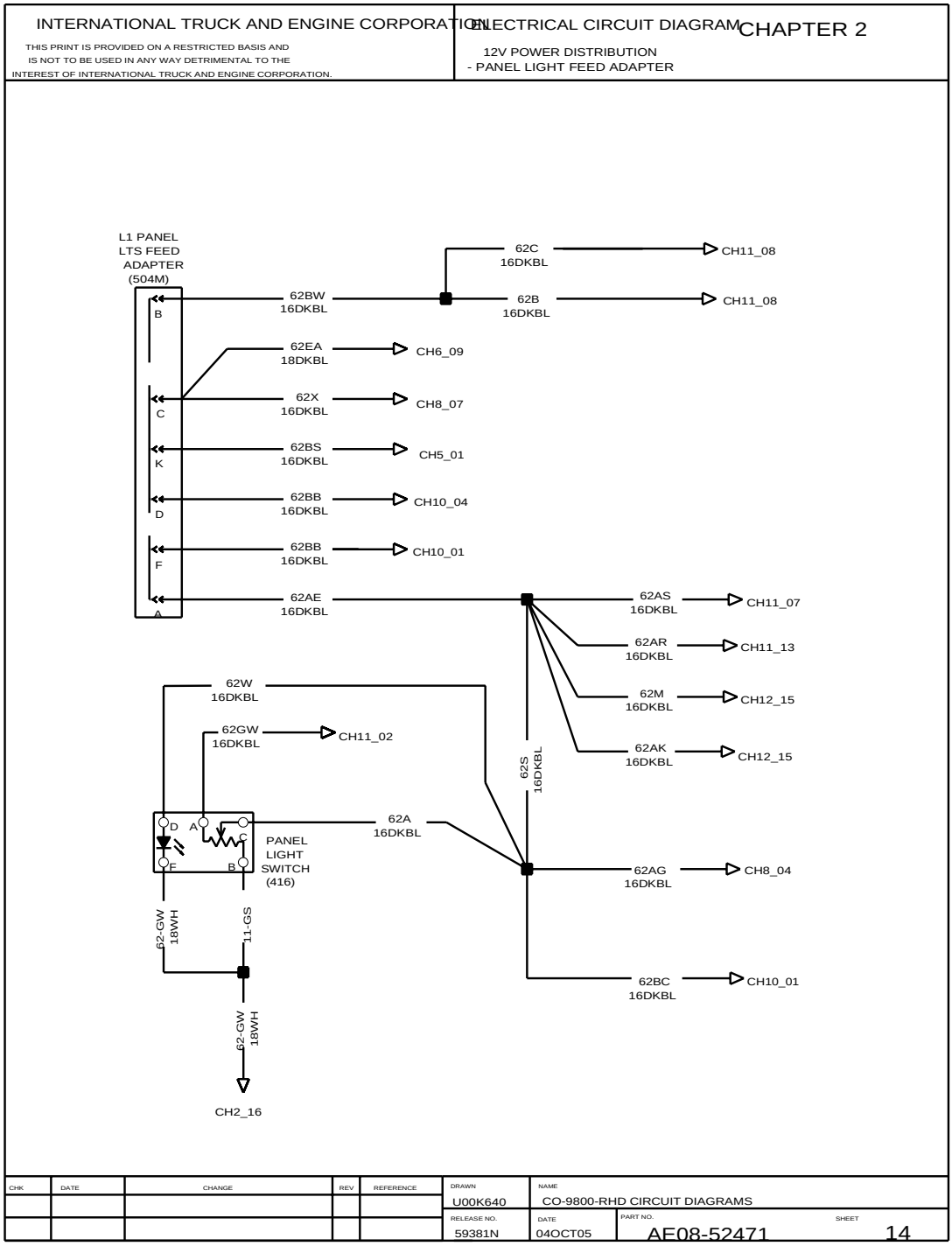

Figure 309 Panel Light Feed Adapter

16.15. PANEL LIGHT FEED ADAPTER, P. 15

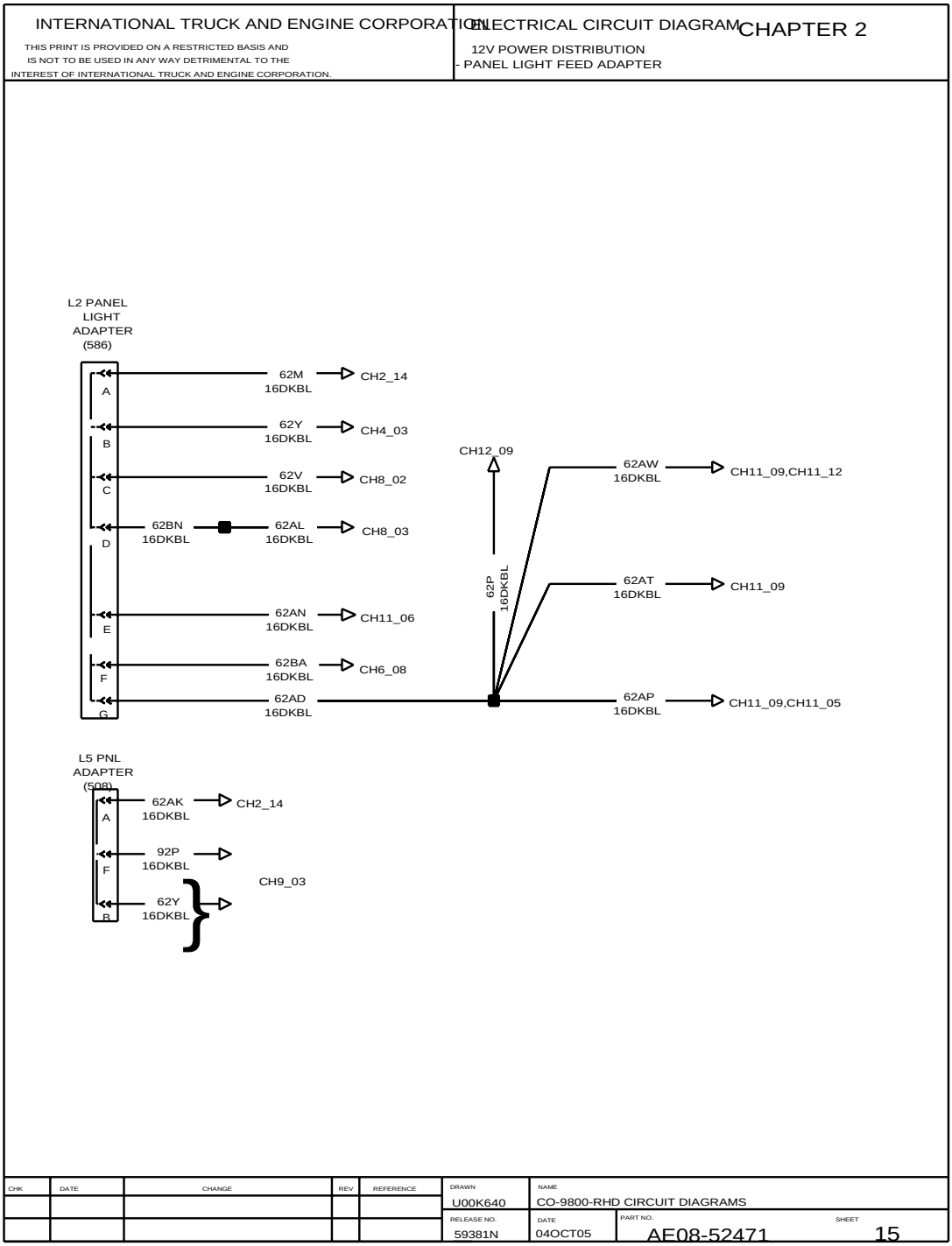

Figure 310 Panel Light Feed Adapter

16.16. PANEL LIGHT GROUND ADAPTER, P. 16

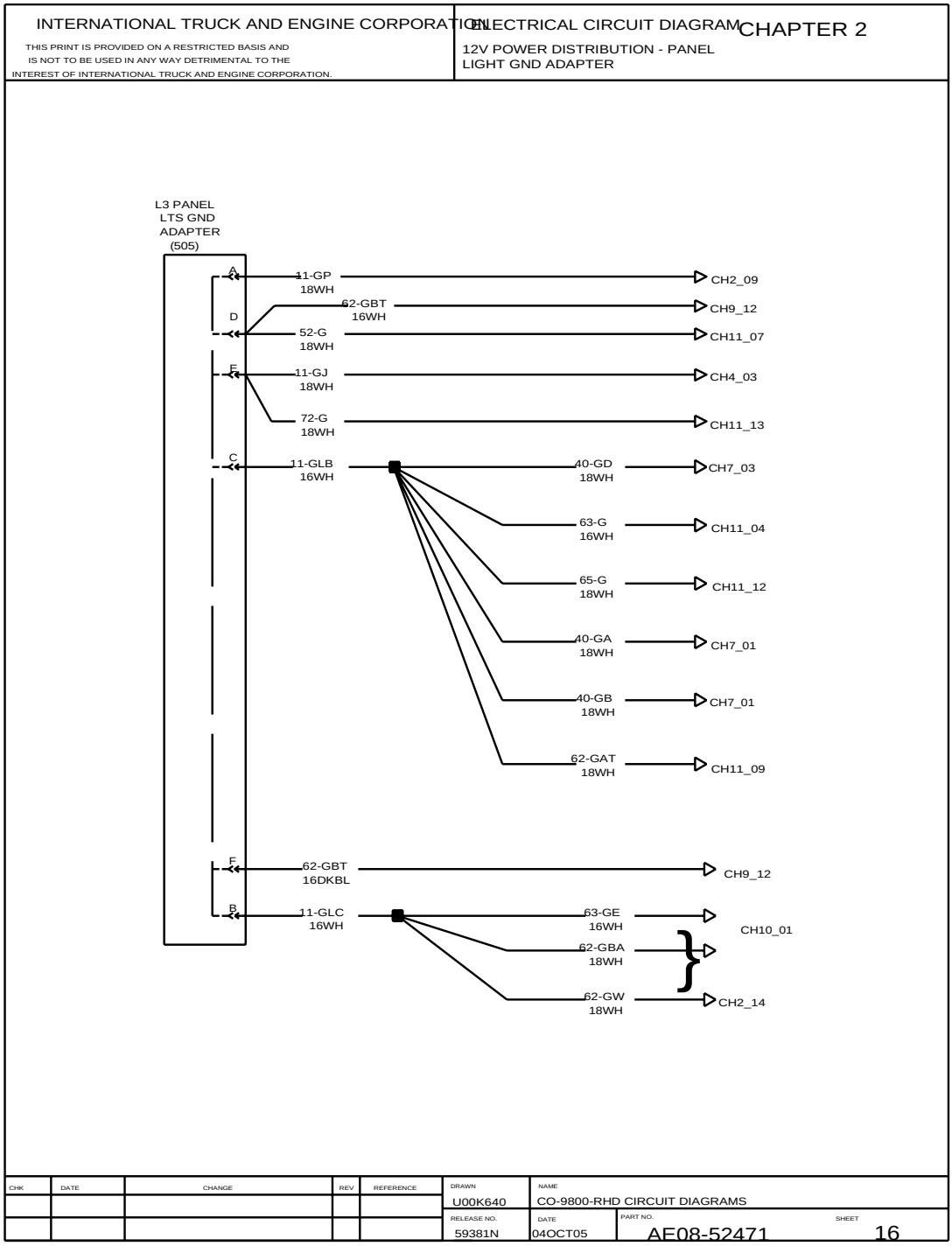

Figure 311 Panel Light Ground Adapter

16.17. POWER SOURCE SOCKET, P. 17

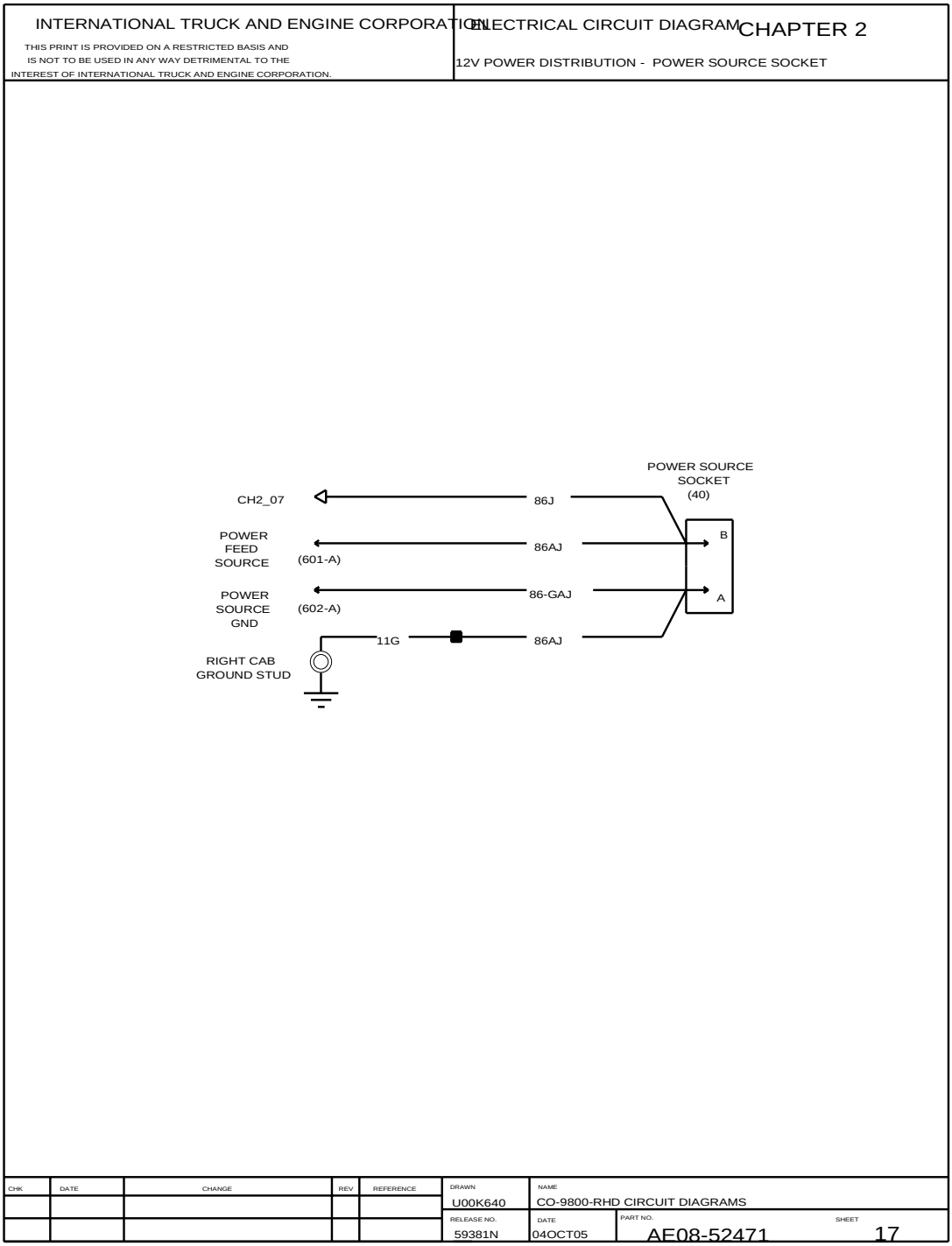

Figure 312 Power Source Socket

16.18. IGNITION FEED, P. 18

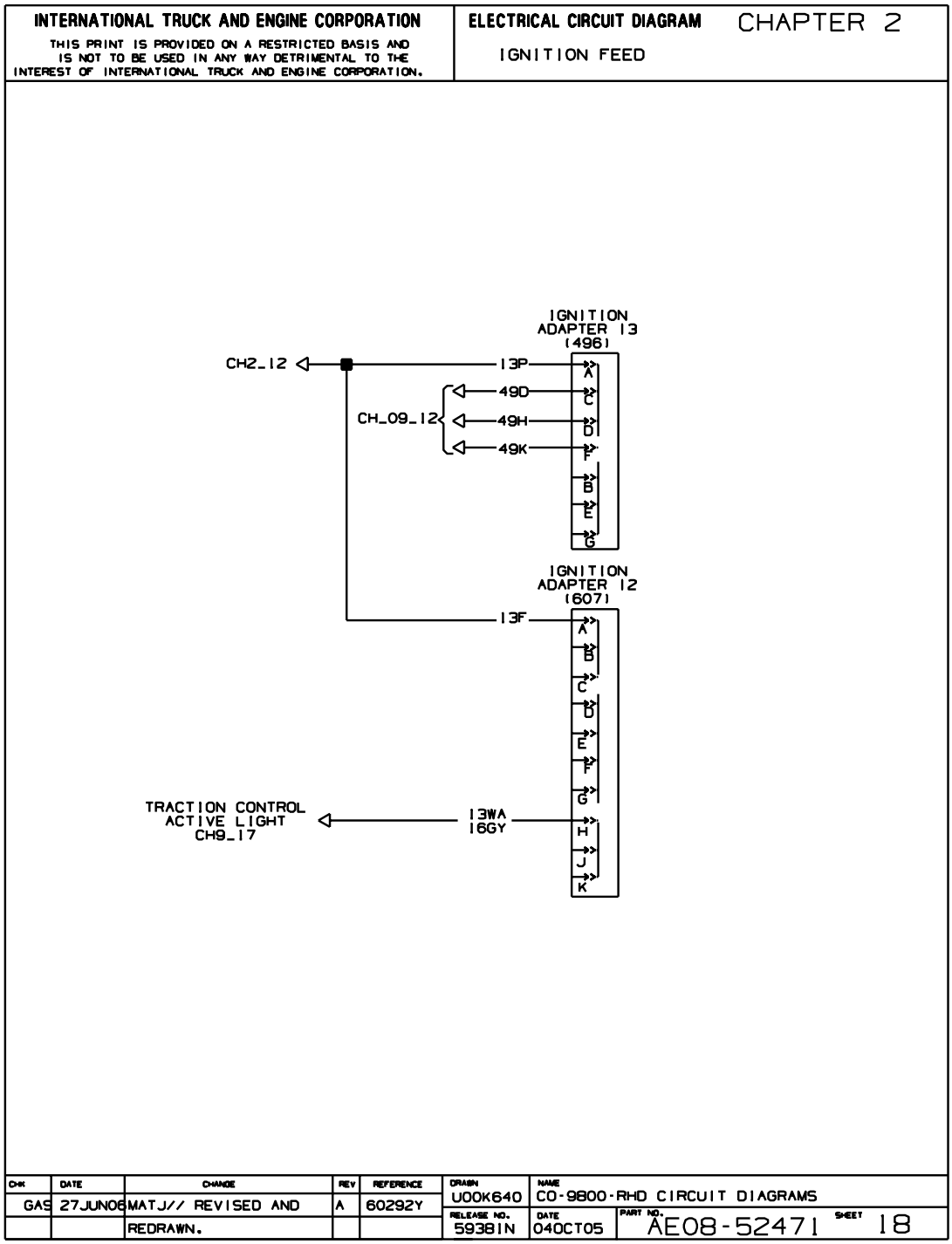

Figure 313 Ignition Feed

16.19. J1939 DATALINK, P. 19

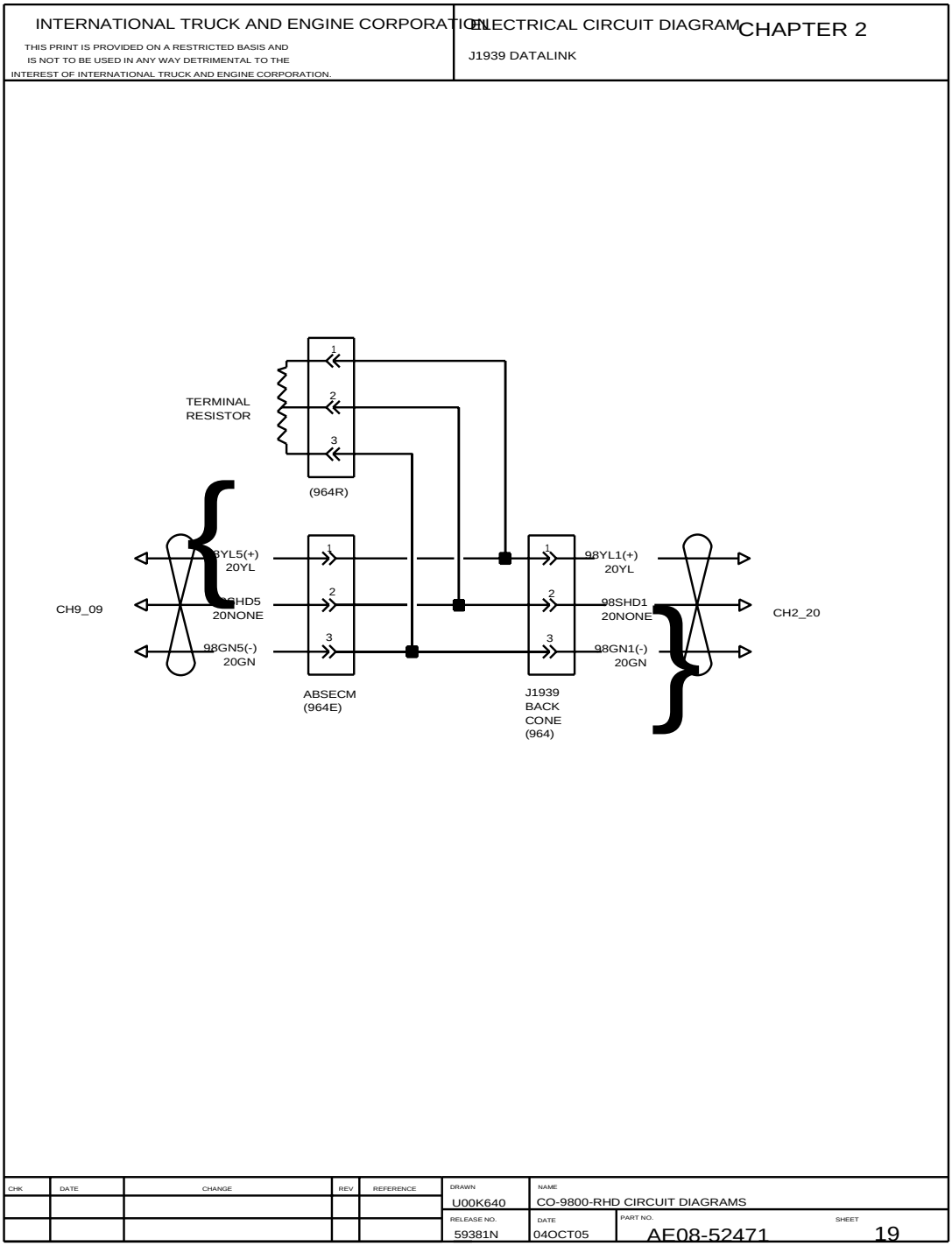

Figure 314 J1939 Datalink

16.20. J1939 DATALINK, P. 20

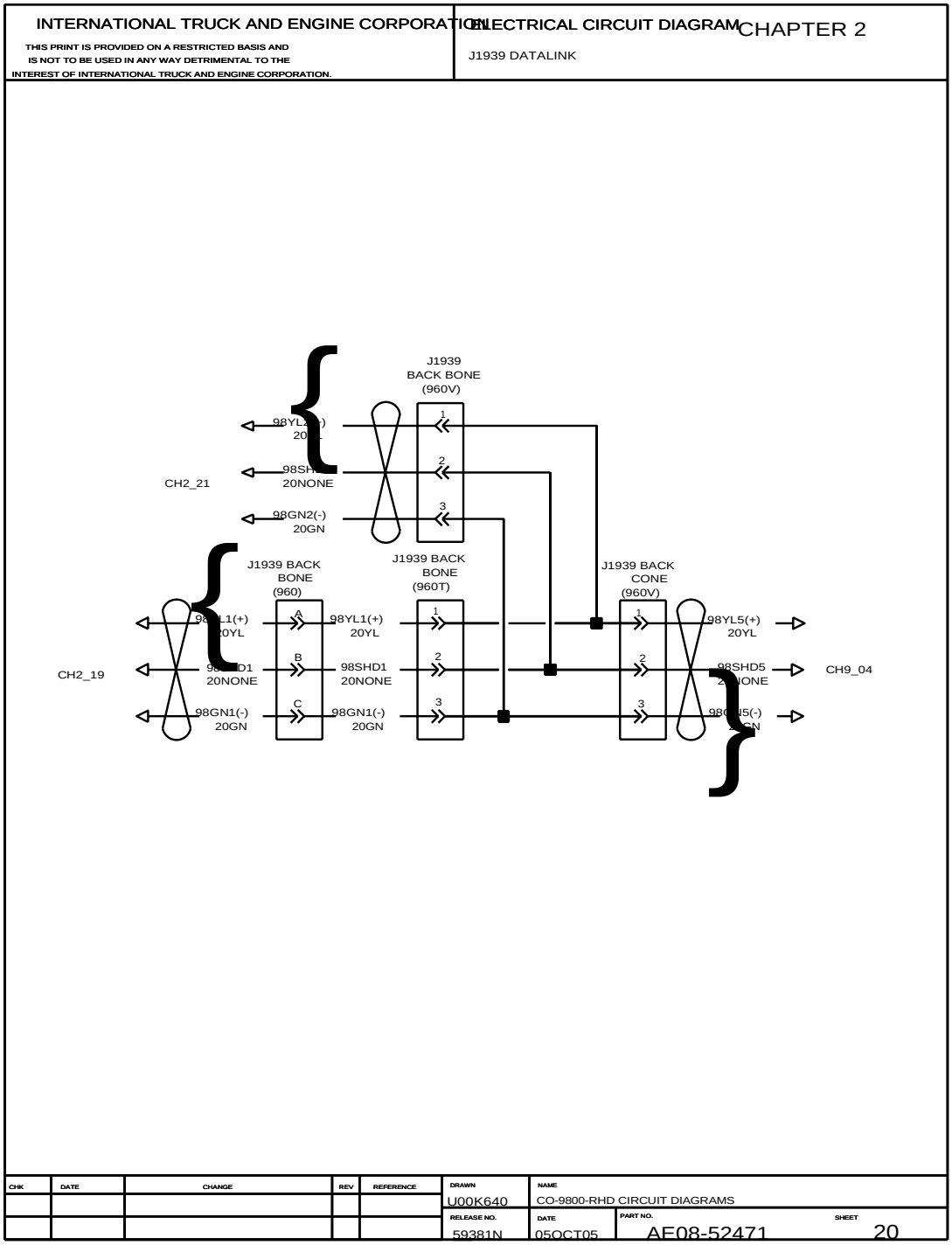

Figure 315 J1939 Datalink

16.21. J1939 DATALINK, P. 21

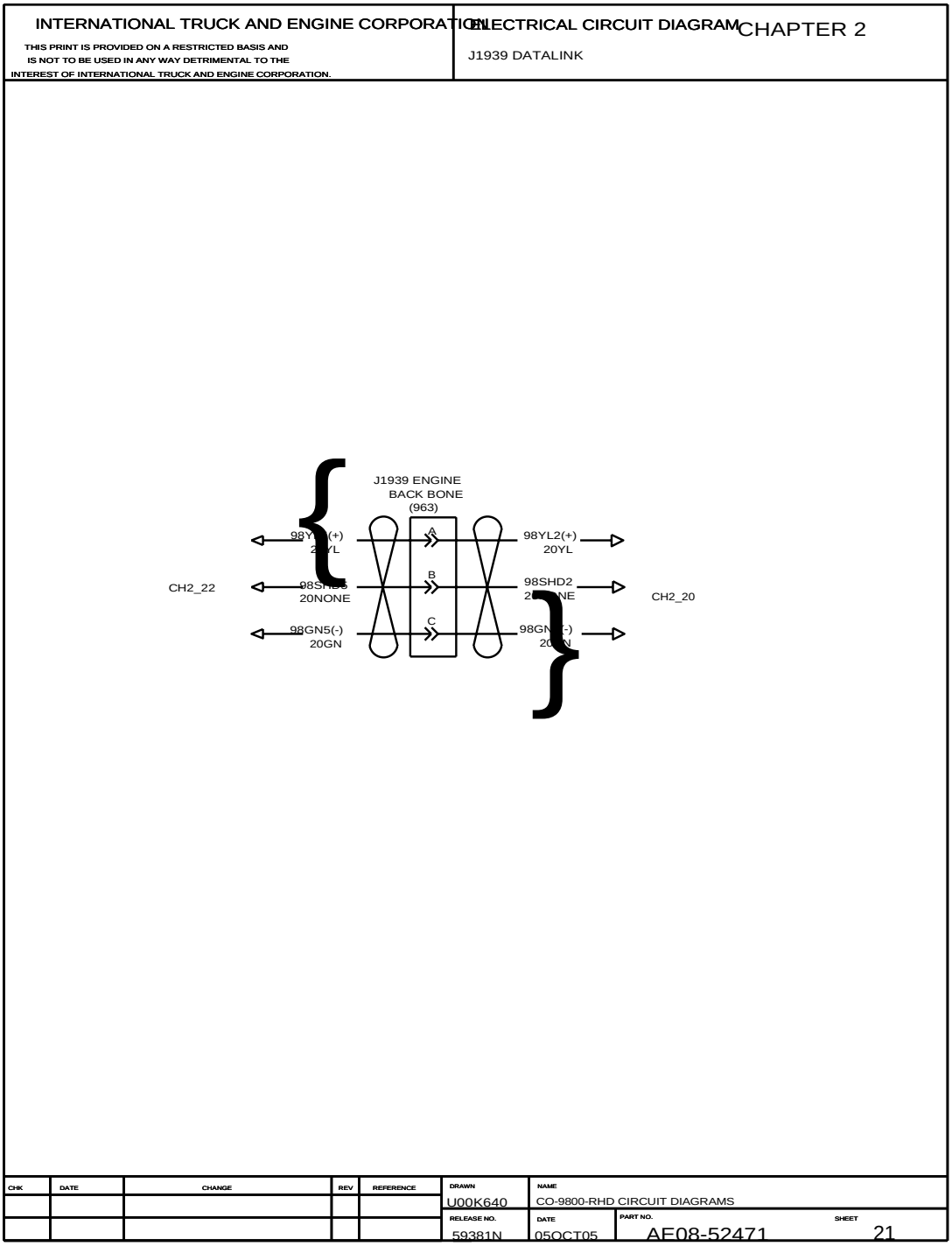

Figure 316 J1939 Datalink

16.22. J1939 DATALINK, P. 22

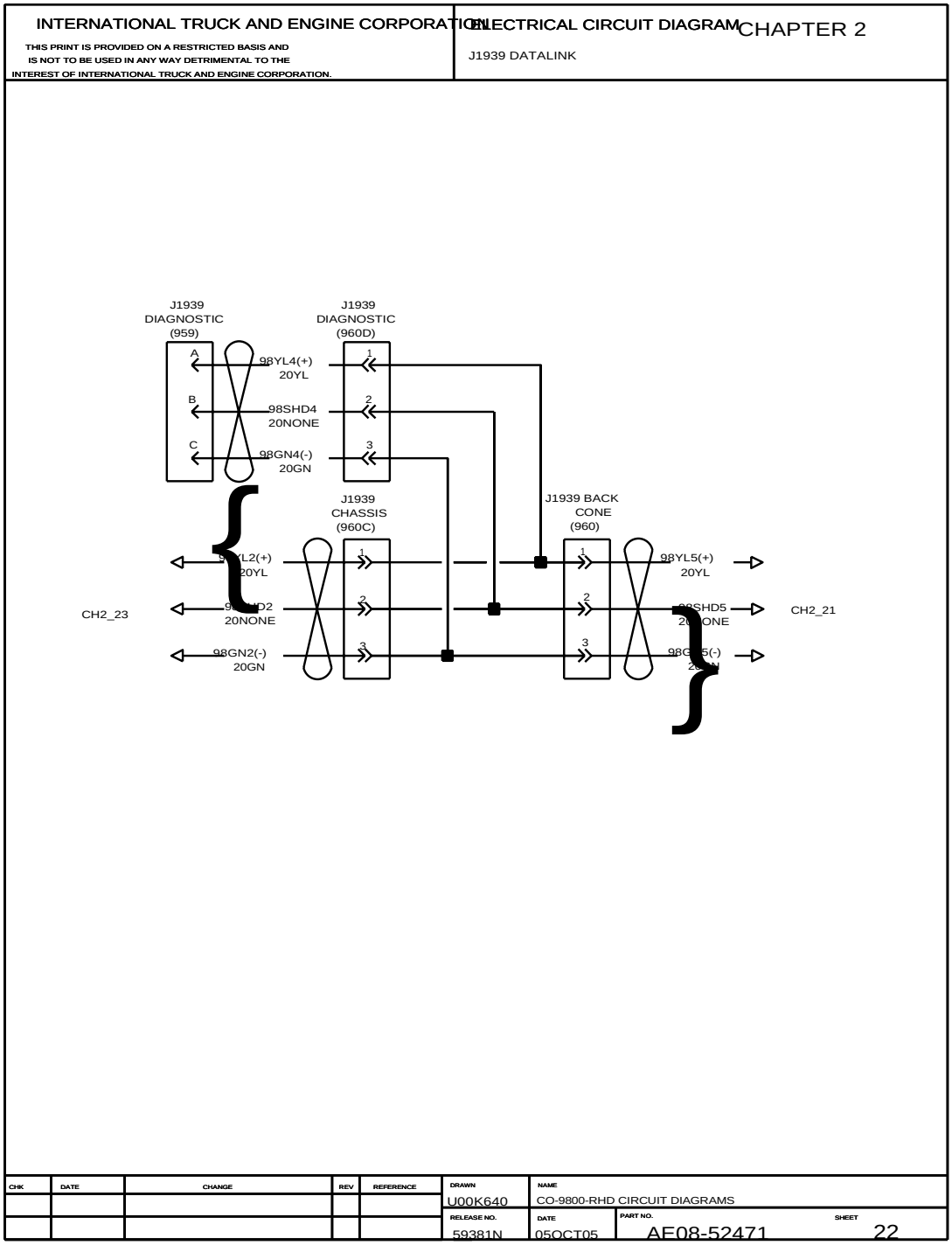

Figure 317 J1939 Datalink

16.23. J1939 DATALINK, P. 23

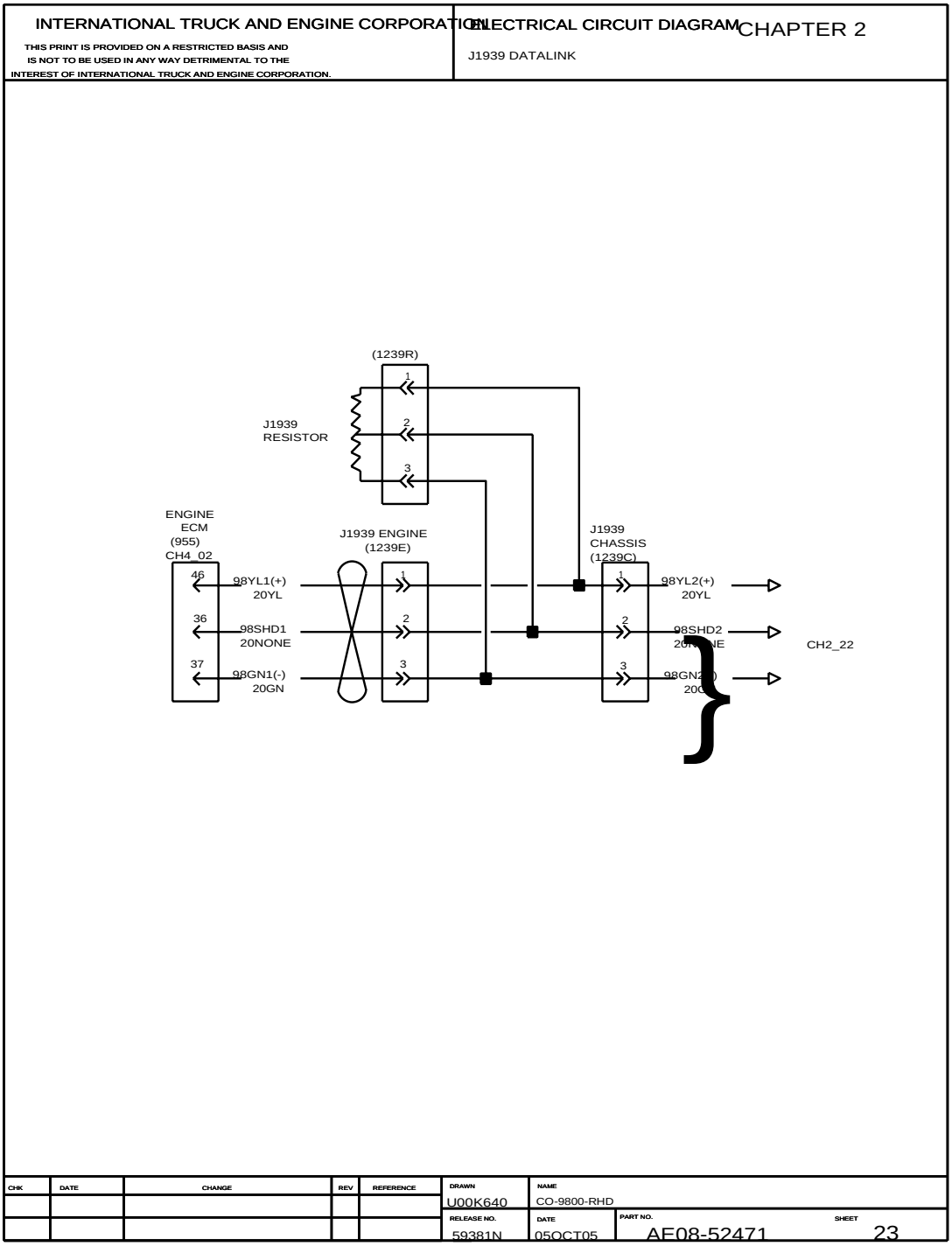

Figure 318 J1939 Datalink

17. 12 VOLT CHARGING AND CRANKING SYSTEM (RHD — CHAPTER 3)

17.1. WITH CUMMINS ISX ENGINE, P. 1

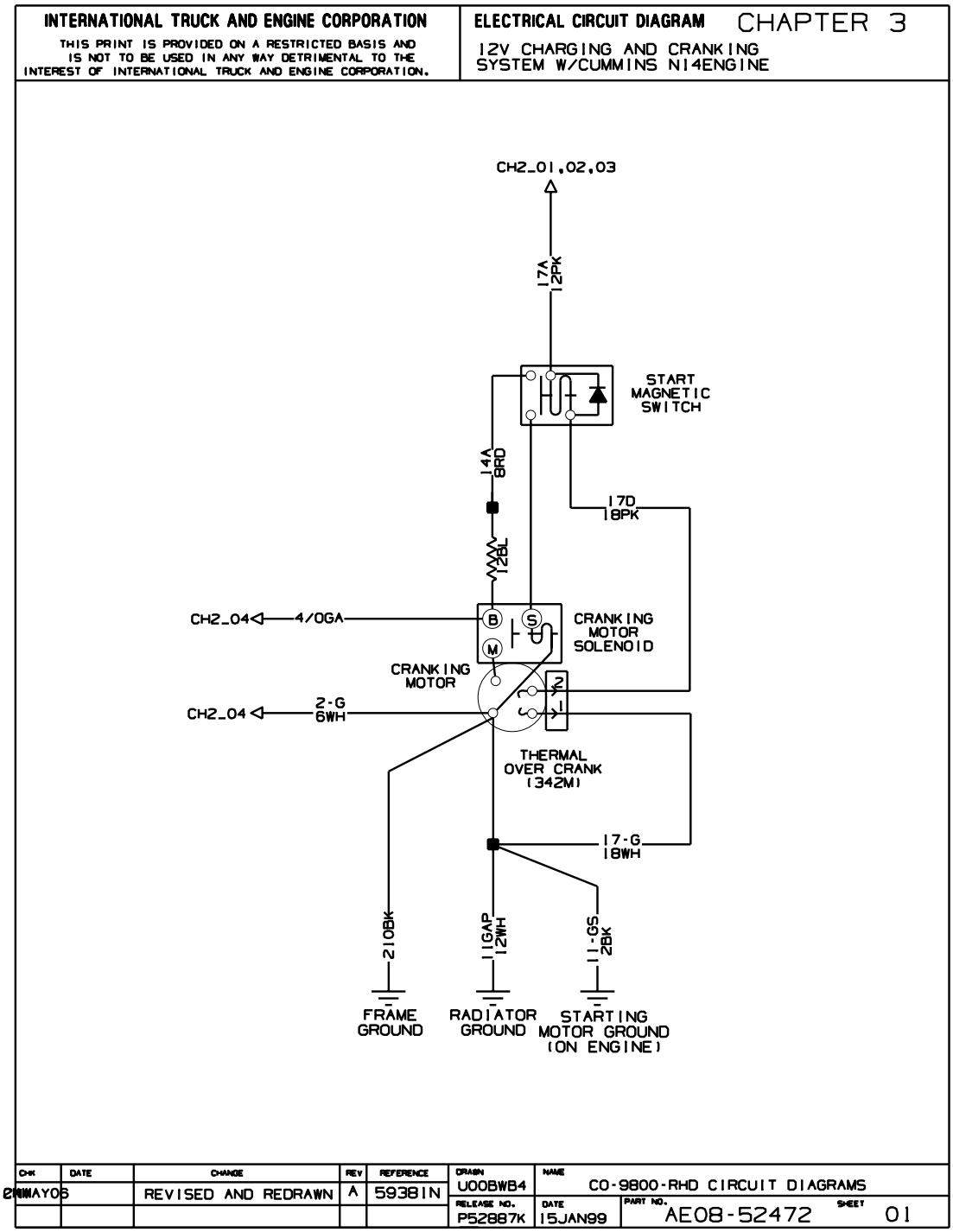

Figure 319 With Cummins N14 Engine

18. ENGINES (RHD — CHAPTER 4)

18.1. CUMMINS ISX ELECTRONIC ENGINE CONTROL, P. 1

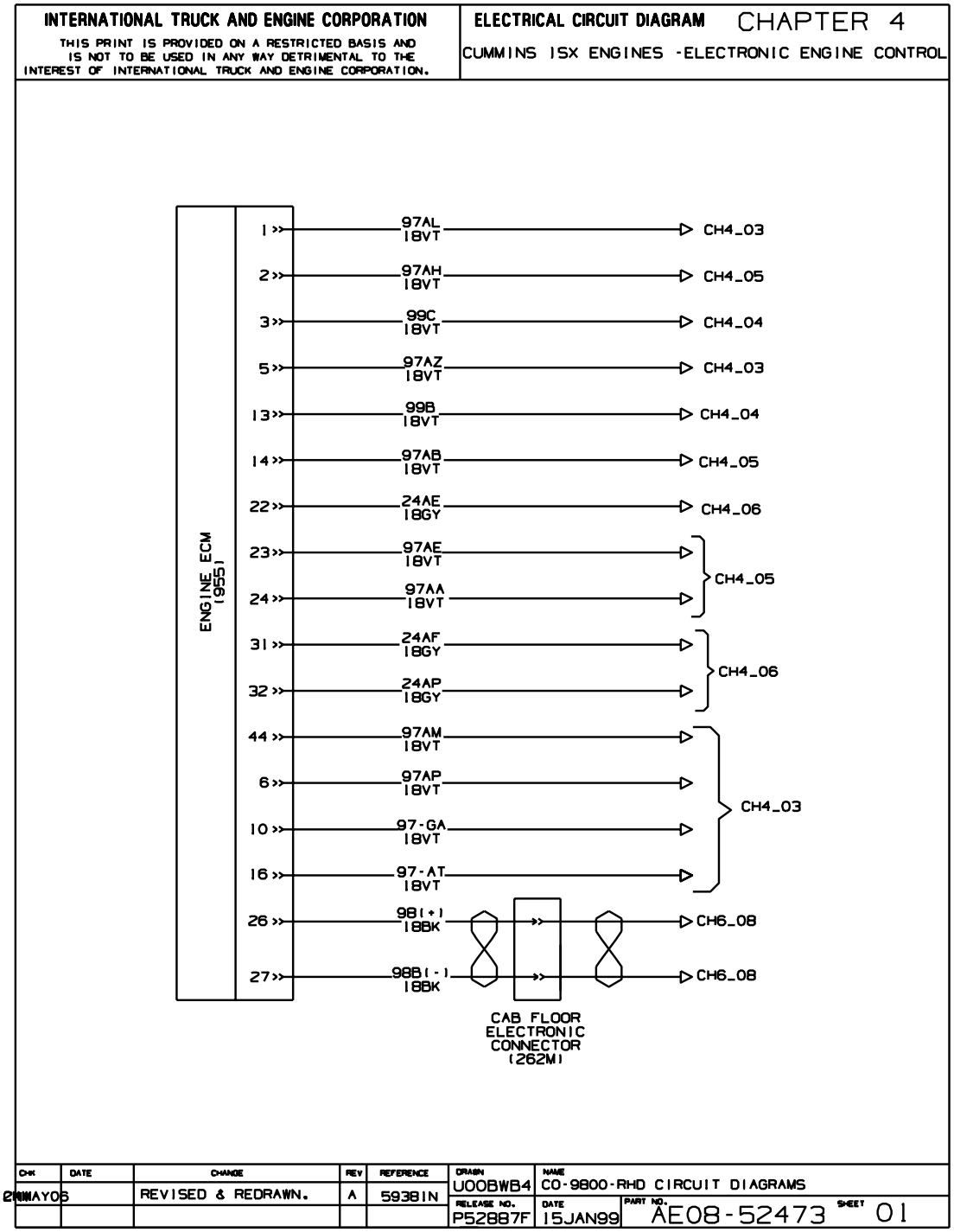

Figure 320 Cummins ISX Electronic Engine Control

18.2. CUMMINS ISX ELECTRONIC ENGINE CONTROL, P. 2

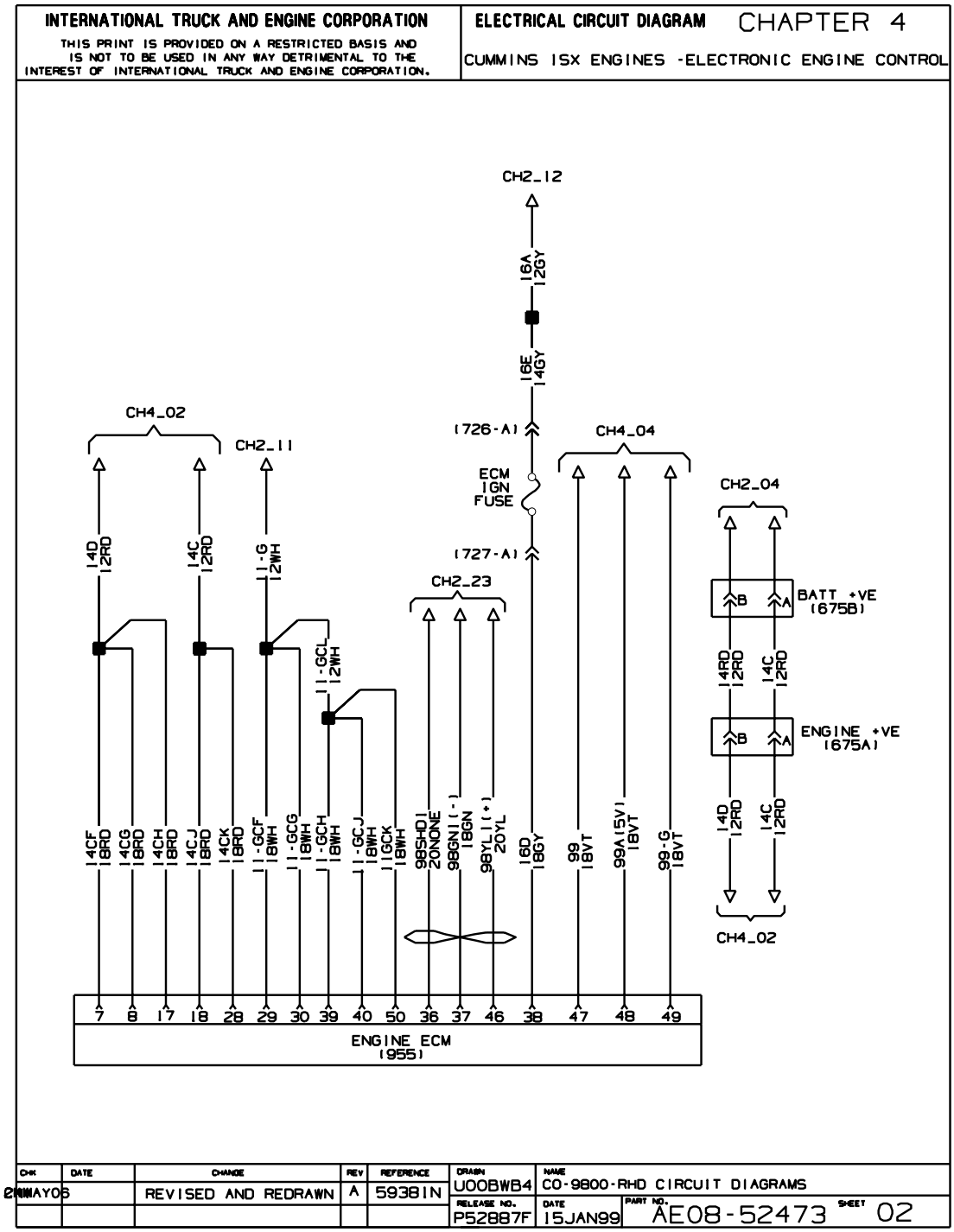

Figure 321 Cummins ISX Electronic Engine Control

18.3. CUMMINS ISX ELECTRONIC ENGINE CONTROL, P. 3

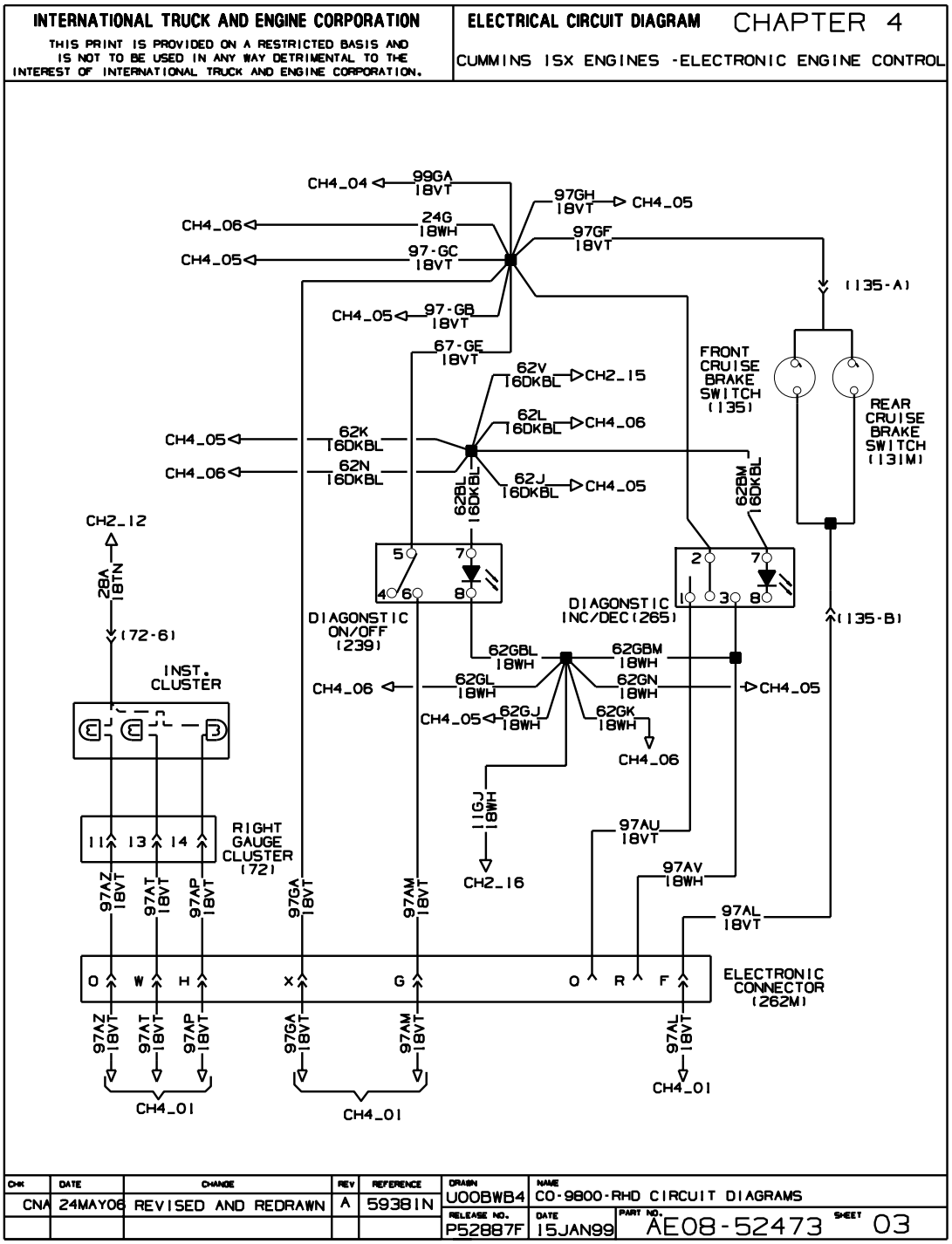

Figure 322 Cummins ISX Electronic Engine Control

18.4. CUMMINS ISX ELECTRONIC ENGINE CONTROLS, P. 4

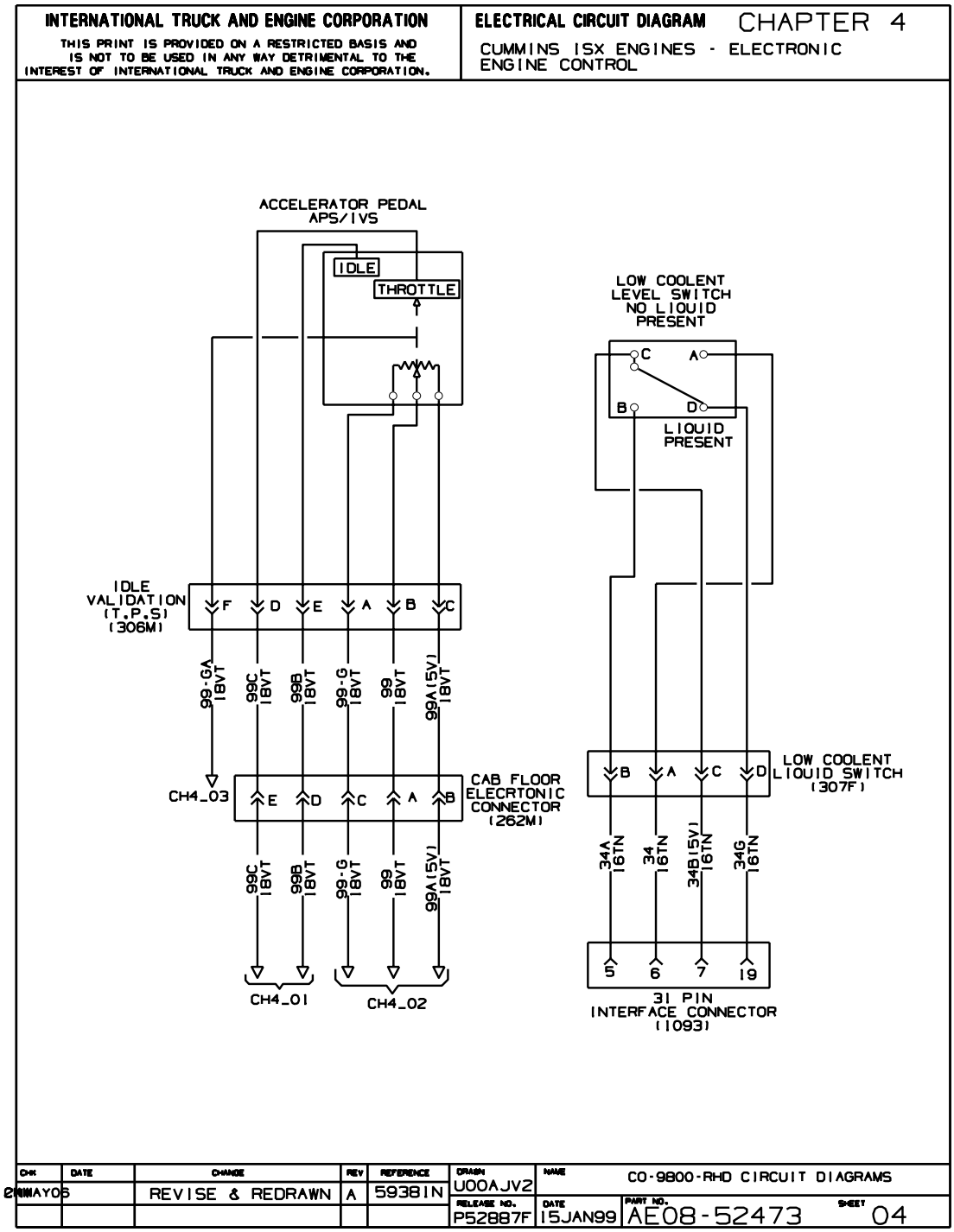

Figure 323 Cummins ISX Electronic Engine Controls

18.5. CUMMINS ISX CRUISE CONTROL, P. 5

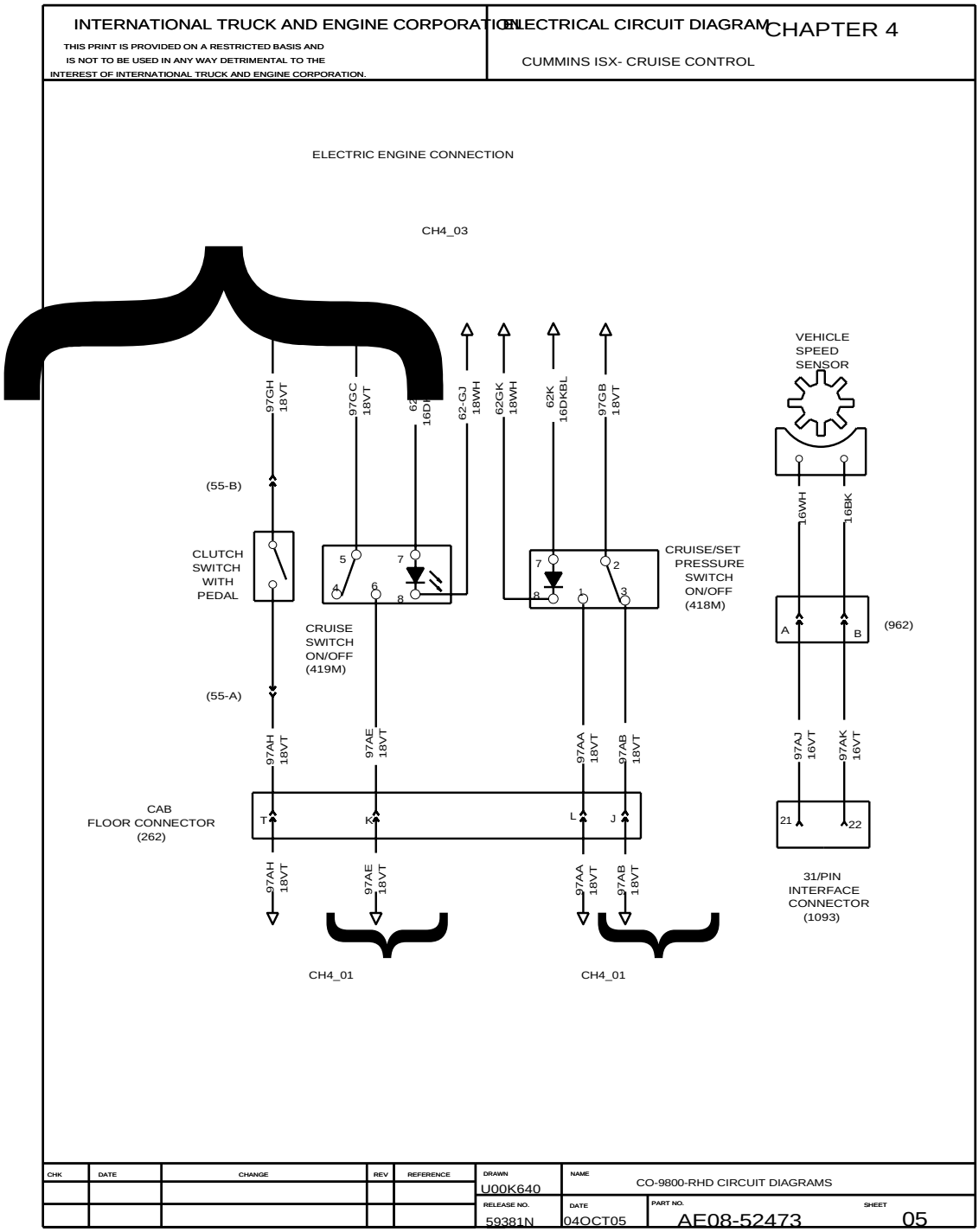

Figure 324 Cummins ISX Cruise Control

18.6. CUMMINS ISX ENGINE BRAKES, P. 6

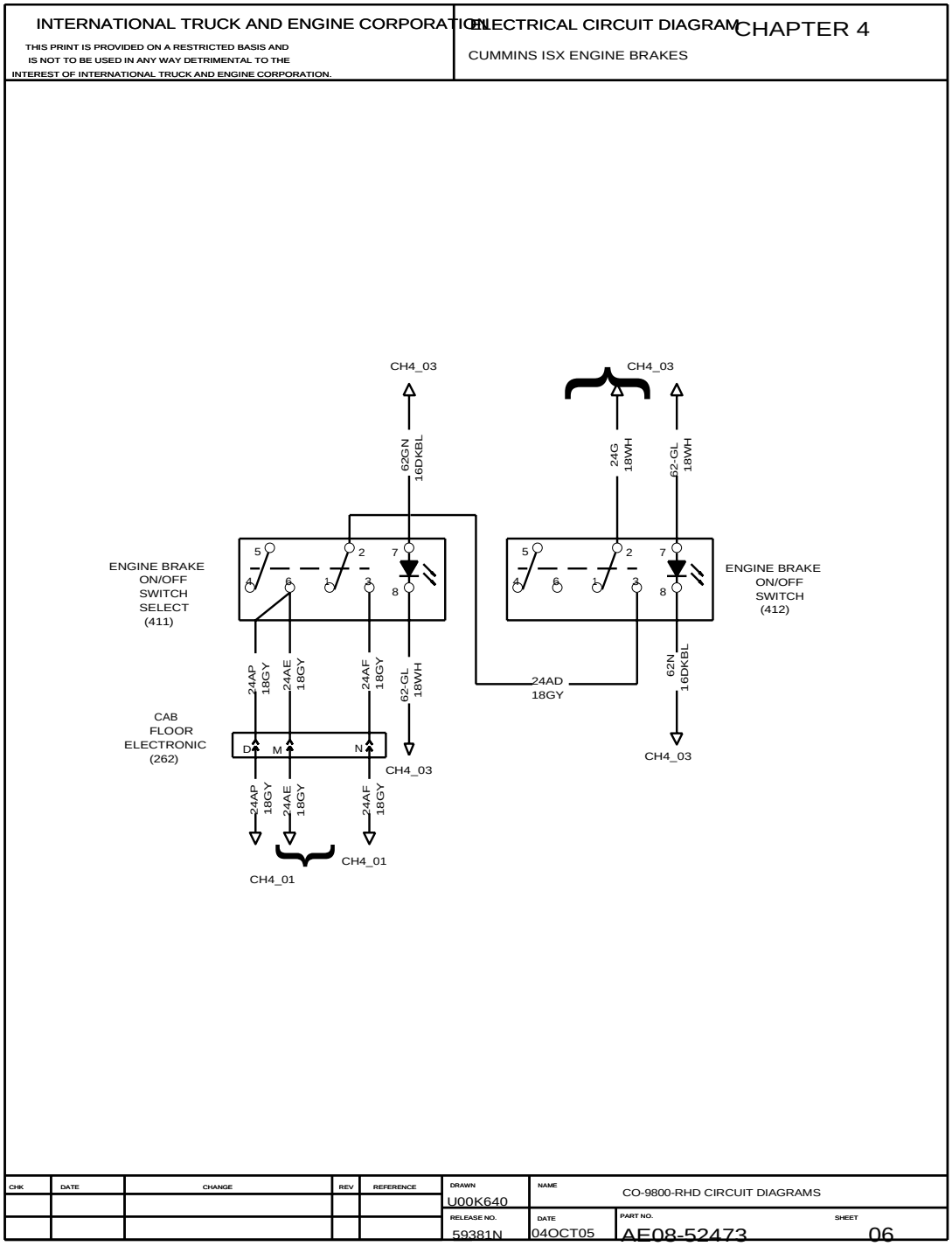

Figure 325 Cummins ISX Engine Brakes

19. FANS (RHD — CHAPTER 5)

19.1. HORTON AND KYSOR ENGINE FAN WITH CUMMINS ISX WITH OVERRIDE SWITCH, P. 1

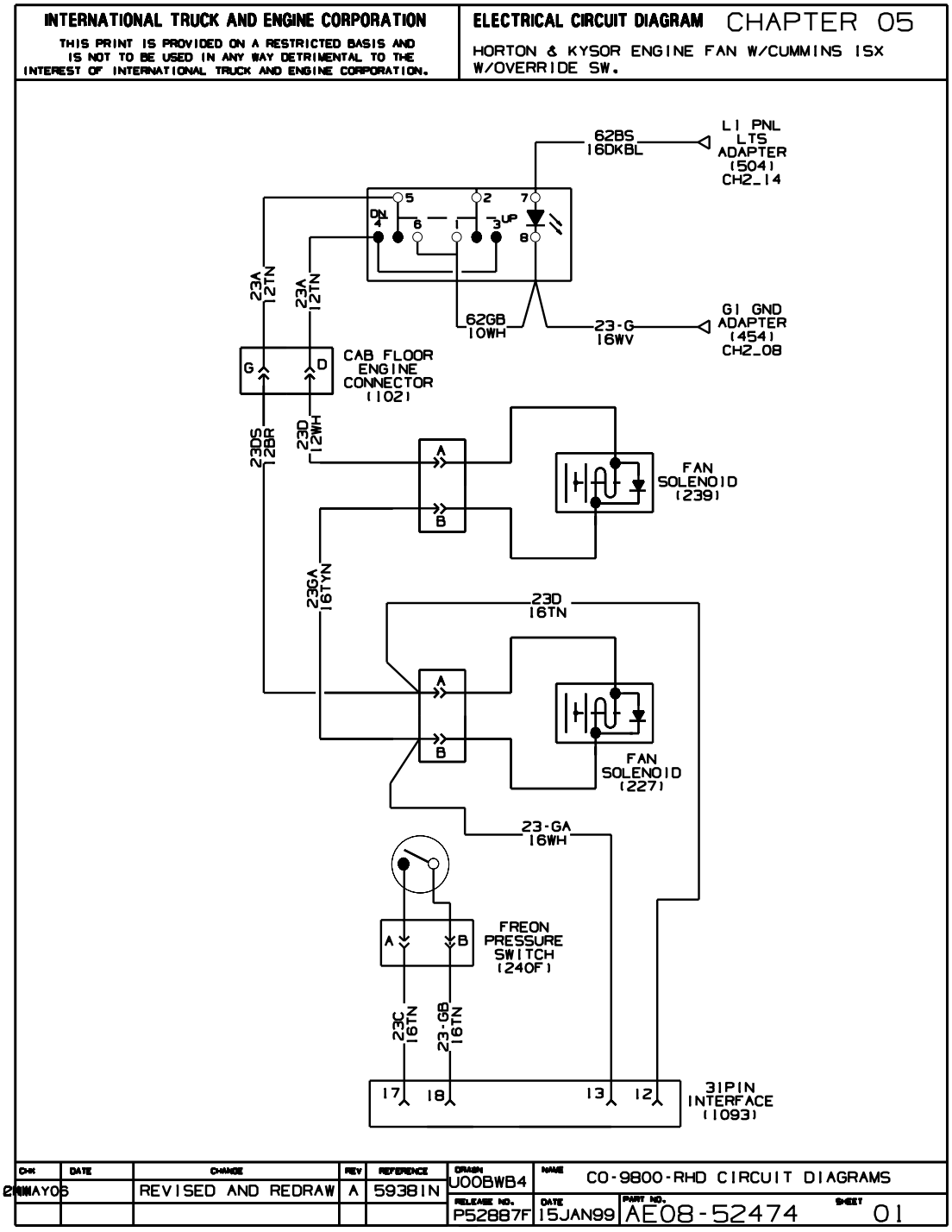

Figure 326 Horton and Kysor Engine Fan With Cummins ISX With Override Switch

19.2. REMOTE CONTROL FAN SOLENOID, P. 2

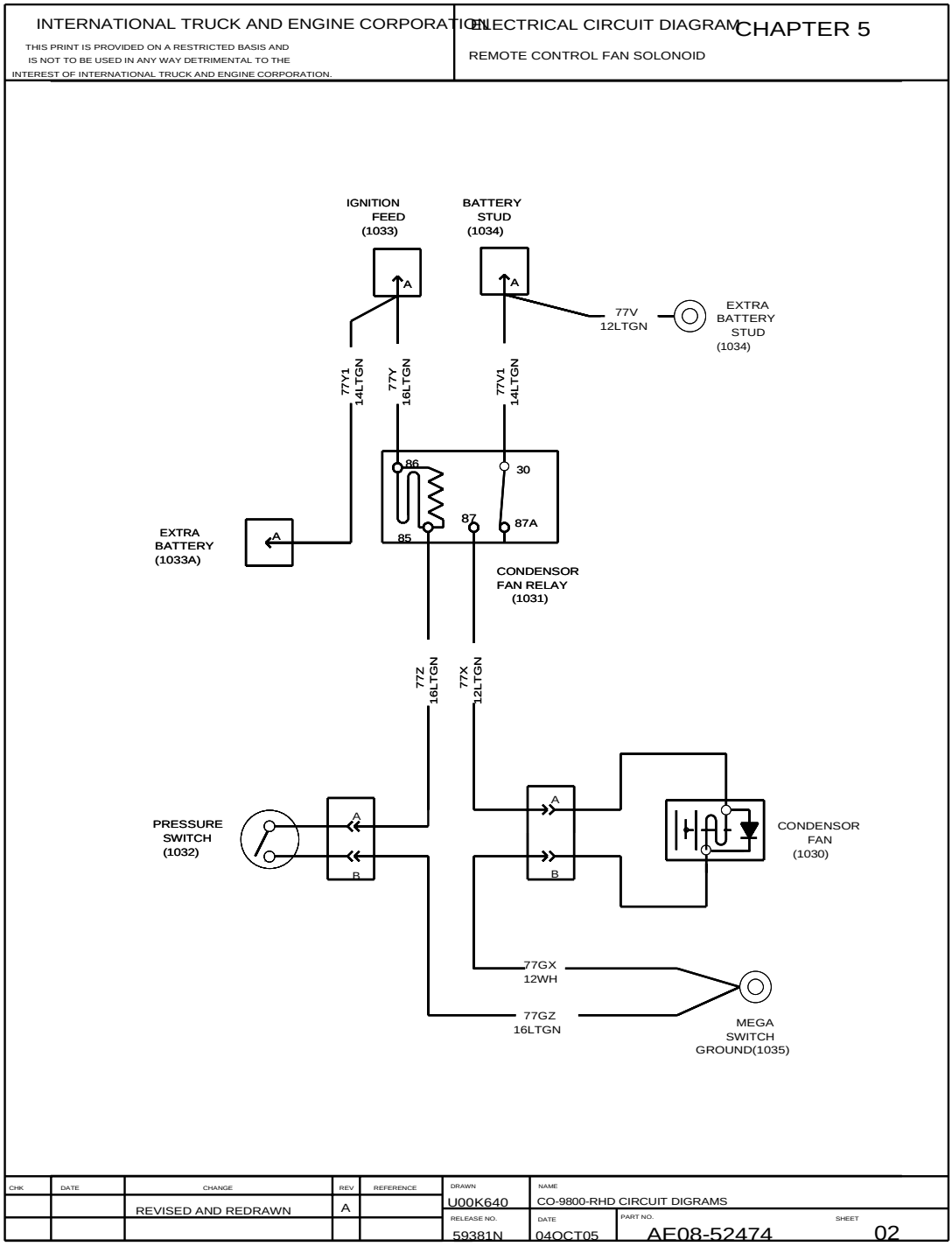

Figure 327 Remote Control Fan Solenoid

20. GAUGES AND SYSTEMS (RHD — CHAPTER 6)

20.1. ENGINE OIL TEMPERATURE GAUGE, P. 1

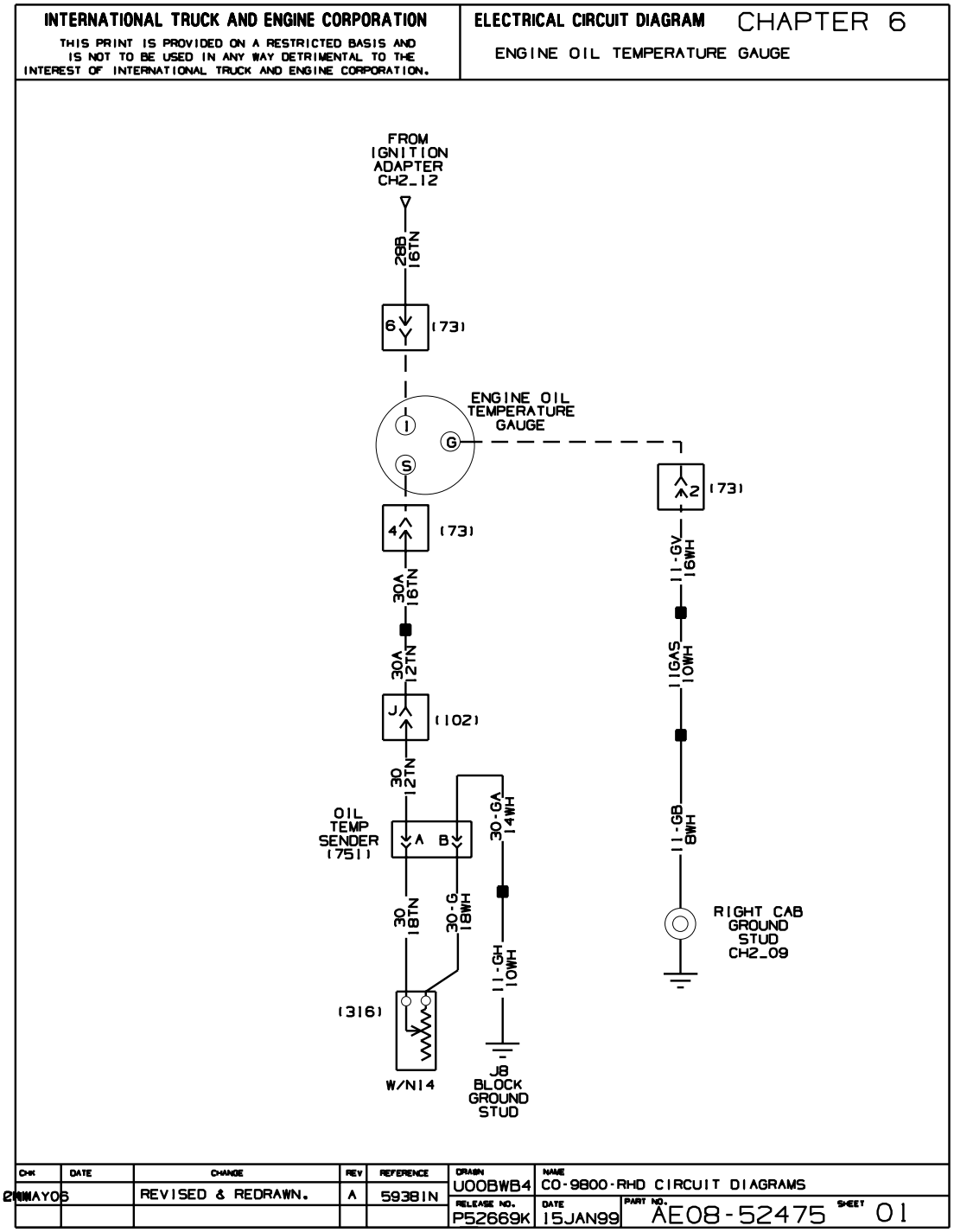

Figure 328 Engine Oil Temperature Gauge

20.2. ENGINE WATER TEMPERATURE GAUGE, P. 2

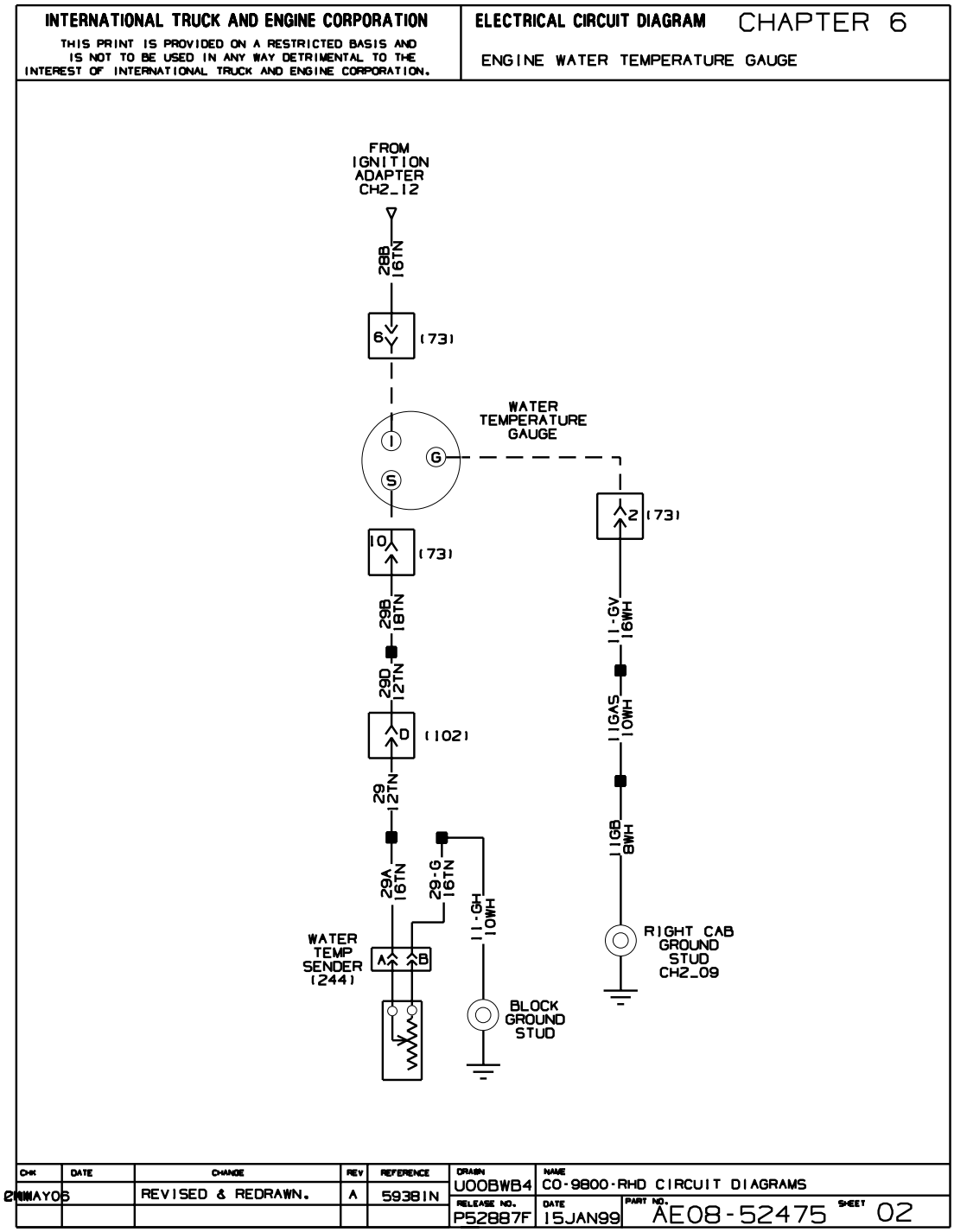

Figure 329 Engine Water Temperature Gauge

20.3. FUEL LEVEL GAUGE, P. 3

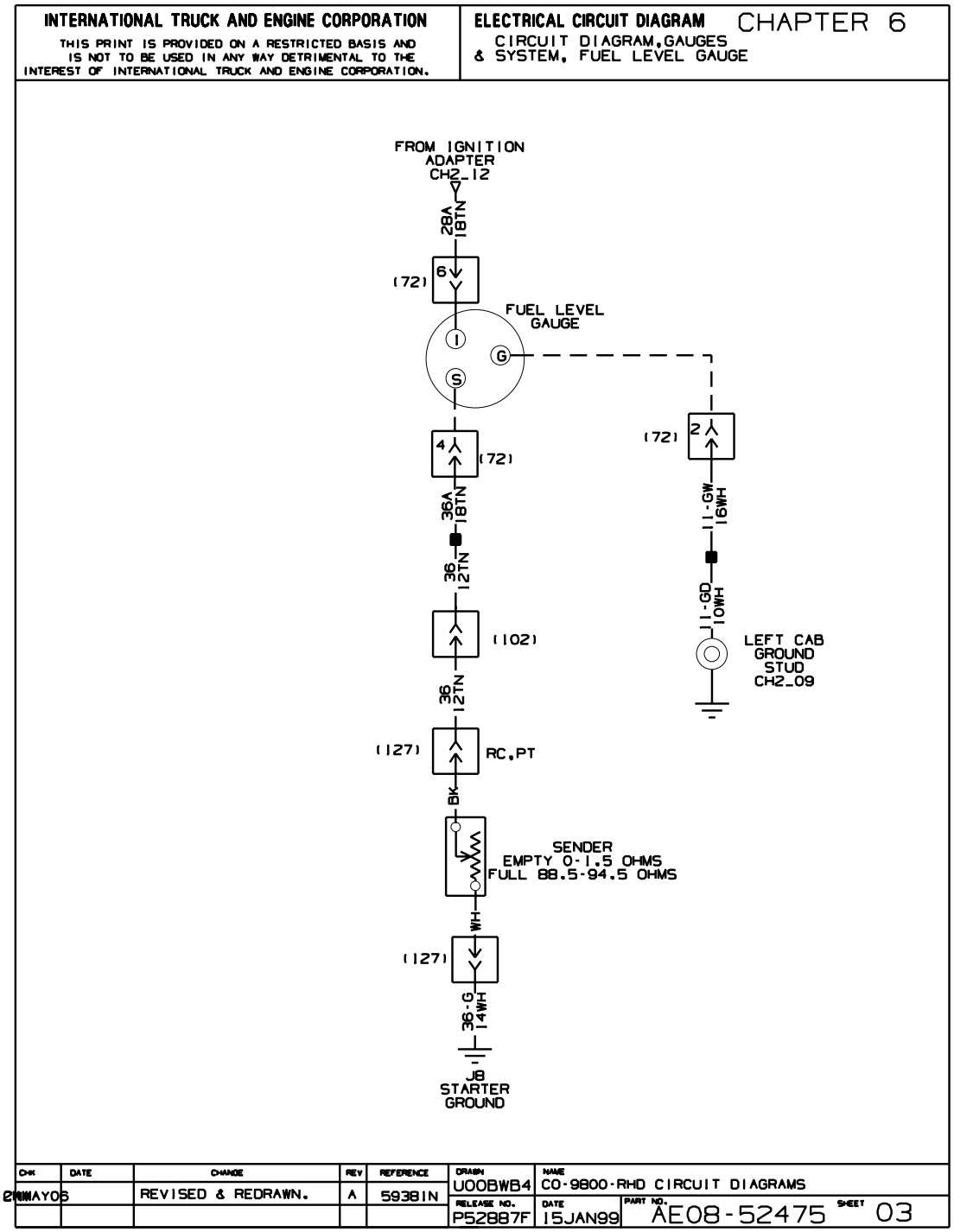

Figure 330 Fuel Level Gauge

20.4. FUEL LEVEL GAUGE, P. 4

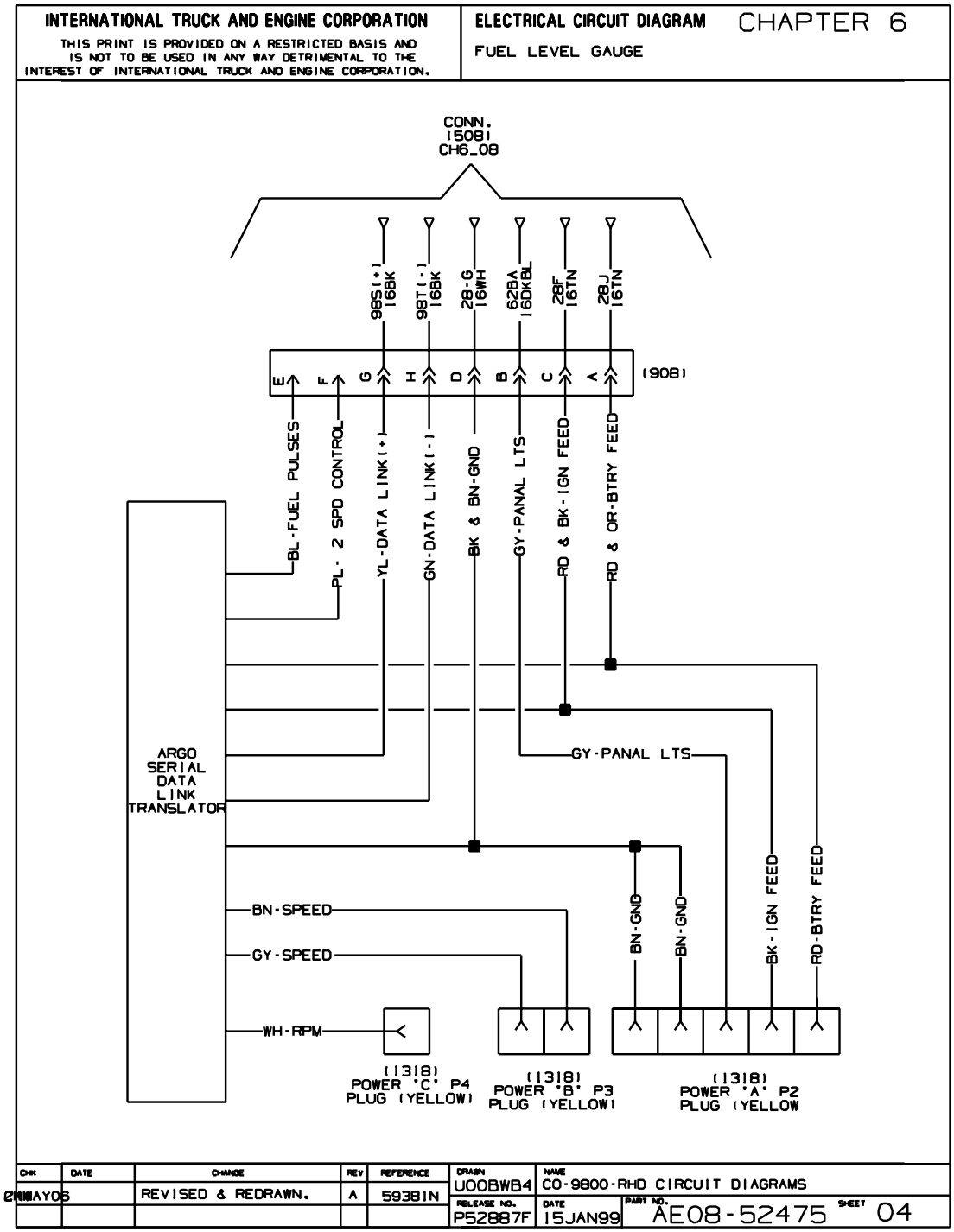

Figure 331 Fuel Level Gauge

20.5. VOLTMETER GAUGE, P. 5

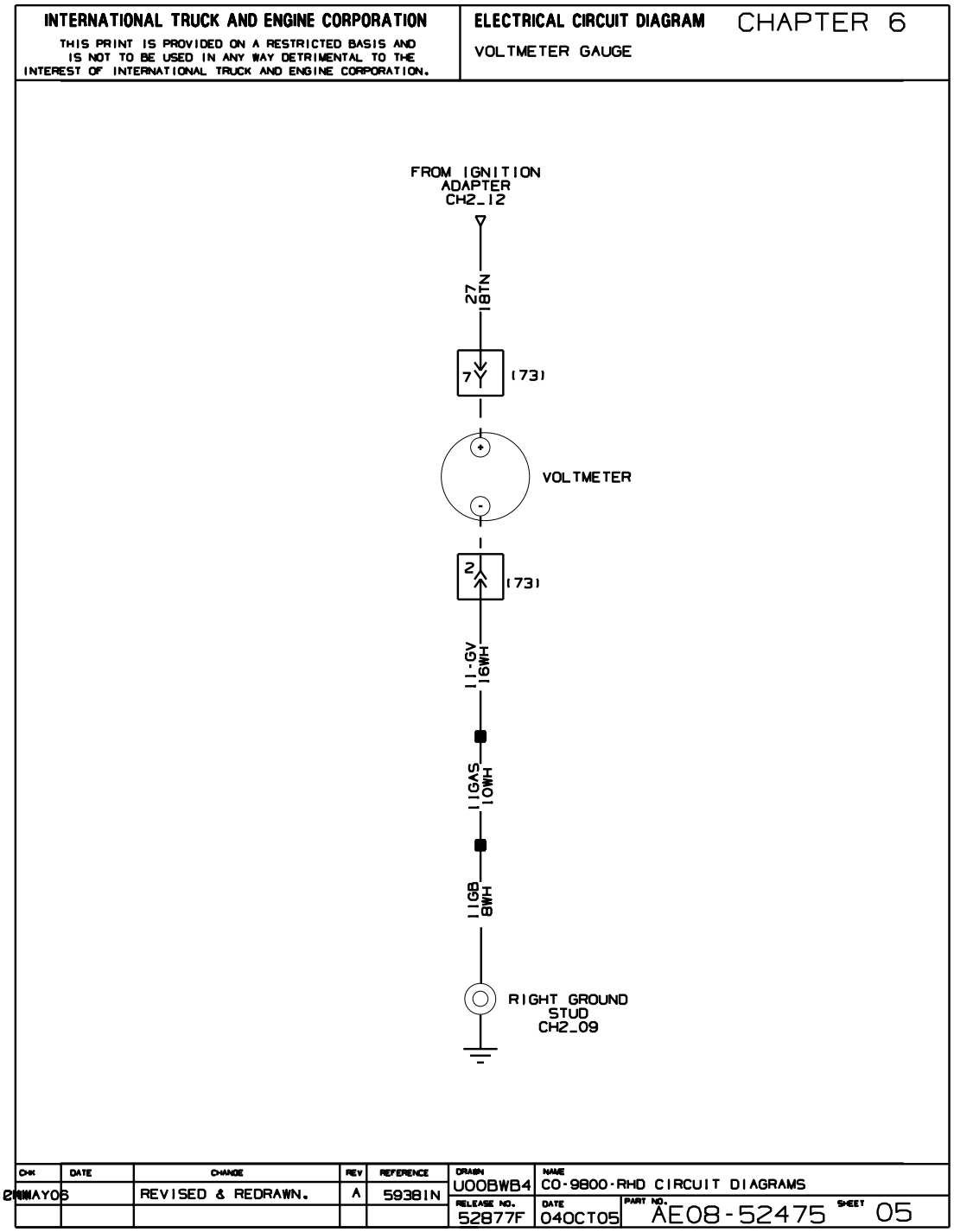

Figure 332 Voltmeter Gauge

20.6. ENGINE OIL PRESSURE GAUGE (OPTIONAL), P. 6

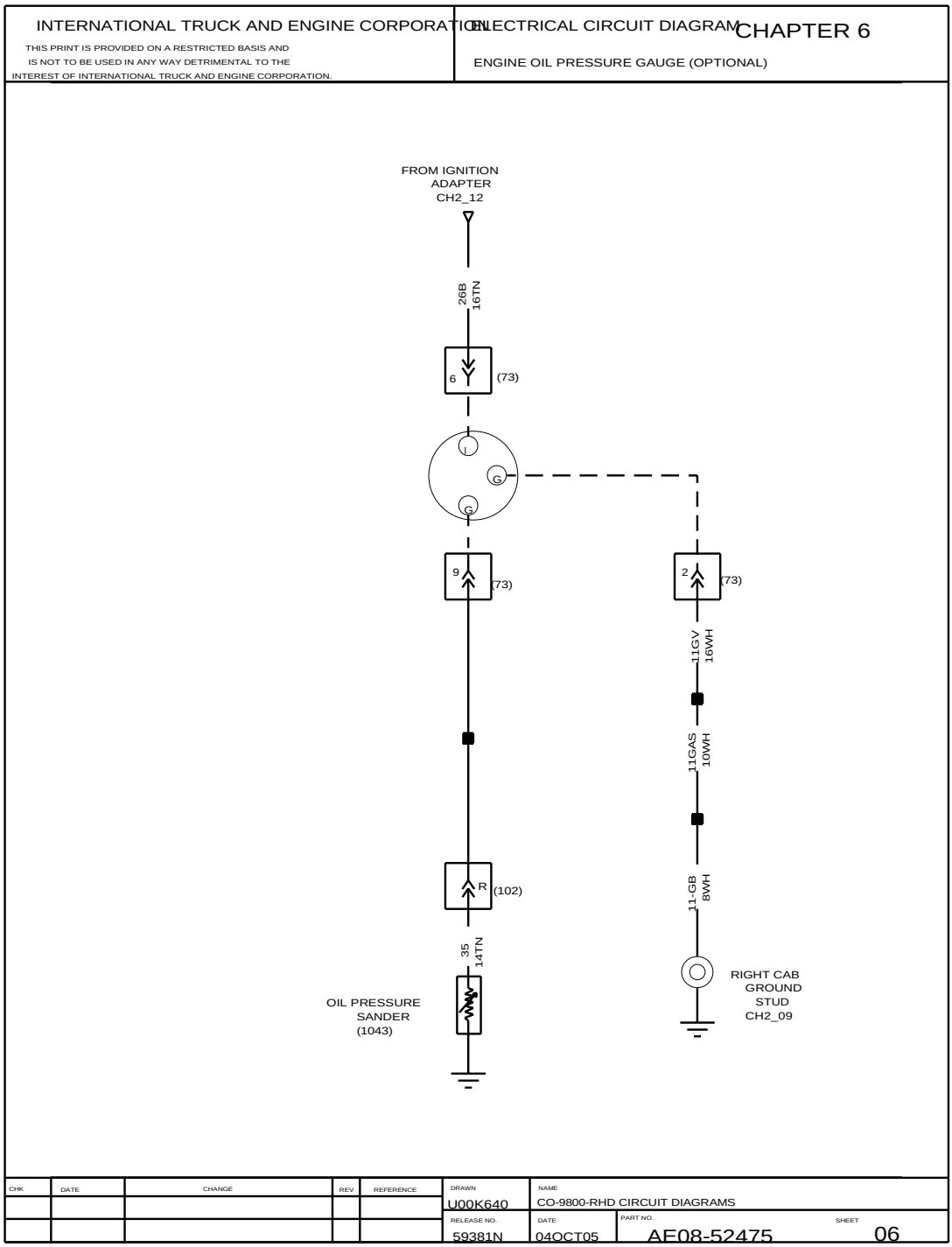

Figure 333 Engine Oil Pressure Gauge (Optional)

20.7. TRANSMISSION OIL TEMPERATURE GAUGE, P. 7

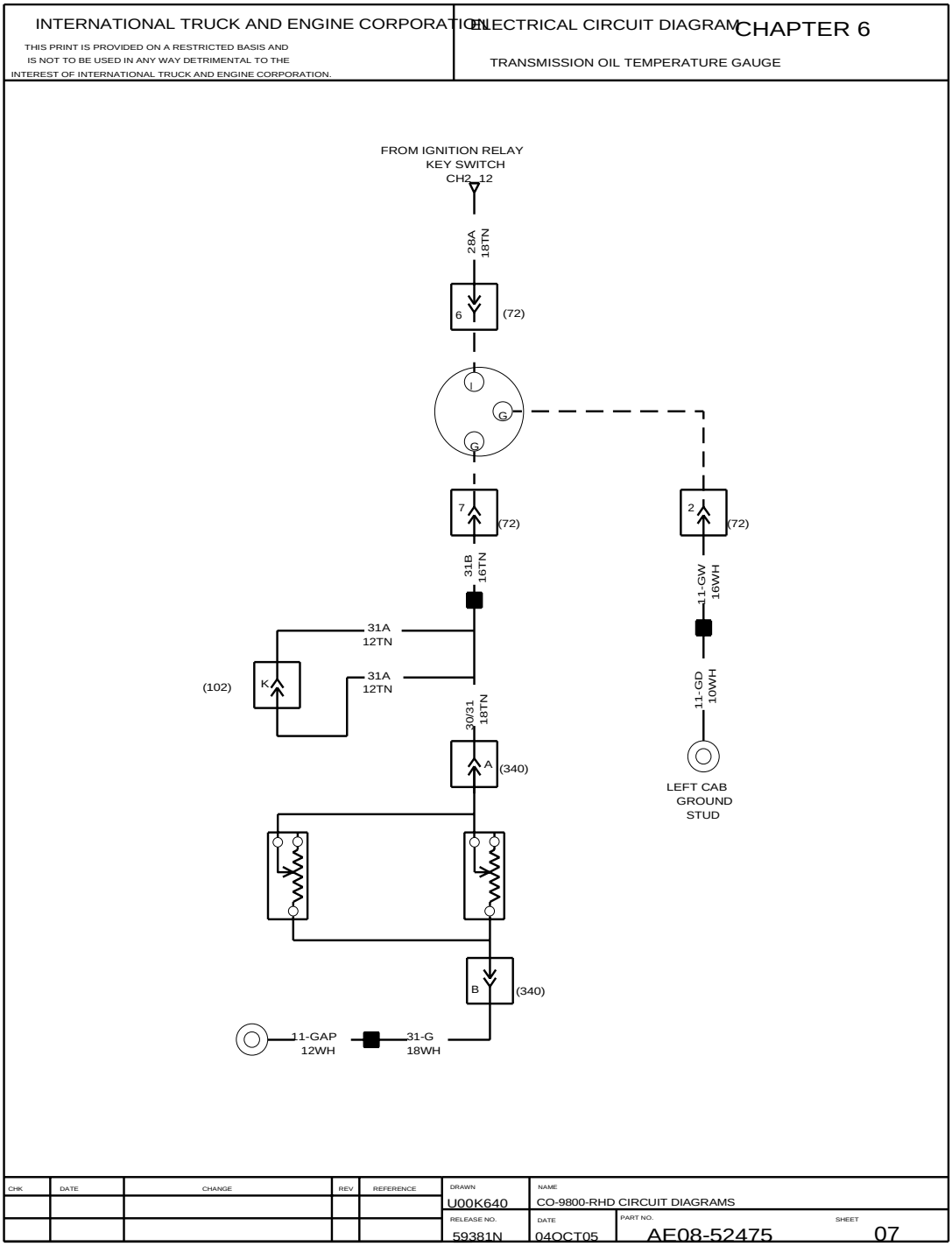

Figure 334 Transmission Oil Temperature Gauge

20.8. TACHOGRAPH DATALINK TRANSLATOR, P. 8

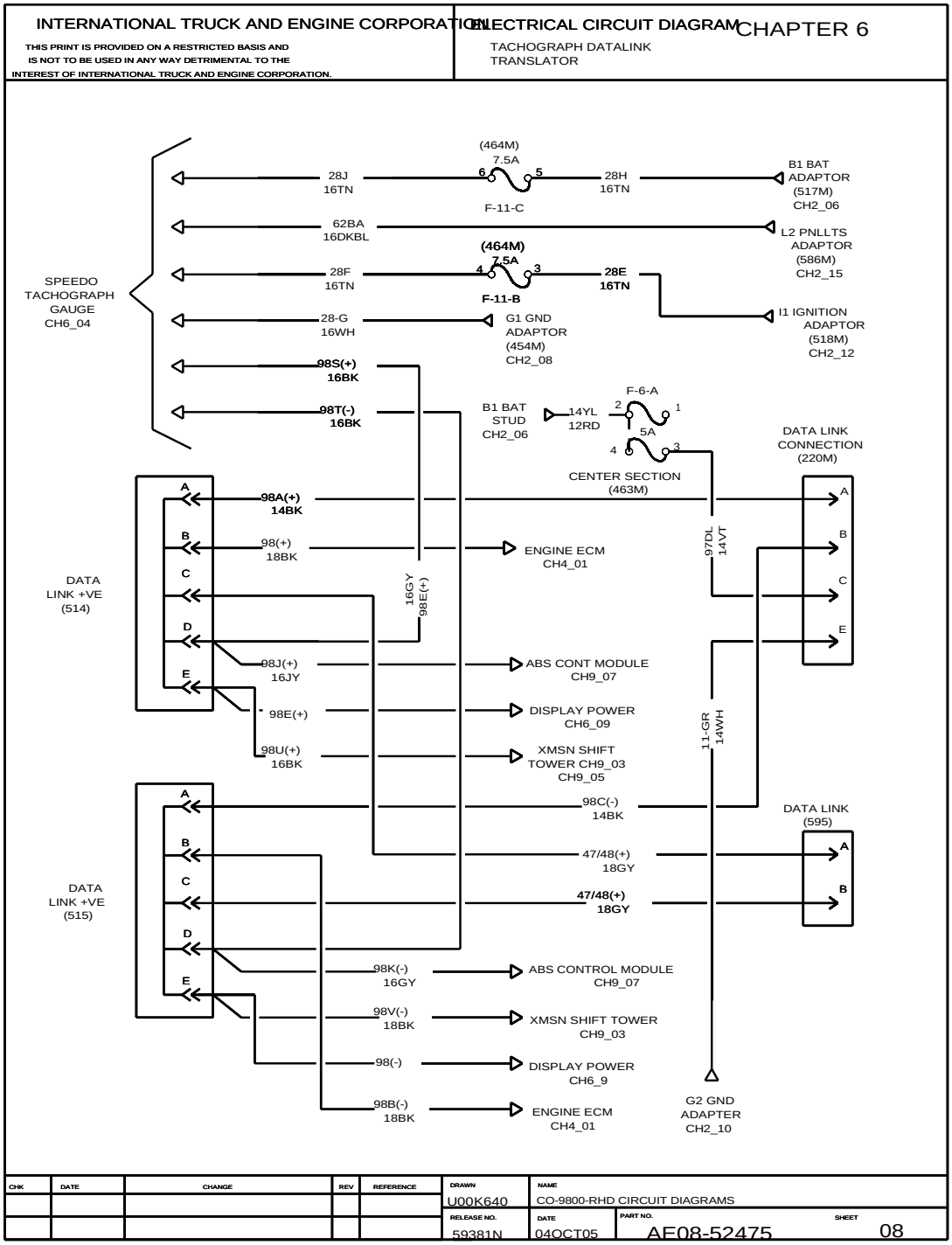

Figure 335 Tachograph Datalink Translator

20.9. ROAD RELAY DISPLAY, P. 9

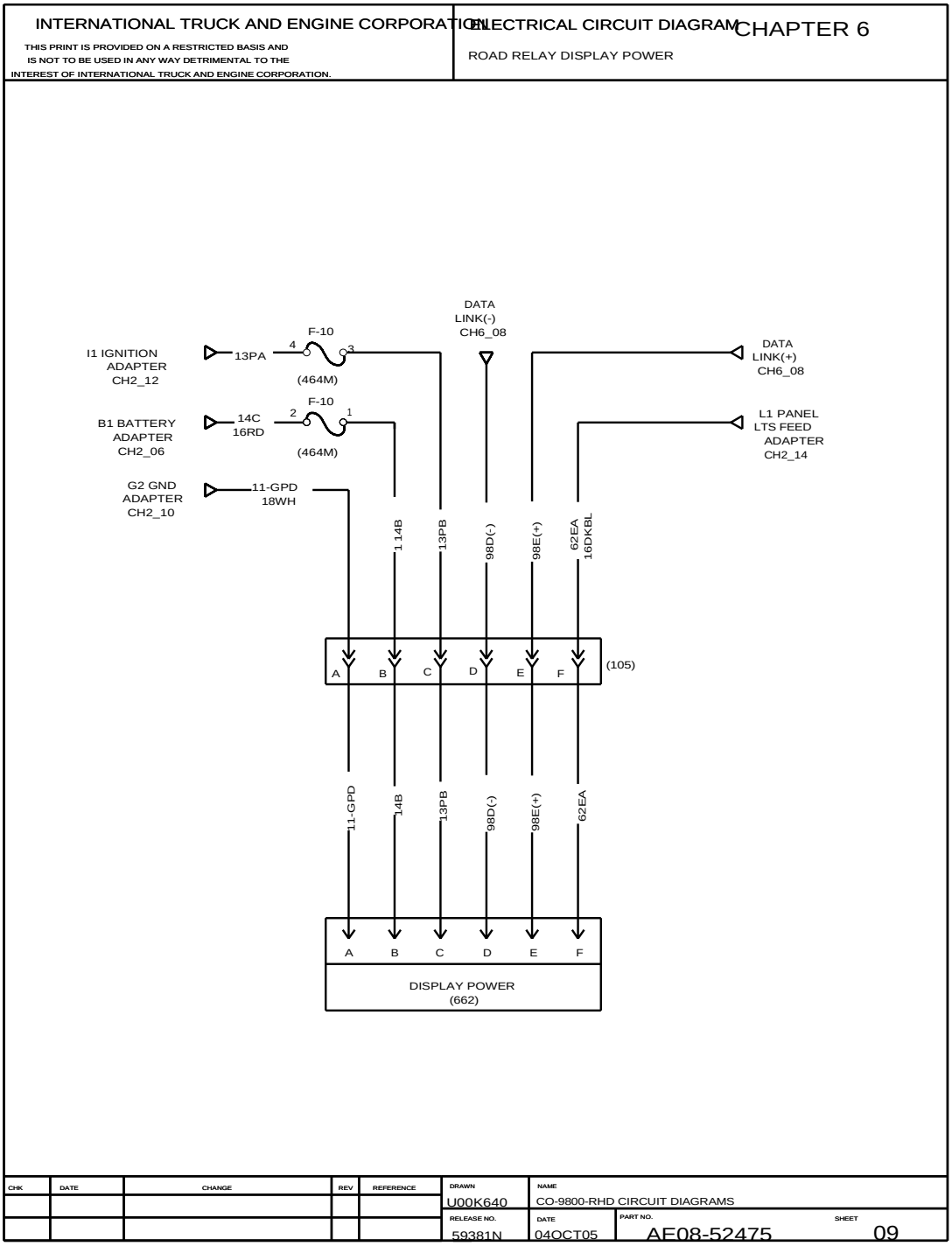

Figure 336 Road Relay Display

21. WARNING LIGHTS (RHD — CHAPTER 7)

21.1. LOW AIR PRESSURE WARNING LIGHT, P. 1

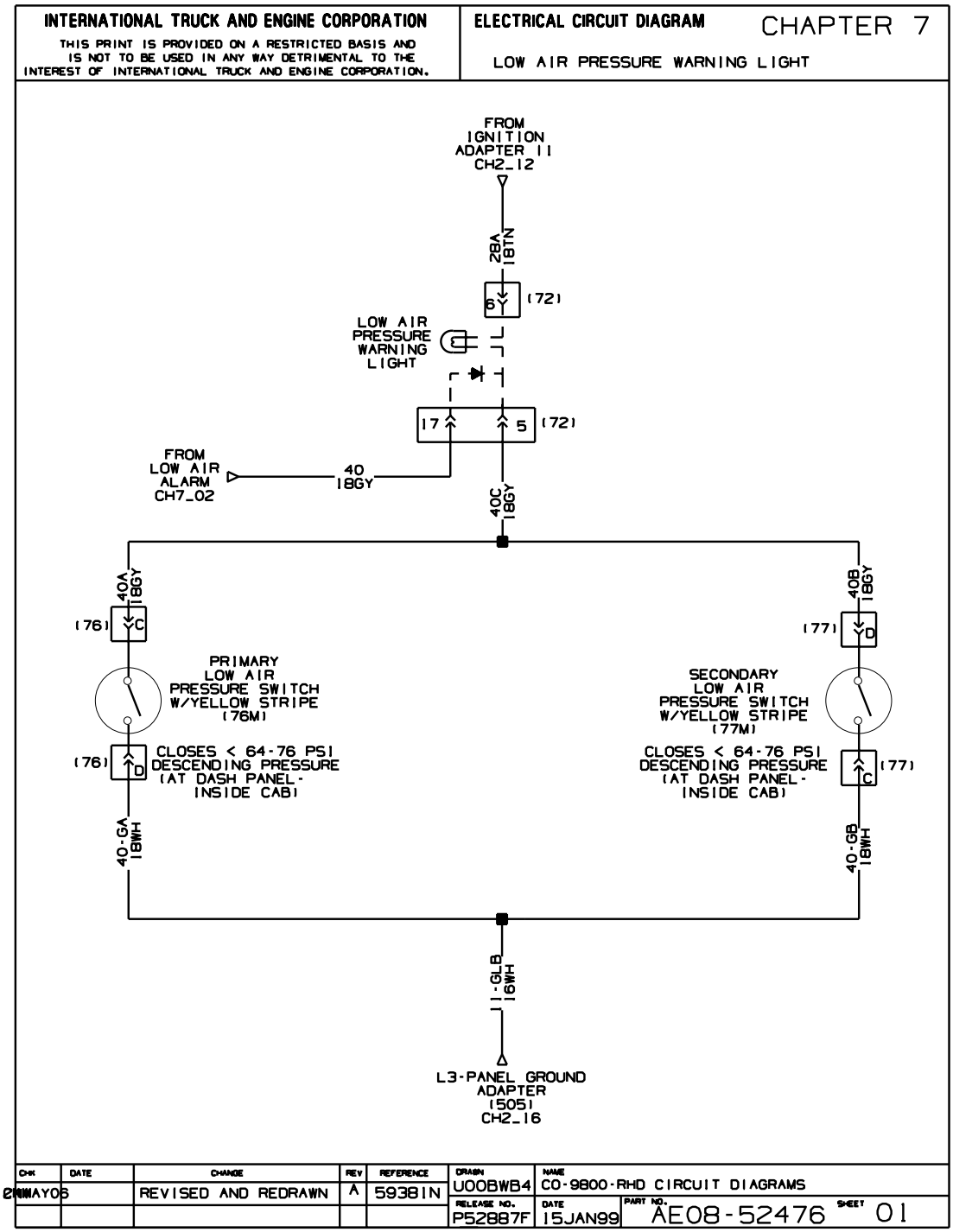

Figure 337 Low Air Pressure Warning Light

21.2. PDL WARNING LIGHT AND ALARM, P. 2

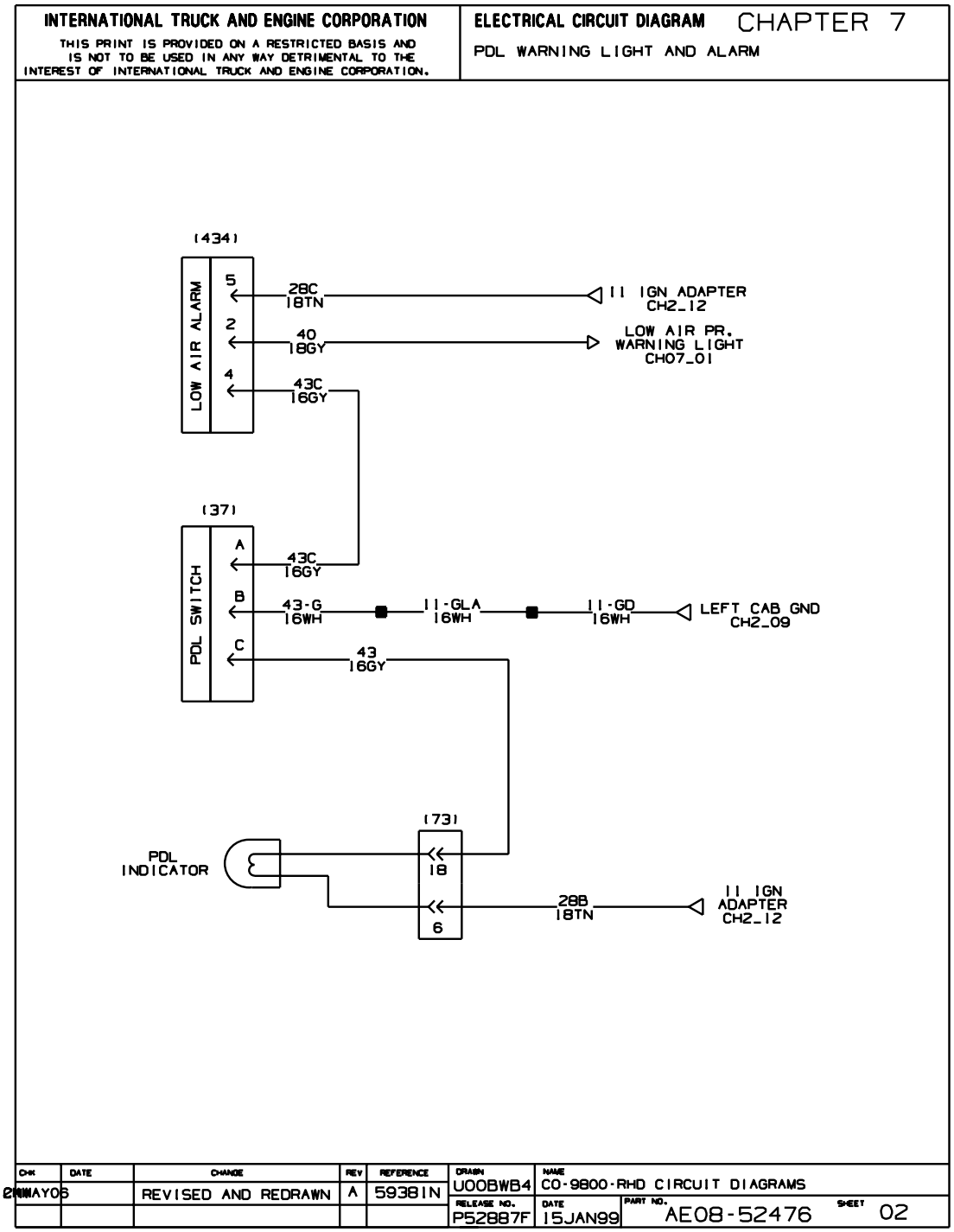

Figure 338 PDL Warning Light and Alarm

21.3. STOP AND PARKING WARNING LIGHT, P. 3

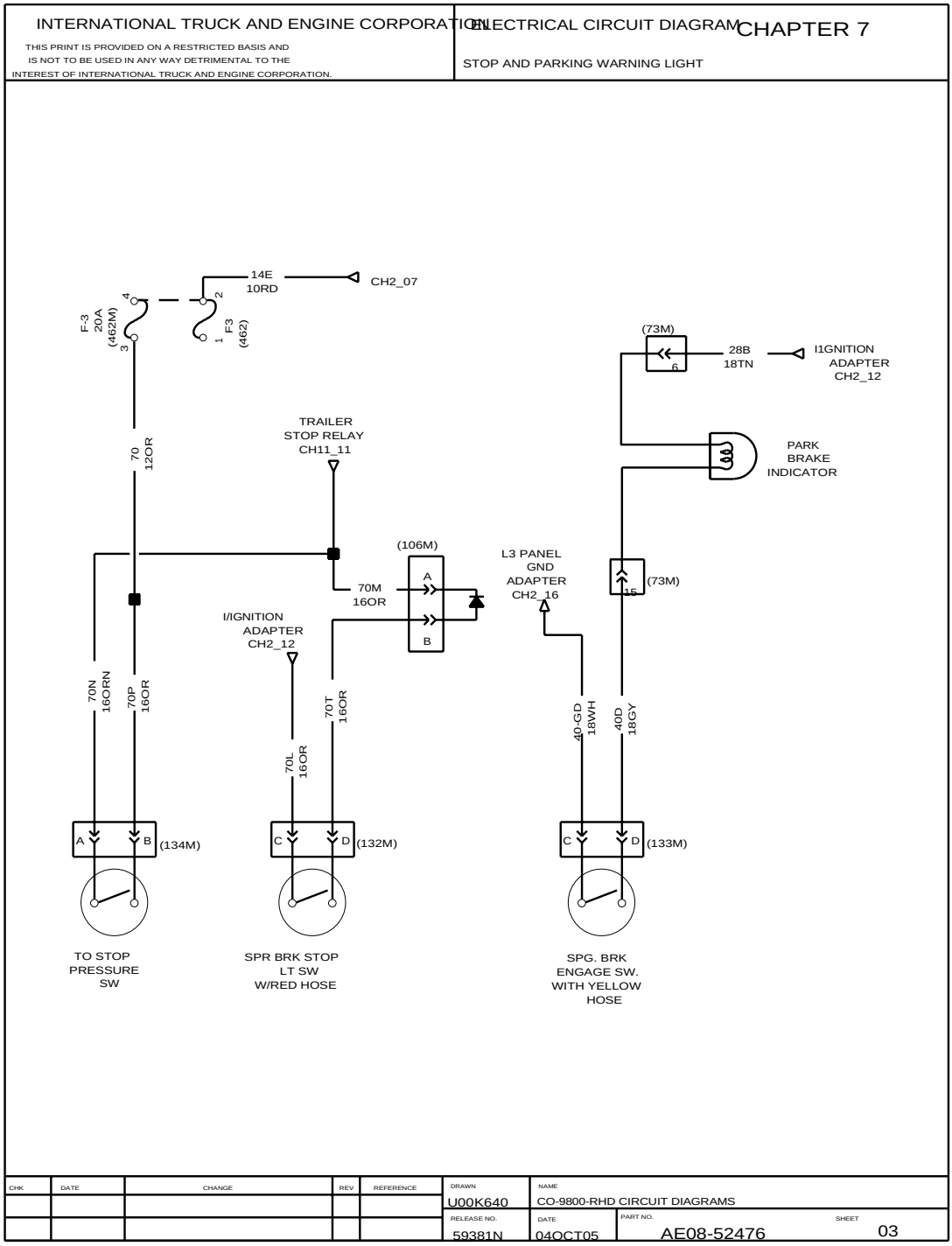

Figure 339 Stop and Parking Warning Light

21.4. PDL JUMPER, P. 4

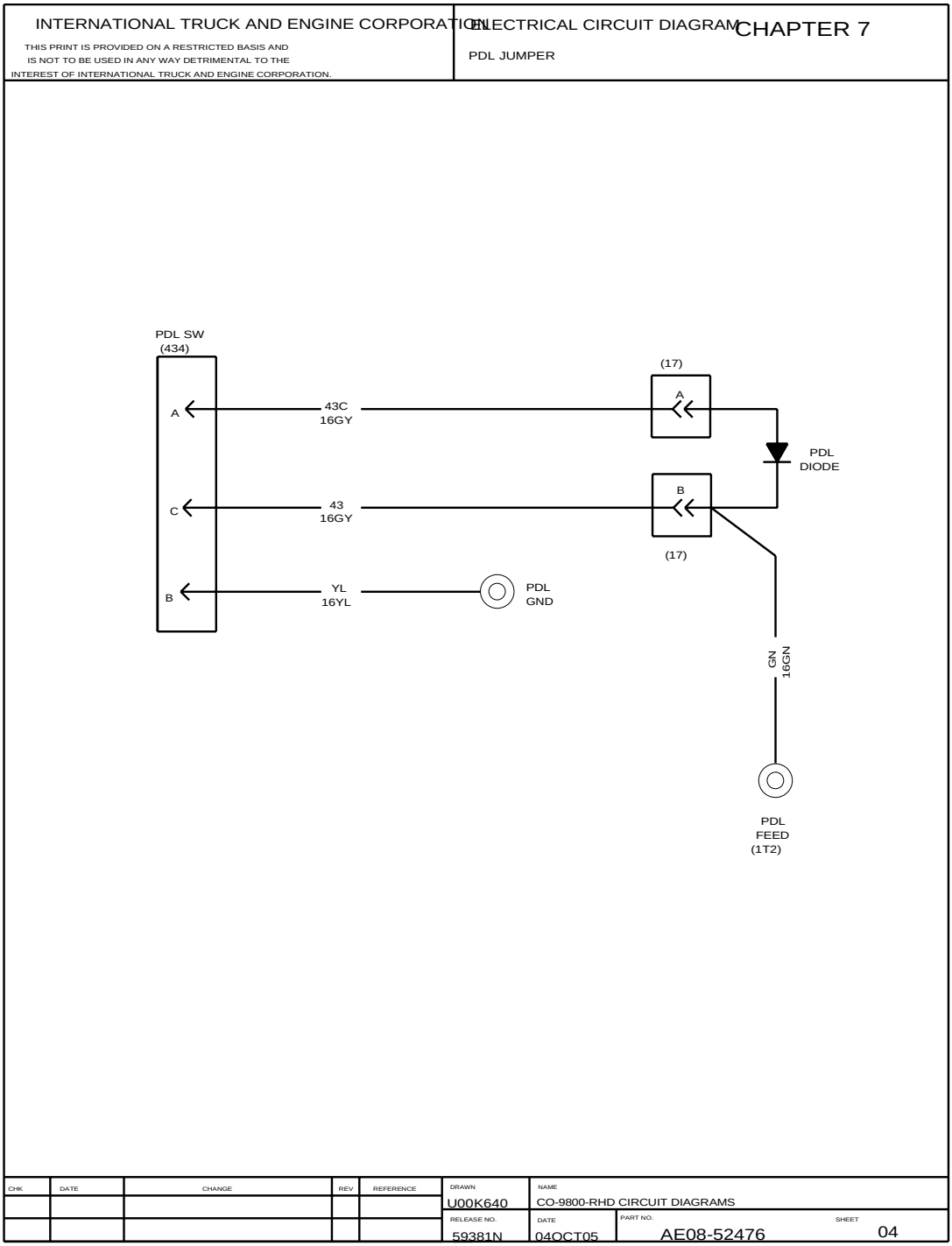

Figure 340 PDL Jumper

22. CAB ACCESSORIES (RHD — CHAPTER 8)

22.1. CIGAR LIGHTER, P. 1

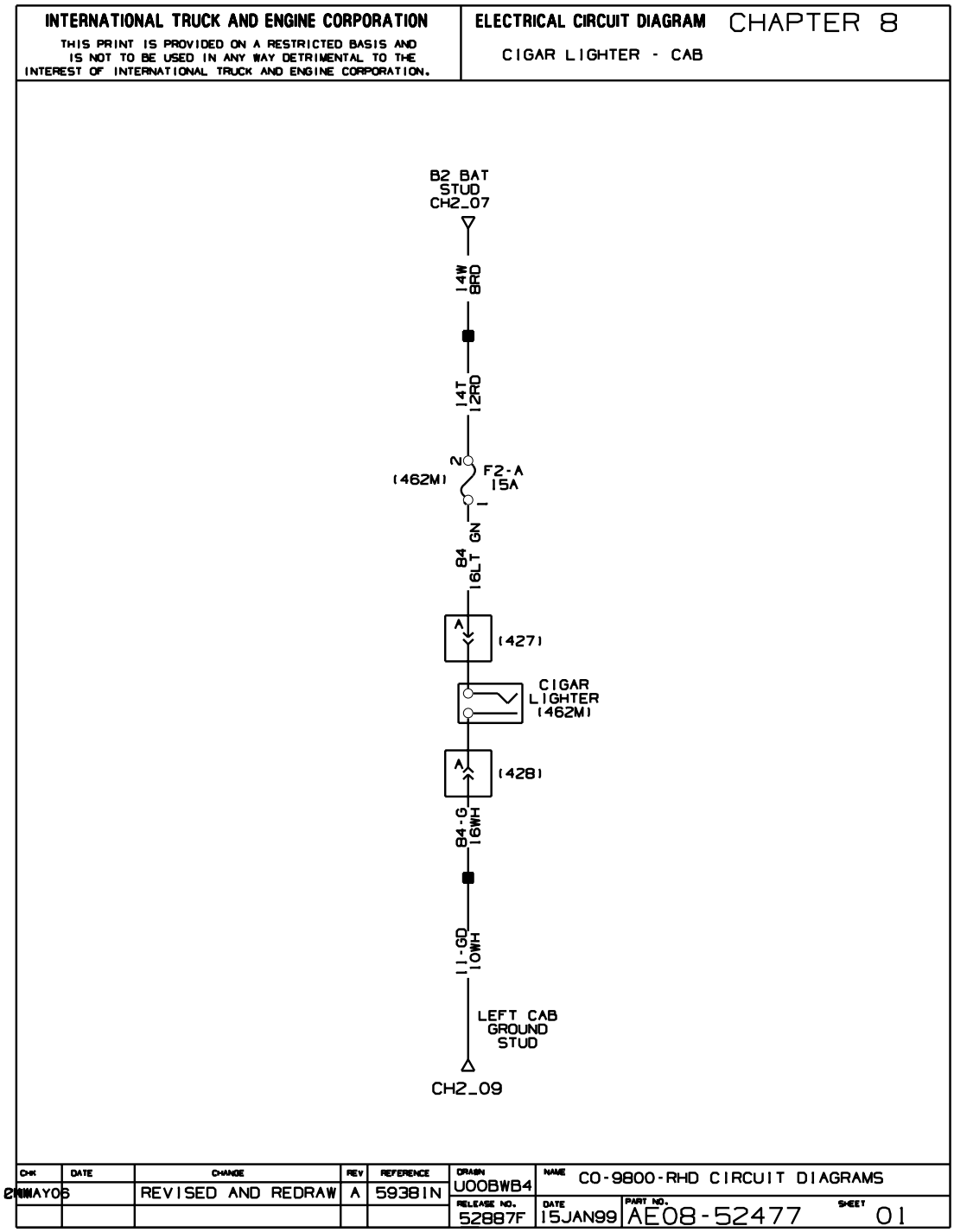

Figure 341 Cigar Lighter

22.2. ELECTRIC WINDOW — RT, P. 2

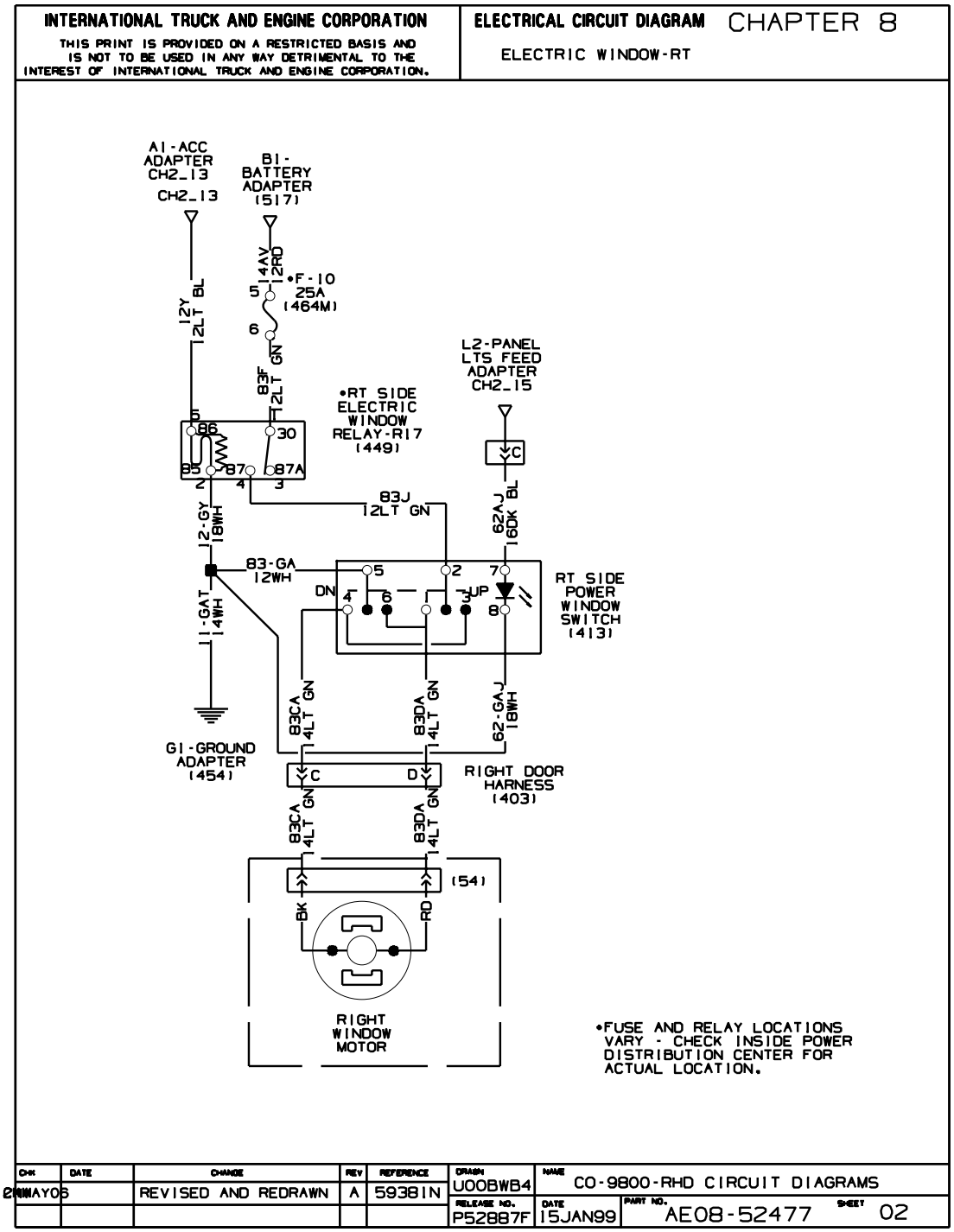

Figure 342 Electric Window — RT

22.3. ELECTRIC WINDOW — LT, P. 3

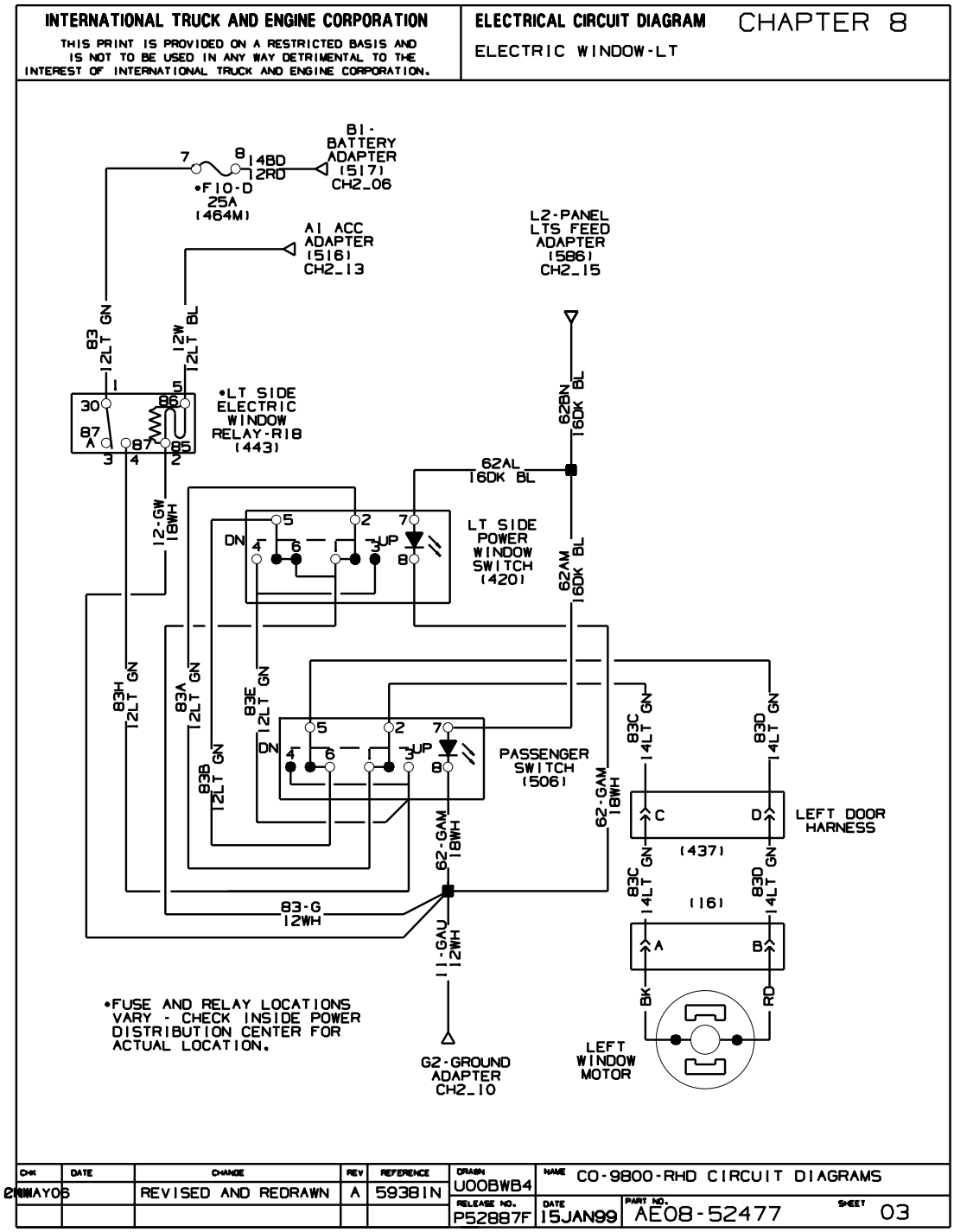

Figure 343 Electric Window — Lt

22.4. ELECTRIC WINDSHIELD WIPERS WITH INTERMITTENT WIPE AND WASH, P. 4

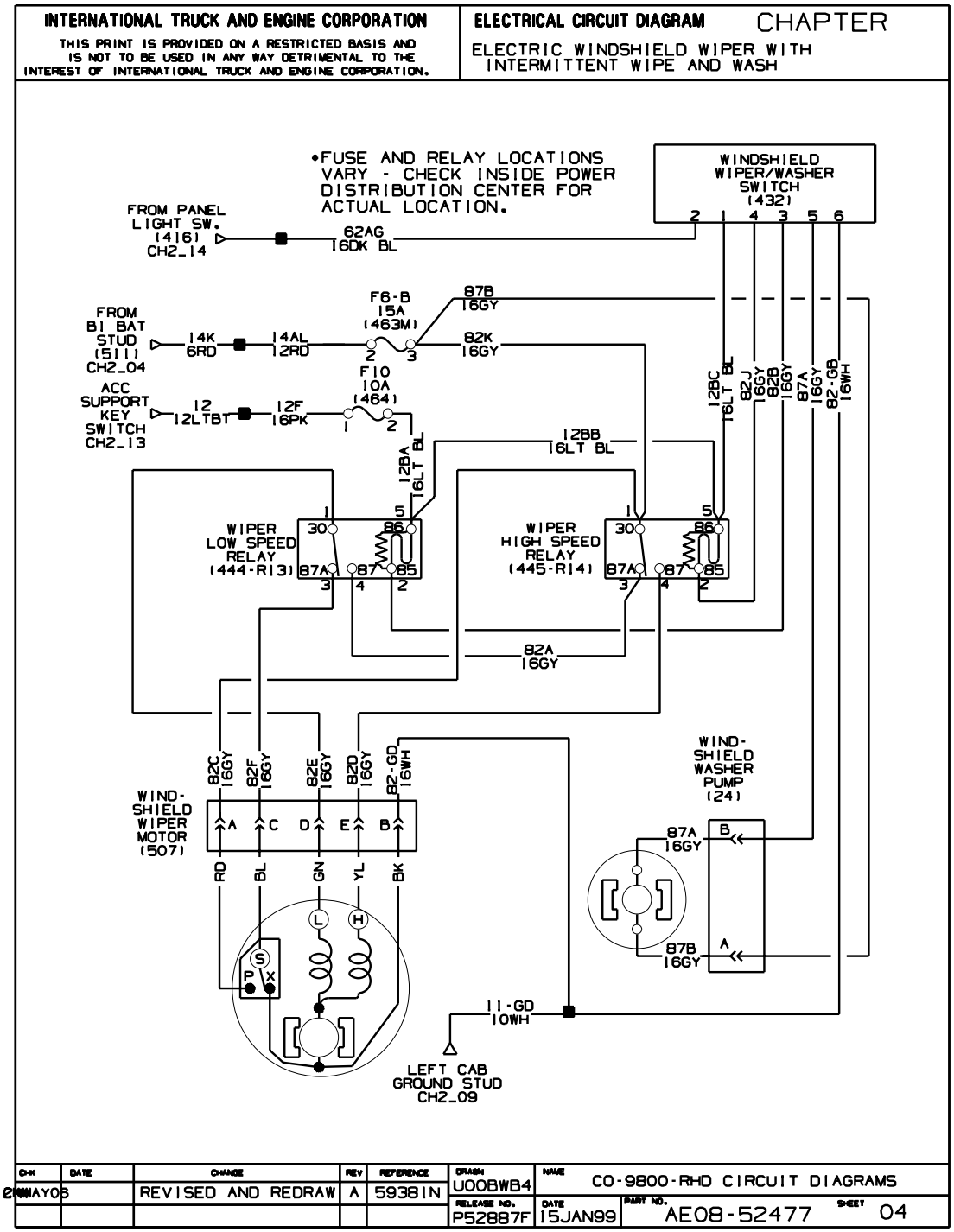

Figure 344 Electric Windshield Wipers with Intermittent Wipe and Wash

22.5. HORN, P. 5

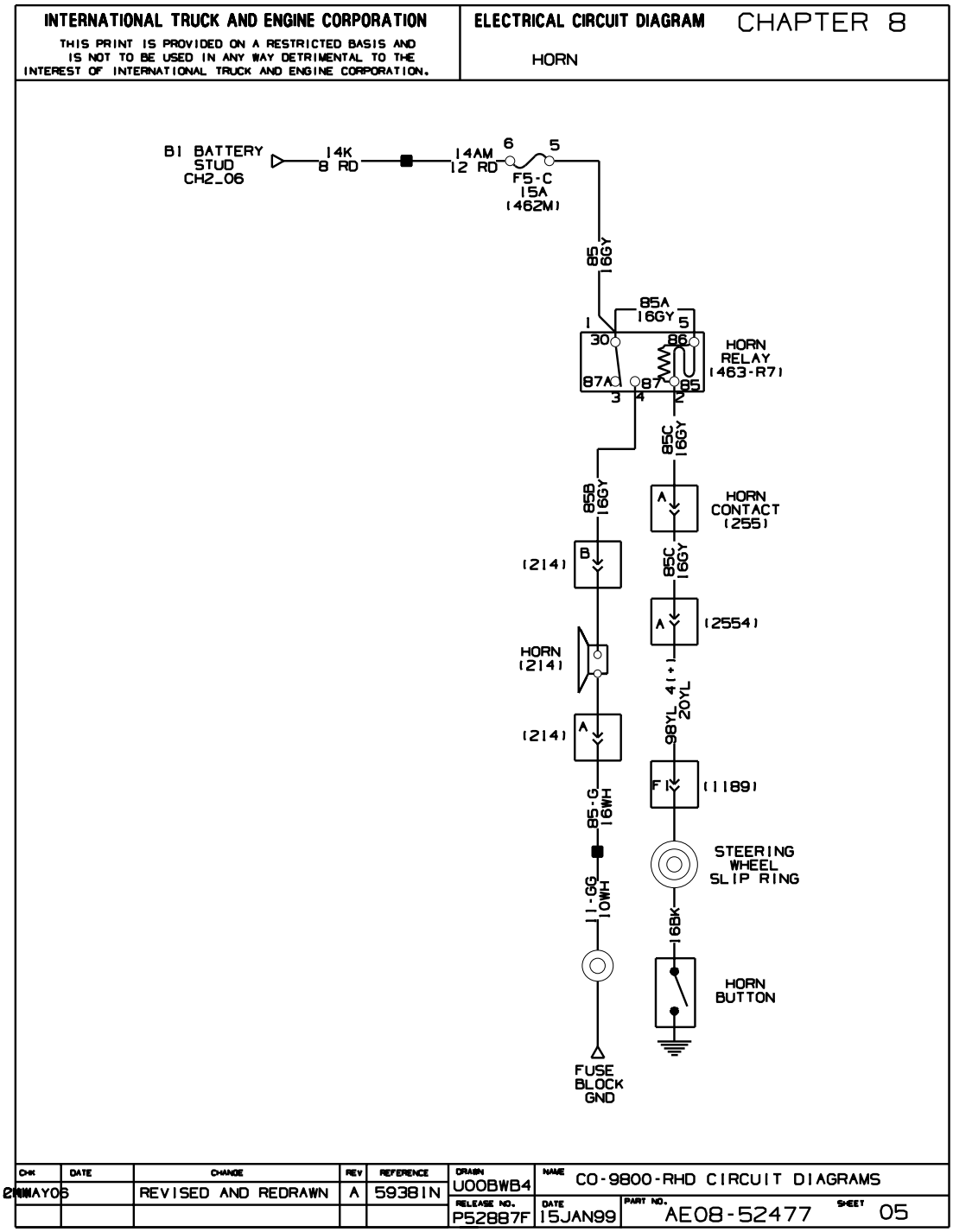

Figure 345 Horn

22.6. RADIO CAB SPEAKERS, P. 6

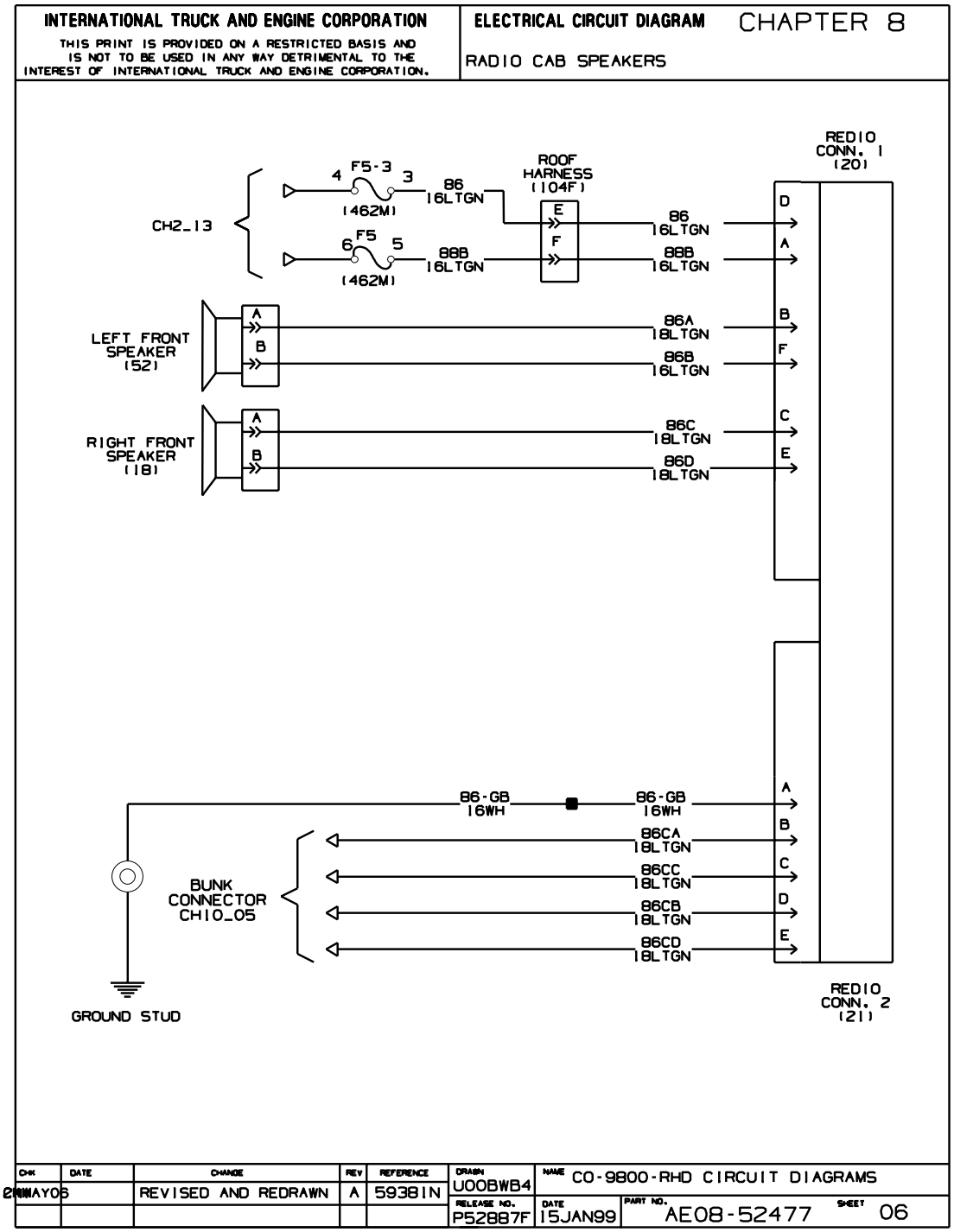

Figure 346 Radio Cab Speakers

22.7. MIRROR LIGHTS AND HEATED MIRRORS, P. 7

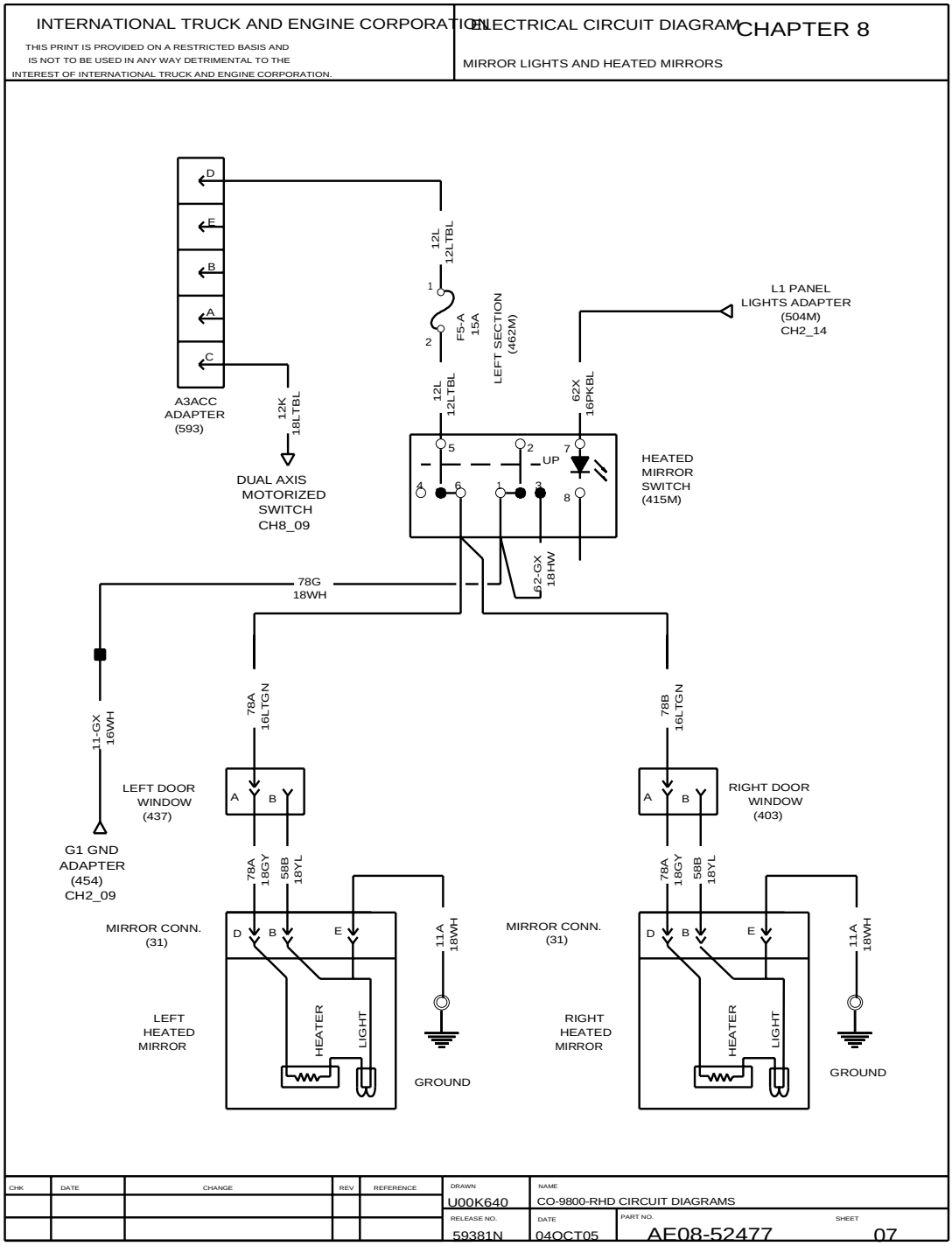

Figure 347 Mirror Lights and Heated Mirrors

22.8. DUAL AXIS MOTORIZED MIRROR, P. 8

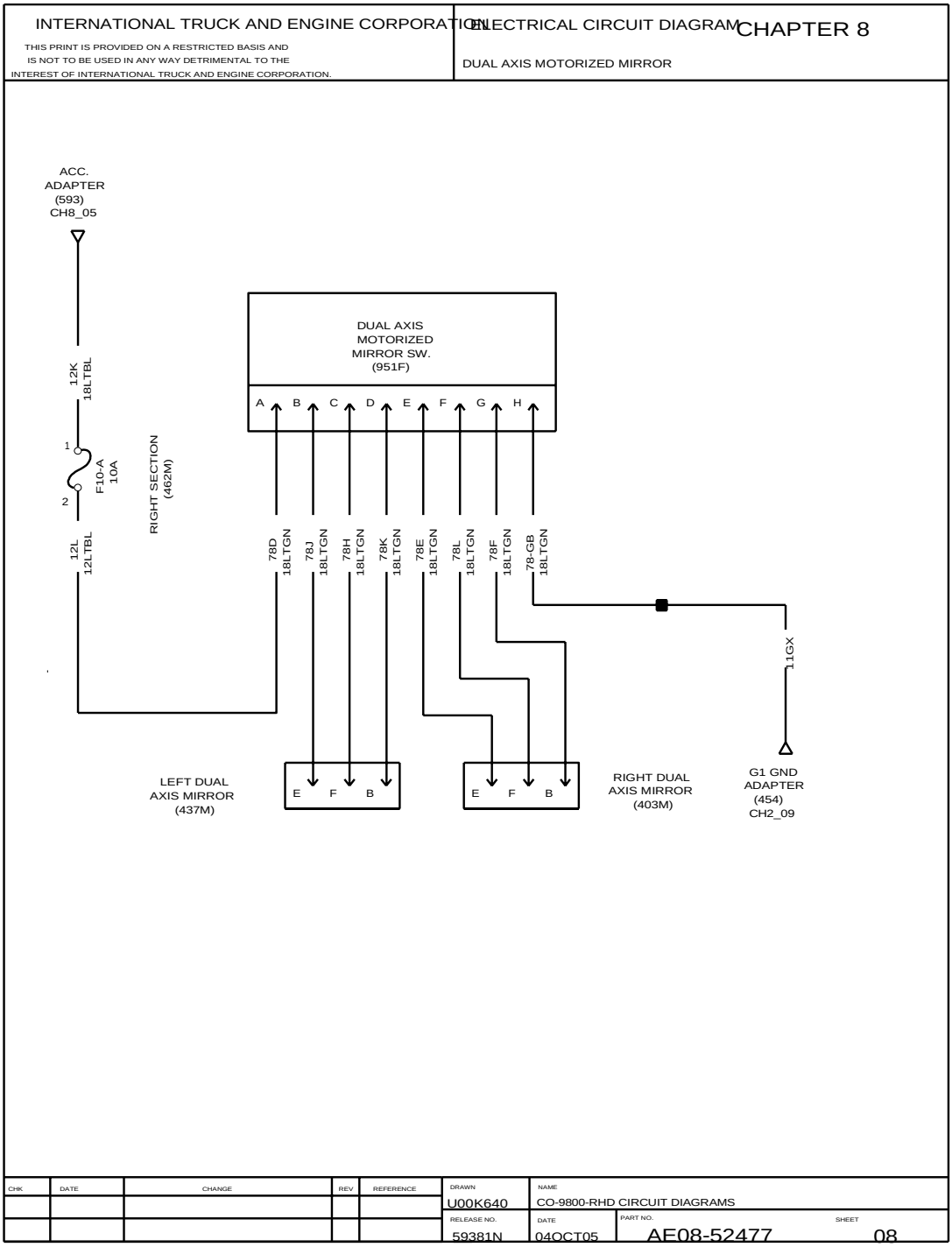

Figure 348 Dual Axis Motorized Mirror

22.9. DEFROSTER FAN, P. 9

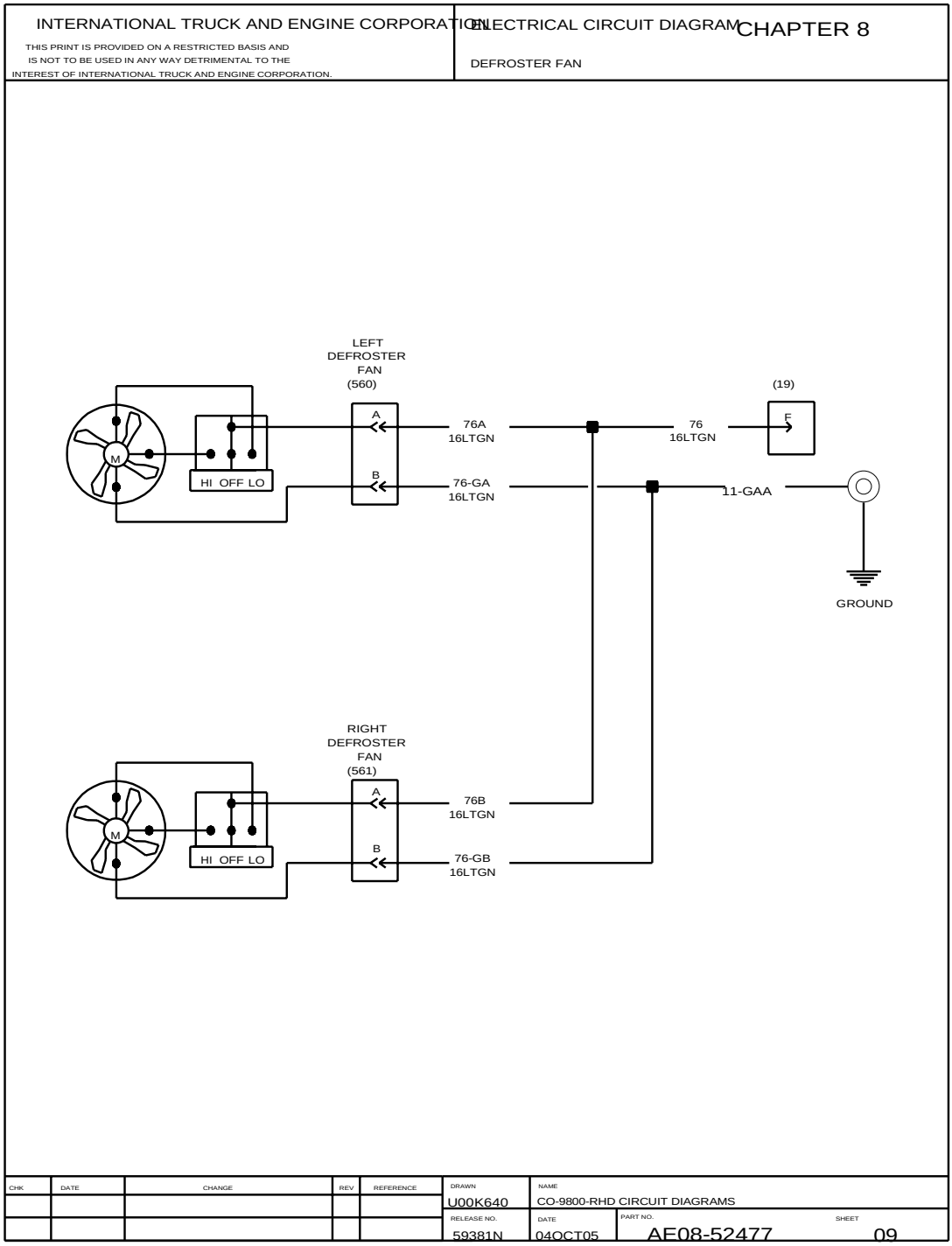

Figure 349 Defroster Fan

23. CHASSIS ACCESSORIES (RHD — CHAPTER 9)

23.1. AIR DRYER AND HEATED FUEL FILTER, P. 1

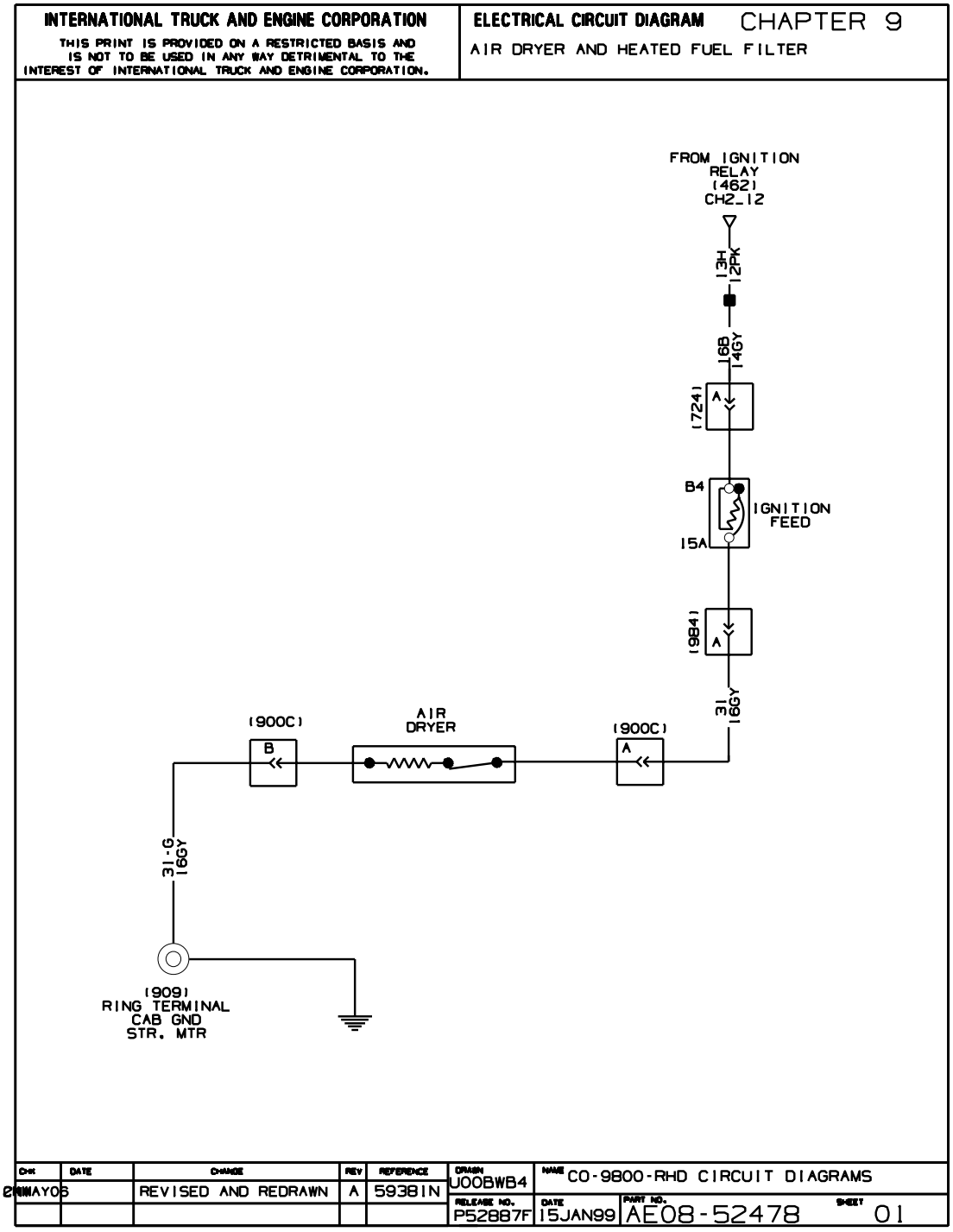

Figure 350 Air Dryer and Heated Fuel Filter

23.2. CHASSIS ACC, TRAILER CONNECTION — BACK OF SLEEPER, P. 2

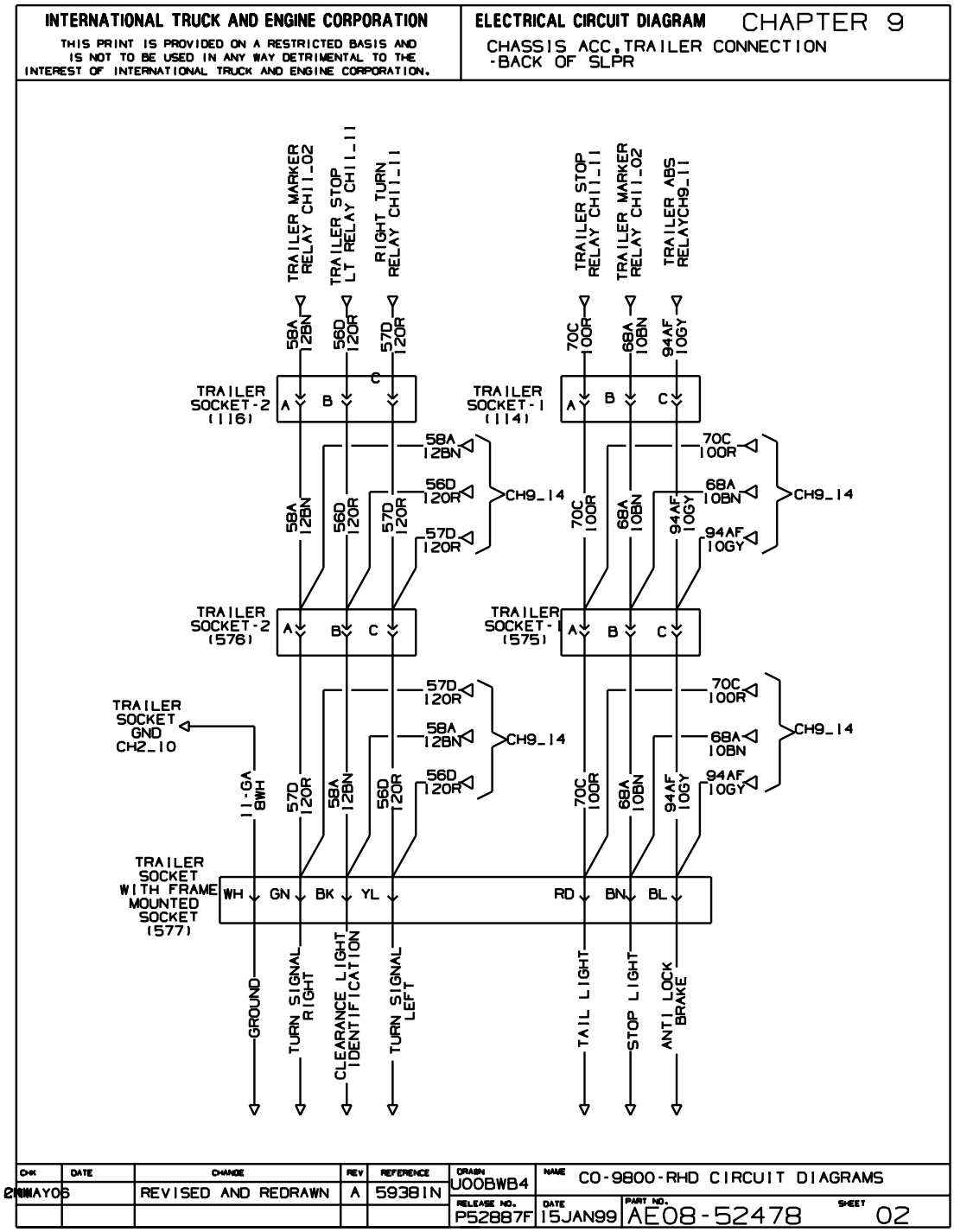

Figure 351 Chassis Acc, Trailer Connection — Back of Sleeper

23.3. EATON AUTO SHIFT TRANSMISSION, P. 3

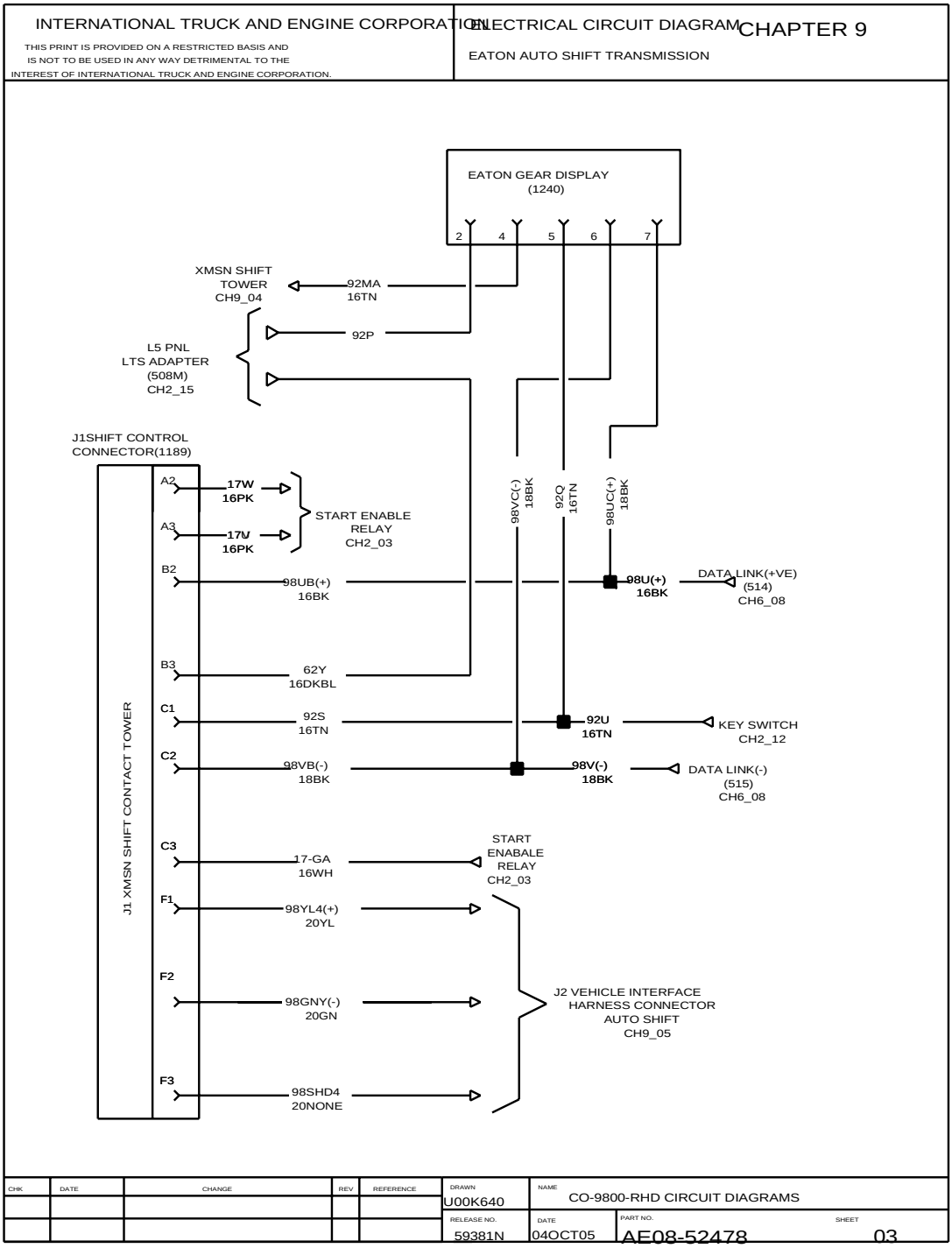

Figure 352 Eaton Auto Shift Transmission

23.4. EATON AUTO SHIFT TRANSMISSION (CONT.), P. 4

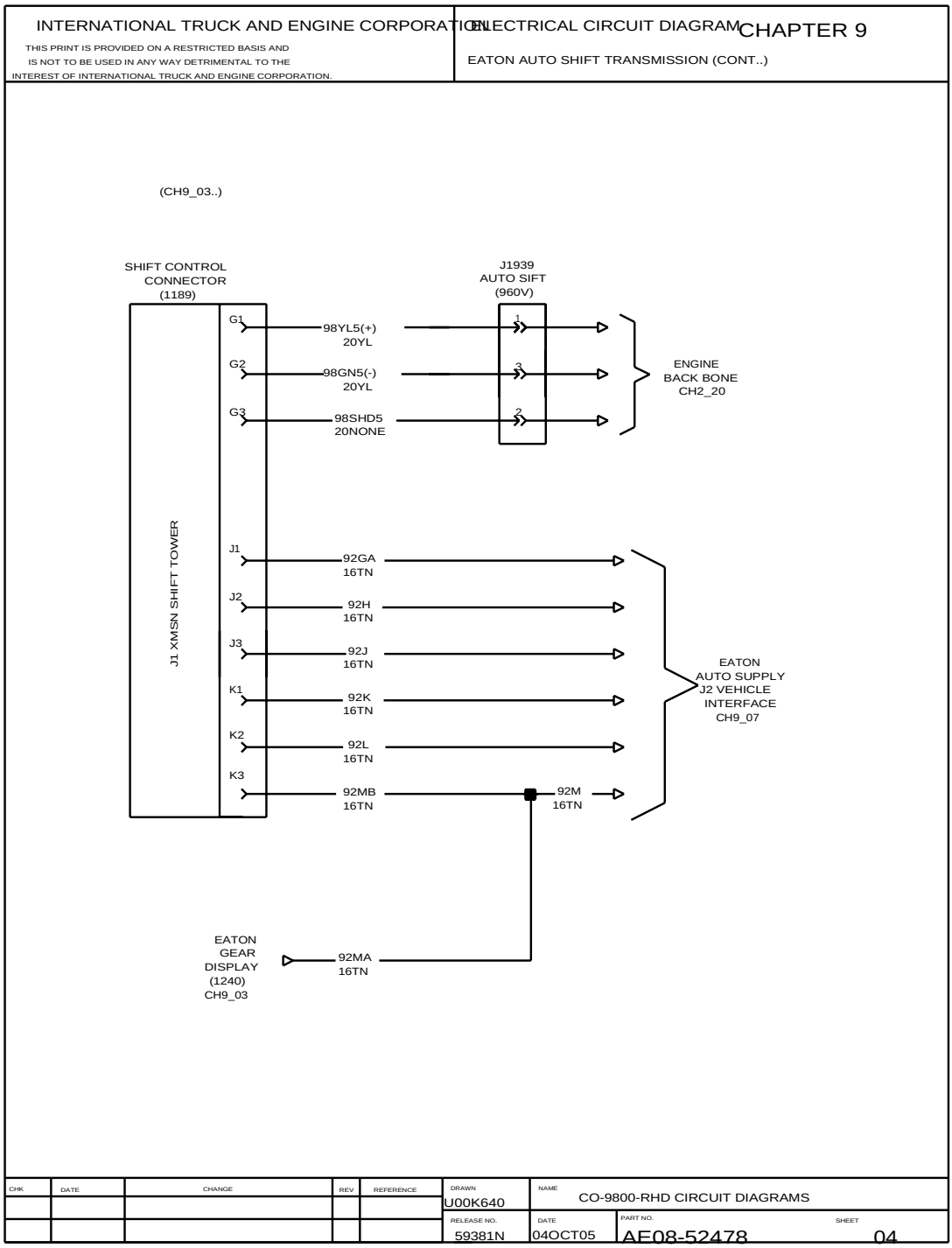

Figure 353 Eaton Auto Shift Transmission (cont.)

23.5. EATON AUTO SHIFT–2 TRANSMISSION, P. 5

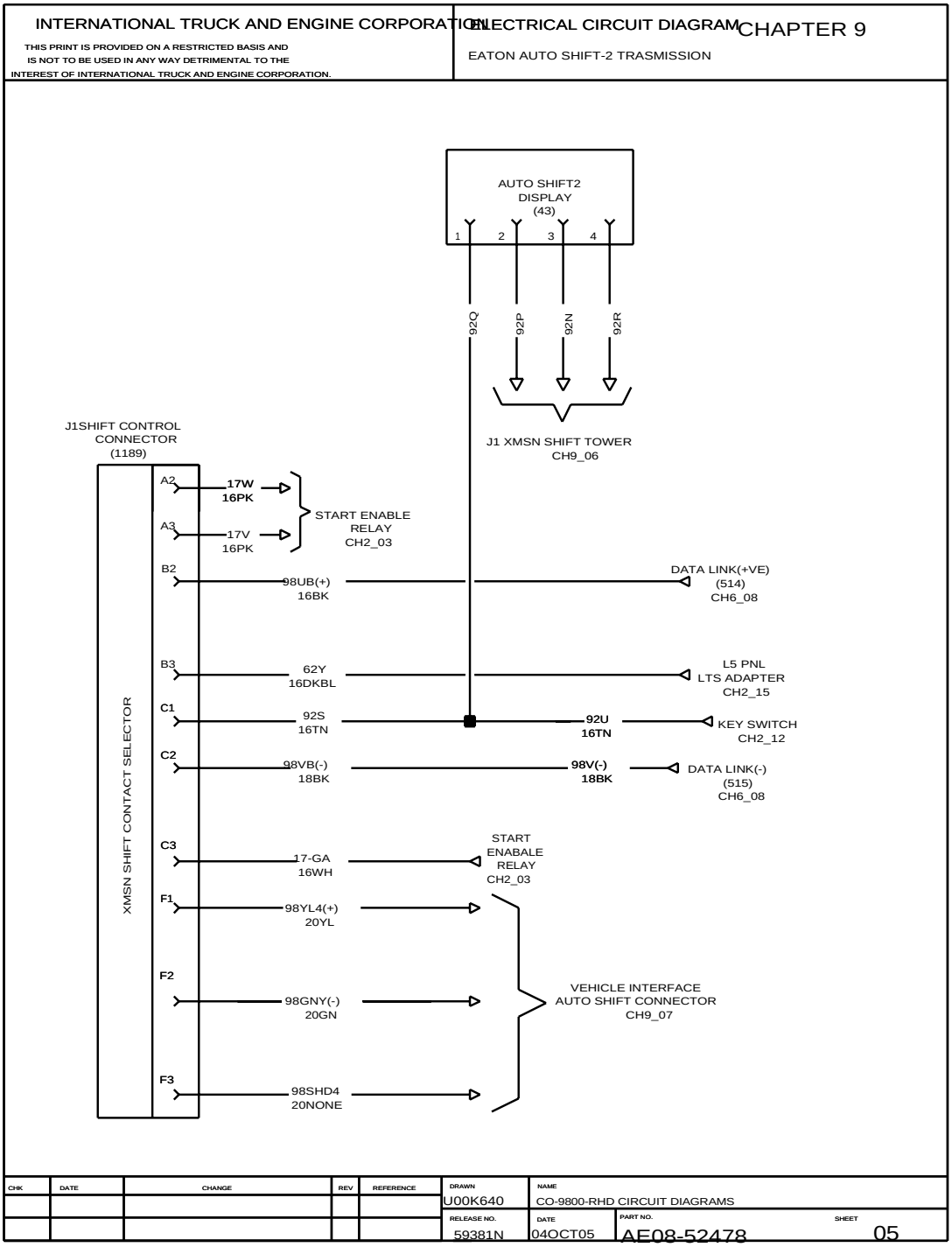

Figure 354 Eaton Auto Shift–2 Transmission

23.6. EATON AUTO SHIFT TRANSMISSION, P. 6

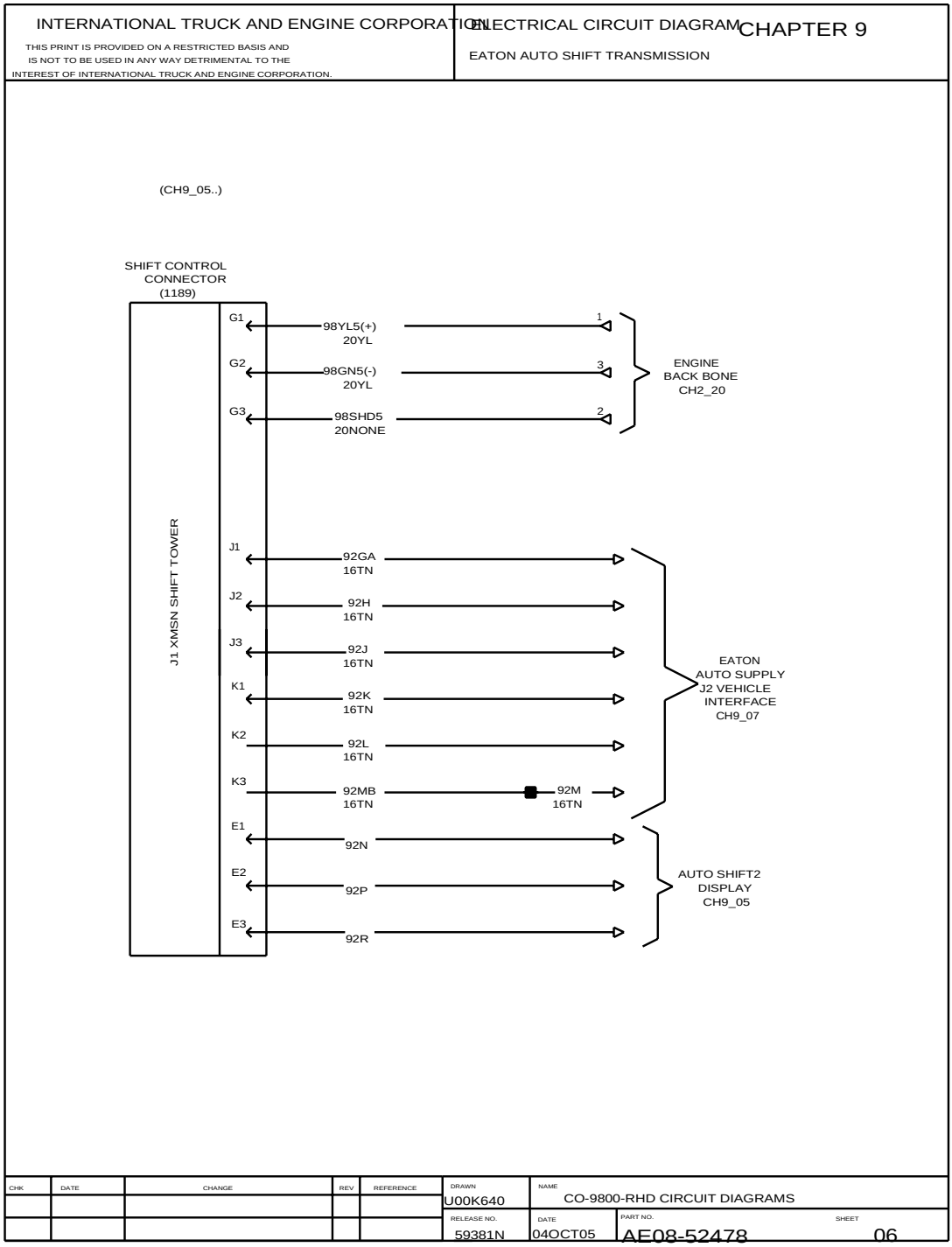

Figure 355 Eaton Auto Shift Transmission

23.7. EATON AUTO SHIFT TRANSMISSION — ECM, P. 7

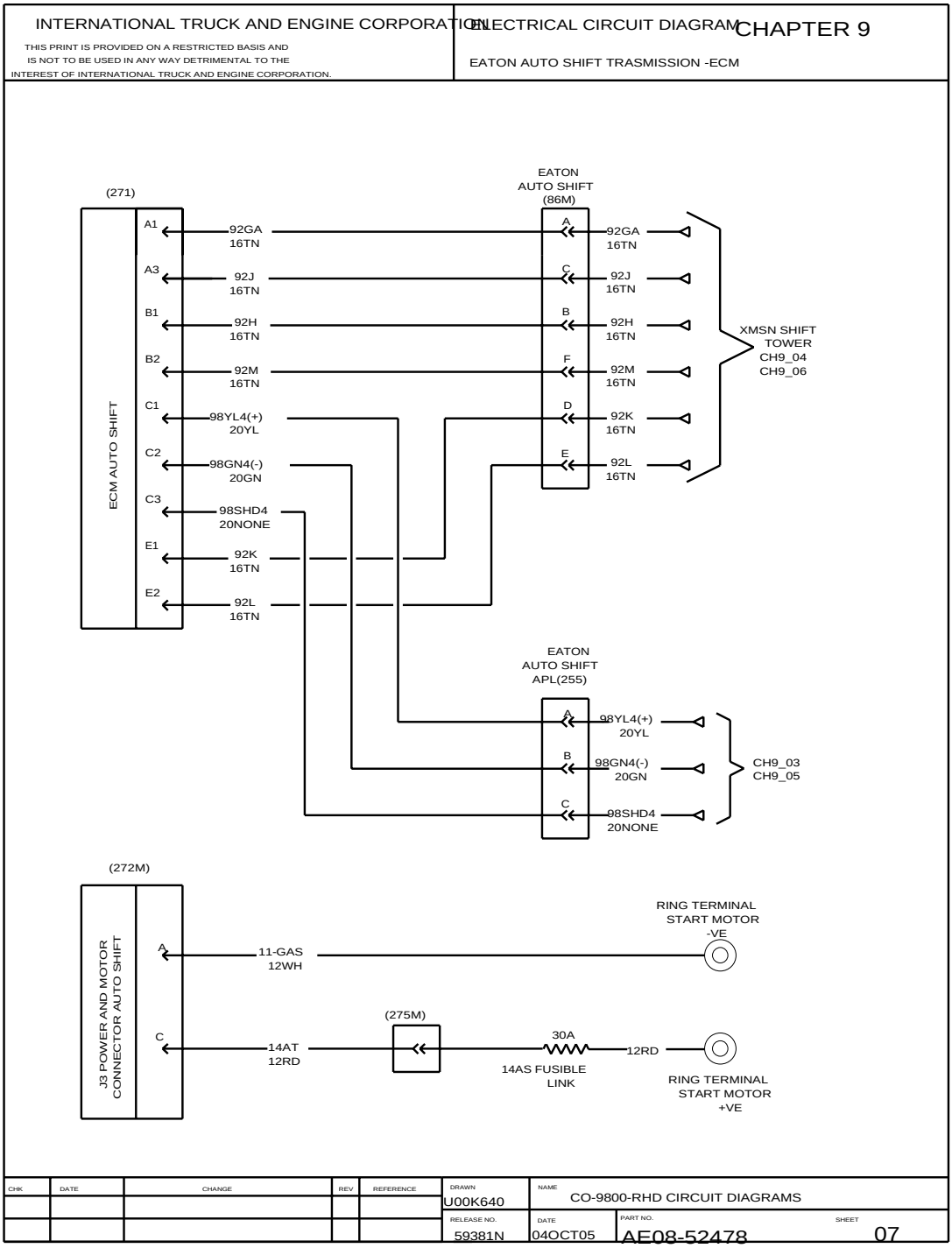

Figure 356 Eaton Auto Shift Transmission — ECM

23.8. ABS CONTROL MODULE, P. 8

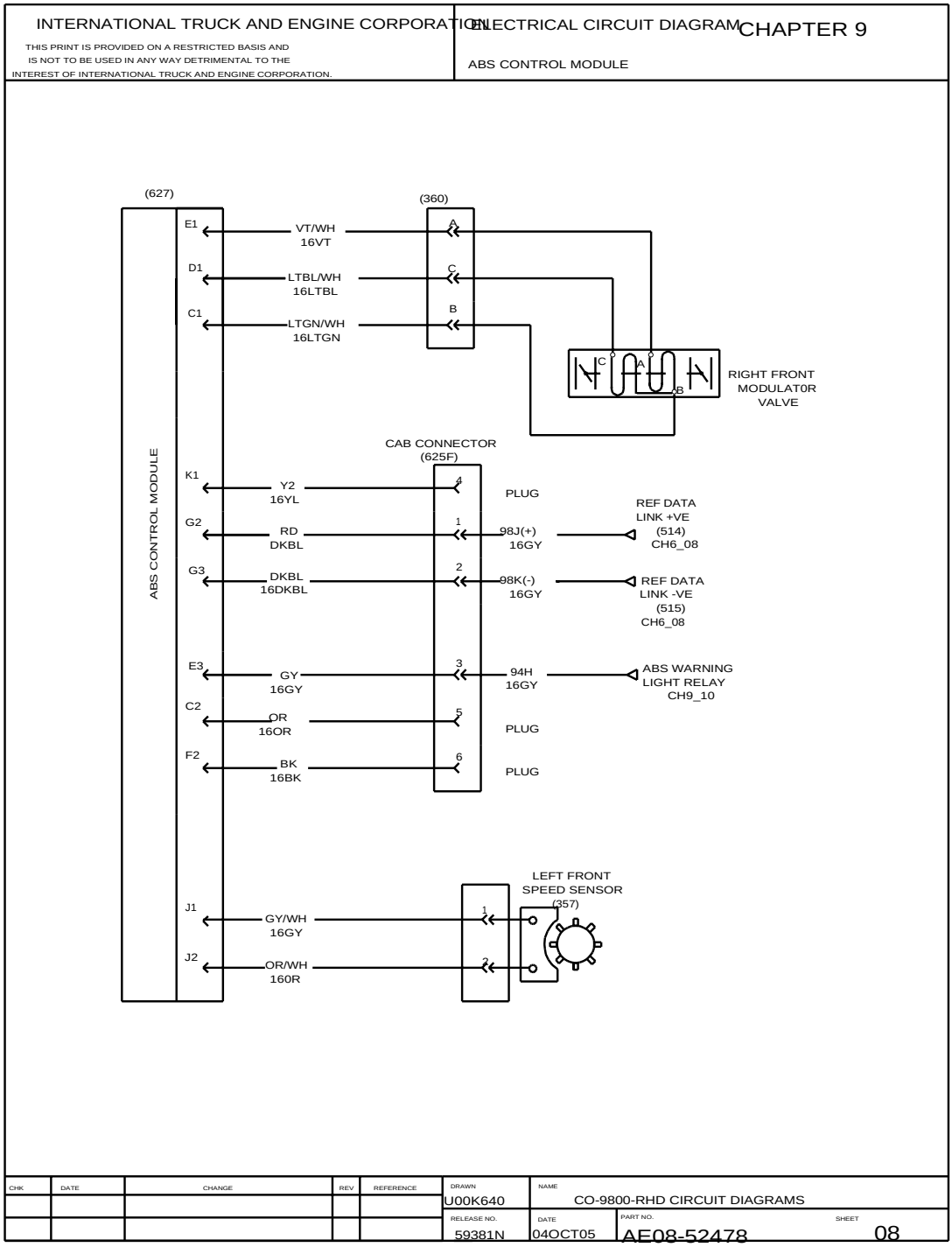

Figure 357 ABS Control Module

23.9. ABS CONTROL MODULE, P. 9

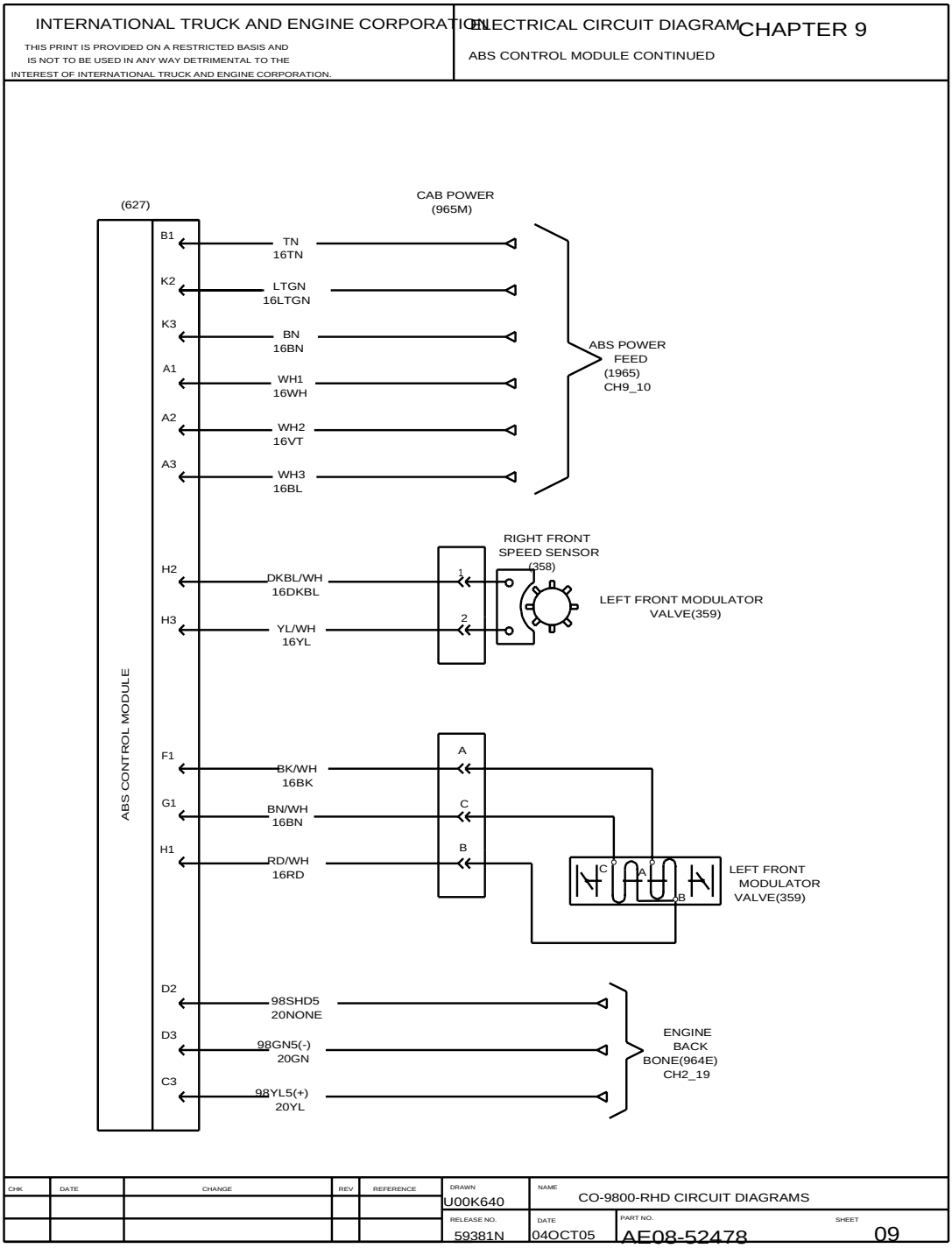

Figure 358 ABS Control Module

23.10. ABS POWER FEED AND WARNING LIGHTS, P. 10

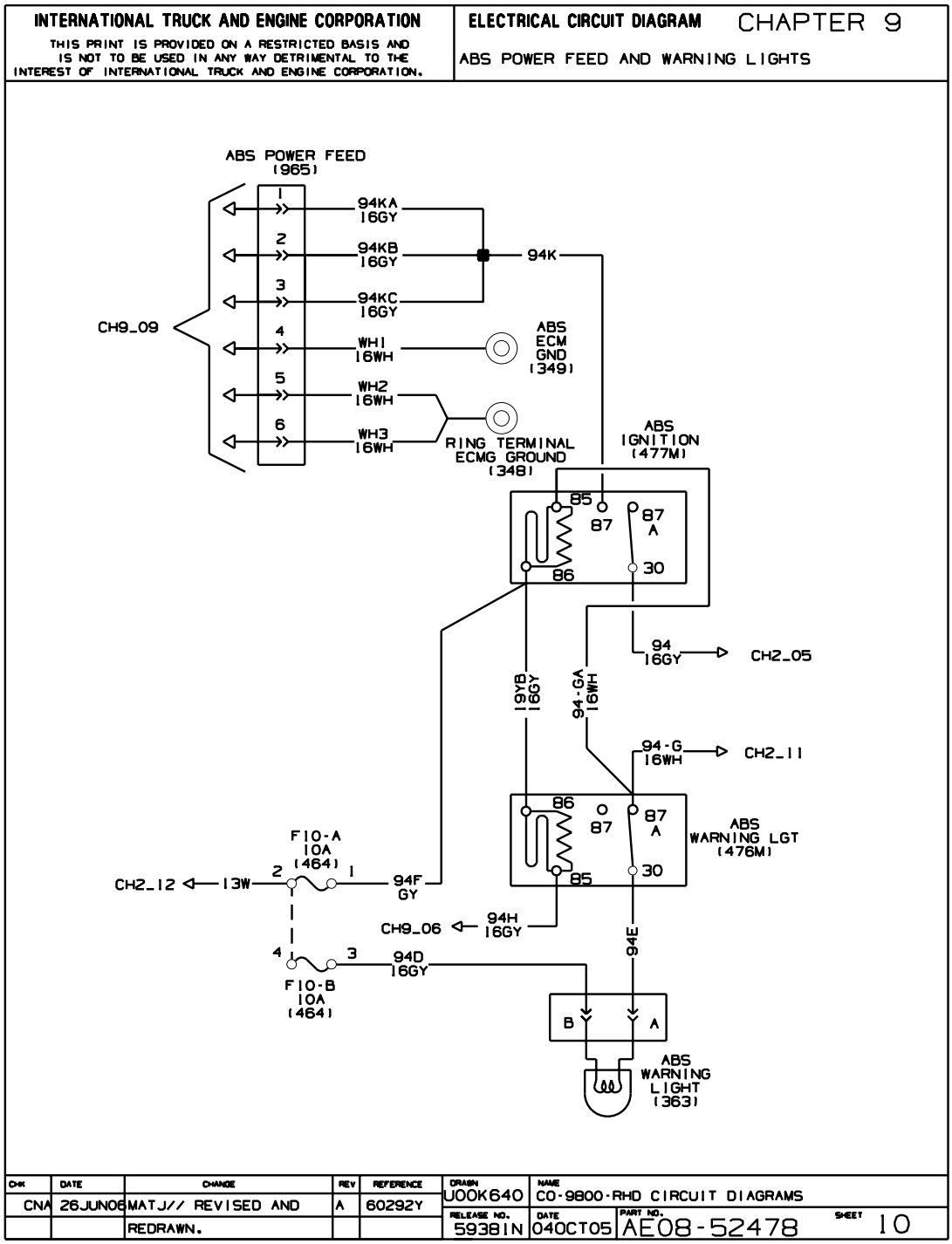

Figure 359 ABS Power Feed and Warning Lights

23.11. TRAILER ABS FEED, P. 11

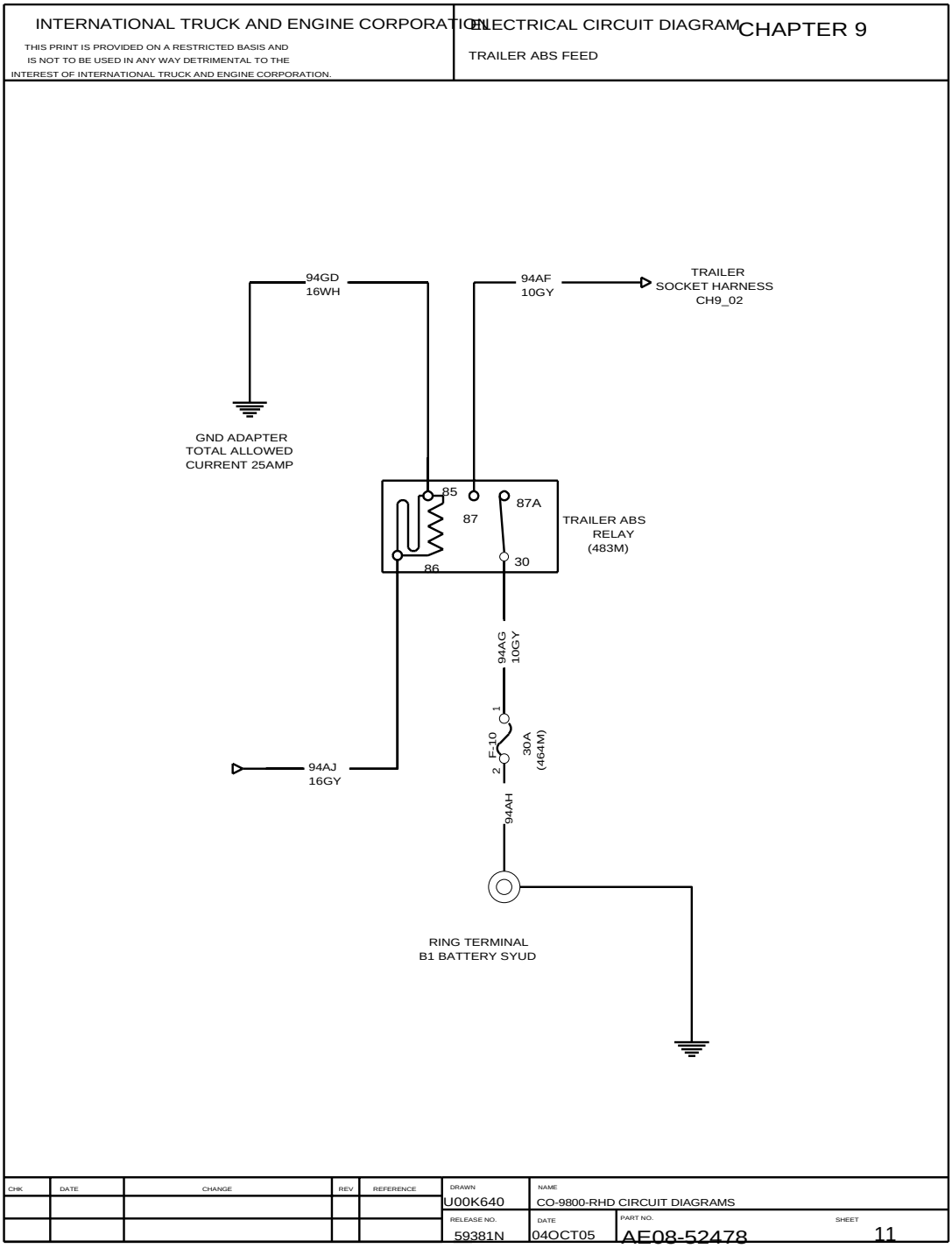

Figure 360 Trailer ABS Feed

23.12. TRAILER CONNECTION WITH SLEEPER, MOUNTED BACK OF SLEEPER, P. 12

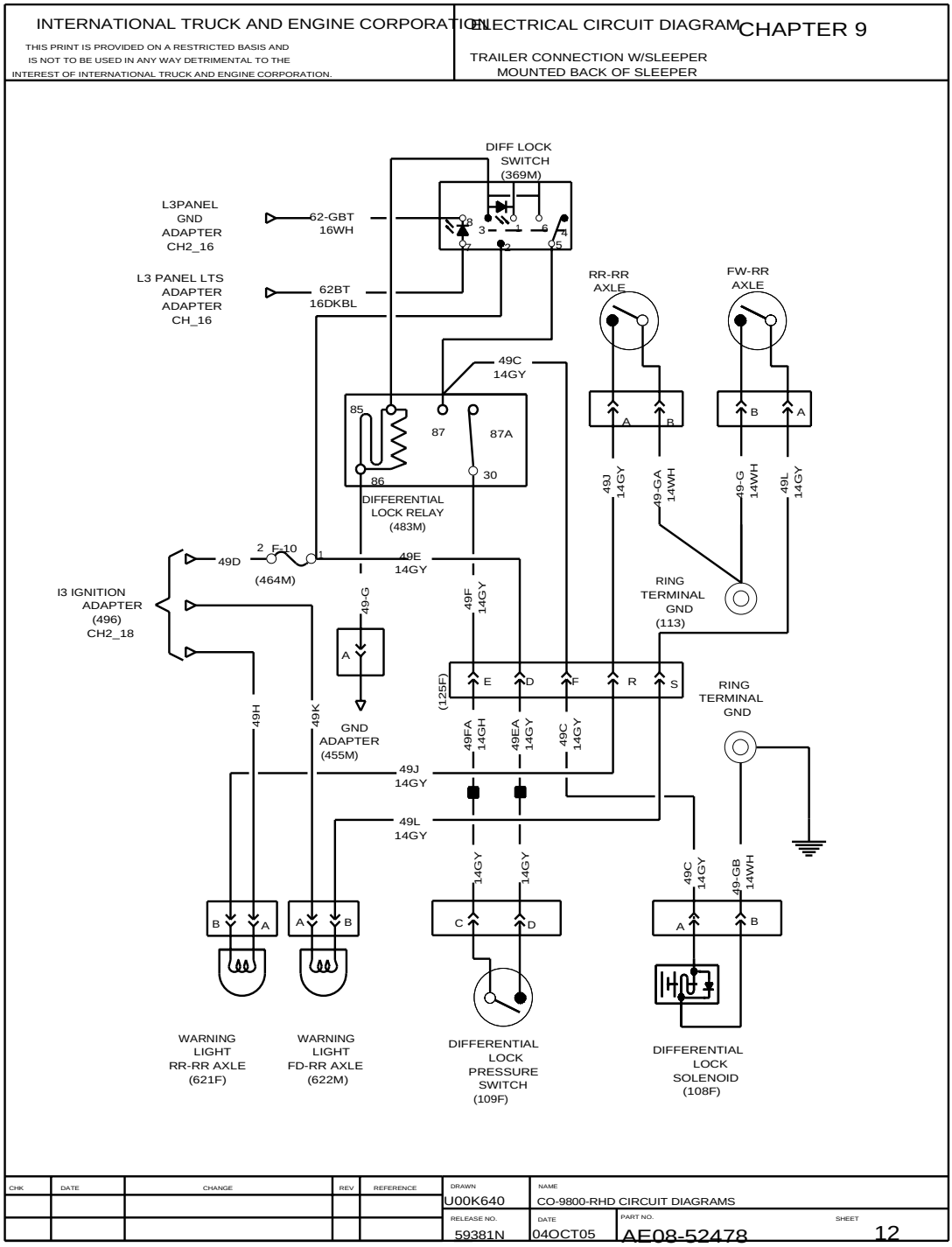

Figure 361 Trailer Connection with Sleeper, Mounted Back of Sleeper

23.13. AIR SUSPENSION RELEASE WARNING LIGHT, P. 13

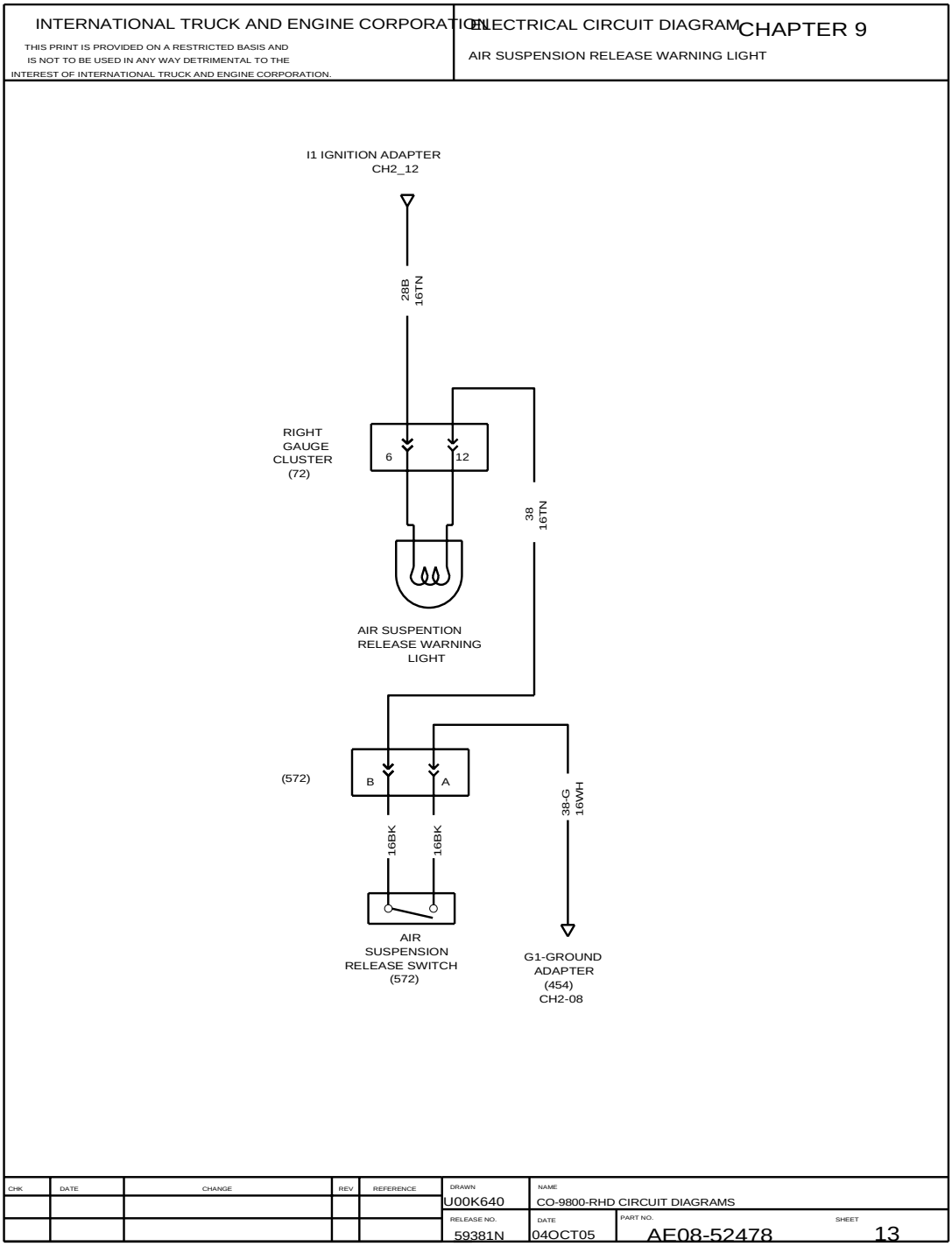

Figure 362 Air Suspension Release Warning Light

23.14. CHASSIS PASS THROUGH FOR TRAILER CONNECTION, P. 14

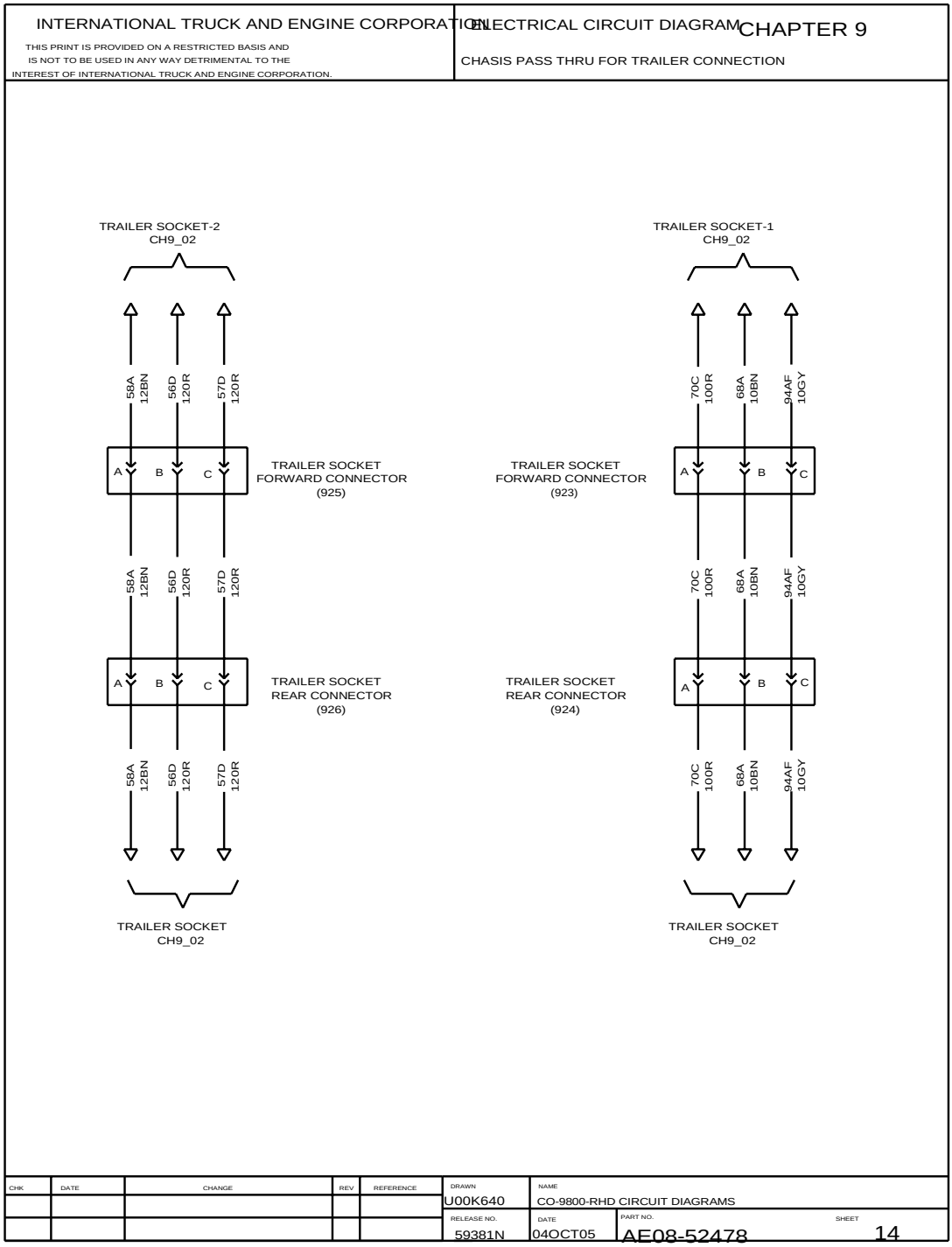

Figure 363 Chassis Pass through for Trailer Connection

23.15. CAB LIFT PUMP WITH ELECTRIC ASSISTANCE PUMP, P. 15

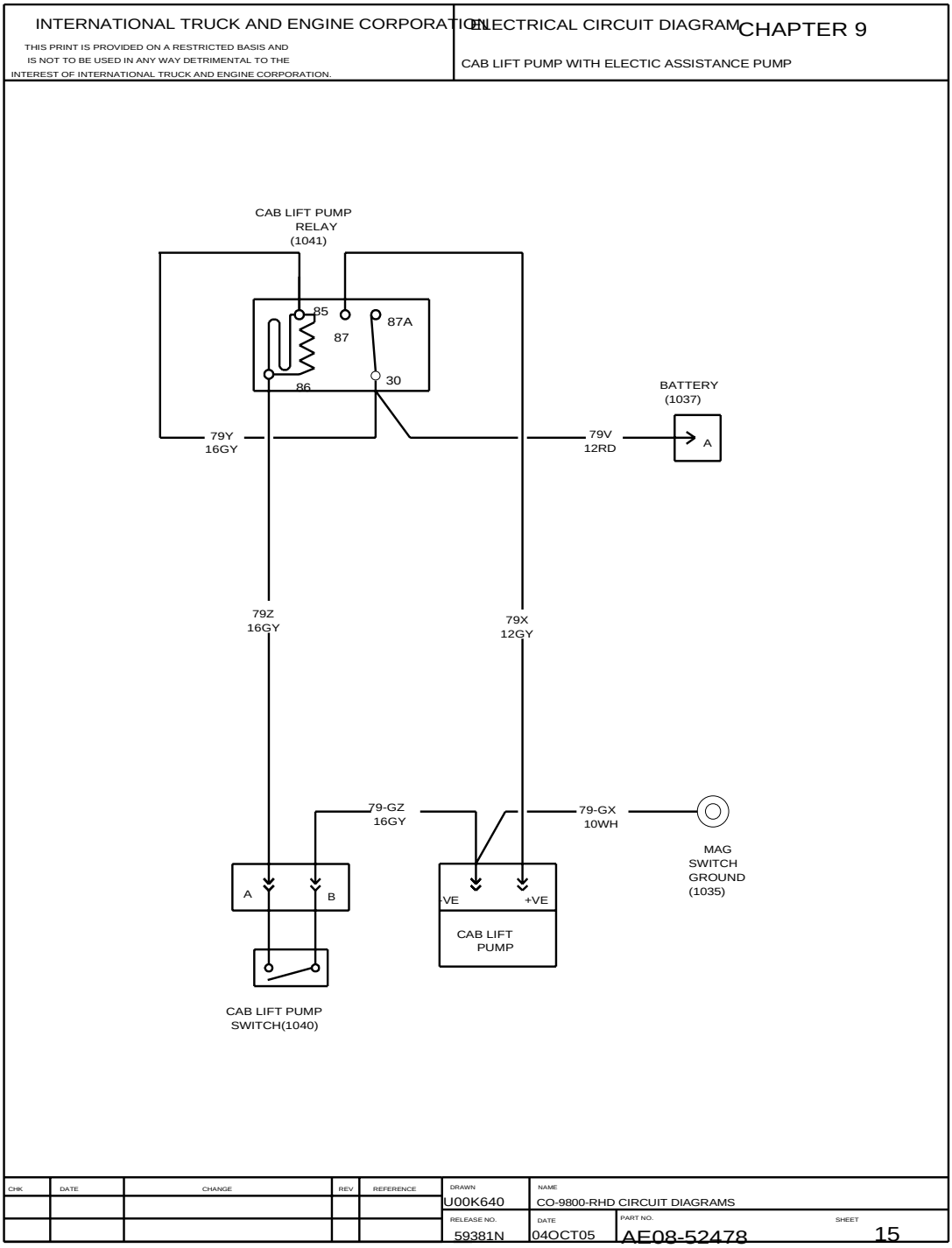

Figure 364 Cab Lift Pump with Electric Assistance Pump

23.16. ABS6 AIR, POWER, WARNING LIGHTS, P. 16

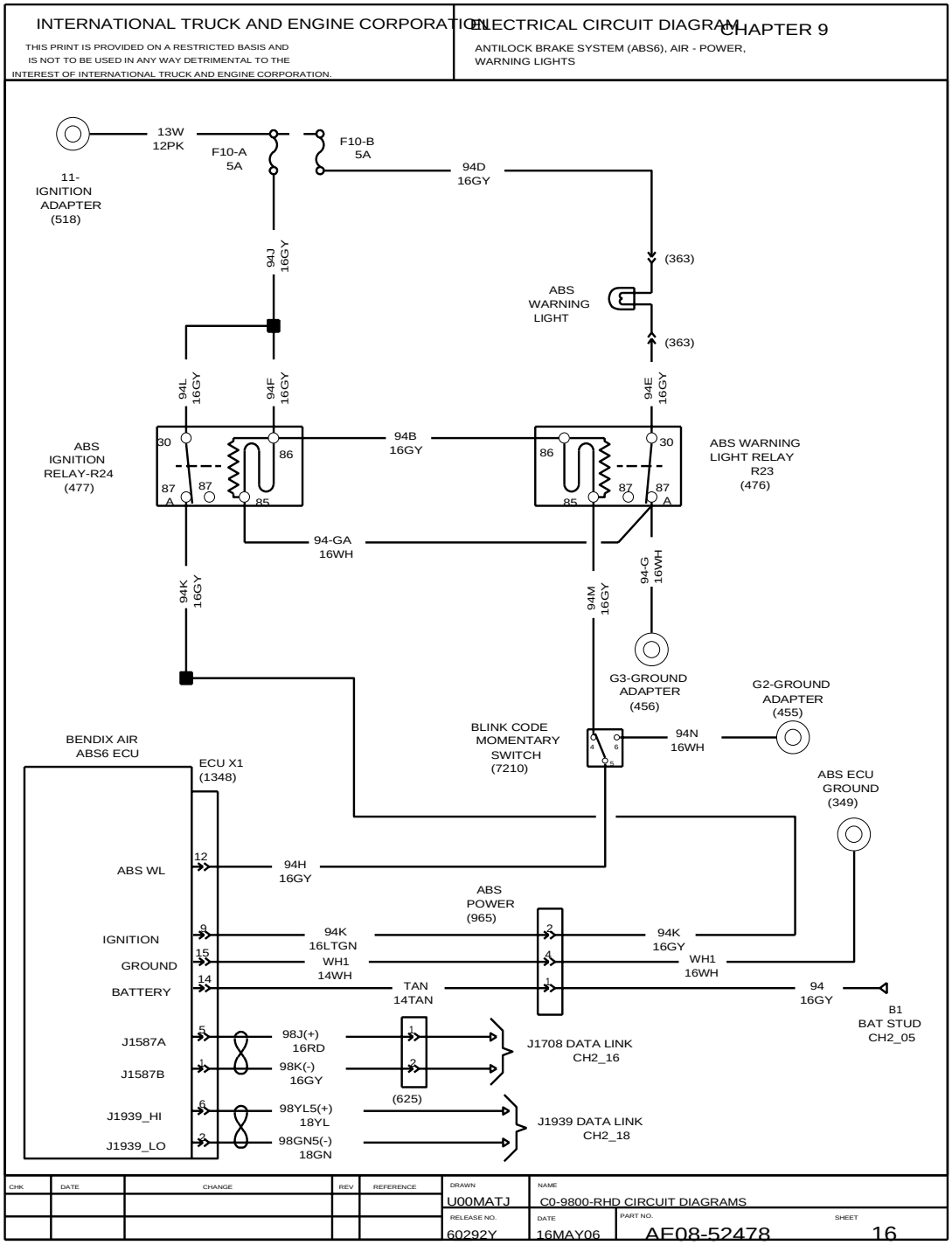

Figure 365 ABS6 Air, Power, Warning Lights

23.17. ABS6 AIR, TRACTION CONTROL, P. 17

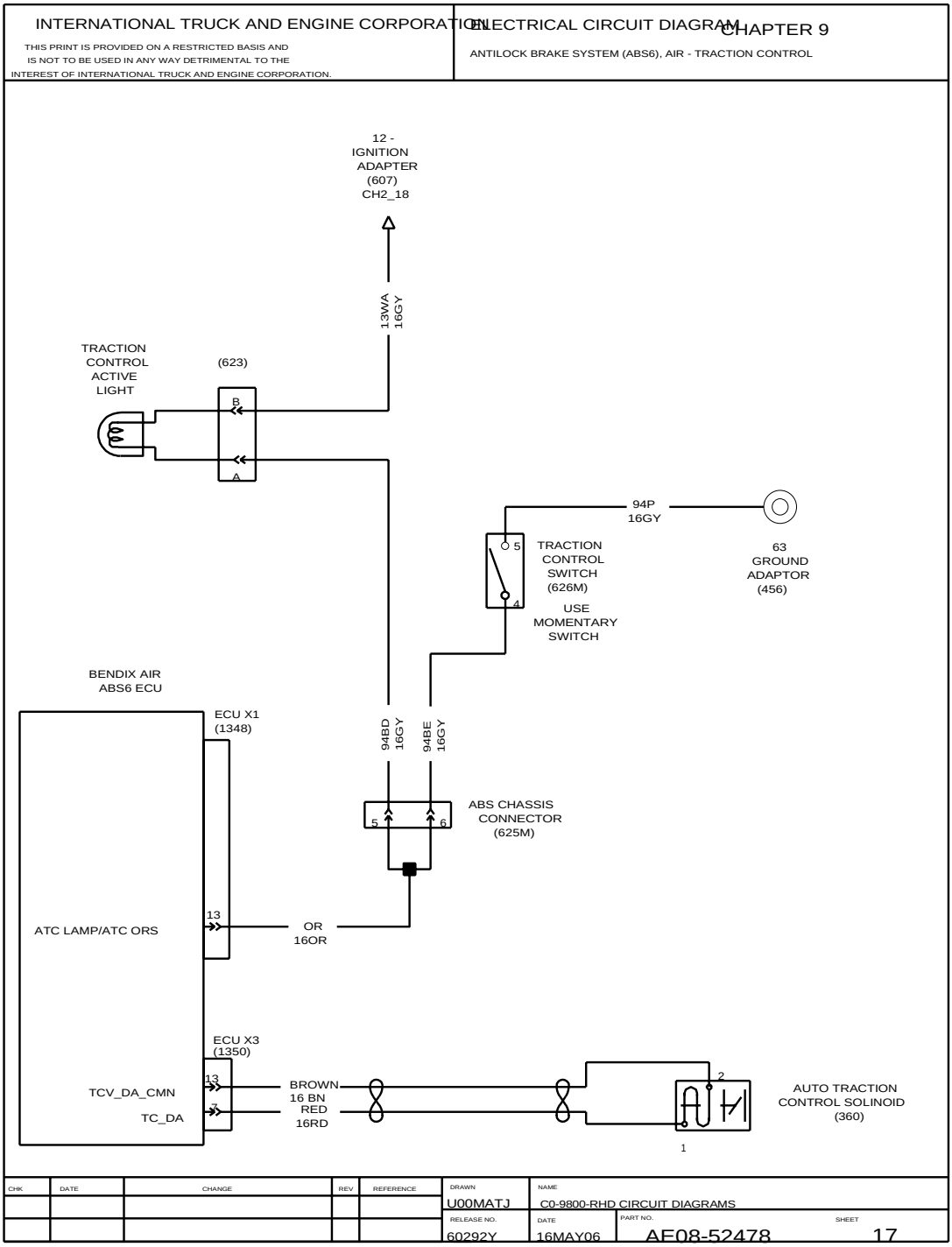

Figure 366 ABS6 Air, Traction Control

23.18. ABS6 AIR, CHASSIS, P. 18

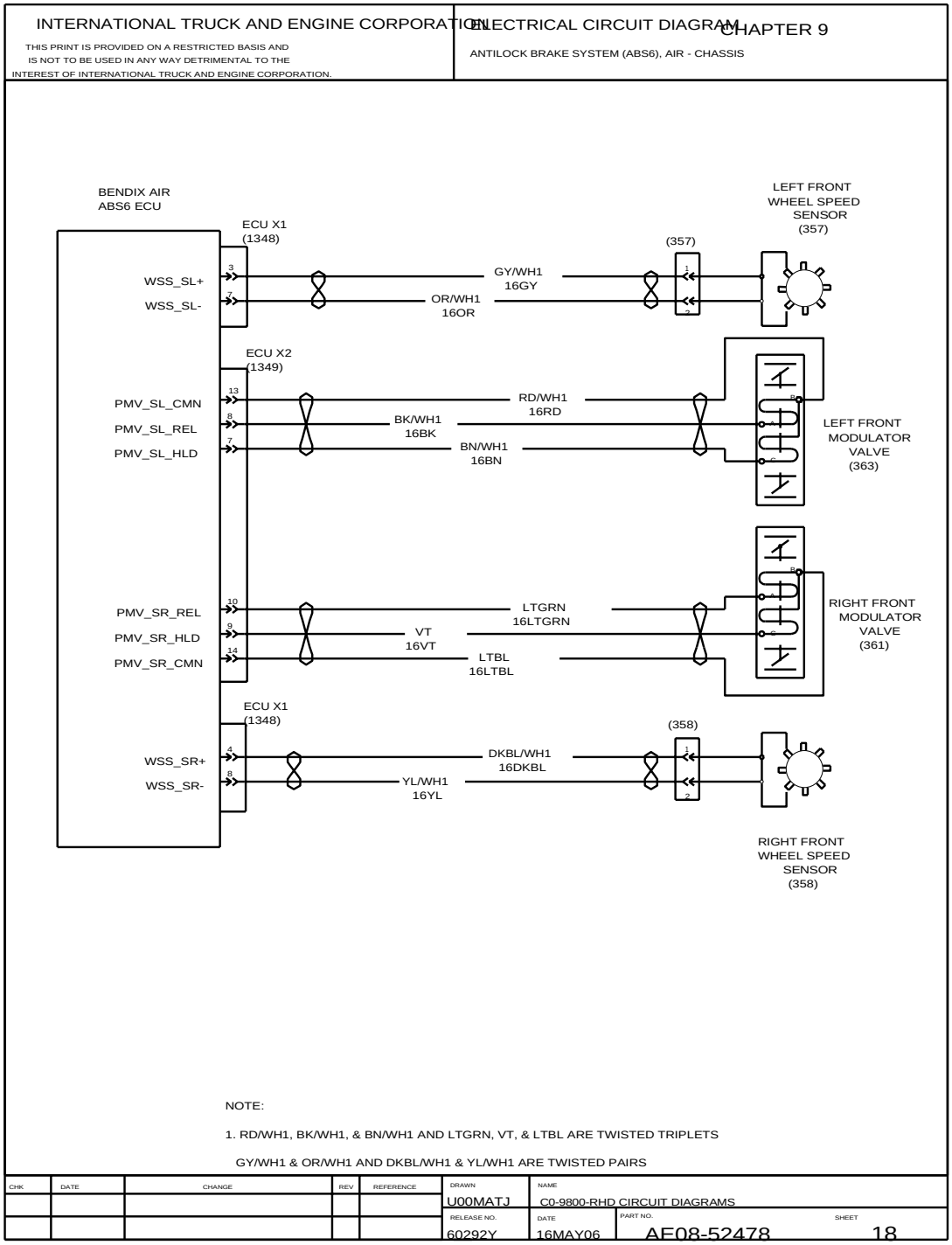

Figure 367 ABS6 Air, Chassis

23.19. ABS6 AIR, CHASSIS, P. 19

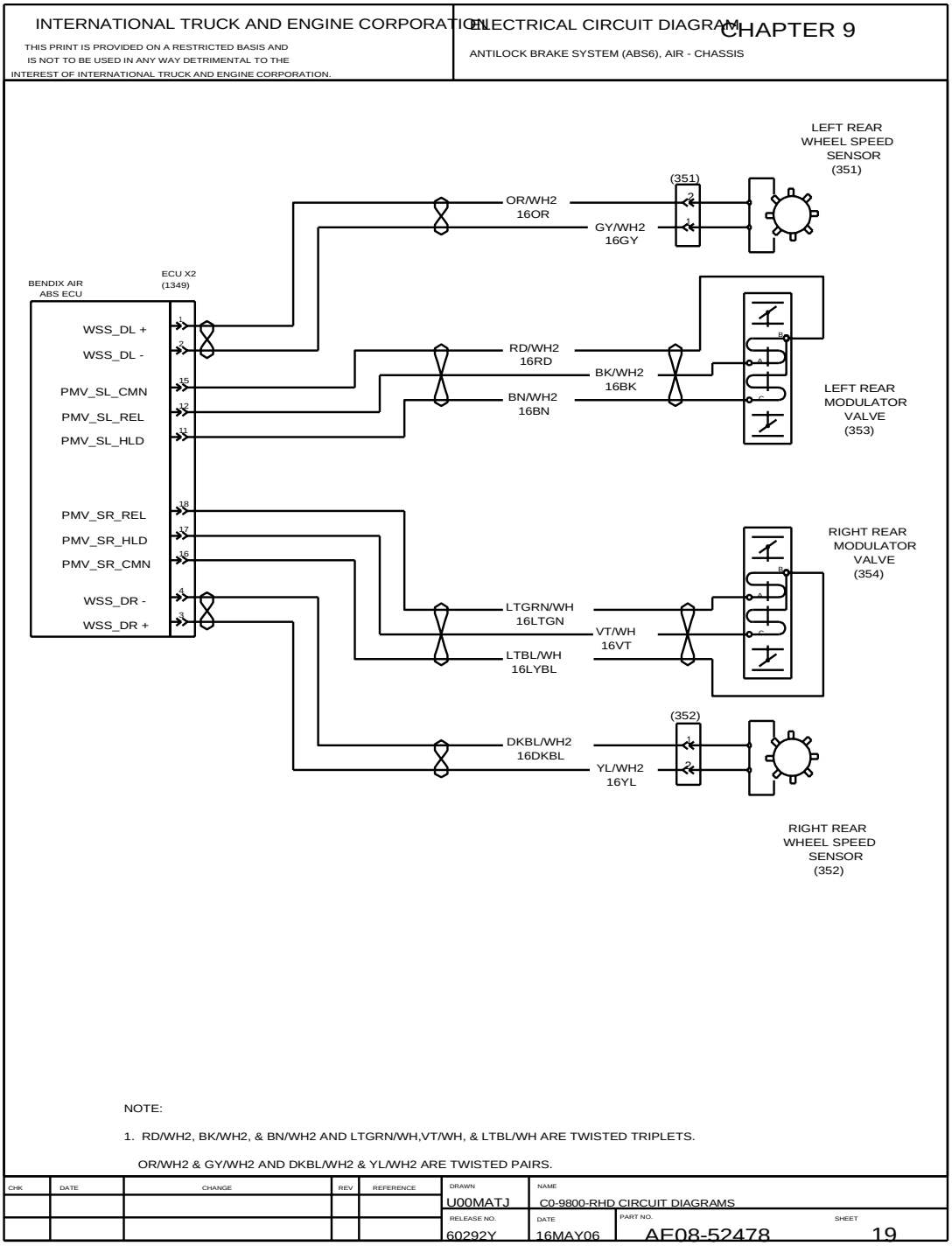

Figure 368 ABS6 Air, Chassis

24. SLEEPER LIGHTING AND ACCESSORIES (RHD — CHAPTER 10)

24.1. BUNK FLUORESCENT READING LIGHTS AND CIGAR LIGHTER, P. 1

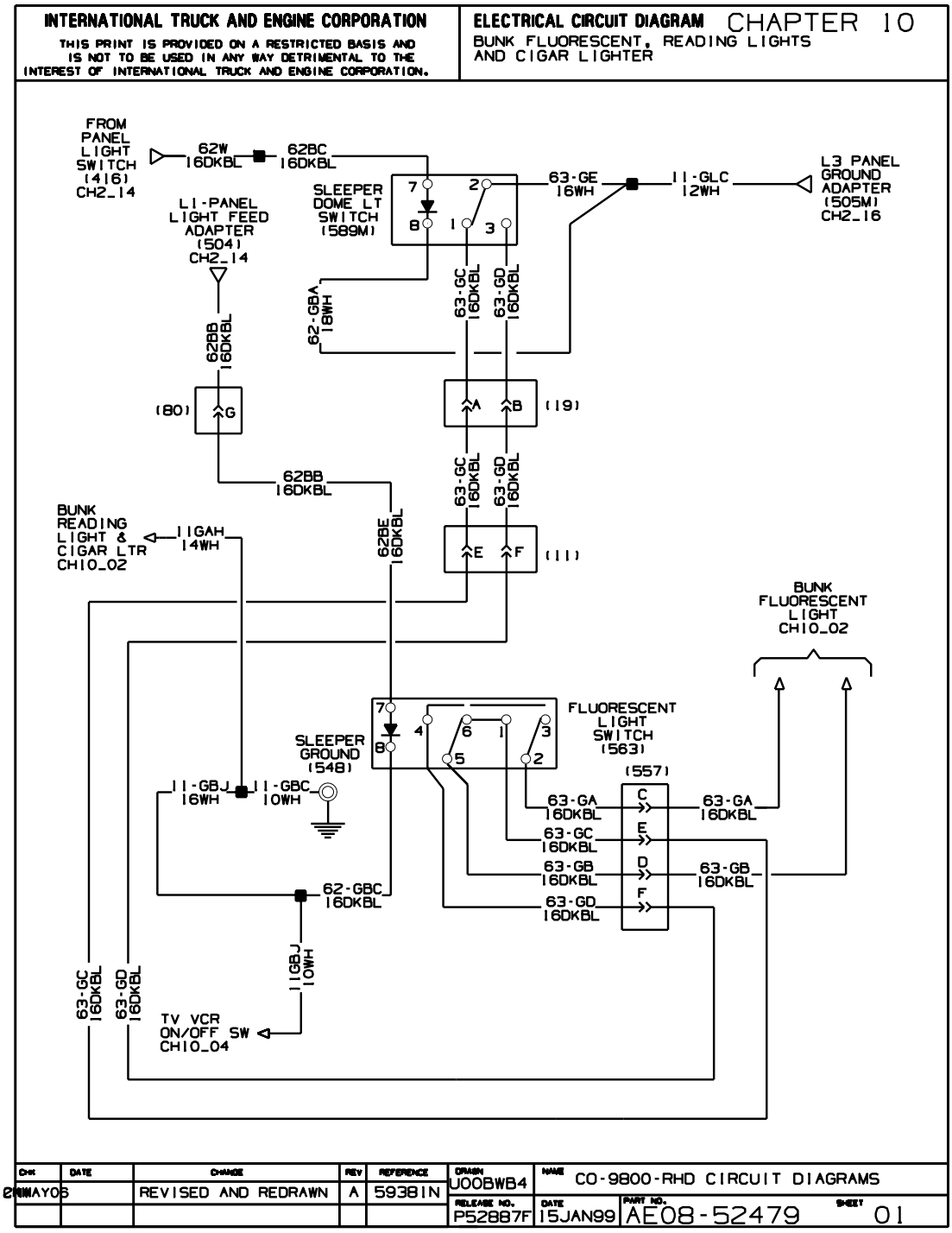

Figure 369 Bunk Fluorescent Reading Lights and Cigar Lighter

24.2. BUNK FLUORESCENT READING LIGHTS AND CIGAR LIGHTER, P. 2

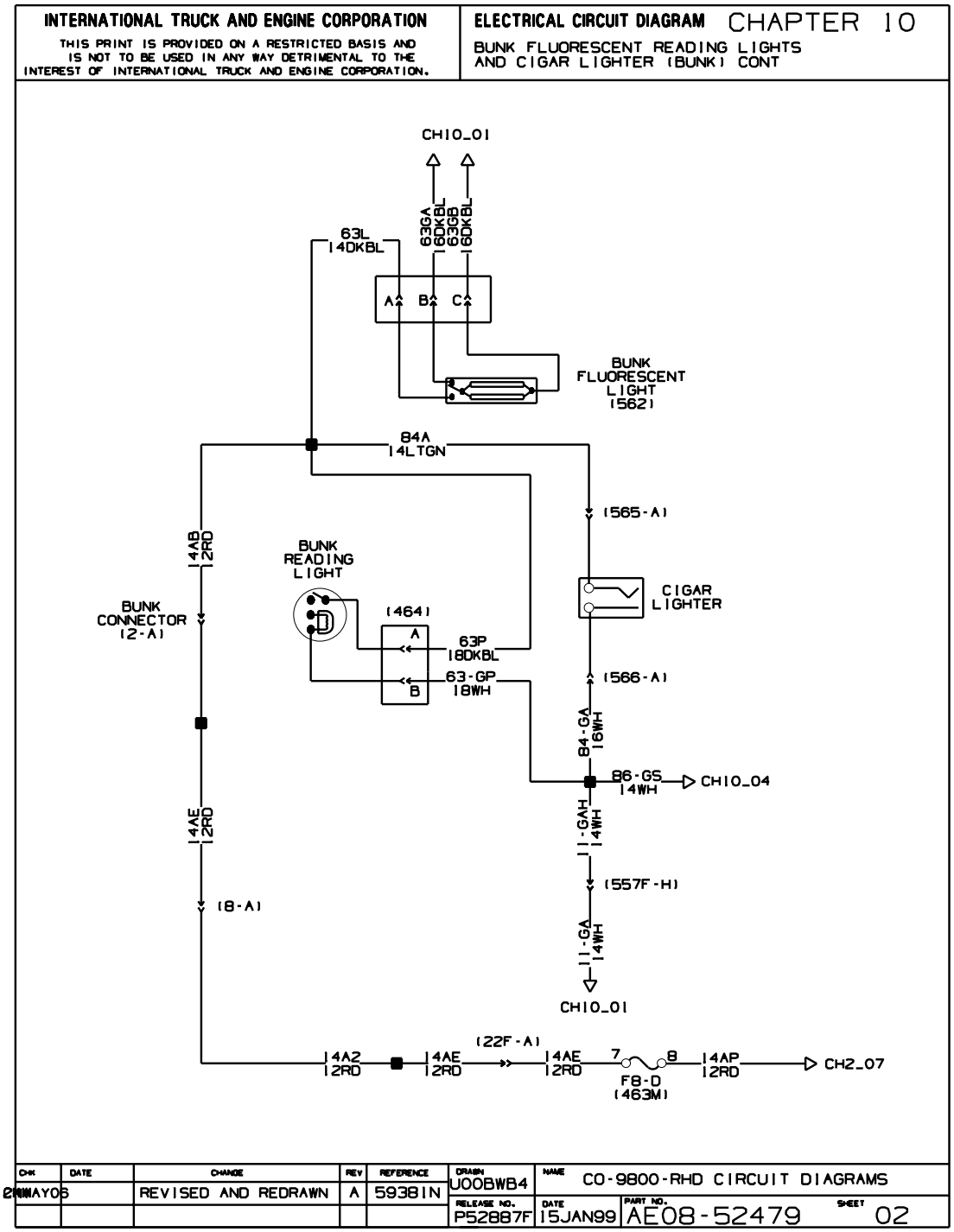

Figure 370 Bunk Fluorescent Reading Lights and Cigar Lighter

24.3. LUGGAGE COMPARTMENT LIGHT — RIGHT AND LEFT, P. 3

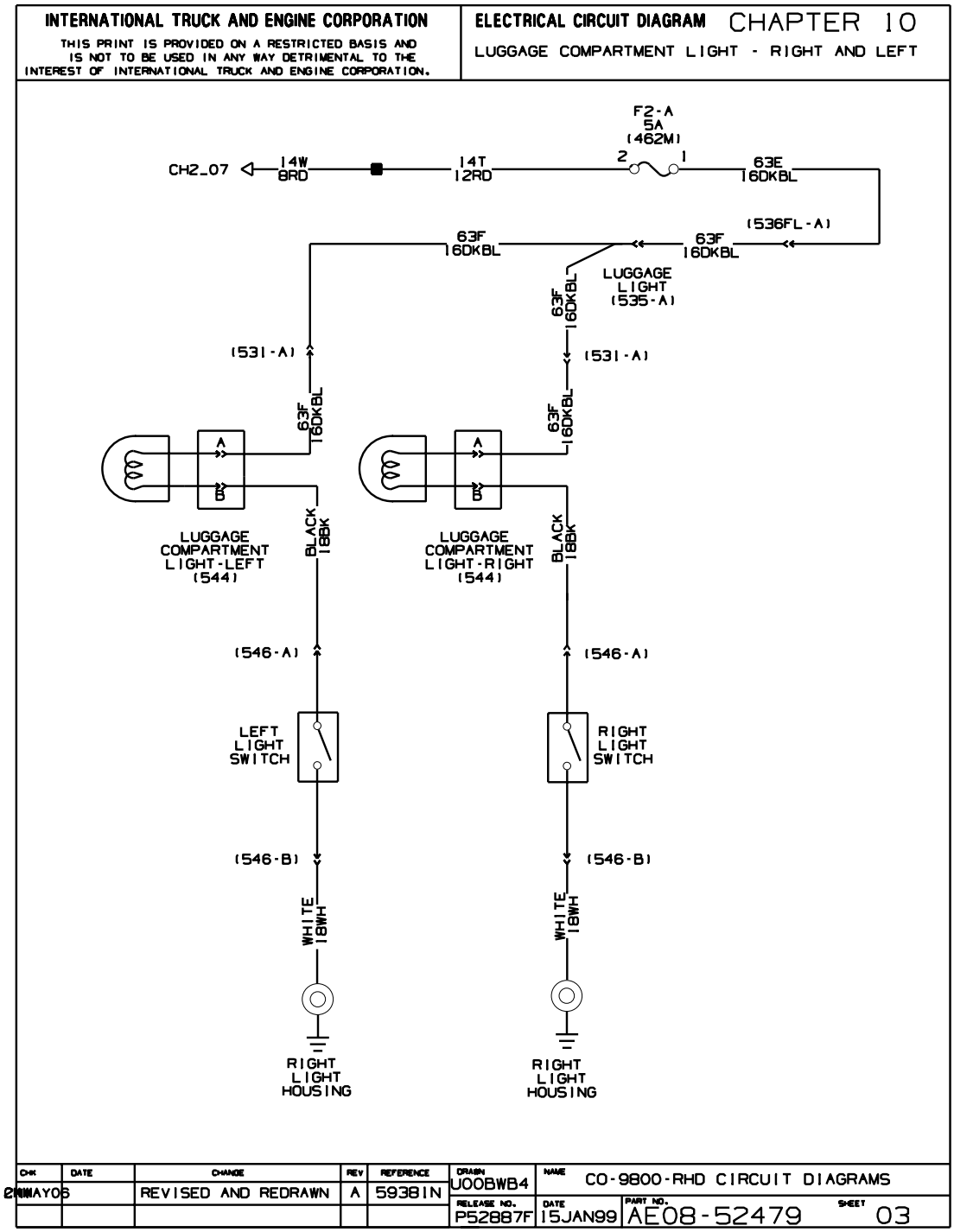

Figure 371 Luggage Compartment Light — Right and Left

24.4. TV/VCR WIRING, P. 4

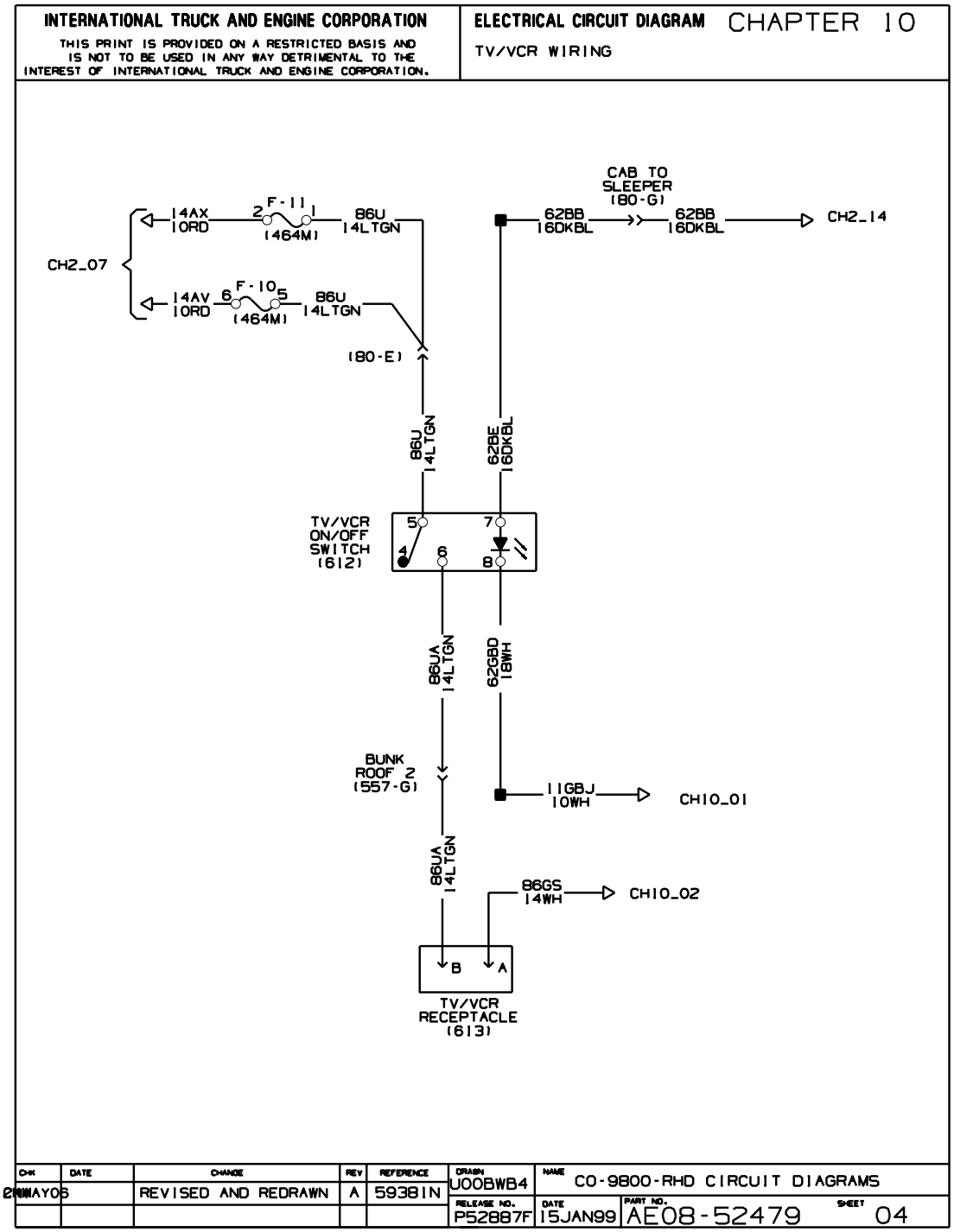

Figure 372 TV/VCR Wiring

24.5. BUNK SPEAKER VOLUME CONTROL, P. 5

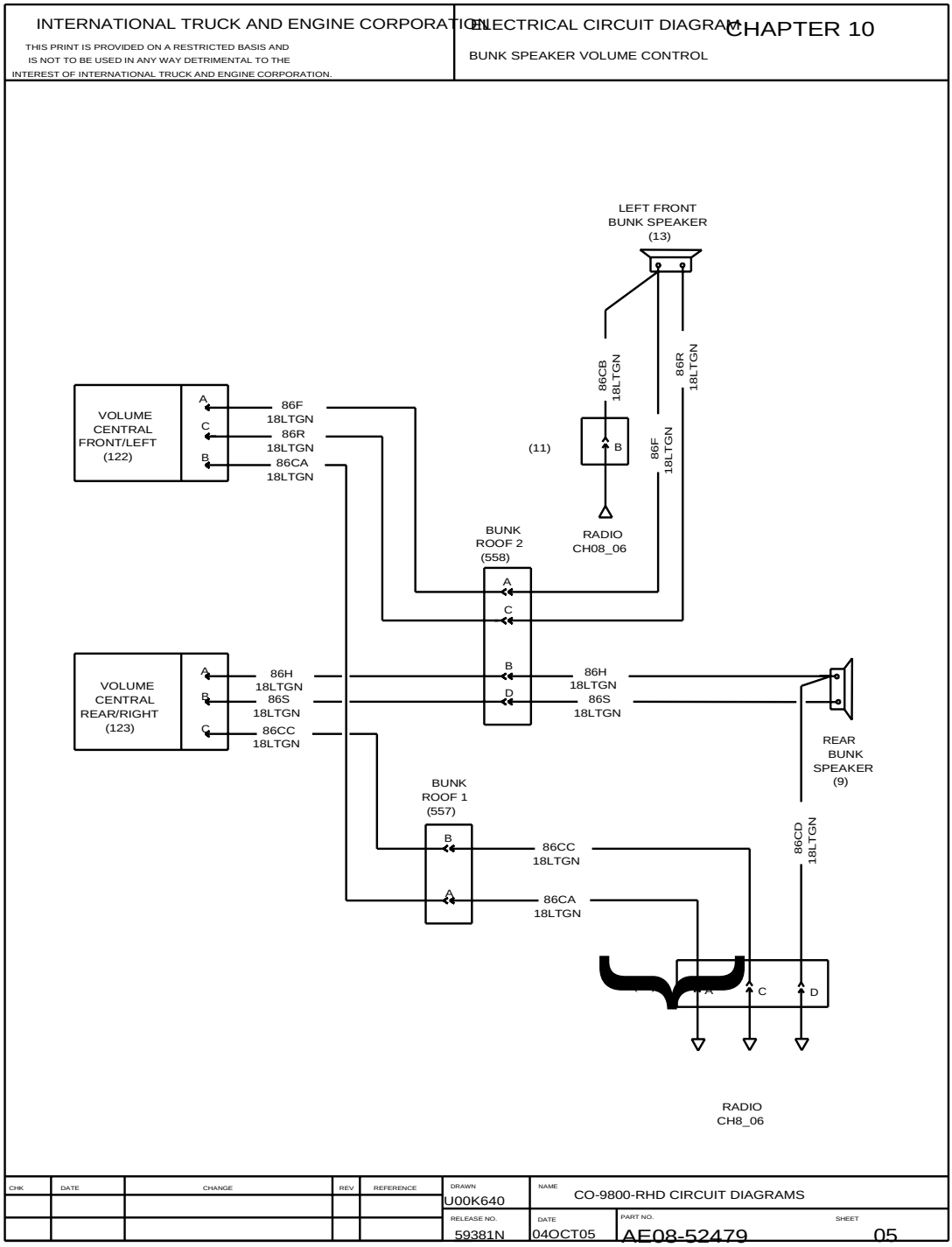

Figure 373 Bunk Speaker Volume Control

25. LIGHT SYSTEMS (RHD — CHAPTER 11)

25.1. BACK-UP LIGHTS, P. 1

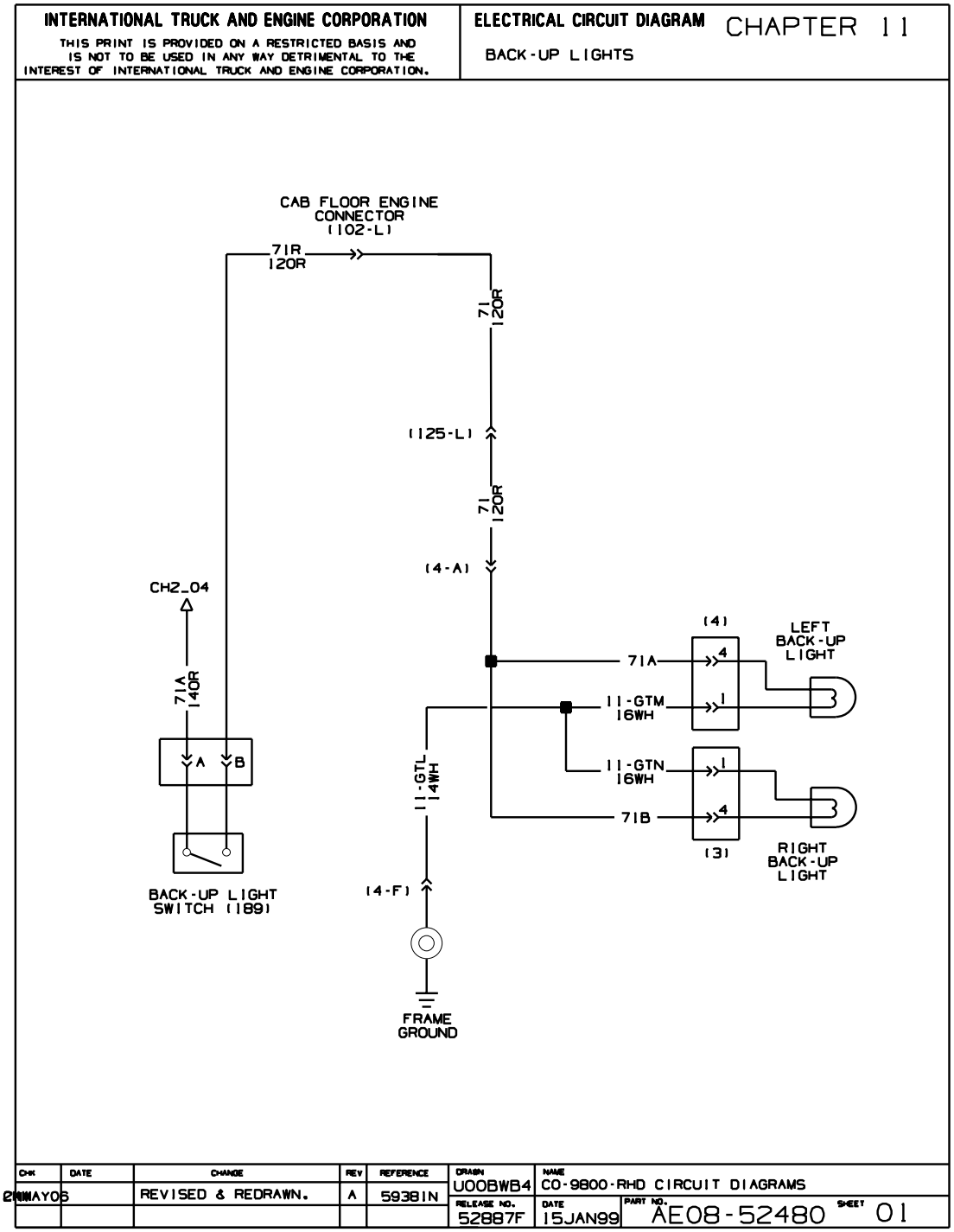

Figure 374 Back-Up Lights

25.2. CAB AND TRAILER LIGHTS SWITCH AND RELAYS WIRING, P. 2

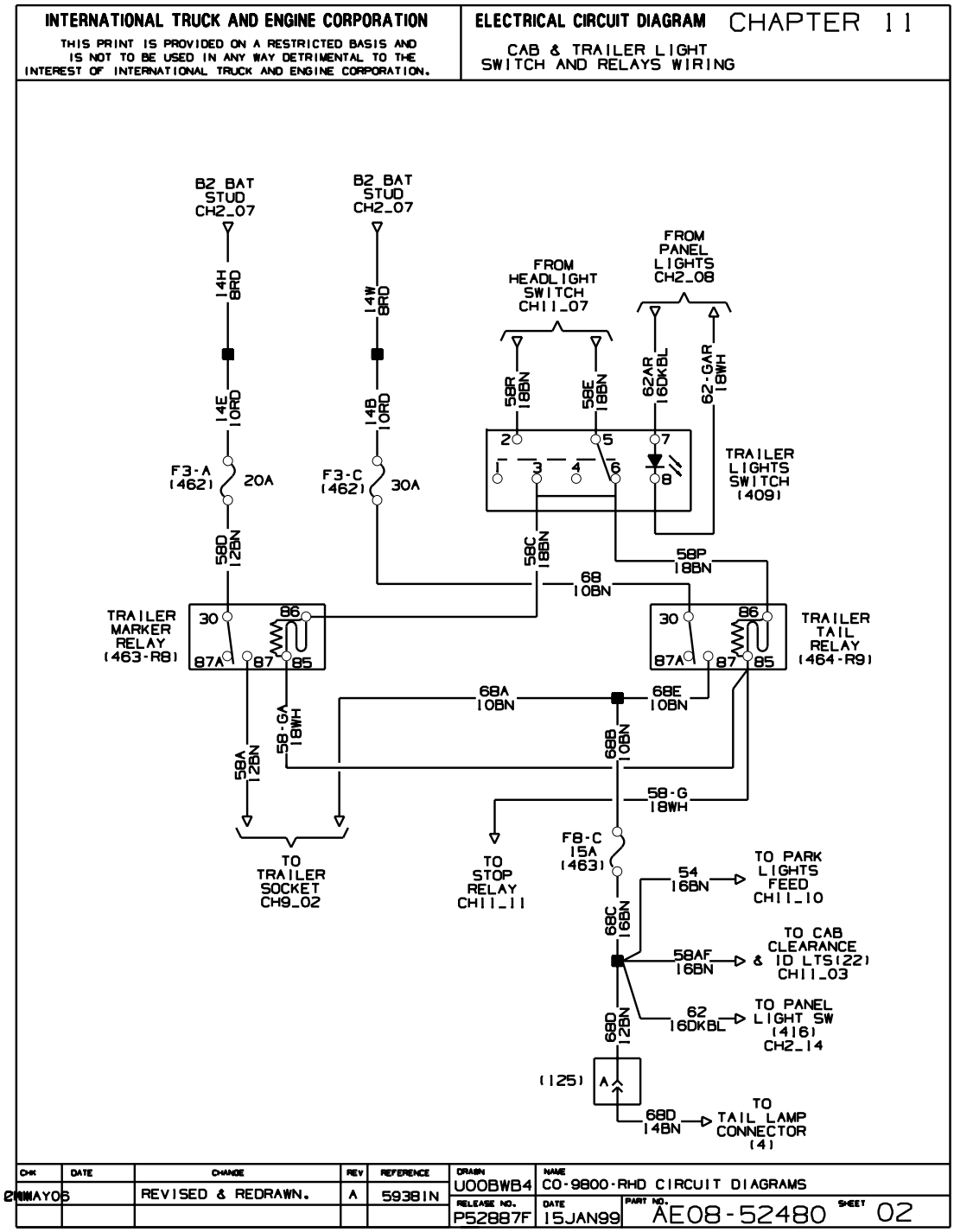

Figure 375 Cab and Trailer Lights Switch and Relays Wiring

25.3. CAB CLEARANCE AND IDENTIFICATION LIGHTS FLAT ROOF, P. 3

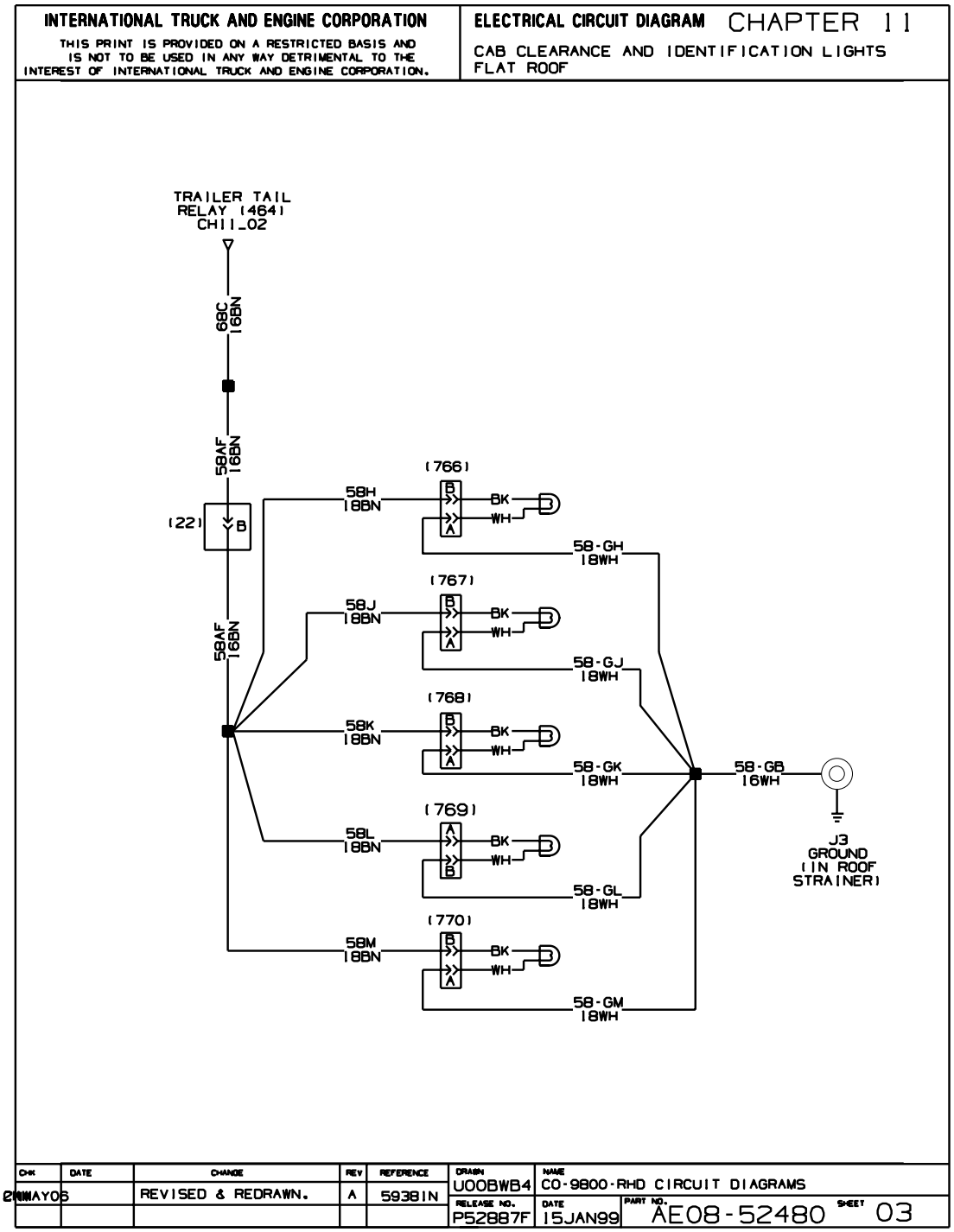

Figure 376 Cab Clearance and Identification Lights Flat Roof

25.4. CAB DOME, READING AND COURTESY LIGHTS AND SWITCHES, P. 4

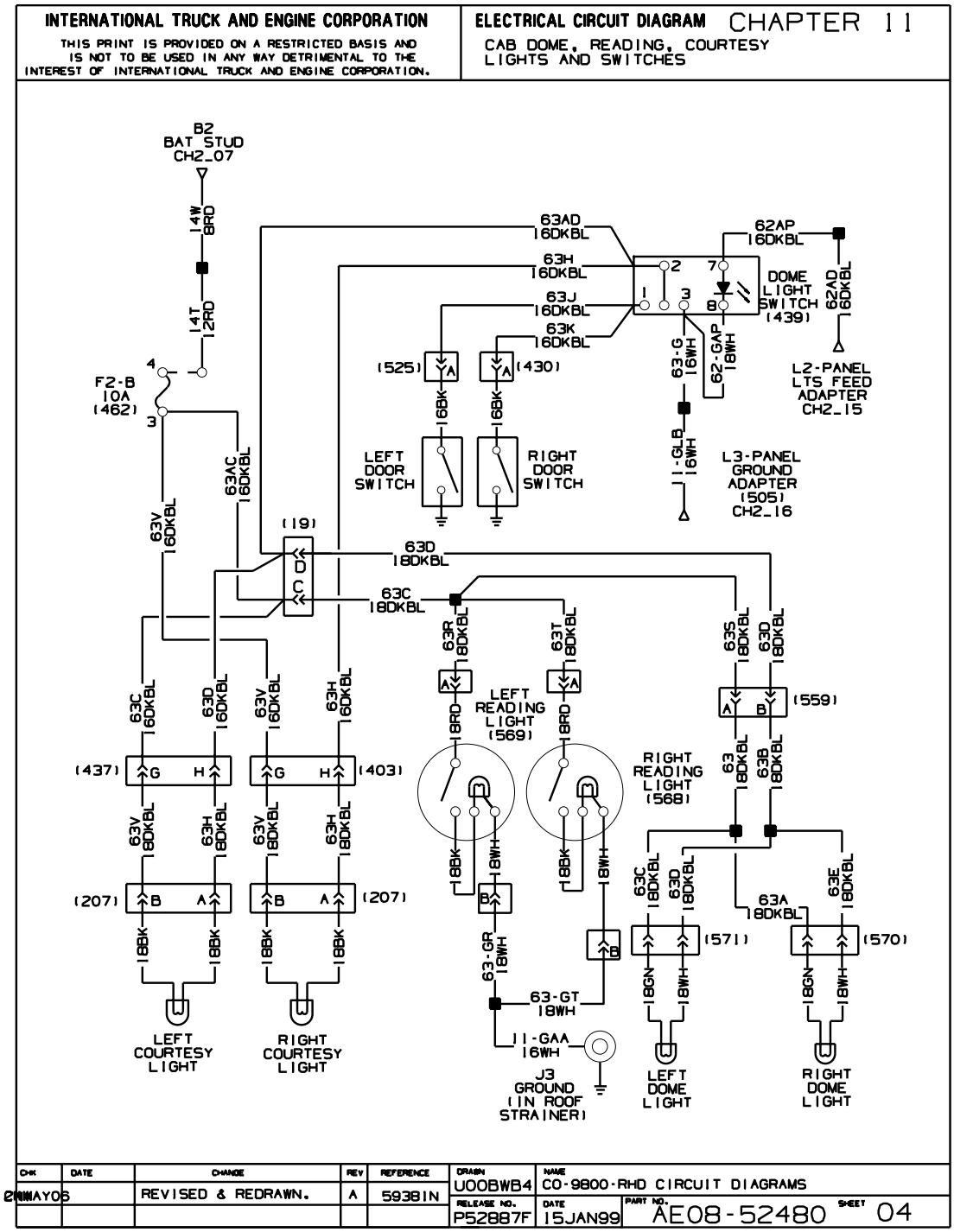

Figure 377 Cab Dome, Reading and Courtesy Lights and Switches

25.5. DRIVING LIGHT, P. 5

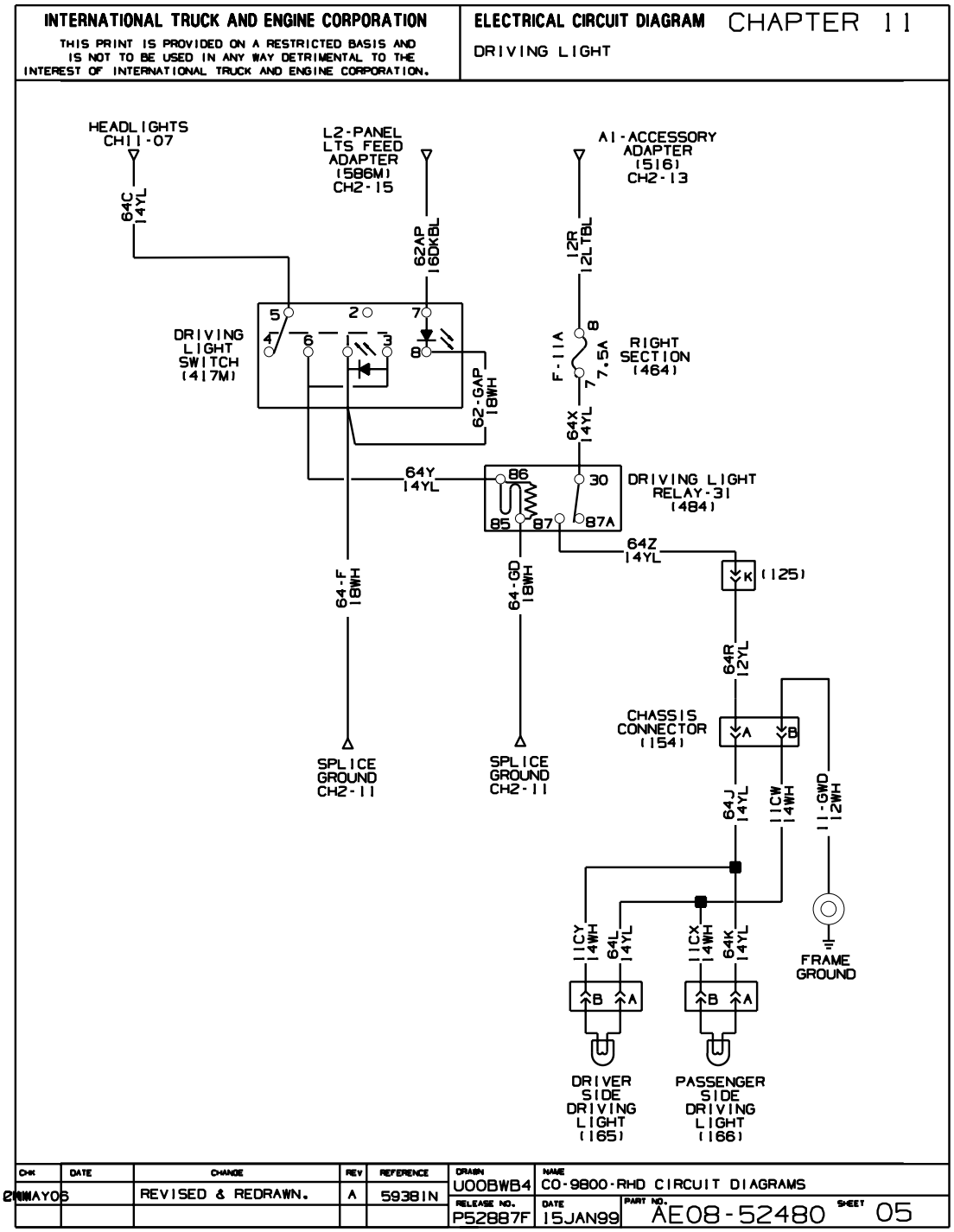

Figure 378 Driving Light

25.6. FOG LIGHT, P. 6

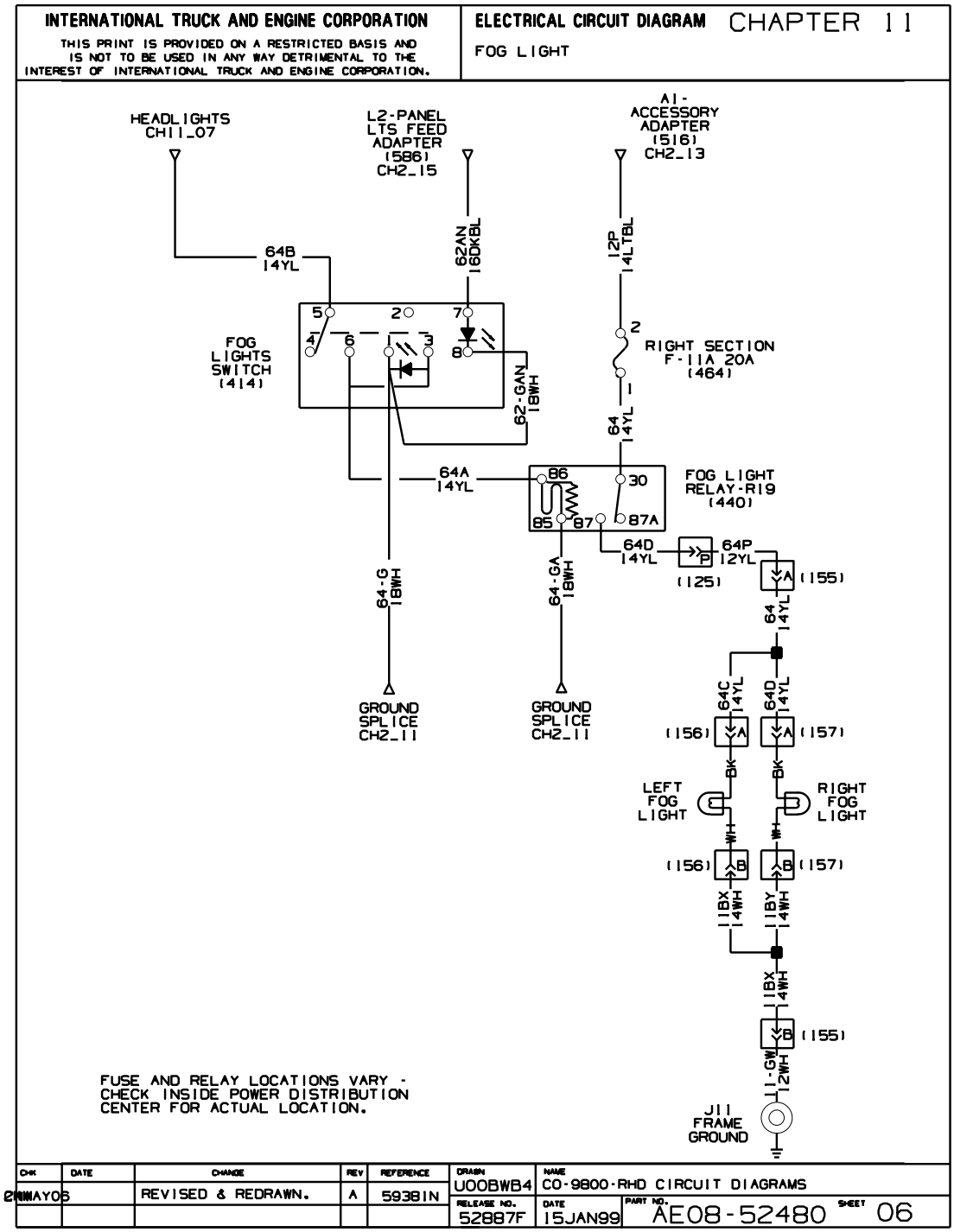

Figure 379 Fog Light

25.7. HEADLIGHTS, P. 7

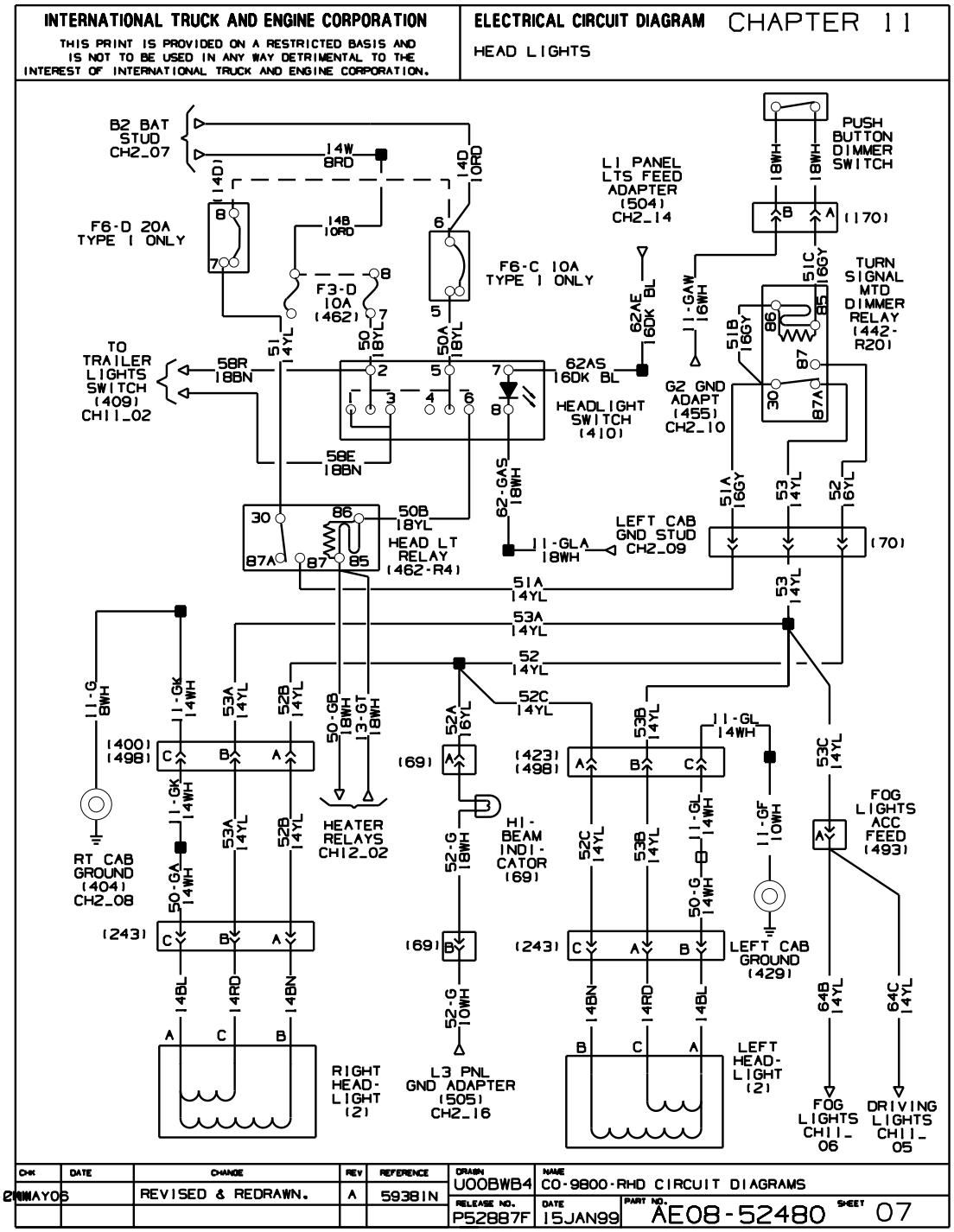

Figure 380 HeadLights

25.8. PANEL LIGHTS, P. 8

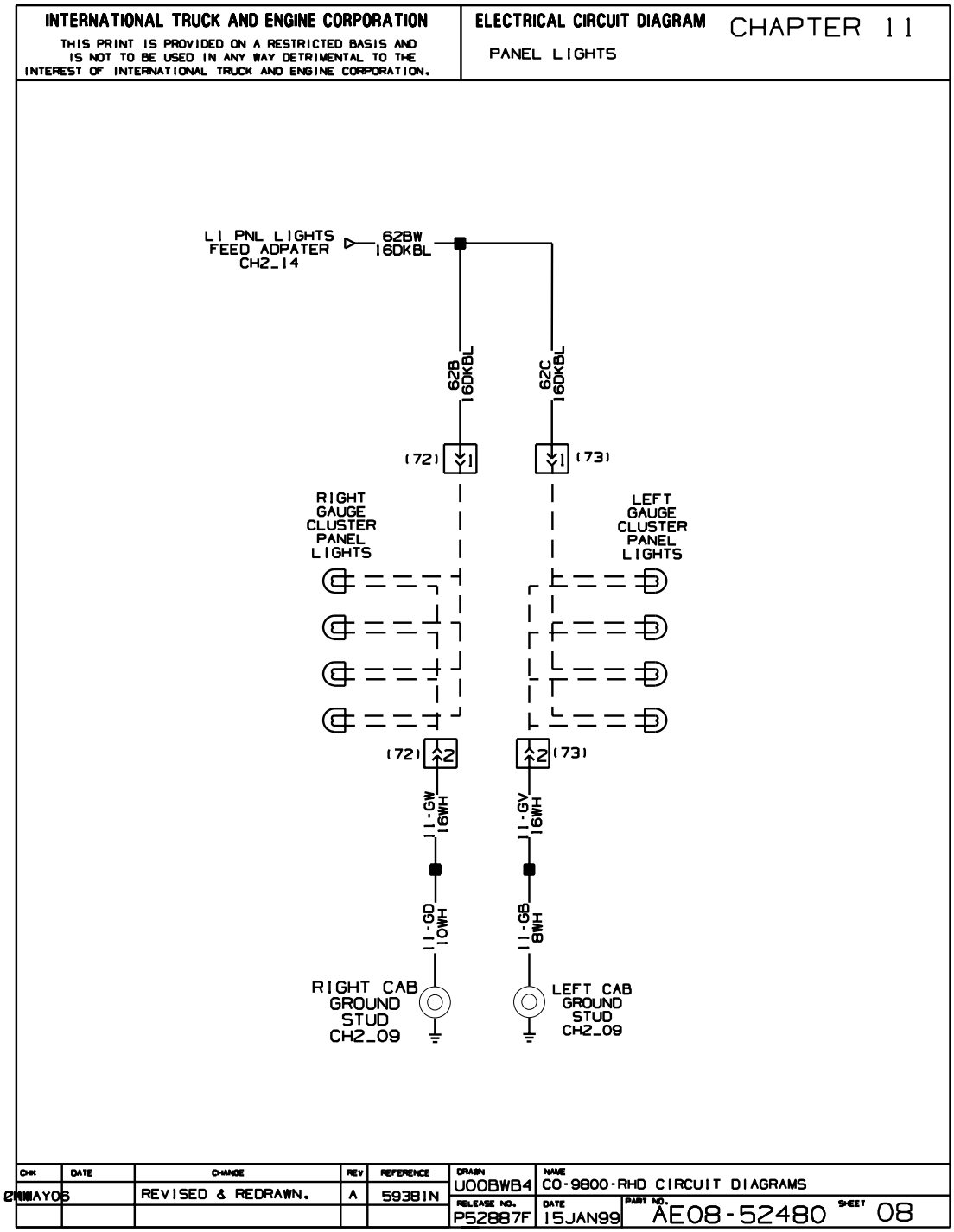

Figure 381 Panel Lights

25.9. PANEL LIGHTS, P. 9

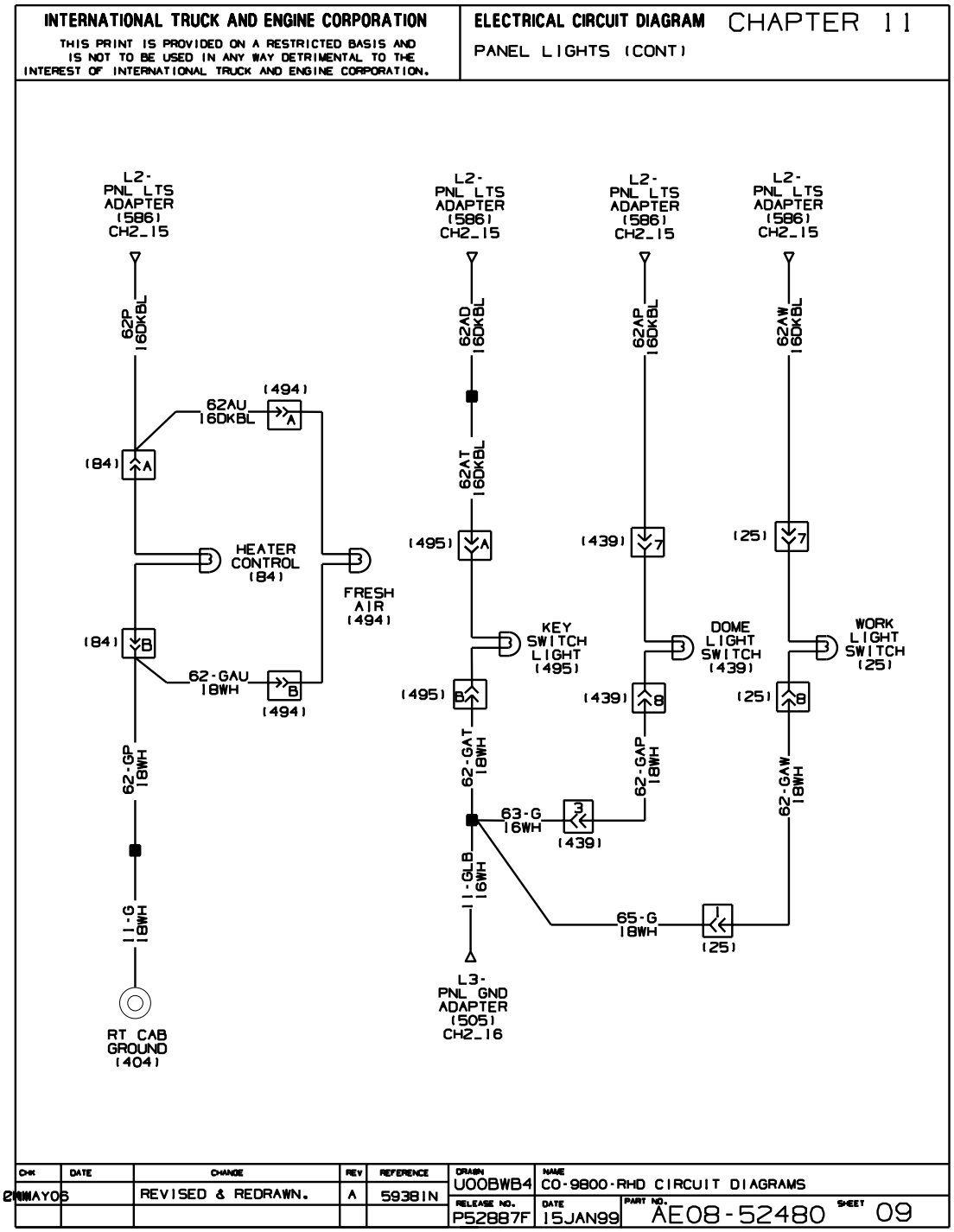

Figure 382 Panel Lights

25.10. FRONT TURN-PARK-MARKER AND SIDE TURN-MARKER LIGHTS, P. 10

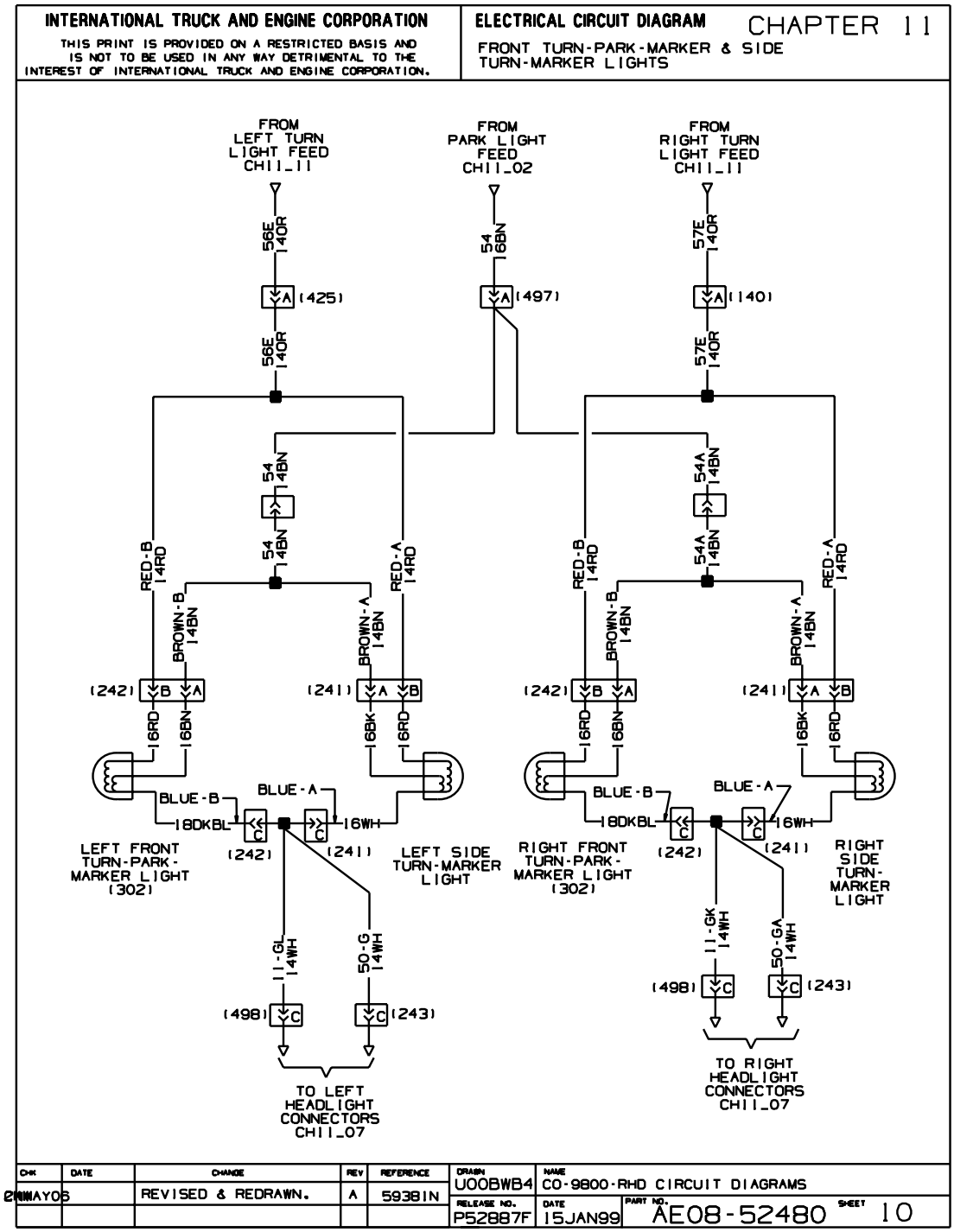

Figure 383 Front Turn-Park-Marker and Side Turn-Marker Lights

25.11. STOP, TAIL TURN AND HAZARD SIGNAL LIGHTS, P. 11

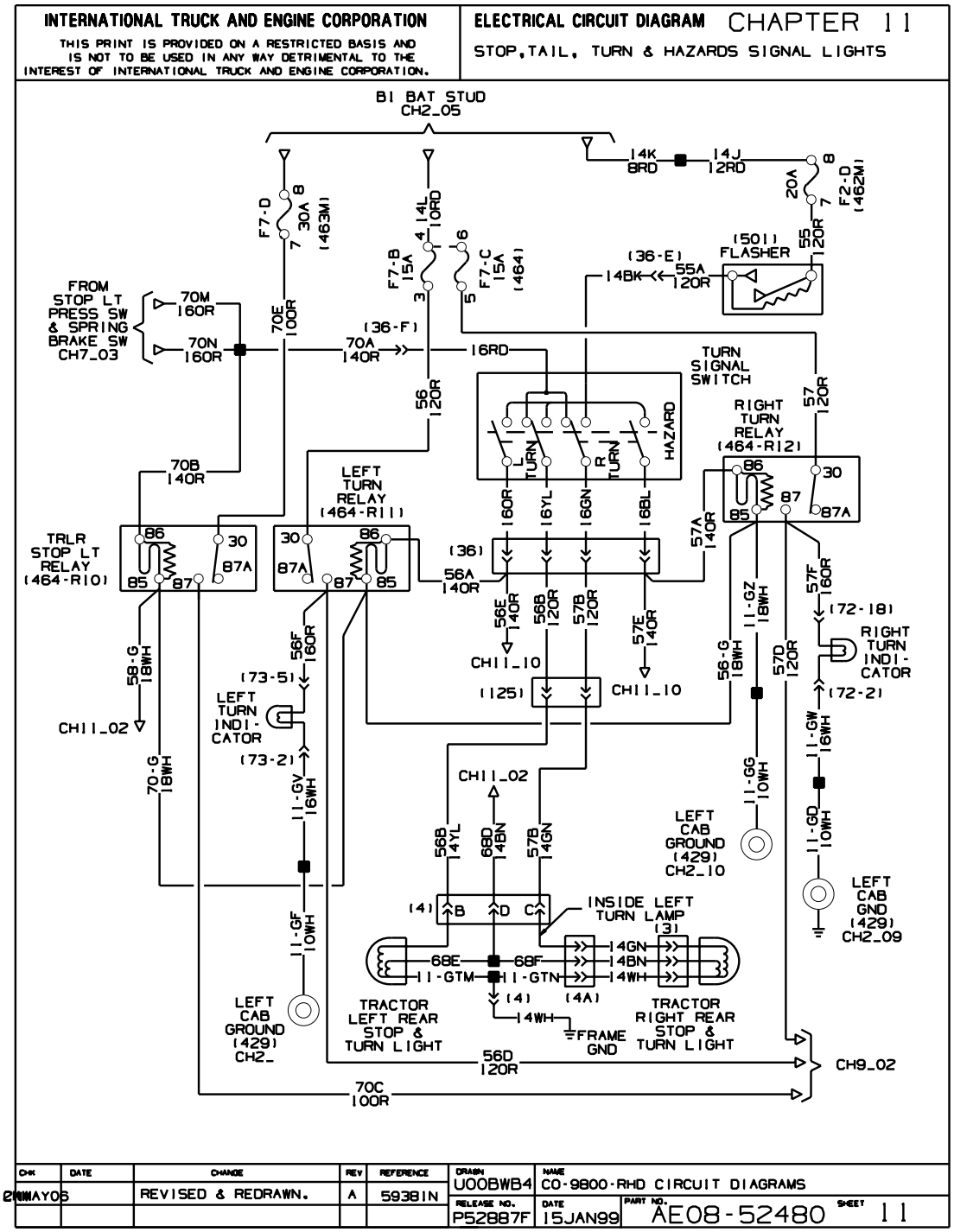

Figure 384 Stop, Tail Turn and Hazard Signal Lights

25.12. TRAILER WORK (HOOK-UP) LIGHT BACK OF CAB MOUNTED, P. 12

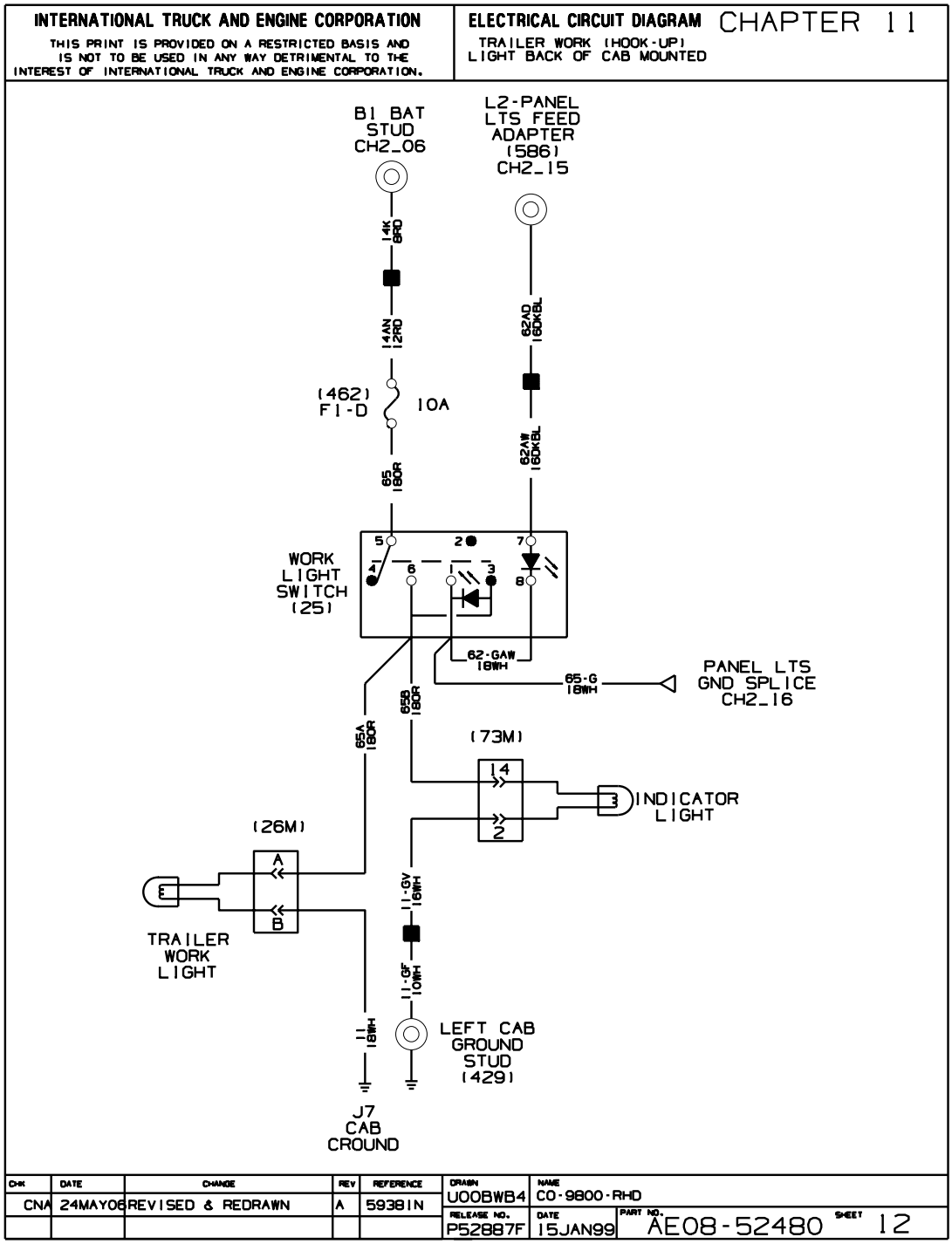

Figure 385 Trailer Work (Hook-Up) Light Back of Cab Mounted

25.13. TRAILER AUXILIARY LIGHT, P. 13

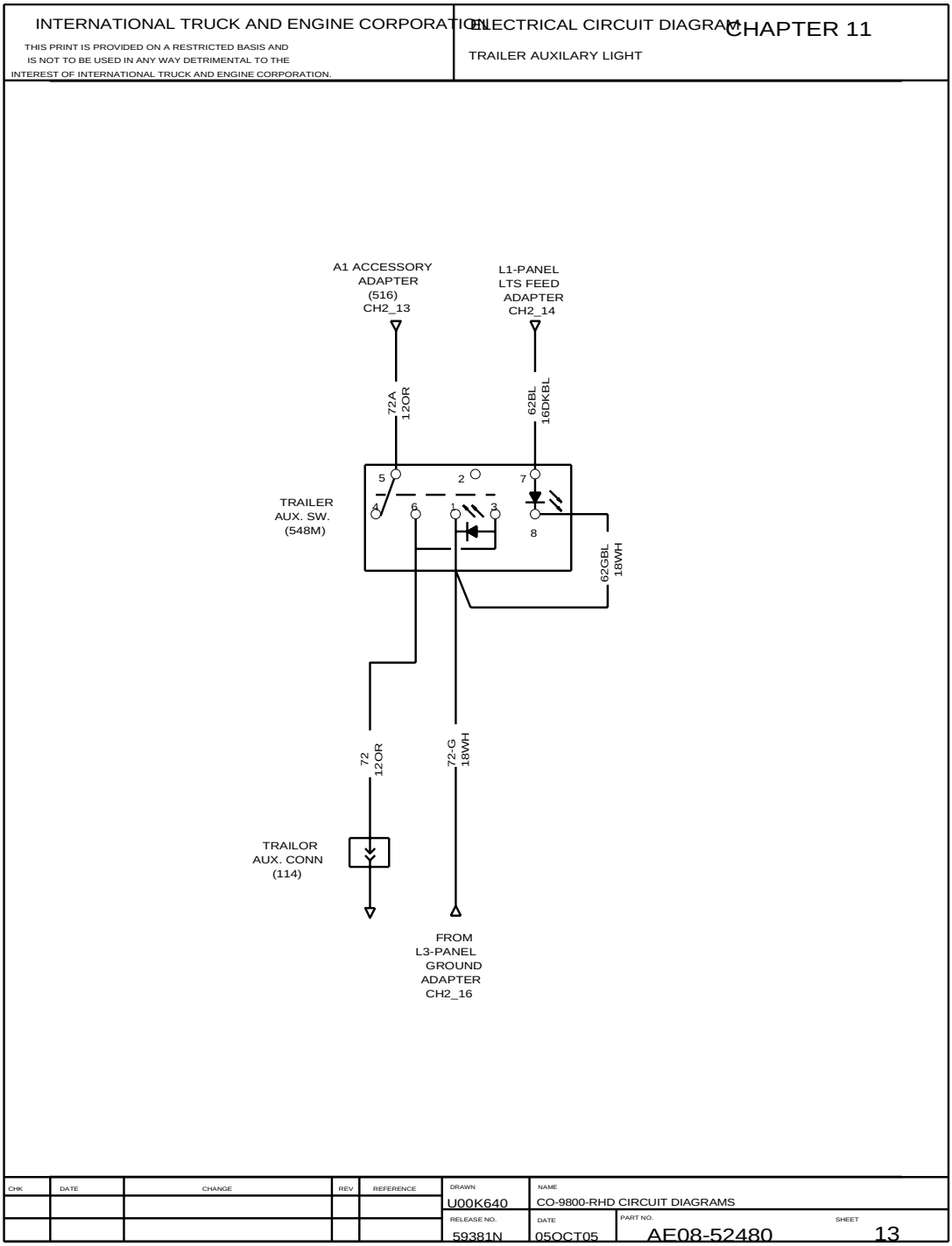

Figure 386 Trailer Auxiliary Light

26. HEATER AND AIR CONDITIONER (CHAPTER 12)

26.1. AIR CONDITIONER — CAB, P. 1

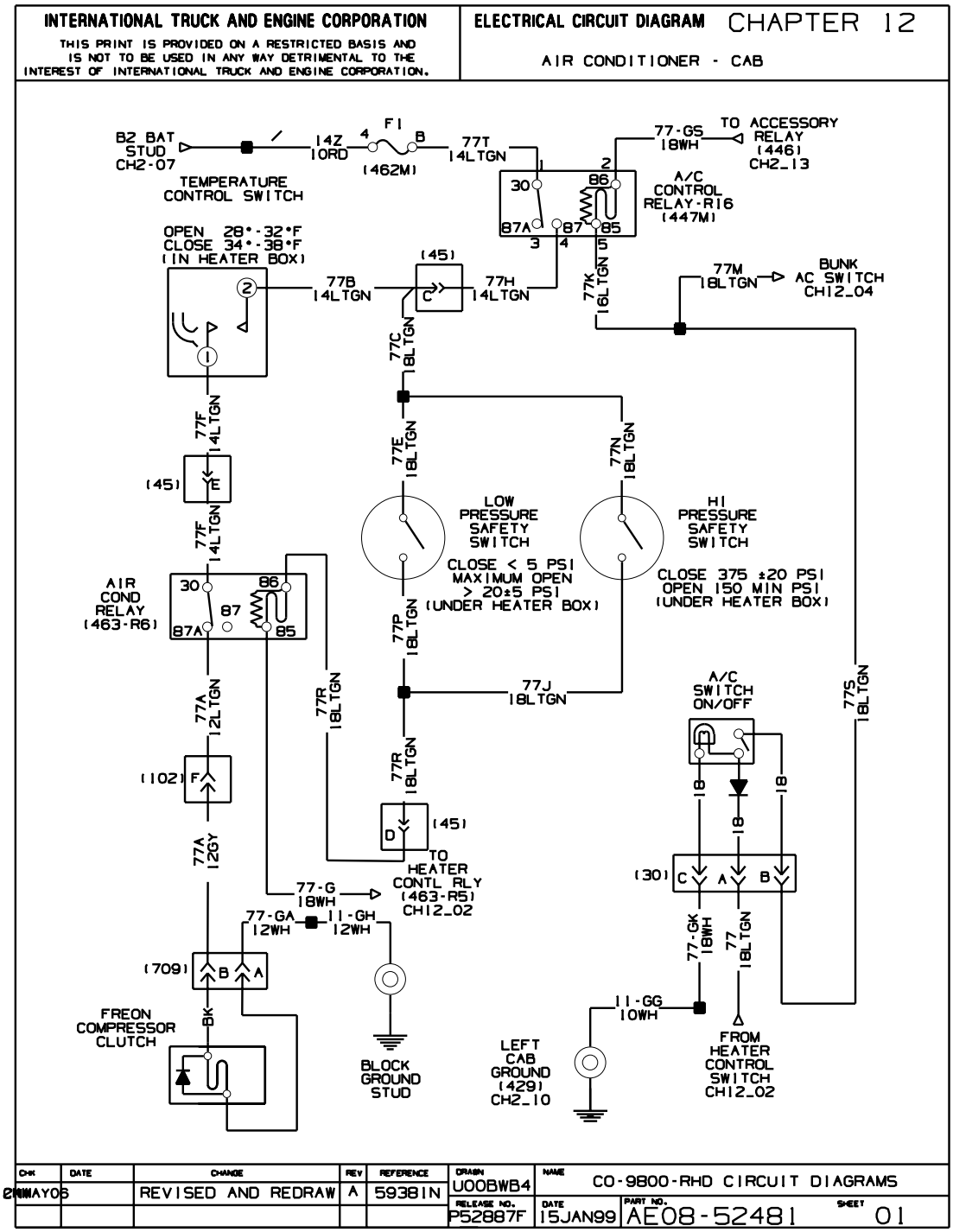

Figure 387 Air Conditioner — Cab

26.2. HEATER — CAB, P. 2

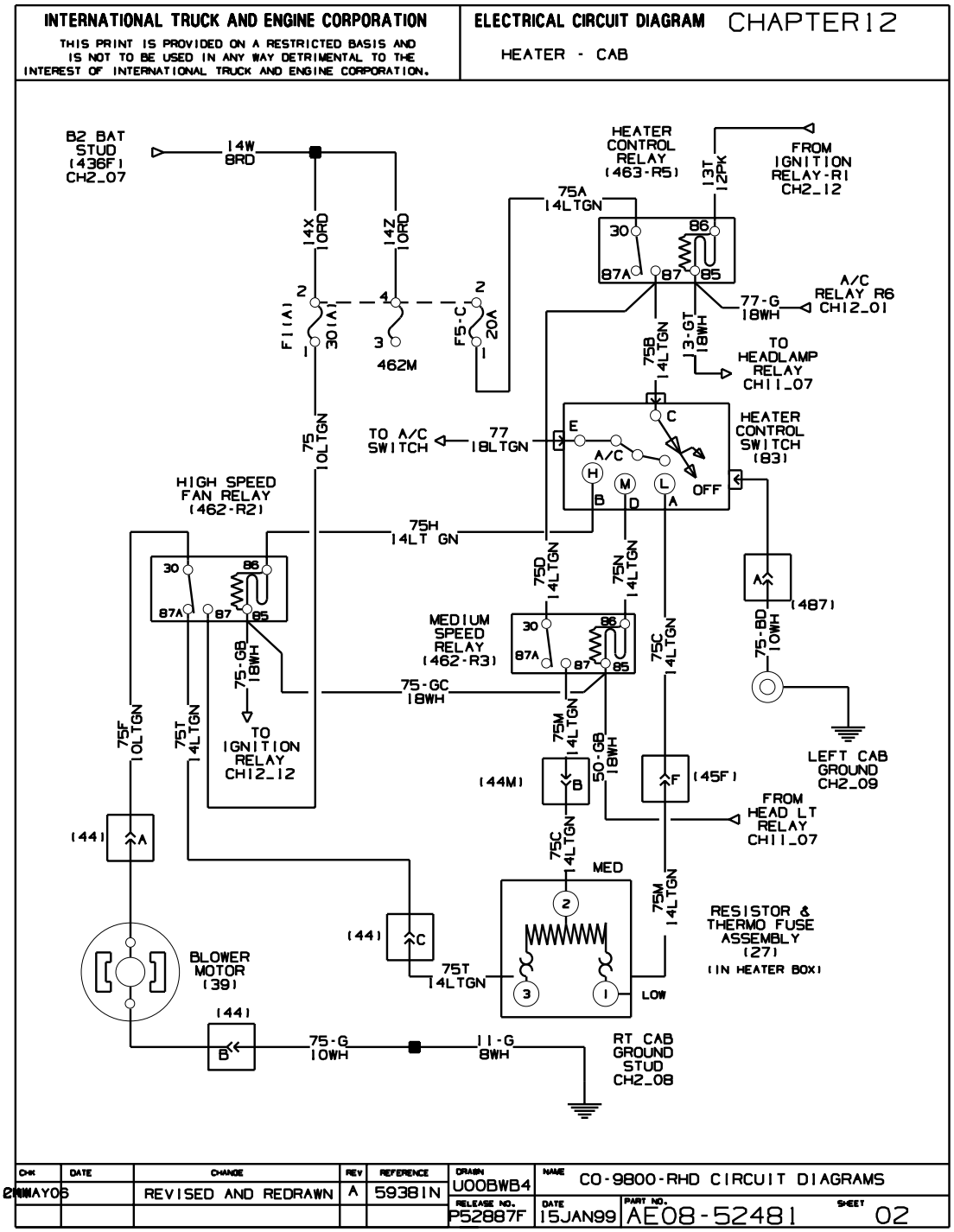

Figure 388 Heater — Cab

26.3. SLEEPER BUNK BLOWER, P. 3

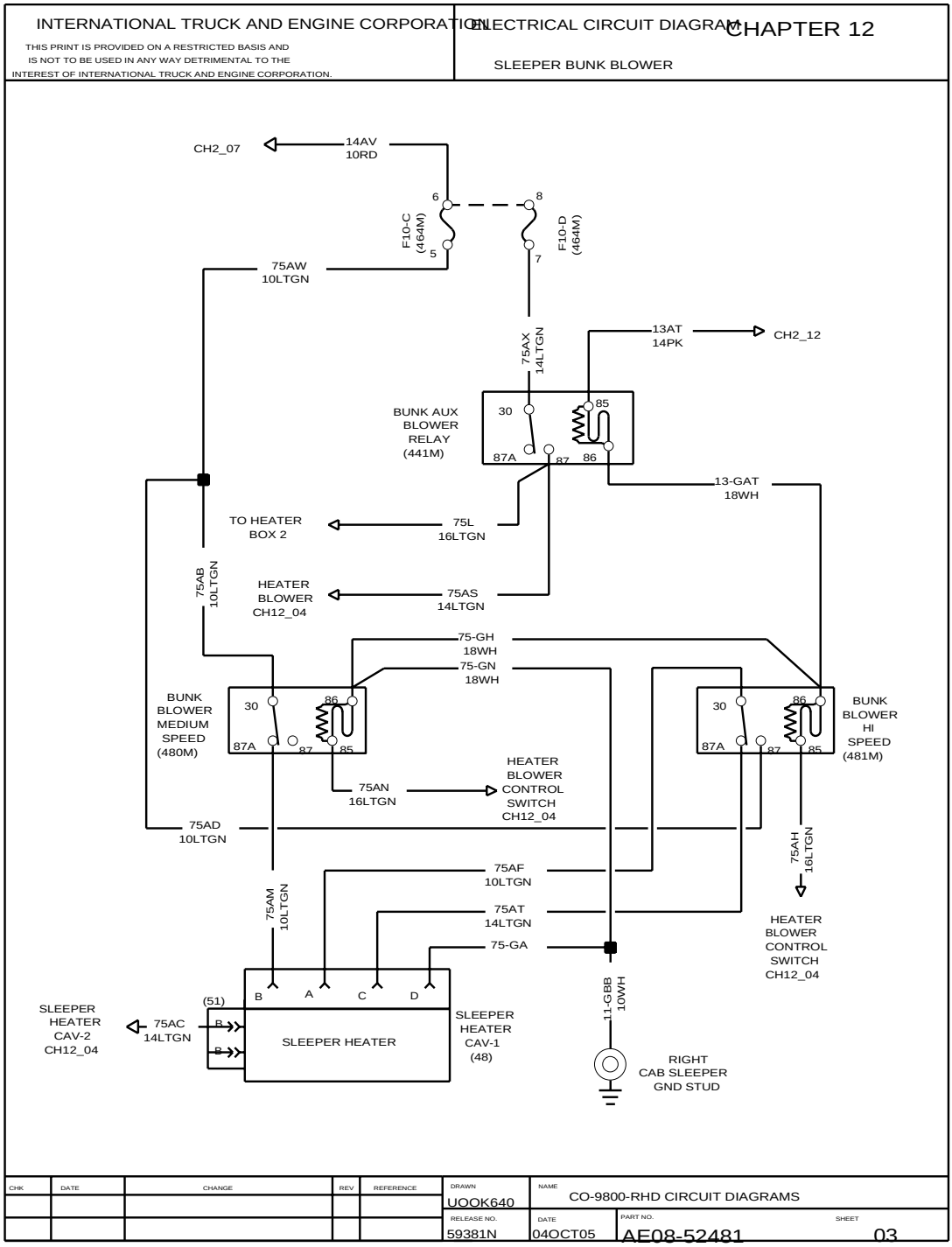

Figure 389 Sleeper Bunk Blower

26.4. HEATER — BUNK, P. 4

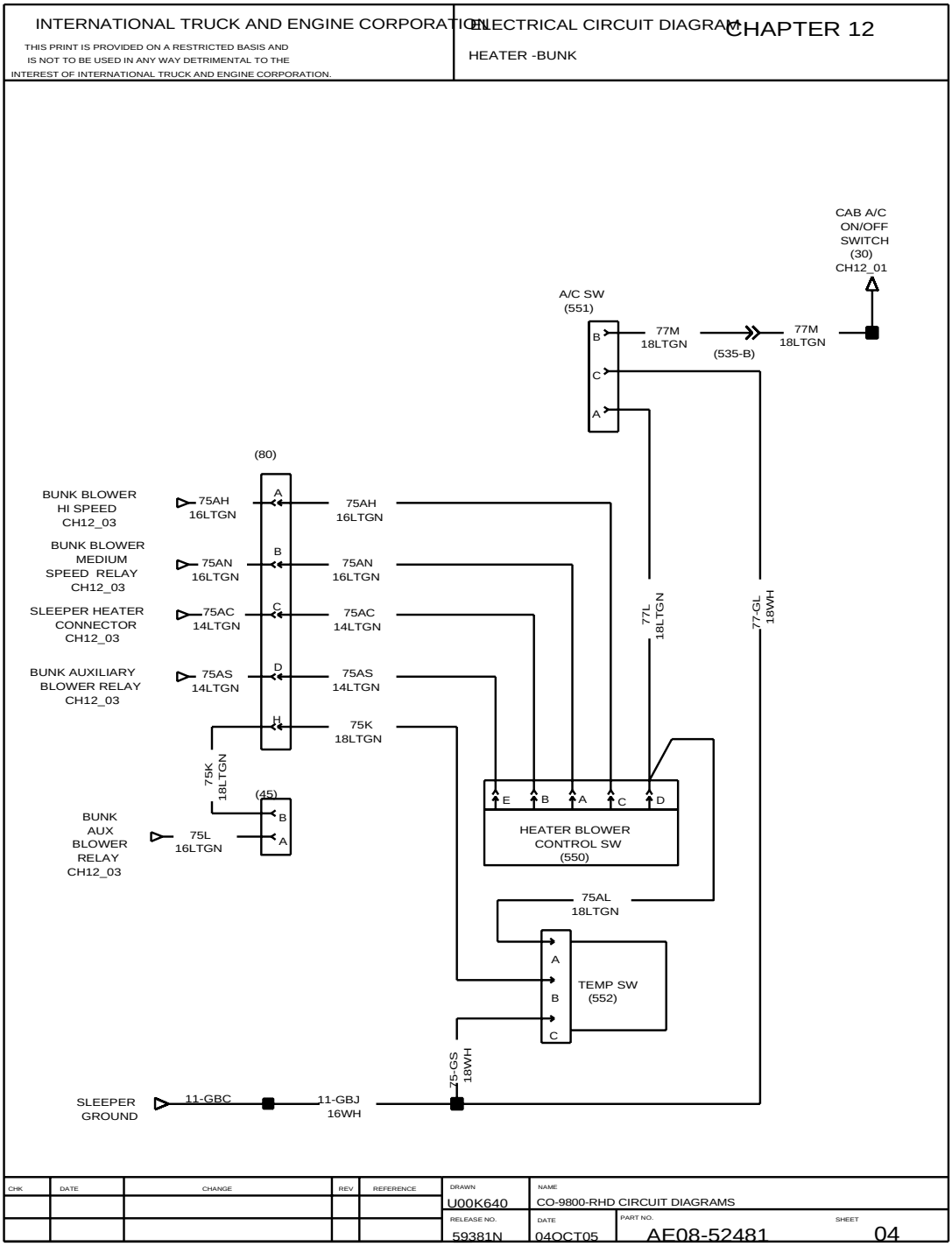

Figure 390 Heater — Bunk

27. CONNECTOR COMPOSITES (RHD — CHAPTER 13)

27.1. CONNECTOR COMPOSITES (2), (2A), (3M), (4F), P. 1

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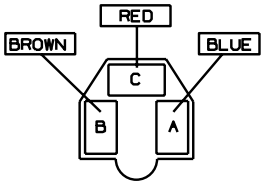
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

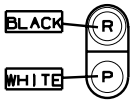
LEFT/RIGHT HEADLIGHT CONNECTOR LOCATED AT BACK OF HEADLIGHTS (2)

HEADLIGHT JUMPER



CONNECTOR-0261702C1

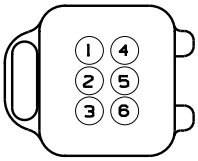
PARK LIGHT/HEADLIGHT LOCATED BEHIND HEADLIGHT (2A)



CONNECTOR (CM SLEEVE)-AM-89000 #5

RIGHT STOP,TAIL,TURN AND BACK-UP LIGHT LOCATED ON SIDE OF RIGHT TAIL LIGHT (3M)

RIGHT TAIL LIGHT (TO LEFT TAIL LIGHT)

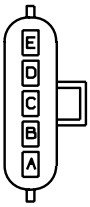


CONNECTOR-3570604C1
CONNECTOR LOCK-3570605C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	11-GTM	16	WH	3536989C1	3570609C1
2	56B	16	YL	3536989C1	3570609C1
3	PLUG	-	-	3536991C1	-
4	71A	16	BL	3536989C1	3570609C1
5	68E	16	BN	3536989C1	3570609C1
6	70B	16	RD	3536989C1	3570609C1

TAIL LIGHT CHASSIS (4F)

LEFT TAIL LIGHT (FROM CAB)



CONNECTOR-0587573C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	71	14	LT BL	0587577C1	0589391C1
B	56B	16	YL	0587577C1	1652325C1
C	57B	16	LT GN	0587577C1	1652325C1
D	68D	14	BN	0587577C1	0589391C1
E	70A	14	RD	0587577C1	0589391C1
F	11-GTL	14	WH	0587577C1	0589391C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
02MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 / PART NO. AE08-52482 / SHEET 01

Figure 391 Connector Composites (2), (2A), (3M), (4F)

27.2. CONNECTOR COMPOSITES (4A), (8), (9), P. 2

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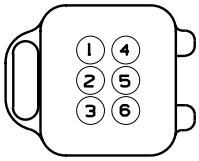
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

LEFT STOP, TAIL, TURN AND BACK-UP LIGHT
LOCATED ON SIDE OF LEFT TAIL LIGHT

LEFT TAIL LIGHT
(TO RIGHT TAIL LIGHT)
(4A)



CONNECTOR-3570604C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	11-GTM	16	WH	3536989C1	3570609C1
2	56B	16	YL	3536989C1	3570609C1
3	PLUG	-	-	3536991C1	-
4	71A	16	BL	3536989C1	3570609C1
5	68E	16	BN	3536989C1	3570609C1
6	70B	16	RD	3536989C1	3570609C1

BUNK CONNECTOR #2
(8)

CONNECTOR-1661202C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	14AE	12	RD	1661219C1	N/A

CONNECTOR-1661203C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	14AZ	12	RD	3541022C1	N/A

ABC
(9)

CONNECTOR-1661197C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	86S	18	LT GN	1661212C1	N/A
B	86H	18	LT GN	1661213C1	N/A
B	86CD	18	LT GN	1661213C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 02

Figure 392 Connector Composites (4A), (8), (9)

27.3. CONNECTOR COMPOSITES (11), (13), (16), P. 3

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

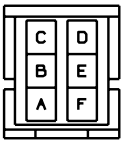
CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

TV/VCR, SLEEPER DOME BUNK CONNECTOR LOCATED BEHIND TRIM PANEL ABOVE LEFT DOOR (11)

CAB ROOF HARNESS

CONNECTOR-1661200C1

BUNK HARNESS



CONNECTOR-1661201C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	86CA	18	LT GN	1661208C1	N/A
B	86CB	18	LT GN	1661208C1	N/A
C	86CC	18	LT GN	1661208C1	N/A
D	86CD	18	LT GN	1661208C1	N/A
E	63-GC	16	DK BL	1661209C1	N/A
F	63-GD	16	DK BL	1661209C1	N/A

CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
A	86CA	18	LT GN	1661212C1	N/A
B	86CB	18	LT GN	1661212C1	N/A
C	86CC	18	LT GN	1661212C1	N/A
D	86CD	18	LT GN	1661212C1	N/A
E	63-GC	16	DK BL	1661213C1	N/A
F	63-GD	16	DK BL	1661213C1	N/A

LT FRONT BUNK SPEAKER (13)

CONNECTOR 1661197C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	86R	18	LT GN	1661212C1	N/A
B	86F	18	LT GN	1661213C1	N/A
B	86CB	18	LT GN	1661213C1	N/A

ELECTRIC WINDOW MTR (16)

CONNECTOR-0872291R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	83C	14	LT GN	0188396R1	N/A
B	83D	14	LT GN	0188396R1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 / PART NO. AE08-52482 / SHEET 03

Figure 393 Connector Composites (11), (13), (16)

27.4. CONNECTOR COMPOSITES (17M), (18), P. 4

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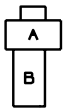
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

PDL DIODE ASSY
LOCATED BEHIND PDL SWITCH
(17M)



CONNECTOR-0872291R1

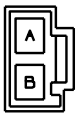
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	43C	16	GY	0188396R1	N/A
B	43	16	GY	0879633R1	N/A
B	GN	16	GN	0879633R1	N/A

CAB RIGHT SPEAKER
(18)

SPEAKER PIGTAIL

CONNECTOR-1661196C1

ROOF HARNESS



CONNECTOR-1661197C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	86C	18	LT GN	1661212C1	N/A
B	86D	18	LT GN	1661212C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 04

Figure 394 Connector Composites (17M), (18)

27.5. CONNECTOR COMPOSITES (19), (19F), (20), P. 5

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

ROOF HARNESS #1
LOCATED BEHIND
INSTRUMENT PANEL-LEFT

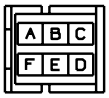
CAB ROOF HARNESS
(19)

CONNECTOR-1661200C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	63-GC	16	DK BL	1661209C1	N/A
B	63-GD	16	DK BL	1661209C1	N/A
C	63C	18	DK BL	1661208C1	N/A
D	63D	18	DK BL	1661208C1	N/A
E	-	-	-	-	-
F	76	16	LT GN	1661209C1	N/A

ROOF HARNESS #1
LOCATED BEHIND
INSTRUMENT PANEL-LEFT

CAB HARNESS
(19F)



CONNECTOR-1661201C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	63-GC	16	DK BL	1661212C1	N/A
B	63-GD	16	DK BL	1661212C1	N/A
C	63C	16	DK BL	1661214C2	N/A
C	63AC	16	DK BL	1661214C2	N/A
D	63AD	16	DK BL	1661214C2	N/A
D	63D	16	DK BL	1661214C2	N/A
E	86CE	16	LT GN	1661212C1	N/A
F	-	-	-	-	-

RADIO CONNECTOR #1
(20)

CAB HARNESS

CONNECTOR-1661200C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	88B	16	LT GN	1661209C1	N/A
B	86A	18	LT GN	1661208C1	N/A
C	86C	18	LT GN	1661208C1	N/A
D	86	16	LT GN	1661209C1	N/A
E	86D	18	LT GN	1661208C1	N/A
F	86B	18	LT GN	1661208C1	N/A

RADIO CONNECTOR #1
(20)

RADIO PIGTAIL

CONNECTOR-1661201C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	88B	16	LT GN	1661209C1	N/A
B	86A	18	LT GN	1661208C1	N/A
C	86C	18	LT GN	1661208C1	N/A
D	86	16	LT GN	1661209C1	N/A
E	86D	18	LT GN	1661208C1	N/A
F	86B	18	LT GN	1661208C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 05

Figure 395 Connector Composites (19), (19F), (20)

27.6. CONNECTOR COMPOSITES (21), (22), (24), P. 6

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

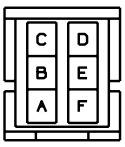
CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

RADIO CONNECTOR #2 (21)

RADIO PIGTAIL

CONNECTOR-1661200C1

CAB HARNESS

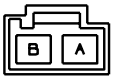


CONNECTOR-1661201C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	86-GB	16	WH	1661212C1	N/A
B	86CA	18	LT GN	1661212C1	N/A
C	86CC	18	LT GN	1661212C1	N/A
D	86CB	18	LT GN	1661212C1	N/A
E	86CD	18	LT GN	1661212C1	N/A
F	-	-	-	-	-

ROOF HARNESS #2 LOCATED AT A-PILLAR BEHIND LT DASH (22)

CAB HARNESS (22F)



CONNECTOR-1661197C1

ROOF HARNESS (22)

CONNECTOR-1661196C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	14AE	12	RD	3534167C1	N/A
B	58AF	16	BN	1661212C1	N/A

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	14AE	12	RD	3566715C1	N/A
B	58AF	16	BN	1661209C1	N/A

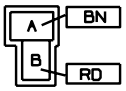
WINDSHIELD WASHER JUMPER CONNECTOR LOCATED IN LUGGAGE COMPARTMENT LEFT (24)

CAB HARNESS

CONNECTOR-0872291R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	87B	16	GY	0188396R1	N/A
B	87A	16	GY	0188396R1	N/A

JUMPER HARNESS



CONNECTOR-0872290R1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 06

Figure 396 Connector Composites (21), (22), (24)

27.7. CONNECTOR COMPOSITES (25M), (26), (27), P. 7

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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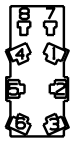
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

WORK LIGHT SWITCH
LOCATED BEHIND
SWITCH CLUSTER
(25M)



CONNECTOR-2009385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	62-GAW	18	WH	3541250C1	N/A
1	65-G	18	WH	3541250C1	N/A
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	65	18	OR	1661224C1	N/A
6	65B	18	OR	3541250C1	N/A
6	65A	18	OR	3541250C1	N/A
7	62AW	16	DK BL	1661209C1	N/A
8	62-GAW	18	WH	1661208C1	N/A

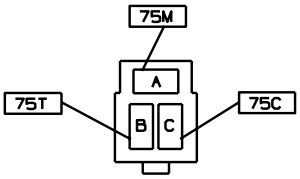
WORK LIGHT
(26)

CONNECTOR 0188395R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	65A	18	OR	0879630R1	N/A

HEATER RESISTOR
LOCATED IN HEATER BOX
(27)

CAB HARNESS



CONNECTOR
PACKARD NO. 2973386 OR 297205

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 07

Figure 397 Connector Composites (25M), (26), (27)

27.8. CONNECTOR COMPOSITES (30F), (31), P. 8

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

A/C SWITCH ON/OFF
LOCATED BEHIND
HEATER CONTROL PANEL
(30F)

PIGTAIL

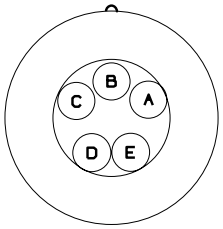
CONNECTOR-1661889C1
CONNECTOR LOCK-1661890C1

CAB HARNESS

CONNECTOR-1661891C1
CONNECTOR LOCK-1661892C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	77	18	LT GN	1661262C1	N/A
B	77S	18	LT GN	1661262C1	N/A
C	77-GK	18	WH	1661262C1	N/A

MIRROR CONN
(31)



CONNECTOR-089000-CAB

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	78F	18	LT GN	0119726H	089000-CAB
B	58B	18	YL	0119726H	089000-CAB
C	78E	18	LT GN	0119726H	089000-CAB
D	78A	18	GY	0418644C1	089000-CAB
E	11A	18	WH	0418644C1	089000-CAB

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20	MAY06	REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 08

Figure 398 Connector Composites (30F), (31)

27.9. CONNECTOR COMPOSITES (36M), (37M), (37F), P. 9

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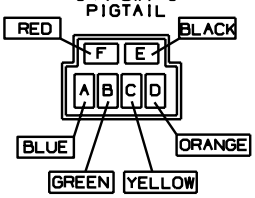
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

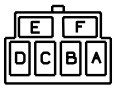
TURN SIGNAL SWITCH LOCATED BEHIND INSTRUMENT PANEL-RIGHT (36M)

TURN SWITCH PIGTAIL



CONNECTOR-0258059C2

CAB HARNESS



CONNECTOR-0258058C1

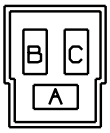
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	57A	14	OR	0333735C1	N/A
A	57E	14	OR	0333735C1	N/A
B	57B	12	OR	0333734C1	N/A
C	56B	12	OR	0333734C1	N/A
D	56A	14	OR	0333735C1	N/A
D	56E	14	OR	0333735C1	N/A
E	55A	12	OR	0333734C1	N/A
F	-	-	-	-	-

(37M)

CONNECTOR 0266516C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	43C	16	GY	0188396R1	N/A
B	43-G	16	WH	0188396R1	N/A
C	43	16	GY	0188396R1	N/A

PDL SWITCH (37F)



CONNECTOR-0266515C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	43C	16	GY	0239807R1	N/A
B	YL	16	YL	0239807R1	N/A
C	43	16	GY	0239807R1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 09

Figure 399 Connector Composites (36M), (37M), (37F)

27.10. CONNECTOR COMPOSITES (39), (40M), P. 10

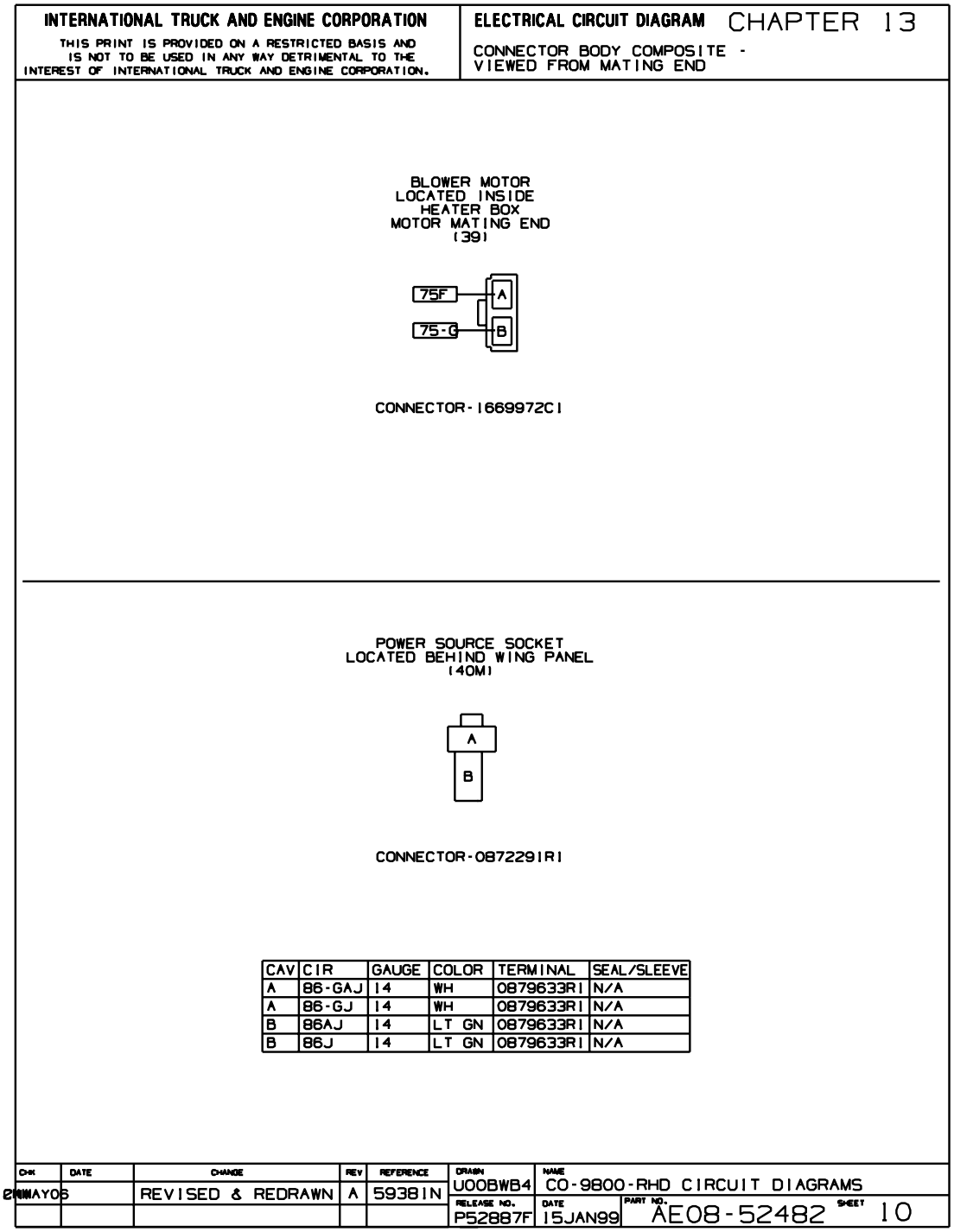


Figure 400 Connector Composites (39), (40M)

27.11. CONNECTOR COMPOSITES (42M), (43M), P. 11

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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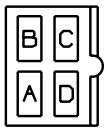
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

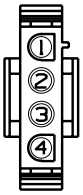
PYROMETER CONTROL MODULE CONN (42M)



CONNECTOR-0255058C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	11-GAB	16	WH	0188396R1	N/A
B	25	16	GY	0188396R1	N/A
C	25A	16	GY	0188396R1	N/A
D	25B	16	GY	0188396R1	N/A

AUTOSHIFT2 DISPLAY (43M)



CONNECTOR-3512117C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	92O	16	TN	1661539C1	N/A
2	92P	16	TN	1661539C1	N/A
3	92N	16	TN	1661539C1	N/A
4	92R	16	TN	1661539C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 / PART NO. AE08-52482 / SHEET 11

Figure 401 Connector Composites (42M), (43M)

27.12. CONNECTOR COMPOSITES (44M), (45F), (48F), P. 12

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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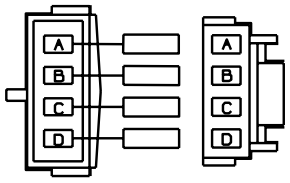
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

HEATER BOX HARNESS CAB HARNESS

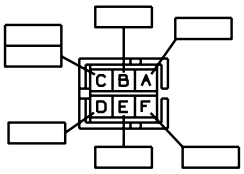


CONNECTOR-1661205C1 CONNECTOR-1661204C1

HEATER CONNECTOR #1 LOCATED OUTSIDE HEATER BOX (44M)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	75F	10	LT GN	1661227C1	N/A
B	75M	14	LT GN	1661226C1	N/A
C	75T	14	LT GN	1661226C1	N/A
D	75-G	10	WH	1661227C1	N/A

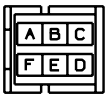
HEATER BOX HARNESS



CONNECTOR-1661200C1

HEATER CONNECTOR #2 LOCATED OUTSIDE HEATER BOX (45F)

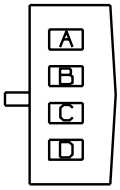
CAB HARNESS



CONNECTOR-1661201C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	75L	16	LT GN	1661213C1	N/A
A	75L	16	LT GN	1661213C1	N/A
B	75K	18	LT GN	1661212C1	N/A
B	75K	18	LT GN	1661212C1	N/A
C	77H	14	LT GN	3534167C1	N/A
D	77R	18	LT GN	1661212C1	N/A
E	77F	14	LT GN	3534167C1	N/A
F	75C	14	LT GN	3534167C1	N/A

SLEEPER HEATER CONN # 1 (48F)



CONNECTOR 1661205C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	75AF	10	LT GN	1661233C1	N/A
B	75AM	10	LT GN	1661233C1	N/A
C	75AT	14	LT GN	1661231C1	N/A
D	75-GA	10	WH	1661233C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 12

Figure 402 Connector Composites (44M), (45F), (48F)

27.13. CONNECTOR COMPOSITES (51M), (52), (54), (55F), P. 13

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

SLEEPER HEATER
CONN # 2
(51M)

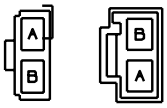
CONNECTOR 1661196C1

CAV	CIRCUIT	GAUGE	COL	TERM	SEAL/SLEEVE
A	75AC	14	LT GN	1661209C1	N/A
A	75AC	14	LT GN	1661209C1	N/A
B	-	-	-	-	-

CAB LEFT SPEAKER
(52)

SPEAKER PIGTAIL

ROOF HARNESS



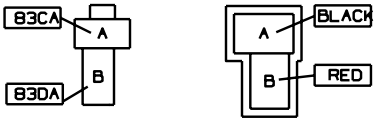
CONNECTOR-1661197C1 CONNECTOR-1661196C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	86A	18	LT GN	1661212C1	N/A
B	86B	18	LT GN	1661212C1	N/A

RIGHT ELECTRIC
WINDOW MOTOR
LOCATED IN LEFT DOOR
(54)

DOOR HARNESS

MOTOR PIGTAIL



CONNECTOR-0872291R1 CONNECTOR-0872290R1

CLUTCH SWITCH
LOCATED BEHIND
INSTRUMENT PANEL - RIGHT
(55F)

CAB HARNESS

SWITCH JUMPER

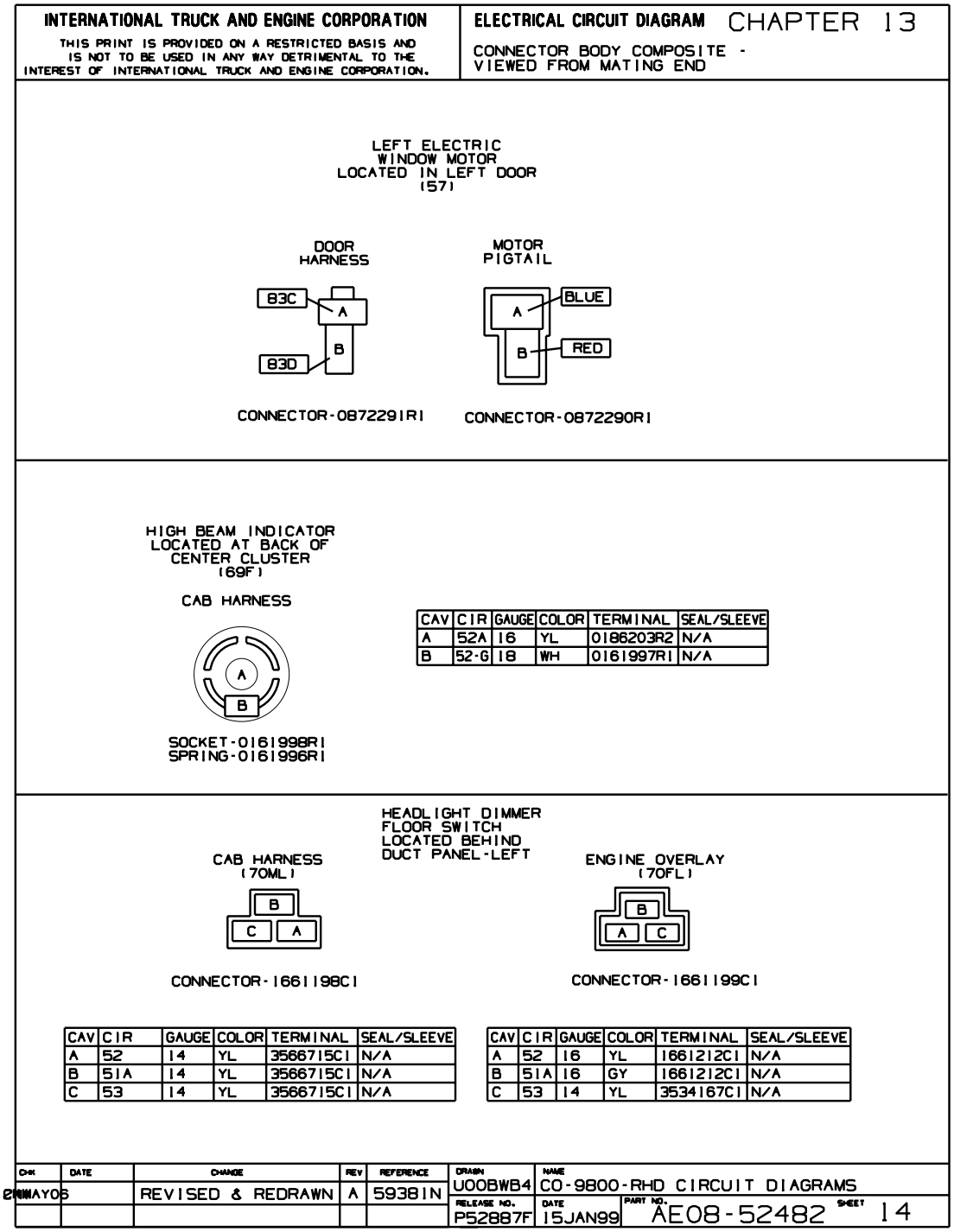
CONNECTOR-1661197C1 CONNECTOR-1661196C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	97AH	18	VT	1661212C1	N/A
B	97-GH	18	VT	1661212C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21MAY08		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 13

Figure 403 Connector Composites (51M), (52), (54), (55F)

27.14. CONNECTOR COMPOSITES (57), (69F), (70ML), (70FL), P. 14



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	52A	16	YL	0186203R2	N/A
B	52-G	18	WH	0161997R1	N/A

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	52	14	YL	3566715C1	N/A
B	51A	14	YL	3566715C1	N/A
C	53	14	YL	3566715C1	N/A

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	52	16	YL	1661212C1	N/A
B	51A	16	GY	1661212C1	N/A
C	53	14	YL	3534167C1	N/A

Figure 404 Connector Composites (57), (69F), (70ML), (70FL)

27.15. CONNECTOR COMPOSITES — RIGHT GAUGE CLUSTER, P. 15

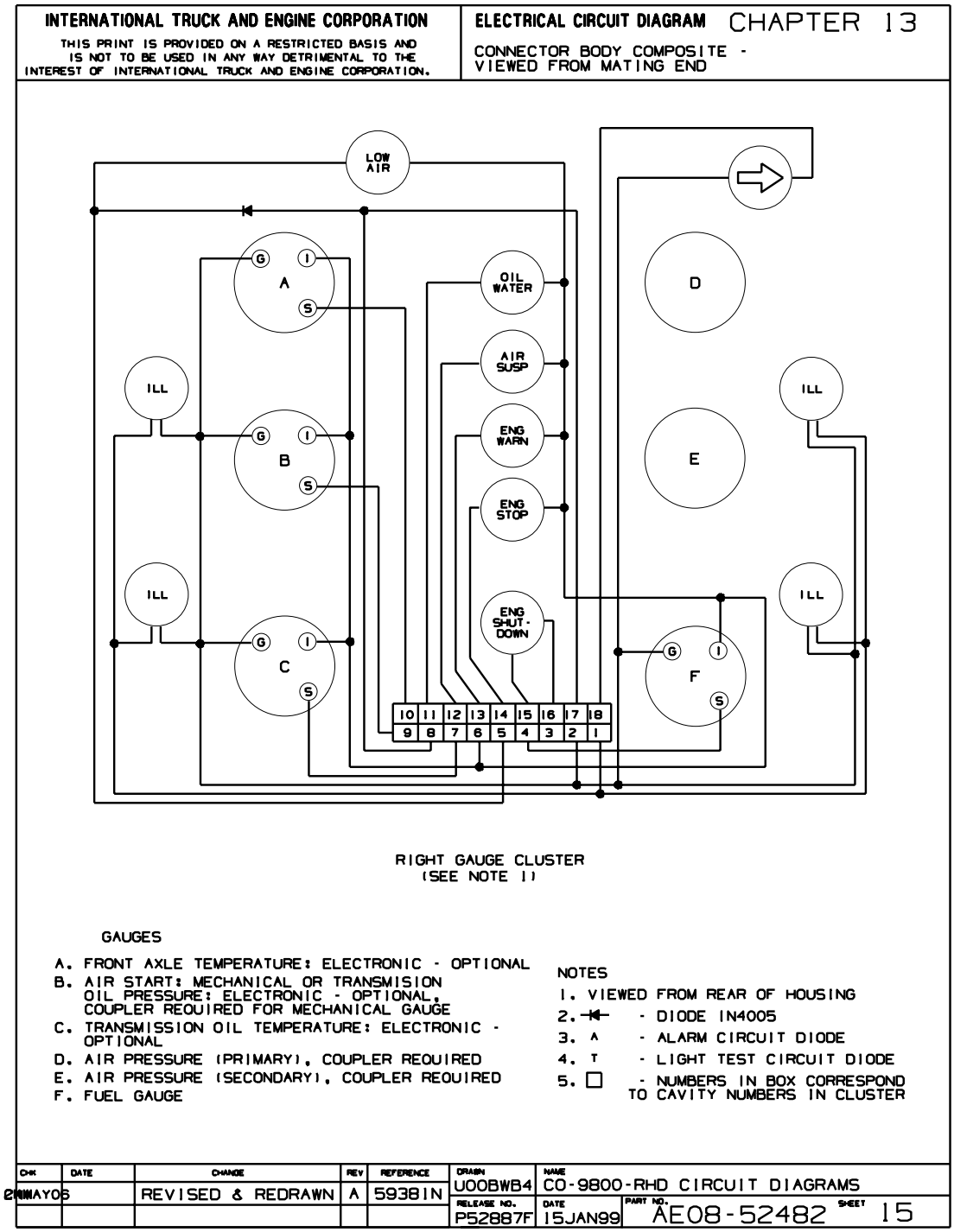


Figure 405 Connector Composites — Right Gauge Cluster

27.16. CONNECTOR COMPOSITES (72M), P. 16

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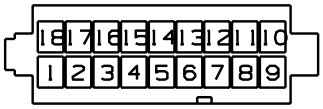
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

CLUSTER CONNECTOR
(72M)
CAB HARNESS



CONNECTOR 0500477C1

CAV	CIR	GAUGE	COLOUR	TERMINAL	SEAL/SLEEVE
1	62B	16	DK BL	0500593C1	N/A
2	11-GW	16	WH	0500593C1	N/A
3	-	-	-	-	-
4	36A	18	TN	1651675C1	N/A
5	40C	18	GY	1651675C1	N/A
6	28A	18	TN	1651675C1	N/A
7	31B	16	TN	0500593C1	N/A
8	-	-	-	-	-
9	32C	16	TN	0500593C1	N/A
10	32B	16	TN	0500593C1	N/A
11	97AZ	18	VT	1651675C1	N/A
12	38	16	TN	0500593C1	N/A
13	97AT	18	VT	1651675C1	N/A
14	97AP	18	VT	1651675C1	N/A
15	-	-	-	-	-
16	-	-	-	-	-
17	40	18	GY	1651675C1	N/A
18	57F	16	OR	0500593C1	N/A

NOTES
1. VIEW OF CLUSTER CONNECTOR VIEWED FROM MATING (TERMINAL) END

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	C0-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 16

Figure 406 Connector Composites (72M)

27.17. CONNECTOR COMPOSITES — LEFT GAUGE CLUSTER, P. 17

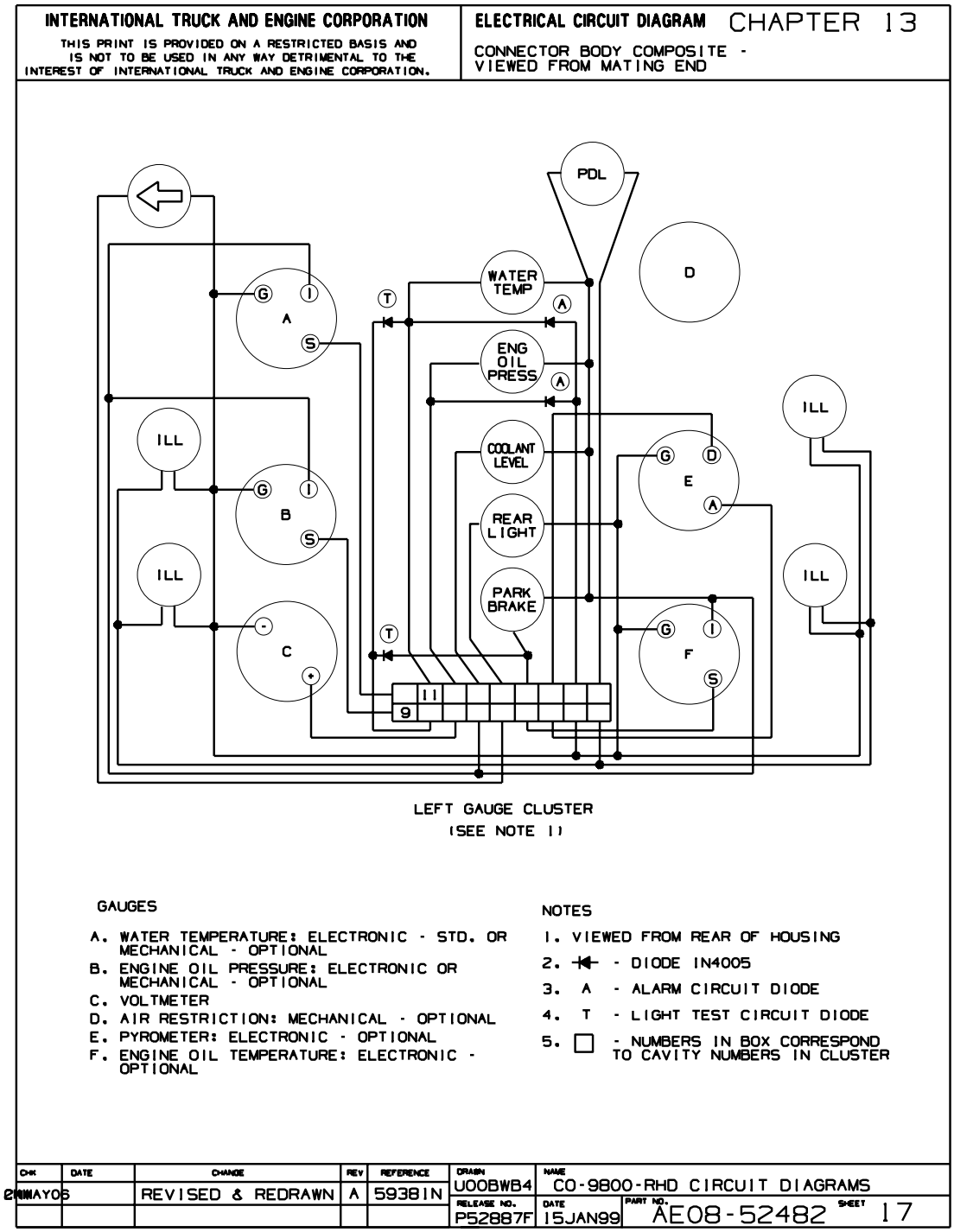


Figure 407 Connector Composites — Left Gauge Cluster

27.18. CONNECTOR COMPOSITES (73M), P. 18

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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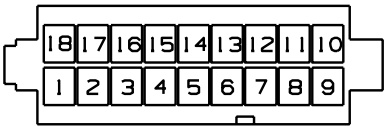
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

CLUSTER CONNECTOR
(73M)
CAB HARNESS



CONNECTOR 0500477C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
1	62C	16	DK BL	0500593C1	N/A
2	11-GV	16	WH	0500593C1	N/A
3	25A	16	GY	0500593C1	N/A
4	30A	16	TN	0500593C1	N/A
5	56F	16	OR	0500593C1	N/A
6	28B	18	TN	1651675C1	N/A
7	27	18	TN	1651675C1	N/A
8	-	-	-	-	-
9	-	-	-	-	-
10	29B	18	TN	1651675C1	N/A
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	65B	18	OR	1651675C1	N/A
15	40D	18	GY	1651675C1	N/A
16	25B	16	GY	0500593C1	N/A
17	-	-	-	-	
18	43	16	GY	0500593C1	N/A

NOTES

1. VIEW OF CLUSTER CONNECTOR VIEWED FROM MATING (TERMINAL) END

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 — PART NO. AE08-52482 — SHEET 18

Figure 408 Connector Composites (73M)

27.19. CONNECTOR COMPOSITES (76M), (77M), (80), P. 19

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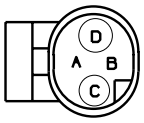
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

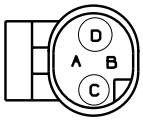
PRIMARY LOW PRESSURE SWITCH LOCATED BEHIND LEFT GAUGE CLUSTER (76M)



CONNECTOR-1661777C1
CONNECTOR LOCK-1666187 3C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	40-GA	18	WH	1661875C1	1661872C1
D	40A	18	GY	1661875C1	1661872C1

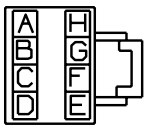
SECONDARY LOW PRESSURE SWITCH LOCATED BEHIND LEFT GAUGE CLUSTER (77M)



CONNECTOR-1661777C1
CONNECTOR LOCK-1661873C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	40-GB	18	WH	1661875C1	1661872C1
D	40B	18	GY	1661875C1	1661872C1

CAB TO SLPR 1 (80)



CONNECTOR 2005836C1
CONNECTOR 2006504C1
BODY LOCK

CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
A	75AH	16	LT GN	1661213C1	N/A
B	75AN	16	LT GN	1661213C1	N/A
C	75AC	14	LT GN	1661213C1	N/A
D	75AS	14	LT GN	1661213C1	N/A
E	86U	14	LT GN	1661213C1	N/A
F	-	-	-	-	-
G	62BB	16	DK BL	1661213C1	N/A
H	75K	18	LT GN	1661212C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 19

Figure 409 Connector Composites (76M), (77M), (80)

27.20. CONNECTOR COMPOSITES (80M), (81), (81M), P. 20

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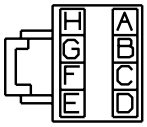
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

CAB TO SLEEPER
CONN # 1
(80M)



CONNECTOR 2005835C1

CONNECTOR 2006503C1
BODY LOCK

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	75AH	16	LT GN	1661209C1	N/A
B	75AN	16	LT GN	1661209C1	N/A
C	75AC	14	LT GN	1661209C1	N/A
D	75AS	14	LT GN	1661209C1	N/A
E	86U	14	LT GN	1661209C1	N/A
F	-	-	-	-	-
G	62BB	16	DK BL	1661209C1	N/A
H	75K	18	LT GN	1661208C1	N/A

CAB TO SLPR 2
(81)

CONNECTOR 1661196C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	65A	18	OR	1661212C1	N/A
B	11-GAN	10	WH	1661214C2	N/A

CAB TO SLEEPER
CONN # 3
(81M)

CONNECTOR 1661196C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	65A	18	OR	1661208C1	N/A
B	11-GAN	10	WH	1661211C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 20

Figure 410 Connector Composites (80M), (81), (81M)

27.21. CONNECTOR COMPOSITES (83), (84), (86F), P. 21

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

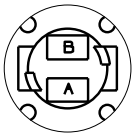
CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

CAB HARNESS
HEATER CONTROL SWITCH
LOCATED BEHIND HEATER CONTROLS
(83)

CONNECTOR-0463156C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	75C	14	LT GN	0188396R1	N/A
B	75H	14	LT GN	0188396R1	N/A
C	75B	14	LT GN	0188396R1	N/A
D	75N	14	LT GN	0188396R1	N/A
E	77	18	LT GN	0879630R1	N/A

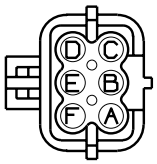
CAB HARNESS
HEATER CONTROL
PANEL LIGHT
LOCATED BEHIND
HEATER CONTROLS
(84)



CONNECTOR-0435267C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	62P	16	DK BL	2010368C1	N/A
A	62AU	16	DK BL	2010368C1	N/A
B	62-GAU	18	WH	0435272C1	N/A
B	62-GP	18	WH	0435272C1	N/A

EATON AUTOSHIFT
(86F)



CONNECTOR-202443C1
CONNECTOR LOCK-2011364C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	92GA	16	TN	1667742C1	1661872C1
B	92H	16	TN	1667742C1	1661872C1
C	92J	16	TN	1667742C1	1661872C1
D	92K	16	TN	1667742C1	1661872C1
E	92L	16	TN	1667742C1	1661872C1
F	92M	16	TN	1667742C1	1661872C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 21

Figure 411 Connector Composites (83), (84), (86F)

27.22. CONNECTOR COMPOSITES (102), (102F), P. 22

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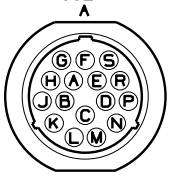
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

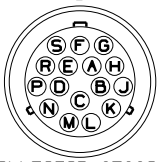
CAB HARNESS (102F) A



CONNECTOR-0500395C1

ENGINE CONNECTOR LOCATED ON CAB FLOOR-FRONT LEFT

ENGINE HARNESS (102) B



CONNECTOR-0500396C1
CAVITY PLUG-0453133C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	16A	12	GY	0500398C1	N/A
A	16A	12	GY	0500397C1	N/A
B	17A	12	PK	0500397C1	N/A
B	17A	12	PK	0500398C1	N/A
C	PLUG	-	-	0453133C1	-
D	29	12	TN	0500397C1	N/A
D	29D	12	TN	0500398C1	N/A
E	PLUG	-	-	0453133C1	-
F	77A	12	LT GN	0500398C1	N/A
F	77A	12	GY	0500397C1	N/A
G	23	12	TN	0500398C1	N/A
H					0453133C1
J	30A	12	TN	0500397C1	N/A
J	30	12	TN	0500398C1	N/A
K	31A	12	TN	0500398C1	N/A
K	31A	12	TN	0500397C1	N/A
L	71	12	OR	0500397C1	N/A
L	71	12	OR	0500398C1	N/A
M	PLUG	-	-	0453133C1	-
N	PLUG	-	-	0453133C1	-
P	23A	12	TN	0500398C1	N/A
R	35	14	TN	0500397C1	N/A
S	36	12	GY	0500397C1	N/A
S	36	12	TN	0500398C1	N/A

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	PLUG	-	-	0453133C1	-
B	PLUG	-	-	0453133C1	-
C	PLUG	-	-	0453133C1	-
D	PLUG	-	-	0453133C1	-
E	PLUG	-	-	0453133C1	-
F	PLUG	-	-	0453133C1	-
G	23D	12	WH	0500397C1	N/A
H	PLUG	-	-	0453133C1	-
J	PLUG	-	-	0453133C1	-
K	PLUG	-	-	0453133C1	-
L	PLUG	-	-	0453133C1	-
M	PLUG	-	-	0453133C1	-
N	PLUG	-	-	0453133C1	-
P	23DS	12	BK	0500397C1	N/A
R	PLUG	-	-	0453133C1	-
S	PLUG	-	-	0453133C1	-

LOCATED BEHIND THE SPRING BRAKE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20	MAY06	REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 — PART NO. AE08-52482 — SHEET 22

Figure 412 Connector Composites (102), (102F)

27.23. CONNECTOR COMPOSITES (104F), (104M), (105F), (105M), (106M), P. 23

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

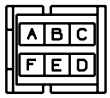
ROOF HARNESS #3
LOCATED BEHIND INSTRUMENT PANEL-LEFT

CAB HARNESS (104M)

CONNECTOR-1661200C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	-	-	-	-	-
D	-	-	-	-	-
E	86	16	LT GN	1661209C1	N/A
F	88B	16	LT GN	1661209C1	N/A

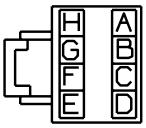
CAB ROOF HARNESS (104F)



CONNECTOR-1661201C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	-	-	-	-	-
D	-	-	-	-	-
E	86	16	LT GN	1661212C1	N/A
F	88B	16	LT GN	1661212C1	N/A

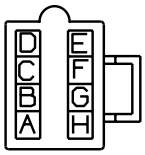
ROOF HARNESS # 4 (105F)



CONNECTOR 2005835C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
A	11-GPD	18	WH	1661208C1	N/A
B	14B	18	RD	1661208C1	N/A
C	13PB	18	PK	1661208C1	N/A
D	98D(-)	18	BK	1661208C1	N/A
E	98E(+)	18	BK	1661208C1	N/A
F	62EA	18	DK BL	1661208C1	N/A
G	-	-	-	-	-
H	-	-	-	-	-

ROOF HARNESS # 4 (105M)



CONNECTOR 2005836C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
A	11-GPD	18	WH	1661212C1	A
B	14B	18	RD	1661212C1	N/A
C	13PB	18	PK	1661212C1	C
D	98D(-)	18	BK	1661212C1	N/A
E	98E(+)	18	BK	1661212C1	N/A
F	62EA	18	DK BL	1661212C1	F
G	-	-	-	-	-
H	-	-	-	-	-

SPRING BRAKE DIODE ASSEMBLY (106M)

CONNECTOR-0872291R1

CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
A	70T	16	OR	0188396R1	N/A
B	70M	16	OR	0188396R1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. 52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 23

Figure 413 Connector Composites (104F), (104M), (105F), (105M), (106M)

27.24. CONNECTOR COMPOSITES (108F), (109F), (111M), P. 24

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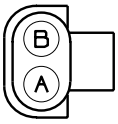
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

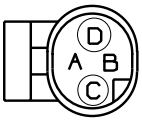
DIFF-LOCK SOLENOID (108F)



CONNECTOR 0587568C91

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	49C	14	GY	0587575C1	0589391C1
B	49-GB	14	WH	0587575C1	0589391C1

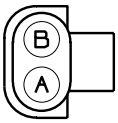
DIFF-LOCK PRESSURE SWITCH (109F)



CONNECTOR 1661777C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	-	-	-	-	-
B	-	-	-	-	-
C	49FA	16	GY	1661875C1	1661872C1
D	49EA	16	GY	1661875C1	1661872C1

FWD-RR AXLE (111M)



CONNECTOR 0587568C91

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	49L	14	GY	0587575C1	0589391C1
B	49-G	14	WH	0587575C1	0589391C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 / PART NO. AE08-52482 / SHEET 24

Figure 414 Connector Composites (108F), (109F), (111M)

27.25. CONNECTOR COMPOSITES (114), (114M), (116), P. 25

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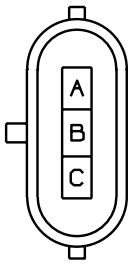
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

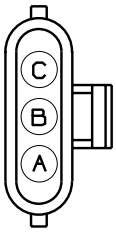
TRAILER SOCKET 1
(114)



CONNECTOR 1667732C1
CONNECTOR 1667734C1
BODY LOCK

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	70C	10	OR	2025425C1	1667735C1
B	68A	10	BN	2025425C1	1667735C1
C	94AF	10	GY	2025425C1	1667735C1

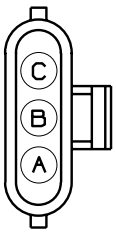
TRAILER SOCKET HARNESS
(114M)



CONNECTOR 1667733C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	70C	10	OR	2025425C1	1667735C1
B	68A	10	BN	2025425C1	1667735C1
C	94AF	10	GY	2025425C1	1667735C1

TRAILER SOCKET 1
(116)



CONNECTOR 1667733C1
CONNECTOR 1667734C1
BODY LOCK

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	58A	12	BN	1667737C1	1671603C1
B	56D	12	OR	1667737C1	1671603C1
C	57D	12	OR	1667737C1	1671603C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 25

Figure 415 Connector Composites (114), (114M), (116)

27.26. CONNECTOR COMPOSITES (116F), (122), (123), P. 26

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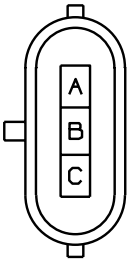
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

TRAILER SOCKET #2 (116F)



CONNECTOR 1667732C1

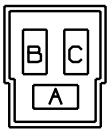
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	58A	12	BN	2025424C1	1671603C1
B	56D	12	OR	2025424C1	1671603C1
C	57D	12	OR	2025424C1	1671603C1

VOLUME CONTROL-FRONT/LEFT (122)

CONNECTOR 0266516C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	86F	18	LT GN	0333732C1	N/A
B	86CA	18	LT GN	0333732C1	N/A
C	86R	18	LT GN	0333732C1	N/A

VOLUME CONTROL-REAR/RIGHT (123)



CONNECTOR 0266515C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	86H	18	LT GN	0241117R1	N/A
B	86S	18	LT GN	0241117R1	N/A
C	86CC	18	LT GN	0241117R1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 — PART NO. AE08-52482 — SHEET 26

Figure 416 Connector Composites (116F), (122), (123)

27.27. CONNECTOR COMPOSITES (125), (125F), (127), (127A), P. 27

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

CHASSIS CONNECTOR
LOCATED ON CAB FLOOR-FRONT RIGHT

CHASSIS HARNESS (125)

A

CONNECTOR-0500394C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
A	PLUG	-	-	0453133C1	-
B	PLUG	-	-	0453133C1	-
C	PLUG	-	-	0453133C1	-
D	PLUG	-	-	0453133C1	-
E	PLUG	-	-	0453133C1	-
F	PLUG	-	-	0453133C1	-
G	PLUG	-	-	0453133C1	-
H	PLUG	-	-	0453133C1	-
J	PLUG	-	-	0453133C1	-
K	64R	12	YL	3557534C1	N/A
L	PLUG	-	-	0453133C1	-
M	PLUG	-	-	0453133C1	-
N	PLUG	-	-	0453133C1	-
P	64P	12	YL	0500398C1	N/A
R	PLUG	-	-	0453133C1	-
S	PLUG	-	-	0453133C1	-

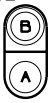
CAB HARNESS (125F)

B

CONNECTOR-0500393C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
A	68D	12	BN	0500397C1	3541120C93
B	57B	12	OR	0500397C1	3541120C93
C	56B	12	OR	0500397C1	3541120C93
D	49E	14	GY	0500398C1	3509521C92
E	49F	14	GY	0500398C1	3509521C92
F	49C	14	GY	0500398C1	3509521C92
G	32	12	TN	0500397C1	2039178C91
H	32A	12	TN	0500397C1	2039178C91
J	-	-	-	-	-
K	64Z	14	YL	0500397C1	3541644C92
L	71	12	OR	0500397C1	3541120C93
M	70A	14	OR	0500397C1	3541120C93
N	11-GTL	14	WH	0500397C1	3541120C93
P	64D	14	YL	0500397C1	3541644C92
R	49J	14	GY	0500398C1	3509521C92
S	49L	14	GY	0500398C1	3509521C92

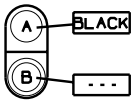
ENGINE HARNESS (127)



FUEL SENDER LOCATED AT
LEFT SIDEMEMBER-
REAR OF CAB
(127/127A)

CONNECTOR(CM SLEEVE)-AM-089000-CM#5

SENDER PIGTAIL (127A)



CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
PIN	36-G	14	WH	0418647C1	089000-CM
PIN	36-G	14	WH	0418647C1	089000-CM
PIN	36-G	14	WH	0418647C1	089000-CM
RCPT	36	12	GY	0418645C1	089000-CM
RCPT	36	12	GY	0418645C1	089000-CM
RCPT	36	12	GY	0418645C1	089000-CM

CAV	CIR	GAUGE	COL	TERM	SEAL/SLEEVE
PIN	36	16	BK	0418646C1	089000-CM
PIN	36	16	BK	0418646C1	089000-CM
RCPT	36-G	16	WH	0418644C1	089000-CM
RCPT	36-G	16	WH	0418644C1	089000-CM

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
02	14MAY06	REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 / PART NO. AE08-52482 / SHEET 27

Figure 417 Connector Composites (125), (125F), (127), (127A)

27.28. CONNECTOR COMPOSITES (128M), (129M), P. 28

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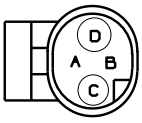
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

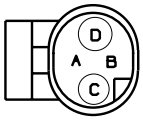
FRONT TANK STOP LIGHT SWITCH
W/RED STRIPE LOCATED
CAB FLOOR-OUTSIDE RIGHT
(128M)



CONNECTOR-1661777C1
CONNECTOR LOCK-1661873C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	YELLOW-2	16	YL	1661875C1	1661872C1
D	GREEN-2	16	GN	1661875C1	1661872C1

REAR TANK STOP LIGHT SWITCH
W/RED STRIPE LOCATED
CAB FLOOR-OUTSIDE RIGHT
(129M)



CONNECTOR-1661777C1
CONNECTOR LOCK-1661873C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	YELLOW-2	16	YL	1661875C1	1661872C1
D	GREEN-2	16	GN	1661875C1	1661872C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 — PART NO. AE08-52482 — SHEET 28

Figure 418 Connector Composites (128M), (129M)

27.29. CONNECTOR COMPOSITES (130M), (131M), P. 29

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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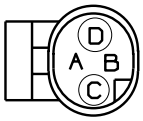
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

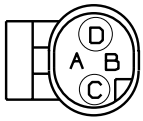
FRONT TANK CRUISE
BRAKE SWITCH W/WHITE STRIPE
LOCATED CAB FLOOR-OUTSIDE RIGHT
(130M)



CONNECTOR-1661777C1
CONNECTOR LOCK-1661873C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	97-GF	18	VT	1661875C1	1661872C1
D	97NS	18	VT	1661875C1	1661872C1

REAR TANK CRUISE
BRAKE SWITCH W/WHITE STRIPE
LOCATED CAB FLOOR-OUTSIDE RIGHT
(131M)



CONNECTOR-1661777C1
CONNECTOR LOCK-1661873C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	97AL	18	VT	1661875C1	1661872C1
D	97NS	18	VT	1661875C1	1661872C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21	10MAY06	REVISED & REDRAWN	A	59381N	U00BWB4	C0-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 / PART NO. AE08-52482 / SHEET 29

Figure 419 Connector Composites (130M), (131M)

27.30. CONNECTOR COMPOSITES (132M), (133M), P. 30

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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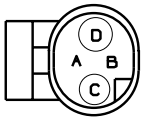
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

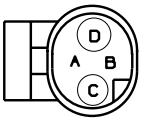
SPRING BRAKE STOP LIGHT SWITCH
W/RED HOSE LOCATED BEHIND
LEFT CLUSTER
(132M)



CONNECTOR-1661777C1
CONNECTOR LOCK-1661873C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
D	70T	16	OR	1661875C1	1661872C1
C	70L	16	OR	1661875C1	1661872C1

SPRING BRAKE ENGAGED SWITCH
W/YELLOW HOSE LOCATED BEHIND
LEFT CLUSTER
(133M)



CONNECTOR-1661777C1
CONNECTOR LOCK-1661873C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	40-GD	18	WH	1661875C1	1661872C1
D	40D	18	GY	1661875C1	1661872C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 — PART NO. AE08-52482 — SHEET 30

Figure 420 Connector Composites (132M), (133M)

27.31. CONNECTOR COMPOSITES (134F), (134M), (135M), P. 31

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

TO STOP LIGHT SWITCH
LOCATED BEHIND KICK PANEL-RIGHT

HEADLIGHT HARNESS
(134M)

CONNECTOR-1661196C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	70N	16	OR	1661209C1	N/A
B	70P	16	OR	1661209C1	N/A

CAB HARNESS
(134F)

CONNECTOR-1661197C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	70N	16	OR	1661212C1	N/A
B	70P	16	OR	1661212C1	N/A

TO CRUISE PRESSURE SWITCH
LOCATED BEHIND KICK PANEL-RIGHT

CAB HARNESS
(135M)

CONNECTOR-1669972C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	97-GF	18	VT	1661208C1	N/A
B	97AL	18	VT	1661208C1	N/A

HEADLIGHT HARNESS
(135M)

CONNECTOR-1669973C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	97-GF	18	VT	1661212C1	N/A
B	97AL	18	VT	1661212C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21MAY08		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 31

Figure 421 Connector Composites (134F), (134M), (135M)

27.32. CONNECTOR COMPOSITES (154), (155), (156), P. 32

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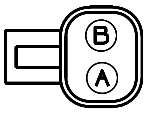
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

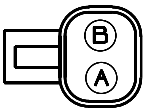
DRIVING LIGHTS
(154)



CONNECTOR 1671610C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	64R	12	YL	2033816C1	0589390C1
A	64J	14	YL	2033912C1	0589391C1
B	11-GWW	12	WH	2033816C1	0589390C1
B	11CW	14	WH	2033912C1	0589391C1

CHASSIS CONNECTOR
(154)

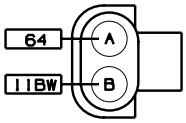


CONNECTOR 1671611C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	64R	12	YL	2033816C1	0589390C1
A	64J	14	YL	2033912C1	0589391C1
B	11-GWW	12	WH	2033816C1	0589390C1
B	11CW	14	WH	2033912C1	0589391C1

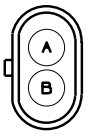
FOG LIGHTS
LOCATED UNDER CAB RIGHT FRONT SIDE
(155)

FOGLIGHT HARNESS



CONNECTOR-0587568C91

CHASSIS HARNESS

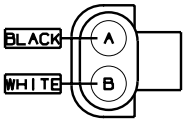


CONNECTOR-0587567C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	64P	12	YL	1673748C1	0589390C1
B	11-GW	12	WH	1673748C1	0589390C1

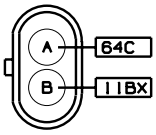
LEFT FOG LIGHT
LOCATED BEHIND BUMPER-LEFT SIDE
(156)

FOGLIGHT PIGTAIL



CONNECTOR-0587568C91

FOGLIGHT HARNESS



CONNECTOR-0587567C91

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20MAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 — PART NO. AE08-52482 — SHEET 32

Figure 422 Connector Composites (154), (155), (156)

27.33. CONNECTOR COMPOSITES (157), (165), (166), (170F), (189M), P. 33

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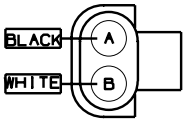
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

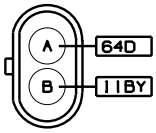
RIGHT FOG LIGHT LOCATED BEHIND BUMPER-RIGHT SIDE (157)

FOGLIGHT PIGTAIL



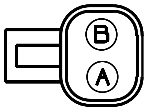
CONNECTOR-0587568C91

FOGLIGHT HARNESS



CONNECTOR-0587567C91

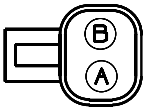
DRIVER SIDE DRIVING LIGHT (165)



CONNECTOR 1671610C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	64L	14	YL	2033816C1	0589391C1
B	11CY	14	WH	2033816C1	0589391C1

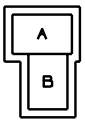
PASSENGER SIDE DRIVING LIGHT (166)



CONNECTOR 1671610C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	64K	14	YL	2033816C1	0589391C1
B	11CX	14	WH	2033816C1	0589391C1

DIMMER CONTROL LOCATED NEAR TURN SIGNAL HANDLE (170F)



CONNECTOR-0872290R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	51C	16	GY	0239807R1	N/A
B	11-GAW	16	WH	0239807R1	N/A

BACK-UP LIGHT SWITCH LOCATED INSIDE RIGHT SIDEMEMBER-REAR OF CAB (189M)

CONNECTOR-1671610C1
CONNECTOR LOCK-1671608C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	71A	14	OR	2033816C1	0589391C1
B	71	12	OR	2033816C1	0589390C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21MAY05		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 33

Figure 423 Connector Composites (157), (165), (166), (170F), (189M)

27.34. CONNECTOR COMPOSITES (201M), (207), (213M), P. 34

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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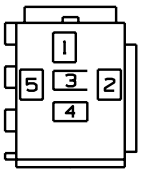
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

START ENABLE
(201M)

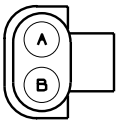


CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	17Z	12	PK	1661710C1	N/A
2	17-GA	16	WH	1661709C1	N/A
3	-	-	-	-	-
4	17W	16	PK	1661710C1	N/A
4	17X	12	PK	1661710C1	N/A
5	17U	16	PK	1661709C1	N/A

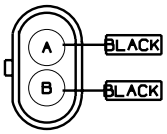
CONNECTOR 0593385C1

CONNECTOR 0593387C1
BODY LOCK

LEFT AND RIGHT COURTESY LIGHTS
LOCATED IN DOOR-LEFT & RIGHT
(207)



CONNECTOR-0587568C91



CONNECTOR-0587567C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	63H	18	DK BL	0587576C1	1652325C1
B	63V	18	DK BL	0587576C1	1652325C1

(213M)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	85-GC	16	GY	1661218C1	N/A

CONNECTOR 1661202C1

CONNECTOR 0593387C1
BODY LOCK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
20MAY03		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52482 · SHEET 34

Figure 424 Connector Composites (201M), (207), (213M)

27.35. CONNECTOR COMPOSITES (214M), (216), (220M), (225), P. 35

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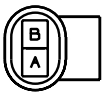
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

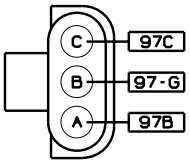
HORN-ELECTRIC LOCATED ON HORN-BEHIND RADIATOR ACCESS DOOR (214M)



CONNECTOR-1661778C1

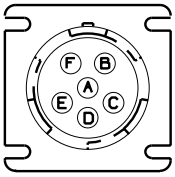
CAV	CIR	GAUGE	COL	TERMINAL	SEAL/SLEEVE
A	85-G	16	WH	1661875C1	1661872C1
B	85B	16	GY	1661875C1	1661872C1

ECM POWER CONNECTOR LOCATED NEAR STARTING MOTOR (216)



CONNECTOR-0587570C91

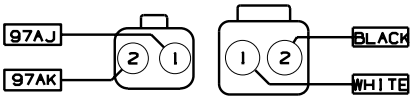
DATA LINK CONNECTOR LOCATED UNDER RIGHT SIDE OF INTRUMENT PANEL (220M)



CONNECTOR-1621959C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	98A(+)	14	BK	0500397C1	N/A
B	98C(-)	14	BK	0500397C1	N/A
C	97DL	14	VT	0500397C1	N/A
D	-	-	-	-	-
E	11-GR	14	WH	0500397C1	N/A

VEHICLE SPEED SENSOR LOCATED ON TOP OF TRANSMISSION (225)



CONNECTOR-1684261C1 CONNECTOR-1684260C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21MMAY06		REVISED & REDRAWN	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 / PART NO. AE08-52482 / SHEET 35

Figure 425 Connector Composites (214M), (216), (220M), (225)

27.36. CONNECTOR COMPOSITES (234M), (239M), P. 36

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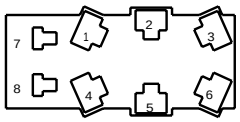
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

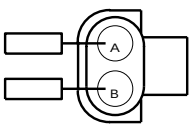
DIAGNOSTIC ON/OFF SWITCH
LOCATED BEHIND SWITCH CLUSTER
(234M)



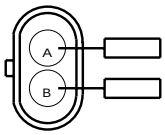
CONNECTOR-2009385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	97-GE	18	VT	1661224C1	N/A
6	97AM	18	VT	1661224C1	N/A
7	62BL	16	DK BL	1661209C1	N/A
8	62-GBL	18	WH	1661208C1	N/A

FAN SOLENOID
LOCATED ON LEFT SIDE OF ENG,FRONT
(239M)



CONNECTOR-0587568C91



CONNECTOR-0587567C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	23D	12	WH	1673747C1	0589390C1
B	23-GA	16	TN	0587575C1	1652325C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 36

Figure 426 Connector Composites (234M), (239M)

27.37. CONNECTOR COMPOSITES (240F), (241), P. 37

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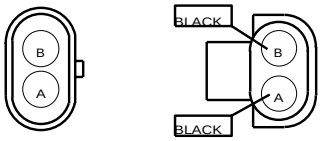
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

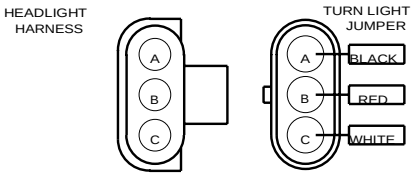
FREON PRESSURE SWITCH
LOCATED AT FREON COMPRESSOR
(240F)



CONNECTOR-0587567C91 CONNECTOR-0587568C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	23C	16	TN	0587577C1	1652325C1
B	23-GB	16	TN	0587577C1	1652325C1

SIDE TURN SIGNAL LOCATED
BEHIND TURN SIGNAL LIGHT ASSEMBLY
(241)



CONNECTOR-0587570C91 CONNECTOR-0587569C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	BROWN-A	14	BN	0587575C1	0589391C1
A	BROWN-A	14	BN	0587575C1	0589391C1
B	RED-A	14	RD	0587575C1	0589391C1
B	RED-A	14	RD	0587575C1	0589391C1
C	BLUE-A	14	BL	0587575C1	0589391C1
C	BLUE-A	14	BL	0587575C1	0589391C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 37

Figure 427 Connector Composites (240F), (241)

27.38. CONNECTOR COMPOSITES (242), (243), P. 38

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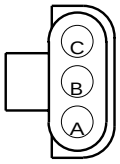
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

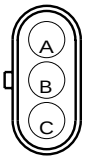
FRONT TURN SIGNAL
LOCATED BEHIND TURN LIGHT ASSEMBLY
(242)

HEAD LIGHT HARNESS



CONNECTOR-0587570C91

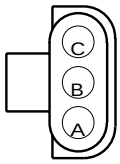
TURN LIGHT JUMPER



CONNECTOR-0587569C91

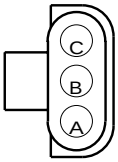
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	BROWN-B	14	BN	0587575C1	0589391C1
B	RED-B	14	RD	0587575C1	0589391C1
C	BLUE-B	14	BL	0587575C1	0589391C1

HEAD LIGHT CONNECTOR
LOCATED ABOVE HEADLIGHTS
(243)

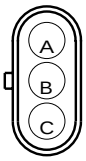


RIGHT SIDE

CONNECTOR-0587570C91



LEFT SIDE



BOTH SIDES

CONNECTOR-0587569C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	52C	14	YL	0587575C1	0589391C1
B	53B	14	YL	0587575C1	0589391C1
C	50-G	14	WH	0587575C1	0589391C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 38

Figure 428 Connector Composites (242), (243)

27.39. CONNECTOR COMPOSITES (244M), (245), (255M), P. 39

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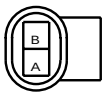
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

ENGINE WATERTEMPERATURE SENDER
LOCATED ON TOP OF ENGINE
(244M)

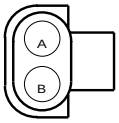


CONNECTOR-2036584C1

CAV	CIR	GAUGE	COL	TERMINAL	SEAL/SLEEVE
A	29A	16	TN	2036586C1	N/A
B	29-G	16	TN	2036586C1	N/A

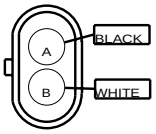
PARK LIGHT/HEADLIGHT CONNECTION
(245)

HEADLIGHT



CONNECTOR-0587568C91

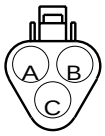
HEADLIGHT JUMPER



CONNECTOR-0587567C91

CAV	CIR	GAUGE	COL	TERMINAL	SEAL/SLEEVE
A	54B	14	BN	0587575C1	0589391C1
B	54-G	14	WH	0587575C1	0589391C1

AUTO SHIFT EPL
(255M)



CONNECTOR 1655702C1

CAV	CIR	GAUGE	COL	TERMINAL	SEAL/SLEEVE
A	98YL4(+)	20	YL	1651969C1	N/A
A	A4 98YL4(+)	20	YL	1651969C1	N/A
B	98GN4(-)	20	GN	1651969C1	N/A
B	A4 98GN4(-)	20	GN	1651969C1	N/A
C	98SHD4	20	NONE	1651969C1	N/A
C	A4 98SHD4	20	NONE	1651969C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 39

Figure 429 Connector Composites (244M), (245), (255M)

27.40. CONNECTOR COMPOSITES (262F), (262M), P. 40

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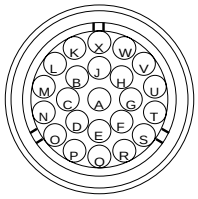
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

CAB FLOOR ELECTRONIC CONNECTOR
LOCATED ON CAB FLOOR-FRONT LEFT

ENGINE HARNESS
(262M)

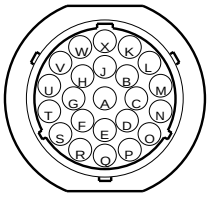
A



CONNECTOR-1674091C1

CAB HARNESS
(262F)

B



CONNECTOR-1674090C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	99	18	VT	1651988C1	N/A
B	99A(5V)	18	VT	1651988C1	N/A
C	99-G	18	VT	1651988C1	N/A
D	99B	18	VT	1651988C1	N/A
E	99C	18	VT	1651988C1	N/A
F	97AL	18	VT	1680205C1	N/A
G	97AM	18	VT	1680205C1	N/A
H	97AP	18	VT	1680205C1	N/A
J	97AB	18	VT	1680205C1	N/A
K	97AE	18	VT	1680205C1	N/A
L	97AA	18	VT	1680205C1	N/A
M	24AE	18	GY	1680205C1	N/A
N	24AF	18	GY	1680205C1	N/A
O	97AZ	18	VT	1680205C1	N/A
P	24AP	18	GY	1680205C1	N/A
Q	PLUG	-	-	0453133C1	-
R	PLUG	-	-	0453133C1	-
S	PLUG	-	-	0453133C2	-
T	97AH	18	VT	1680205C1	N/A
U	98B(-)	18	BK	1680205C1	N/A
V	98(+)	18	BK	1680205C1	N/A
W	97AT	18	VT	1680205C1	N/A
X	97-GA	18	VT	1651988C1	N/A

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	99	18	VT	1651987C1	N/A
B	99A(5V)	18	VT	1651987C1	N/A
C	99-G	18	WH	1651987C1	N/A
D	99B	18	VT	1651987C1	N/A
E	99C	18	VT	1651987C1	N/A
F	97AL	18	VT	1651968C1	N/A
G	97AM	18	VT	1651968C1	N/A
H	97AP	18	VT	1651968C1	N/A
J	97AB	18	VT	1651968C1	N/A
K	97AE	18	VT	1651968C1	N/A
L	97AA	18	VT	1651968C1	N/A
M	24AE	18	GY	1651968C1	N/A
N	24AF	18	GY	1651968C1	N/A
O	97AZ	18	VT	1651968C1	N/A
P	24AP	18	GY	1651968C1	N/A
Q	97AU	18	VT	1651968C1	N/A
R	97AV	18	WH	1651968C1	N/A
S	PLUG	-	-	0453133C1	-
T	97AH	18	VT	1651968C1	N/A
U	98B(-)	18	BK	1651968C1	N/A
V	98(+)	18	BK	1651968C1	N/A
W	97AT	18	VT	1651968C1	N/A
X	97-GA	18	VT	1651987C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 40

Figure 430 Connector Composites (262F), (262M)

27.41. CONNECTOR COMPOSITES (263), P. 41

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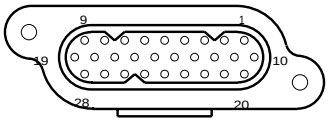
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

ENGINE CONTROL MODULE W/CELECT
LOCATED ON LEFT SIDE OF
ENGINE-AT REAR OF ECM
(263)



CONNECTOR-2041336C91
PLUG-1654800C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 41

Figure 431 Connector Composites (263)

27.42. CONNECTOR COMPOSITES (265M), (284), (302), (306M), P. 42

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

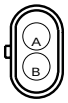
CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

DIAGNOSTICS INC/DEC SWITCH
LOCATED BEHIND SWITCH CLUSTER
CAB HARNESS ENGINE OVERLAY
(265M)

CONNECTOR-2009385C1

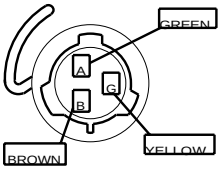
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	97AU	18	VT	1661224C1	N/A
2	97-GD	18	WH	1661224C1	N/A
3	97AV	18	WH	1661224C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	62BM	16	DK BL	1661209C1	N/A
8	62-GBM	18	WH	1661208C1	N/A

TRANSMISSION OIL TEMPERATURE SENDER
LOCATED ON TRANSMISSION
(284)



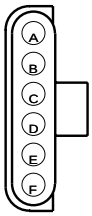
CONNECTOR-0587567C91

FRONT TURN SIGNAL
LAMP SOCKET
LOCATED BEHIND LIGHT
(302)



CONNECTOR-1664227C1

CUMMINS IDLE VALIDATION
LOCATED UNDER INSTRUMENT
PANEL-RIGHT CUMMINS
(306M)



CONNECTOR-0587574C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	99-G	18	WH	0587576C1	1652325C1
B	99	18	VT	0587576C1	1652325C1
C	99A(5V)	18	VT	0587576C1	1652325C1
D	99C	18	VT	0587576C1	1652325C1
E	99B	18	VT	0587576C1	1652325C1
F	99-GA	18	VT	0587576C1	1652325C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 42

Figure 432 Connector Composites (265M), (284), (302), (306M)

27.43. CONNECTOR COMPOSITES (307F), (309), (316), (340), (342M), P. 43

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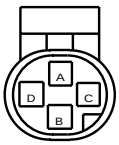
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

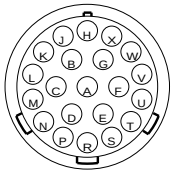
LOW COOLANT LEVEL SWITCH LOCATED ON SURGE TANK-REAR OF ENGINE (307F)



CONNECTOR-1673746C1

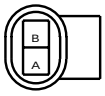
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	34	16	TN	1661875C1	1661872C1
B	34-G	16	TN	1661875C1	1661872C1
C	34B(5V)	16	TN	1661875C1	1661872C1
D	34A	16	TN	1661875C1	1661872C1

CUMMINS ENGINE CONNECTOR (309)



CONNECTOR-1651966C1

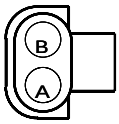
ENGINE OIL TEMPERATURE LOCATED ON SIDE OF OIL PAN (316)



CONNECTOR-2036584C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	30,31	18	TN	2036586C1	N/A
B	30G,31G	18	WH	2036586C1	N/A

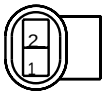
OIL TEMP SENDER (340)



CONNECTOR 0587568C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	30,31	18	TN	0587576C1	1652325C1
A	31A	12	TN	1673748C1	0589390C1
B	30G,31G	18	WH	0587576C1	1652325C1
B	31-G	18	WH	0587578C1	1652325C1

THERMAL OVERCRANK PROTECTION (342M)



CONNECTOR-3554317C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	17-G	18	WH	3554322C1	3554318C1
2	17D	18	PK	3554322C1	3554318C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 43

Figure 433 Connector Composites (307F), (309), (316), (340), (342M)

27.44. CONNECTOR COMPOSITES (350), (351), (352), P. 44

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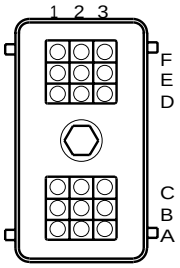
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

ECU
(350)



CONNECTOR 3554088C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A1	LTGN/WH	16	LT GN	3554090C1	N/A
A1	RD/WH	16	RD	3554090C1	N/A
A1	RD/WH	16	RD	3554090C1	N/A
A2	PLUG	-	-	3554386C1	-
A3	PLUG	-	-	3554386C2	-
B1	BN/WH	16	TN	3554090C1	N/A
B1	BN/WH	16	TN	3554090C1	N/A
B1	LTBL/WH	16	LT BL	3554090C1	N/A
B2	PLUG	-	-	3554386C1	-
B3	PLUG	-	-	3554386C2	-
C1	VT/WH	16	VT	3554090C1	N/A
C1	BK/WH	16	BK	3554090C1	N/A
C1	BK/WH	16	BK	3554090C1	N/A
C2	PLUG	-	-	3554386C1	-
C3	PLUG	-	-	3554386C2	-
D1	VT/WH	16	VT	3554090C1	N/A
D1	VT/WH	16	VT	3554090C1	N/A
D1	BK/WH	16	BK	3554090C1	N/A
D2	BN	16	BN	3554090C1	N/A
D2	BN	16	BN	3554090C1	N/A
D3	BL	16	BL	3554090C1	N/A
D3	BL	16	BL	3554090C1	N/A
E1	BN/WH	16	BN	3554090C1	N/A
E1	LT BL/WH	16	LT BL	3554090C1	N/A
E1	LT BL/WH	16	LT BL	3554090C1	N/A
E2	YL/WH	16	YL	3554090C1	N/A
E2	DK BL/WH	16	DK BL	3554090C1	N/A
E2	DK BL/WH	16	DK BL	3554090C1	N/A
E3	DKBL/WH	16	DK BL	3554090C1	N/A
E3	YL/WH	16	YL	3554090C1	N/A
E3	YL/WH	16	YL	3554090C1	N/A
F1	RD/WH	16	RD	3554090C1	N/A
F1	LT GN/WH	16	LT GN	3554090C1	N/A
F1	LT GN/WH	16	LT GN	3554090C1	N/A
F2	OR/WH	16	OR	3554090C1	N/A
F2	OR/WH	16	OR	3554090C1	N/A
F2	OR/WH	16	OR	3554090C1	N/A
F3	GY/WH	16	GY	3554090C1	N/A
F3	GY/WH	16	GY	3554090C1	N/A
F3	GY/WH	16	GY	3554090C1	N/A

LEFT REAR WHEEL SPEED SENSOR
(351)

CONNECTOR-3539777C1
CONNECTOR LOCK-0453133C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	GY/WH	16	GY	1651969C1	N/A
2	OR/WH	16	OR	1651969C1	N/A

RIGHT REAR WHEEL SPEED SENSOR
(352)

CONNECTOR-3539777C1
CONNECTOR LOCK-0453133C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	DKBL/WH	16	DK BL	1651969C1	N/A
2	YL/WH	16	YL	1651969C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 44

Figure 434 Connector Composites (350), (351), (352)

27.45. CONNECTOR COMPOSITES (353), (354), (357), P. 45

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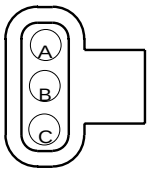
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

LEFT REAR MODULATOR VALVE (353)

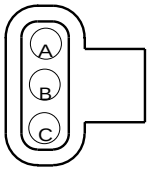


CONNECTOR 1686834C1

CONNECTOR 1664408C1 BODY LOCK

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	BK/WH	16	BK	2033819C1	1652325C1
B	RD/WH	16	RD	2033819C1	1652325C1
C	BN/WH	16	BN	2033819C1	1652325C1

RIGHT REAR MODULATOR VALVE (354)



CONNECTOR 1686834C1

CONNECTOR 1664408C1 BODY LOCK

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	VT/WH	16	VT	2033819C1	1652325C1
B	LTGN/WH	16	LT GN	2033819C1	1652325C1
C	LTBL/WH	16	LT BL	2033819C1	1652325C1

LEFT FRONT WHEEL SPEED SENSOR (357)

CONNECTOR 1684261C1

CONNECTOR 1684263C1 BODY LOCK

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	GY/WH	16	GY	1680205C1	N/A
2	OR/WH	16	OR	1680205C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 45

Figure 435 Connector Composites (353), (354), (357)

27.46. CONNECTOR COMPOSITES (358), (359), (360), P. 46

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

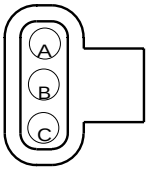
RIGHT FRONT WHEEL SPEED SENSOR (358)

CONNECTOR 1684261C1

CONNECTOR 1684263C1
BODY LOCK

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	DKBL/WH	16	DK BL	1680205C1	N/A
2	YL/WH	16	YL	1680205C1	N/A

LEFT FRONT MODULATOR VALVE (359)

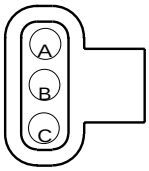


CONNECTOR 1686834C1

CONNECTOR 1664408C1
BODY LOCK

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	BK/WH	16	BK	2033819C1	1652325C1
B	RD/WH	16	RD	2033819C1	1652325C1
C	BN/WH	16	BN	2033819C1	1652325C1

RIGHT FRONT MODULATOR VALVE (360)



CONNECTOR 1686834C1

CONNECTOR 1664408C1
BODY LOCK

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	VT/WH	16	VT	2033819C1	1652325C1
B	LTGN/WH	16	LT GN	2033819C1	1652325C1
C	LTBL/WH	16	LT BL	2033819C1	1652325C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 46

Figure 436 Connector Composites (358), (359), (360)

27.47. CONNECTOR COMPOSITES (363F), (400F), (401F), (403F), (403M), P. 47

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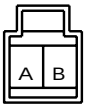
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

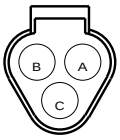
ABS WARN LGT
(363F)



CONNECTOR 0481140C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	94E	16	GY	0239807R1	N/A
B	94D	16	GY	0239807R1	N/A

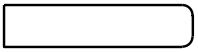
RIGHT HEADLIGHT
LOCATED ON CAB FLOOR-FRONT RIGHT
(400F)



CONNECTOR-1655703C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	52B	14	YL	2034788C1	N/A
B	53A	14	YL	2034788C1	N/A
C	11-GK	14	WH	2034788C1	N/A

RIGHT MARKER LIGHT
(401F)

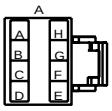


CONNECTOR-089000-CK

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	54A	14	BN	0418645C1	089000-CK

RIGHT DOOR HARNESS
LOCATED BEHIND INSTRUMENT
PANEL-RIGHT CORNER
(403)

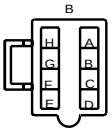
CAB HARNESS
(403M)



CONNECTOR-2005835C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	78B	16	LT GN	1661209C1	N/A
B	78E	18	LT GN	1661208C1	N/A
C	83CA	14	LT GN	3566715C1	N/A
D	83DA	14	LT GN	3566715C1	N/A
E	78F	18	LT GN	1661208C1	N/A
F	78L	18	LT GN	1661208C1	N/A
G	63V	16	DK BL	1661209C1	N/A
H	63H	16	DK BL	1661209C1	N/A

DOOR HARNESS
(403F)



CONNECTOR-2005836C1

CAVITY	CIRCUIT
A	78A
B	58B
C	83C
D	83D
E	78E
F	78F
G	63V
H	63H

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 05OCT05	PART NO. AF08-52482	SHEET 47

Figure 437 Connector Composites (363F), (400F), (401F), (403F), (403M)

27.48. CONNECTOR COMPOSITES (409M), (410M), (411M), P. 48

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

TRAILER LIGHTS SWITCH
LOCATED BEHIND SWITCH CLUSTER
(409M)

CONNECTOR-2009385C1

CAV	CIR	GAUGE	COL	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	58R	18	BN	1661224C1	N/A
3	58C	18	BN	1661224C1	N/A
4	-	-	-	-	-
5	58E	18	BN	1661224C1	N/A
6	58P	18	BN	1661224C1	N/A
7	62AR	16	DK BL	1661209C1	N/A
8	62-GAR	18	WH	1661208C1	N/A

HEADLIGHT SWITCH
LOCATED BEHIND SWITCH CLUSTER
(410M)

CONNECTOR-2009385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	58R	18	BN	3541250C1	N/A
2	50	18	YL	3541250C1	N/A
3	58E	18	BN	1661224C1	N/A
4					
5	50A	18	YL	1661224C1	N/A
6	50B	18	YL	1661224C1	N/A
7	62AS	16	DK BL	1661209C1	N/A
8	62-GAS	18	WH	1661208C1	N/A

ENGINE BRAKE SELECTOR SWITCH
LOCATED BEHIND SWITCH CLUSTER
(411M)

CONNECTOR-2009385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	24AD	18	GY	1661224C1	N/A
3	24AF	18	GY	1661224C1	N/A
4					
5					
6	24AE	18	GY	3541250C1	N/A
6	24AP	18	GY	3541250C1	N/A
7	62L	16	DK BL	1661209C1	N/A
8	62-GL	18	WH	1661208C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 48

Figure 438 Connector Composites (409M), (410M), (411M)

27.49. CONNECTOR COMPOSITES (412M), (413M), (414M), P. 49

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

ENGINE BRAKE
ON/OFF SWITCH
LOCATED BEHIND
SWITCH CLUSTER
(412M)

CONNECTOR-2009385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	24-G	18	WH	1661224C1	N/A
3	24AD	18	GY	1661224C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	62N	16	DK BL	1661209C1	N/A
8	62-GN	18	WH	1661208C1	N/A

POWER WINDOW RIGHT
SIDE SWITCH
LOCATED BEHIND
SWITCH CLUSTER
(413M)

CONNECTOR-2009385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83DA	14	LT GN	1661226C1	N/A
2	83J	12	LT GN	1661227C1	N/A
3					
4	83CA	14	LT GN	1661226C1	N/A
5	83-GA	12	WH	1661227C1	N/A
6					
7	62AJ	16	DK BL	1661209C1	N/A
8	62-GAJ	18	WH	1661208C1	N/A

FOG LIGHTS SWITCH
LOCATED BEHIND SWITCH CLUSTER
(414M)

CONNECTOR-2009385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	62-GAN	18	WH	3541250C1	N/A
1	64-G	18	WH	3541250C1	N/A
2					
3					
4					
5	64B	14	YL	1661226C1	N/A
6	64A	14	YL	1661226C1	N/A
7	62AN	16	DK BL	1661209C1	N/A
8	62-GAN	18	WH	1661208C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 49

Figure 439 Connector Composites (412M), (413M), (414M)

27.50. CONNECTOR COMPOSITES (415M), (416M), (417M), P. 50

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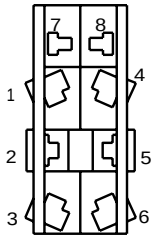
INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.

ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

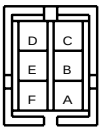
HEATED MIRRORS
(415M)



CONNECTOR 2009385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	62-GX	18	WH	3541250C1	N/A
1	78-G	18	WH	3541250C1	N/A
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	78	16	LT GN	1661226C1	N/A
6	78A	16	LT GN	1661227C1	N/A
6	78B	16	LT GN	1661227C1	N/A
7	62X	16	DK BL	1661209C1	N/A
8	62-GX	18	WH	1661208C1	N/A

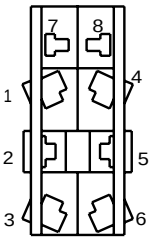
PANEL LIGHTS SWITCH
LOCATED BEHIND SWITCH CLUSTER
(416M)



CONNECTOR-1661200C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	62	16	DK BL	1661209C1	N/A
B	11-GS	16	WH	1661209C1	N/A
C	62A	16	DK BL	1661209C1	N/A
D	62W	16	DK BL	1661209C1	N/A
E	-	-	-	-	-
F	62-GW	18	WH	1661208C1	N/A

DRIVING LIGHT SWITCH
(417M)



CONNECTOR 2009385C1

CAV	CIR	GAUGE	COL	TERMINAL	SEAL/SLEEVE
1	62-GAP	18	WH	3541250C1	N/A
1	64-F	18	WH	3541250C1	N/A
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	64C	14	YL	1661226C1	N/A
6	64Y	14	YL	1661226C1	N/A
7	62AP	16	DK BL	1661209C1	N/A
8	62-GAP	18	WH	1661208C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 50

Figure 440 Connector Composites (415M), (416M), (417M)

27.51. CONNECTOR COMPOSITES (418M), (419M), P. 51

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

CRUISE SET/RESUME SWITCH
LOCATED BEHIND SWITCH CLUSTER
(418M

CONNECTOR-2009385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	97AA	18	VT	1661224C1	N/A
2	97-GB	18	VT	1661224C1	N/A
3	97AB	18	VT	1661224C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	62K	16	DK BL	1661209C1	N/A
8	62-GK	18	WH	1661208C1	N/A

CRUISE ON/OFF SWITCH
LOCATED BEHIND SWITCH CLUSTER
(419M)

CONNECTOR-2009385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	97-GC	18	VT	1661224C1	N/A
6	97AE	18	VT	1661224C1	N/A
7	62J	16	DK BL	1661209C1	N/A
8	62-GJ	18	WH	1661208C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 51

Figure 441 Connector Composites (418M), (419M)

27.52. CONNECTOR COMPOSITES (420M), (423F), (428M), P. 52

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

LEFT POWER WINDOW SWITCH
LOCATED BEHIND SWITCH CLUSTER
(420M)

CONNECTOR-2009385C1

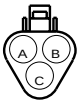
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83-G	12	WH	1661227C1	N/A
2	83A	12	LT GN	1661227C1	N/A
3	-	-	-	-	-
4	83E	12	LT GN	1661227C1	N/A
5	83B	12	LT GN	1661227C1	N/A
6	-	-	-	-	-
7	62AL	16	DK BL	1661209C1	N/A
8	62-GAL	18	WH	1661208C1	N/A

LEFT HEADLIGHT
LOCATED ON CAB FLOOR-FRONT LEFT
(423F)

HEADLIGHT HARNESS

CONNECTOR-1655703C1

CAB HARNESS



CONNECTOR-1655702C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	52C	14	YL	2034788C1	N/A
B	53B	14	YL	2034788C1	N/A
C	11-GL	14	WH	2034788C1	N/A

CIGAR GROUND
(428M)

CONNECTOR 0188395R1

CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
A	84-G	16	WH	0188396R1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 52

Figure 442 Connector Composites (420M), (423F), (428M)

27.53. CONNECTOR COMPOSITES (432M), P. 53

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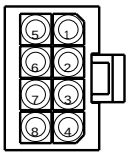
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

WINDSHIELD WASHER W/DELAY SWITCH
LOCATED BEHIND SWITCH CLUSTER
(432M)



CONNECTOR-3534177C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	12BC	16	LT BL	3534193C1	N/A
2	62AG	16	DK BL	3534193C1	N/A
3	82B	16	GY	3534193C1	N/A
4	82J	16	GY	3534193C1	N/A
5	87A	16	GY	3534193C1	N/A
6	82-GB	16	WH	3534193C1	N/A
7	-	-	-	-	-
8	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 53

Figure 443 Connector Composites (432M)

27.54. CONNECTOR COMPOSITES (434M), (437), (437M), P. 54

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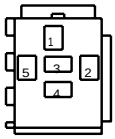
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

LOW AIR ALARM
LOCATED IN POWER
DISTRIBUTION CENTER
(434M)



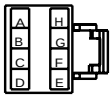
CONNECTOR-0593385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	40	18	GY	1659673C1	N/A
3	-	-	-	-	-
4	43C	16	GY	1661709C1	N/A
5	28C	18	TN	1659673C1	N/A

LEFT DOOR HARNESS
LOCATED BEHIND INSTRUMENT
PANEL-LEFT CORNER

CAB HARNESS
(437M)

A

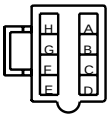


CONNECTOR-2005835C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	78A	16	LT GN	1661209C1	N/A
B	78K	18	LT GN	1661208C1	N/A
C	83C	14	LT GN	3566715C1	N/A
D	83D	14	LT GN	3566715C1	N/A
E	78J	18	LT GN	1661208C1	N/A
F	78H	18	LT GN	1661208C1	N/A
G	63C	16	DK BL	1661209C1	N/A

DOOR HARNESS
(437)

B



CONNECTOR-2005836C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	78A	18	GY	1661212C1	N/A
B	58B	18	YL	1661212C1	N/A
C	83C	14	LT GN	1661213C1	N/A
D	83D	14	LT GN	1661213C1	N/A
E	78E	18	LT GN	1661212C1	N/A
F	78F	18	LT GN	1661212C1	N/A
G	63V	18	DK BL	1661212C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 54

Figure 444 Connector Composites (434M), (437), (437M)

27.55. CONNECTOR COMPOSITES (439M), (440M), (441M), (442M), P. 55

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

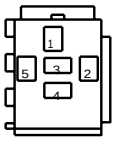
CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

DOME LIGHT SWITCH
LOCATED BEHIND
SWITCH CLUSTER
(439M)

CONNECTOR-2009385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	63J	16	DK BL	1661227C1	N/A
1	63K	16	DK BL	1661227C1	N/A
2	63AD	16	DK BL	1661227C1	N/A
2	63H	16	DK BL	1661227C1	N/A
3	62-GAP	18	WH	1661226C1	N/A
3	63-G	16	WH	1661226C1	N/A
4	-	-			-
5	-	-	-	-	-
6	-	-			-
7	62AP	16	DK BL	1661209C1	N/A
8	62-GAP	18	WH	1661208C1	N/A

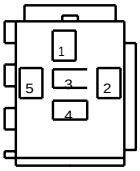
FOG LIGHT RELAY
LOCATED IN POWER
DISTRIBUTION CENTER
(440M)



CONNECTOR-0593385C1
CONNECTOR LOCK-0593387C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	64	14	YL	1661709C1	N/A
2	64-GA	18	WH	1659673C1	N/A
3	-	-	-	-	-
4	64D	14	YL	1661709C1	N/A
5	64A	14	YL	1661709C1	N/A

RELAY 20 BUNK
AUX BLOWER
(441M)

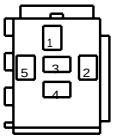


CONNECTOR 0593385C1

CONNECTOR 0593387C1
BODY LOCK

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	75AX	14	LT GN	1661709C1	N/A
2	13-GAT	18	WH	1659673C1	N/A
3	-	-	-	-	-
4	75L	16	LT GN	1661710C1	N/A
4	75AS	14	LT GN	1661710C1	N/A
5	13AT	14	PK	1661709C1	N/A

TURN SIGNAL ASSY DIMMER CONTROL
LOCATED IN POWER
DISTRIBUTION CENTER
(442M)



CONNECTOR-0593385C1
CONNECTOR LOCK-0593387C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	51A	16	GY	1661710C1	N/A
1	51B	16	GY	1661710C1	N/A
2	51C	16	GY	1661709C1	N/A
3	53	14	YL	1661709C1	N/A
4	52	16	YL	1661709C1	N/A
5	51B	16	GY	1661709C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 55

Figure 445 Connector Composites (439M), (440M), (441M), (442M)

27.56. CONNECTOR COMPOSITES (443M), (444M), (445M), (446M), P. 56

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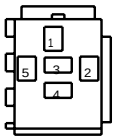
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

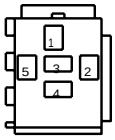
ELECT WINDOW LEFT
LOCATED IN POWER
DISTRIBUTION CENTER
(443M)



CONNECTOR-0593385C1
CONNECTOR LOCK-0593387C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83	12	LT GN	1661710C1	N/A
2	12-GW	18	WH	1659673C1	N/A
3					
4	83H	12	LT GN	1661710C1	N/A
5	12W	12	LT BL	1661710C1	N/A

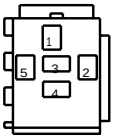
WINDSHIELD WIPER/WASHER - R13
LOCATED IN POWER
DISTRIBUTION CENTER
(444M)



CONNECTOR-0593385C1
CONNECTOR LOCK-0593387C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	82E	16	GY	1661709C1	N/A
2	82B	16	GY	1661709C1	N/A
3	82F	16	GY	1661709C1	N/A
4	82A	16	GY	1661709C1	N/A
5	12BA	16	LT BL	1661710C1	N/A
5	12BB	16	LT BL	1661710C1	N/A

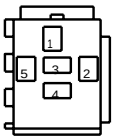
WINDSHIELD WIPER MOTOR - R14
LOCATED IN POWER
DISTRIBUTION CENTER
(445M)



CONNECTOR-0593385C1
CONNECTOR LOCK-0593387C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	82C	16	GY	1661710C1	N/A
1	82K	16	GY	1661710C1	N/A
2	82J	16	GY	1661709C1	N/A
3	82A	16	GY	1661709C1	N/A
4	82D	16	GY	1661709C1	N/A
5	12BB	16	LT BL	1661710C1	N/A
5	12BC	16	LT BL	1661710C1	N/A

ACCESSORY FEED RELAY
LOCATED IN POWER
DISTRIBUTION CENTER
(446M)



CONNECTOR-0593385C1
CONNECTOR LOCK-0593387C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	14BB	12	RD	1661710C1	N/A
2	77-GS	18	WH	1661709C1	N/A
2	12-GH	16	WH	1661709C1	N/A
3	-	-	-	-	-
4	12AF	12	LT BL	1661710C1	N/A
5	12AC	12	LT BL	1661710C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 56

Figure 446 Connector Composites (443M), (444M), (445M), (446M)

27.57. CONNECTOR COMPOSITES (447M), (449M), P. 57

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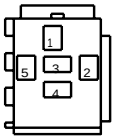
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

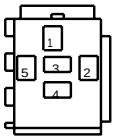
A/C CONTROL RELAY
LOCATED IN POWER
DISTRIBUTION CENTER
(447M)



CONNECTOR-0593385C1
CONNECTOR LOCK-0593387C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	77T	14	LT GN	1661709C1	N/A
2	77-GS	18	WH	1659673C1	N/A
3	-	-	-	-	-
4	77H	14	LT GN	1661709C1	N/A
5	77K	16	LT GN	1661709C1	N/A

RIGHT POWER WINDOW RELAY
LOCATED IN POWER DISTRIBUTION
(449M)



CONNECTOR-0593385C1
CONNECTOR LOCK-0593387C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83F	12	LT GN	1661710C1	N/A
2	12-GY	18	WH	1659673C1	N/A
3	-	-	-	-	-
4	83J	12	LT GN	1661710C1	N/A
5	12Y	12	LT BL	1661710C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 57

Figure 447 Connector Composites (447M), (449M)

27.58. CONNECTOR COMPOSITES (452), (452M), (454), P. 58

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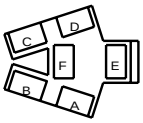
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

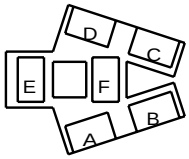
KEYSWITCH LOCATED
BEHIND KEY SWITCH
(452)



CONNECTOR-0293347C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	-	-	-	-	-
D	-	-	-	-	-
E	-	-	-	-	-
F	17	12	PK	1660577C1	N/A

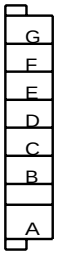
KEY SWITCH
(452M)



CONNECTOR 0293347C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	13	12	PK	1660577C1	N/A
B	13U	16	PK	0188396R1	N/A
C	12	12	LT BL	1660577C1	N/A
D	12M	12	LT BL	1660577C1	N/A
E	15	12	RD	1660577C1	N/A
F	17Z	12	PK	1660577C1	N/A
F	17	12	PK	1660577C1	N/A

ABC
(454)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	11-GA	12	WH	3566715C1	N/A
B	11-GX	16	WH	1661209C1	N/A
B	38-G	16	WH	1661209C1	N/A
C	11-GAT	14	WH	3566715C1	N/A
D	28-G	16	WH	1661209C1	N/A
E	-	-	-	-	-
F	23-G	16	WH	1661209C1	N/A
G	11-GAB	16	WH	1661209C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 58

Figure 448 Connector Composites (452), (452M), (454)

27.59. CONNECTOR COMPOSITES (454M), (455M), (456M), P. 59

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

G1-GROUND ADAPTER LOCATED BEHIND INSTRUMENT PANEL-RIGHT (454M)

CONNECTOR-2006789C1
CONNECTOR BODY LOCK-2006792C1

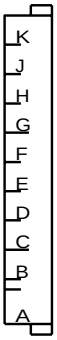
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	11-GA	12	WH	3566715C1	N/A
B	11-GX	16	WH	1661209C1	N/A
B	38-G	16	WH	1661209C1	N/A
C	11-GAT	14	WH	3566715C1	N/A
D	28-G	16	WH	1661209C1	N/A
E	-	-	-	-	-
F	23-G	16	WH	1661209C1	N/A
G	11-GAB	16	WH	1661209C1	N/A

G2-GROUND ADAPTER LOCATED BEHIND LEFT DUCT PANEL (455M)

CONNECTOR-2006789C1
CONNECTOR BODY LOCK-2006792C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	11-GY	12	WH	3566715C1	N/A
B	11-GPD	18	WH	1661208C1	N/A
C	-	-	-	-	-
D	11-GR	14	WH	3566715C1	N/A
E	11-GAW	16	WH	1661209C1	N/A
F	64-GC	18	WH	1661208C1	N/A
G	11-GAU	12	WH	3566715C1	N/A

G3 GROUND ADAPTER (456M)



CONNECTOR 2007315C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	-	-	-	-	-
D	-	-	-	-	-
E	94-G	16	WH	1661209C1	N/A
F	64-GF	18	WH	1661208C1	N/A
G	-	-	-	-	-
H	-	-	-	-	-
J	-	-	-	-	-
K	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 59

Figure 449 Connector Composites (454M), (455M), (456M)

27.60. CONNECTOR COMPOSITES (462M, F1 — F4 FUSEBLOCKS), P. 60

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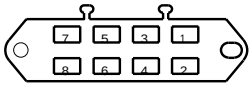
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

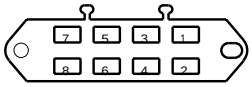
F1 FUSEBLOCK LOCATED IN POWER DISTRIBUTION CENTER (462M)



CONNECTOR-3543017C92

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
F1-1	75	10	LT GN	0557375C1	N/A
F1-2	14X	10	RD	0557375C1	N/A
F1-3	77T	14	LT GN	0557374C1	N/A
F1-4	14Z	10	RD	0557378C1	N/A
F1-5	75A	14	LT GN	0557374C1	N/A
F1-6	(14Z)	-	-	0557378C1	N/A
F1-7	65	18	OR	1666118C1	N/A
F1-8	14AN	12	RD	0557375C1	N/A

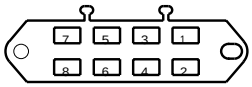
F2 FUSEBLOCK LOCATED IN POWER DISTRIBUTION CENTER (462M)



CONNECTOR-3543017C92

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
F2-1	63E	16	DK BL	0557375C1	N/A
F2-1	84	16	LT GN	0557375C1	N/A
F2-2	14T	12	RD	0557378C1	N/A
F2-3	63AC	16	DK BL	0557375C1	N/A
F2-3	63V	16	DK BL	0557375C1	N/A
F2-4	(14T)	-	-	0557378C1	N/A
F2-5	14S	12	RD	0557375C1	N/A
F2-6	14R	10	RD	0557375C1	N/A
F2-7	55	12	OR	0557375C1	N/A
F2-8	14J	12	RD	0557375C1	N/A

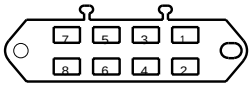
F3 FUSEBLOCK LOCATED IN POWER DISTRIBUTION CENTER (462M)



CONNECTOR-3543017C92

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
F3-1	58D	12	BN	0557375C1	N/A
F3-2	14E	10	RD	0557378C1	N/A
F3-3	70	12	OR	0557375C1	N/A
F3-4	(14E)	-	-	0557378C1	N/A
F3-5	68	10	BN	0557375C1	N/A
F3-6	14B	10	RD	0557378C1	N/A
F3-7	50	18	YL	1666118C1	N/A
F3-8	(14B)			0557378C1	N/A

F4 FUSEBLOCK LOCATED IN POWER DISTRIBUTION CENTER (462M)



CONNECTOR-3543019C92

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
F4-1	13D	14	PK	0557374C1	N/A
F4-2	13B	12	PK	0557375C1	N/A
F4-3	14BB	12	RD	0557375C1	N/A
F4-4	14AJ	12	RD	0557375C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 60

Figure 450 Connector Composites (462M)

27.61. CONNECTOR COMPOSITES (462M, F5 FUSEBLOCK), P. 61

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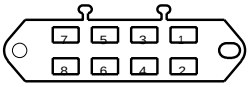
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

F5 FUSEBLOCK LOCATED
IN POWER DISTRIBUTION CENTER
(462M)



CONNECTOR-3543017C92

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
F5-1	12L	12	LT BL	0557375C1	N/A
F5-2	78	16	LT GN	0557374C1	N/A
F5-3	86	16	LT GN	0557375C1	N/A
F5-3	86CE	16	LT GN	0557375C1	N/A
F5-4	12M	12	LT BL	0557375C1	N/A
F5-5	85	16	GY	0557375C1	N/A
F5-5	88B	16	LT GN	0557375C1	N/A
F5-6	14AM	12	RD	0557375C1	N/A
F5-7	86J	14	LT GN	0557374C1	N/A
F5-8	14AA	12	RD	0557375C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 61

Figure 451 Connector Composites (462M)

27.62. CONNECTOR COMPOSITES (462M, RELAYS), P. 62

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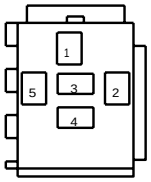
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

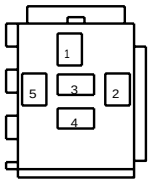
IGNITION RELAY - R1 LOCATED
IN POWER DISTRIBUTION CENTER
(462M)



CONNECTOR-3543017C92
CONNECTOR
BODY LOCK-0593387C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
R1-1	14S	12	RD	1661710C1	N/A
R1-2	11-GN	18	WH	1661709C1	N/A
R1-2	75-GB	18	WH	1661709C1	N/A
R1-4	13H	12	PK	1661710C1	N/A
R1-5	13A	12	PK	1661710C1	N/A

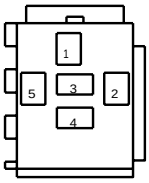
HIGH SPEED FAN RELAY - R2 LOCATED
IN POWER DISTRIBUTION CENTER
(462M)



CONNECTOR-3543017C92
CONNECTOR
BODY LOCK-0593387C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
R2-1	75F	10	LT GN	1661710C1	N/A
R2-2	75-GB	18	WH	1661709C1	N/A
R2-2	75-GC	18	WH	1661709C1	N/A
R2-3	75T	14	LT GN	1661709C1	N/A
R2-4	75	10	LT GN	1661710C1	N/A
R2-5	75H	14	LT GN	1661709C1	N/A

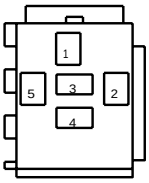
MED SPEED FAN RELAY - R3 LOCATED
IN POWER DISTRIBUTION CENTER
(462M)



CONNECTOR-3543017C92
CONNECTOR
BODY LOCK-0593387C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
R3-1	75D	14	LT GN	1661709C1	N/A
R3-2	75-GC	18	WH	1661709C1	N/A
R3-2	50-GB	18	WH	1661709C1	N/A
R3-4	75M	14	LT GN	1661709C1	N/A
R3-5	75N	14	LT GN	1661709C1	N/A

HEADLIGHT RELAY - R4 LOCATED
IN POWER DISTRIBUTION CENTER
W/OPT IDLE 77-G REPLACES 13-GT
(462M)



CONNECTOR-3543017C92
CONNECTOR
BODY LOCK-0593387C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
R4-1	51	14	YL	1661709C1	N/A
R4-2	13-GT	18	WH	1661709C1	N/A
R4-2	50-GB	18	WH	1661709C1	N/A
R4-4	51A	14	YL	1661709C1	N/A
R4-5	50B	18	YL	1659673C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 62

Figure 452 Connector Composites (462M)

27.63. CONNECTOR COMPOSITES (463M, F6 — F8 FUSEBLOCKS), P. 63

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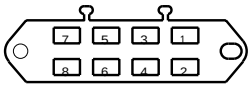
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

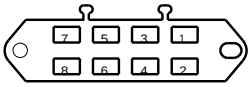
F6 FUSEBLOCK LOCATED
IN POWER DISTRIBUTION CENTER
(463M)



CONNECTOR-2040019C91

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
F6-1	97DL	14	VT	0557374C1	N/A
F6-2	14AL	12	RD	0557378C1	N/A
F6-3	87B	16	GY	0557375C1	N/A
F6-3	82K	16	GY	0557375C1	N/A
F6-4	(14AL)			0557378C1	N/A
F6-5	50A	18	YL	1666118C1	N/A
F6-6	14D	10	RD	0557378C1	N/A
F6-7	51	14	YL	0557374C1	N/A
F6-8	(14D)			0557378C1	N/A

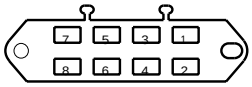
F7 FUSEBLOCK LOCATED
IN POWER DISTRIBUTION CENTER
(463M)



CONNECTOR-2040019C91

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
F7-1	15	12	RD	0557375C1	N/A
F7-2	14C	12	RD	0557375C1	N/A
F7-3	56	12	OR	0557375C1	N/A
F7-4	14L	10	RD	0557378C1	N/A
F7-5	57	12	OR	0557375C1	N/A
F7-6	(14L)			0557378C1	N/A
F7-7	70E	10	OR	0557375C1	N/A
F7-8	14F	10	RD	0557375C1	N/A

F8 FUSEBLOCK LOCATED
IN POWER DISTRIBUTION CENTER
(463M)



CONNECTOR-2040019C91

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
F8-2	14BC	10	RD	0557378C1	N/A
F8-3	94	10	GY	0557375C1	N/A
F8-4	(14BC)			0557378C1	N/A
F8-5	68C	16	BN	0557374C1	N/A
F8-6	68B	10	BN	0557375C1	N/A
F8-7	14AE	12	RD	0557375C1	N/A
F8-8	14AP	12	RD	0557375C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 63

Figure 453 Connector Composites (463M)

27.64. CONNECTOR COMPOSITES (463M, RELAYS), P. 64

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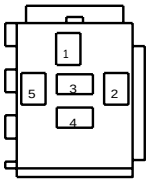
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

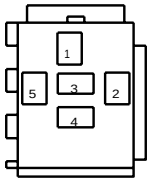
HEATER CONTROL RELAY - R5 LOCATED
IN POWER DISTRIBUTION CENTER
(463M)



CONNECTOR-3543017C92
CONNECTOR
BODY LOCK-0593387C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
R5-1	75A	14	LT GN	1661709C1	N/A
R5-2	13-GT	18	WH	1661709C1	N/A
R5-2	77-G	18	WH	1661709C1	N/A
R5-3	-	-	-	-	-
R5-4	75B	14	LT GN	1661710C1	N/A
R5-4	75D	14	LT GN	1661710C1	N/A
R5-5	13T	12	PK	1661710C1	N/A

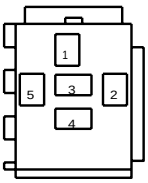
AIR CONDITIONING RELAY - R6 LOCATED
IN POWER DISTRIBUTION CENTER
(463M)



CONNECTOR-3543017C92
CONNECTOR
BODY LOCK-0593387C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
R6-1	77F	14	LT GN	1661709C1	N/A
R6-2	77-G	18	WH	1659673C1	N/A
R6-3	77A	12	LT GN	1661710C1	N/A
R6-4	-	-	-	-	-
R6-5	77R	18	LT GN	1659673C1	N/A

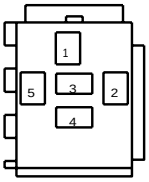
HORN RELAY - R7 LOCATED
IN POWER DISTRIBUTION CENTER
(463M)



CONNECTOR-3543017C92
CONNECTOR
BODY LOCK-0593387C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
R7-1	85	16	GY	1661710C1	N/A
R7-1	85A	16	GY	1661710C1	N/A
R7-2	85-GC	16	GY	1661710C1	N/A
R7-2	85C	16	GY	1661710C1	N/A
R7-3	-	-	-	-	-
R7-4	85B	16	GY	1661709C1	N/A
R7-5	85A	16	GY	1661709C1	N/A

TRAILER MARKER RELAY - R8 LOCATED
IN POWER DISTRIBUTION CENTER
(463M)



CONNECTOR-3543017C92
CONNECTOR
BODYLOCK-0593387C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
R8-1	58D	12	BN	1661710C1	N/A
R8-2	58-GA	18	WH	1659673C1	N/A
R8-3	-	-	-	-	-
R8-4	58A	12	BN	1661710C1	N/A
R8-5	58C	18	BN	1659673C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 64

Figure 454 Connector Composites (463M)

27.65. CONNECTOR COMPOSITES (464M, F10 FUSEBLOCK), P. 65

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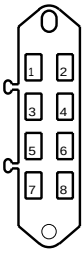
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

F10 FUSEBLOCK
(464M)

(LOCATED IN POWER
DISTRIBUTION CENTER)



CONNECTOR-2040019C91

CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
F10-1	25	16	GY	0557374C1	N/A
F10-1	72A	12	OR	0557375C1	N/A
F10-1	75AW	10	LT GN	0557375C1	N/A
F10-1	13U	16	PK	0557374C1	N/A
F10-1	94AG	10	GY	0557375C1	N/A
F10-1	72A	12	OR	0557375C1	N/A
F10-1	64X	14	YL	0557374C1	N/A
F10-1	12K	18	LT BL	1666118C1	N/A
F10-1	94F	16	GY	0557374C1	N/A
F10-1	12F	12	LT BL	0557375C1	N/A
F10-2	12BL	12	LT BL	0557375C1	N/A
F10-2	13W	12	PK	0557378C1	N/A
F10-2	14AU	10	RD	0557378C1	N/A
F10-2	92U	16	TN	0557374C1	N/A
F10-2	12BA	16	LT BL	0557374C1	N/A
F10-2	94AH	10	GY	0557375C1	N/A
F10-2	13AB	14	PK	0557374C1	N/A
F10-2	12R	12	LT BL	0557375C1	N/A
F10-2	78D	18	LT GN	1666118C1	N/A
F10-2	92U	16	TN	0557374C1	N/A
F10-3	13PB	18	PK	1666118C1	N/A
F10-3	75AX	14	LT GN	0557374C1	N/A
F10-3	94D	16	GY	0557374C1	N/A
F10-4	(13W)	-	-	0557378C1	N/A
F10-4	(14AU)	-	-	0557378C1	N/A
F10-5	86U	14	LT GN	0557374C1	N/A
F10-5	75AW	10	LT GN	0557375C1	N/A
F10-5	83F	12	LT GN	0557375C1	N/A
F10-6	14AX	10	RD	0557375C1	N/A
F10-6	14AU	10	RD	0557378C1	N/A
F10-6	14AV	12	RD	0557375C1	N/A
F10-7	75AX	14	LT GN	0557374C1	N/A
F10-7	83	12	LT GN	0557375C1	N/A
F10-8	(14AU)	-	-	0557378C1	N/A
F10-8	14BD	12	RD	0557375C1	N/A

NOTE:
FUSE LOCATIONS VARY, CHECK INSIDE POWER
DISTRIBUTION CENTER FOR ACTUAL LOCATION

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 65

Figure 455 Connector Composites (464M)

27.66. CONNECTOR COMPOSITES (464M, F11 FUSEBLOCK), P. 66

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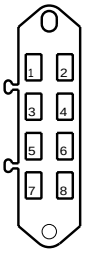
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

F11 FUSEBLOCK
(464M)

LOCATED IN POWER
DISTRIBUTION CENTER



CONNECTOR-2040019C91

CAV	CIR	GAUGE	COL	TERM	SEAL/SLEEVE
F11-1	86U	14	LT GN	0557374C1	N/A
F11-1	64	14	YL	0557374C1	N/A
F11-2	12P	12	LT BL	0557375C1	N/A
F11-2	14AX	10	RD	0557375C1	N/A
F11-3	28E	16	TN	0557374C1	N/A
F11-4	28F	16	TN	0557374C1	N/A
F11-5	28H	16	TN	0557374C1	N/A
F11-6	28J	16	TN	0557374C1	N/A
F11-7	64X	14	YL	0557374C1	N/A
F11-8	12R	12	LT BL	0557375C1	N/A

NOTE:
1. FUSE LOCATIONS VARY, CHECK INSIDE POWER DISTRIBUTION CENTER FOR ACTUAL LOCATION

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 66

Figure 456 Connector Composites (464M)

27.67. CONNECTOR COMPOSITES (464M, RELAYS), P. 67

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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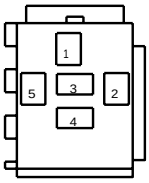
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

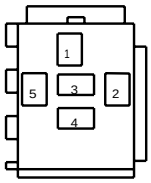
TRAILER TAIL RELAY - R9 LOCATED IN POWER DISTRIBUTION CENTER (464M)



CONNECTOR - 3543017C92
CONNECTOR
BODY LOCK-0593387C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
R9-1	68	10	BN	1661710C1	N/A
R9-2	58-G	18	WH	1661709C1	N/A
R9-2	58-GA	18	WH	1661709C1	N/A
R9-3	-	-	-	-	-
R9-4	68E	10	BN	1661710C1	N/A
R9-5	58P	18	BN	1659673C1	N/A

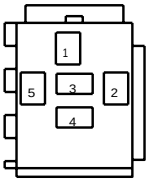
TRLR STOP LT RELAY - R10 LOCATED IN POWER DISTRIBUTION CENTER (464M)



CONNECTOR - 3543017C92
CONNECTOR
BODY LOCK-0593387C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
R10-1	70E	10	OR	1661710C1	N/A
R10-2	58-G	18	WH	1661709C1	N/A
R10-2	70-G	18	WH	1661709C1	N/A
R10-3	-	-	-	-	-
R10-4	70A	14	OR	1661710C1	N/A
R10-4	70C	12	OR	1661710C1	N/A
R10-5	70B	14	OR	1661709C1	N/A

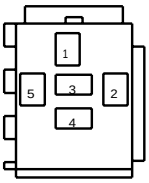
LEFT TURN RELAY - R11 LOCATED IN POWER DISTRIBUTION CENTER (464M)



CONNECTOR - 3543017C92
CONNECTOR
BODYLOCK-0593387C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
R11-1	56	12	OR	1661710C1	N/A
R11-2	56-G	18	WH	1661709C1	N/A
R11-2	70-G	18	WH	1661709C1	N/A
R11-3	-	-	-	-	-
R11-4	56D	12	OR	1661710C1	N/A
R11-4	56F	16	OR	1661710C1	N/A
R11-5	56A	14	OR	1661709C1	N/A

RIGHT TURN RELAY - R12 LOCATED IN POWER DISTRIBUTION CENTER (464M)



CONNECTOR-3543017C92
CONNECTOR
BODY LOCK-0593387C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
R12-1	57	12	OR	1661710C1	N/A
R12-2	11-GZ	18	WH	1661709C1	N/A
R12-2	56-G	18	WH	1661709C1	N/A
R12-3	-	-	-	-	-
R12-4	57D	12	OR	1661710C1	N/A
R12-4	57F	16	OR	1661710C1	N/A
R12-5	57A	14	OR	1661709C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 67

Figure 457 Connector Composites (464M)

27.68. CONNECTOR COMPOSITES (476M), (477M), (480M), P. 68

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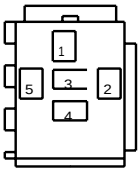
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

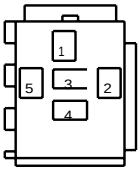
RELAY 23 ABS WARN LGT (476M)



CONNECTOR 0593385C1
CONNECTOR 0593387C1
BODY LOCK

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
1	94E	16	GY	1661709C1	N/A
2	94H	16	GY	1661709C1	N/A
3	94-G	16	WH	1661710C1	N/A
3	94-GA	16	WH	1661710C1	N/A
4	-	-	-	-	-
5	94B	16	GY	1661709C1	N/A

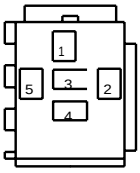
RELAY 24 ABS IGNITION (477M)



CONNECTOR 0593385C1
CONNECTOR 0593387C1
BODY LOCK

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
1	94	10	GY	1661710C1	N/A
2	94-GA	16	WH	1661709C1	N/A
3	-	-	-	-	-
4	94K	10	GY	1661710C1	N/A
5	94B	16	GY	1661710C1	N/A
5	94F	16	GY	1661710C1	N/A

RELAY 27 BUNK BLOWER MED SPEED (480M)



CONNECTOR 0593385C1
CONNECTOR 0593387C1
BODY LOCK

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
1	75AB	10	LT GN	1661710C1	N/A
2	75-GN	18	WH	1661709C1	N/A
2	75-GH	18	WH	1661709C1	N/A
3	-	-	-	-	-
4	75AM	10	LT GN	1661710C1	N/A
5	75AN	16	LT GN	1661709C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 68

Figure 458 Connector Composites (476M), (477M), (480M)

27.69. CONNECTOR COMPOSITES (481M), (483M), (484M), P. 69

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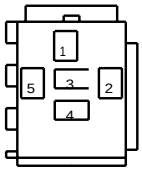
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

RELAY 28 BUNK
BLOWER HIGH SPEED
(481M)

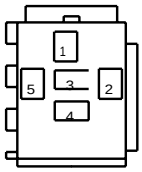


CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	75AF	10	LT GN	1661710C1	N/A
2	75-GH	18	WH	1661709C1	N/A
2	13-GAT	18	WH	1661709C1	N/A
3	75AT	14	LT GN	1661709C1	N/A
4	75AD	10	LT GN	1661710C1	N/A
5	75AH	16	LT GN	1661709C1	N/A

CONNECTOR 0593385C1

CONNECTOR 0593387C1
BODY LOCK

TRAILER ABS RELAY
(483M)

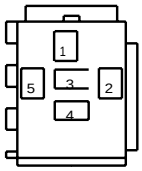


CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	94AG	10	GY	1661710C1	N/A
2	94AJ	16	GY	1661709C1	N/A
3					
4	94AF	10	GY	1661710C1	N/A
5	94-GD	16	WH	1661709C1	N/A

CONNECTOR 0593385C1

CONNECTOR 0593387C1
BODY LOCK

RELAY 31
DRIVING LIGHTS
(484M)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	64X	14	YL	1661709C1	N/A
2	64-GD	18	WH	1659673C1	N/A
3	-	-	-	-	-
4	64Z	14	YL	1661709C1	N/A
5	64Y	14	YL	1661709C1	N/A

CONNECTOR 0593385C1

CONNECTOR 0593387C1
BODY LOCK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 69

Figure 459 Connector Composites (481M), (483M), (484M)

27.70. CONNECTOR COMPOSITES (), P. 70

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 70

Figure 460 Connector Composite ()

27.71. CONNECTOR COMPOSITES (494M), (495M), P. 71

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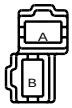
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

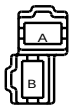
FRESH AIR PANEL LIGHT LOCATED BEHIND HEATER CONTROLS (494M)



CONNECTOR-2010877C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	62AU	16	DK BL	2010349C1	N/A
B	62-GAU	18	WH	2010349C1	N/A

KEY SWITCH PANEL LIGHT LOCATED BEHIND SWITCH CLUSTER-ABOVE KEY SWITCH (495M)



CONNECTOR-2010877C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	62AT	16	DK BL	2010349C1	N/A
B	62-GAT	18	WH	2010349C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 71

Figure 461 Connector Composites (494M), (495M)

27.72. CONNECTOR COMPOSITES (496M), P. 72

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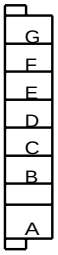
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

(496M)



CONNECTOR 2006789C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	13P	12	PK	3566715C1	N/A
B	-	-	-	-	-
C	-	-	-	-	-
D	-	-	-	-	-
E	-	-	-	-	-
F	-	-	-	-	-
G	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO.	DATE	PART NO.	SHEET
					59381N	04OCT05	AE08-52482	72

Figure 462 Connector Composites (496M)

27.73. CONNECTOR COMPOSITES (498M), (501M), (504M), (505M), P. 73

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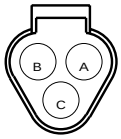
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

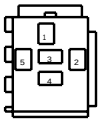
RIGHT & LEFT HEADLIGHT CONNECTOR
LOCATED ON CAB FLOOR-FRONT
(498M)



CONNECTOR-1655702C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	52C	14	YL	2034787C1	N/A
B	53B	14	YL	2034787C1	N/A
C	11-GL	14	WH	2034787C1	N/A

FLASHER-DUALTEC LOCATED
IN POWER DISTRIBUTION CENTER
(501M)



CONNECTOR-0593385C1
CONNECTOR
BODY LOCK-0593387C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	55A	12	OR	2022374C1	N/A
5	55	12	OR	2022374C1	N/A

L1-PANEL LIGHTS FEED ADAPTER
LOCATED BEHIND SWITCH CLUSTER
(504M)

CONNECTOR-2007315C1
CONNECTOR BODY LOCK-2007316C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	62AE	16	DK BL	1661209C1	N/A
B	62BW	16	DK BL	1661209C1	N/A
C	62EA	18	DK BL	1661208C1	N/A
C	62X	16	DK BL	1661209C1	N/A
D	62BB	16	DK BL	1661209C1	N/A
E	-	-	-	-	-
F	62BB	16	DK BL	1661209C1	N/A
G	-	-	-	-	-
H	-	-	-	-	-
J	-	-	-	-	-
K	62BS	16	DK BL	1661209C1	N/A

L3-PANEL LIGHTS GROUND ADAPTER
LOCATED BEHIND SWITCH CLUSTER
(505M)

CONNECTOR-2006789C1C1
CONNECTOR BODY LOCK-2006792C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	11-GP	18	WH	1661208C1	N/A
B	11-GLC	16	WH	1661209C1	N/A
C	11-GLB	16	WH	1661209C1	N/A
D	52-G	18	WH	1661208C1	N/A
E	11-GJ	18	WH	1661208C1	N/A
F	-	-	-	-	-
G	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 73

Figure 463 Connector Composites (498M), (501M), (504M), (505M)

27.74. CONNECTOR COMPOSITES (506M), (507M), P. 74

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

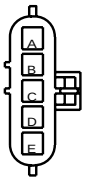
CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

PASSENGER WINDOW SWITCH
LOCATED BEHIND KICK PANEL-LEFT
(506M)

CONNECTOR-2009385C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	83A	12	LT GN	1661227C1	N/A
2	83C	14	LT GN	1661226C1	N/A
3	83E	12	LT GN	1661228C1	N/A
3	83H	12	LT GN	1661228C1	N/A
4	-	-	-	-	-
5	83D	14	LT GN	1661226C1	N/A
6	83B	12	LT GN	1661227C1	N/A
7	62AM	16	DK BL	1661209C1	N/A
8	62-GAM	18	WH	1661208C1	N/A

WIPER MOTOR LOCATED
BEHIND SWITCH PANEL
(507M)



CONNECTOR-1677851C1
CONNECTOR LOCK-1677851C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	82C	16	GY	2033911C1	1652325C1
B	82-GD	16	WH	2033911C1	1652325C1
C	82F	16	GY	2033911C1	1652325C1
D	82E	16	GY	2033911C1	1652325C1
E	82D	16	GY	2033911C1	1652325C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 74

Figure 464 Connector Composites (506M), (507M)

27.75. CONNECTOR COMPOSITES (508M), (509M), P. 75

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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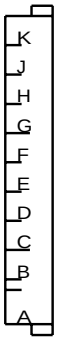
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

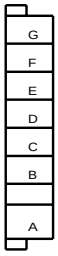
L5 PNL LTS ADAPTER
(508M)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	62AK	16	DK BL	1661209C1	N/A
B	62Y	16	DK BL	1661209C1	N/A
B	62Y	16	DK BL	1661209C1	N/A
C	-	-	-	-	-
D	-	-	-	-	-
E	-	-	-	-	-
F	92P	16	LT BL	1661209C1	N/A
G	-	-	-	-	-
H	-	-	-	-	-
J	-	-	-	-	-
K	-	-	-	-	-

CONNECTOR 2007315C1

START FEED ADAPTER LOCATED
BEHIND SWITCH CLUSTER
(509M)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	17A	12	PK	3566715C1	N/A
B	17X	12	PK	3566715C1	N/A
B	17	12	PK	3566715C1	N/A
C	-	-	-	-	-
D	-	-	-	-	-
E	17	12	PK	1661211C1	N/A
F	-	-	-	-	-
G	-	-	-	-	-

CONNECTOR-2006789C1
CONNECTOR BODY LOCK-2006792C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 75

Figure 465 Connector Composites (508M), (509M)

27.76. CONNECTOR COMPOSITES (514M), (515M), (516M), P. 76

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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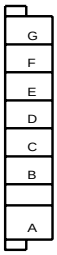
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

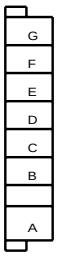
D1-DATA LINK - POSITIVE LOCATED BEHIND RIGHT GAUGE CLUSTER (514M)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	98A(+)	14	BK	3566715C1	N/A
B	98(+)	18	BK	1661208C1	N/A
C	47/48(+)	18	GY	1661208C1	N/A
D	98J(+)	16	GY	1661209C1	N/A
D	98S(+)	16	BK	1661209C1	N/A
E	98U(+)	16	BK	1661209C1	N/A
E	T1 98U(+)	18	BK	1661208C1	N/A
E	98E(+)	18	BK	1661208C1	N/A
F	-	-	-	-	-
G	-	-	-	-	-

CONNECTOR-2006789C1
CONNECTOR BODY LOCK-2006792C1
CONNECTOR COVER-2006790C1

D2-DATA LINK - NEGATIVE LOCATED BEHIND RIGHT GAUGE CLUSTER (515M)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	98C(-)	14	BK	3566715C1	N/A
B	98B(-)	18	BK	1661208C1	N/A
C	47/48(-)	18	GY	1661208C1	N/A
D	98K(-)	16	GY	1661209C1	N/A
D	98T(-)	16	BK	1661209C1	N/A
E	98V(-)	16	BK	1661209C1	N/A
E	T1 98V(-)	18	BK	1661208C1	N/A
E	98D(-)	18	BK	1661208C1	N/A
F	-	-	-	-	-
G	-	-	-	-	-

CONNECTOR-2006789C1
CONNECTOR BODY LOCK-2006792C1
CONNECTOR COVER-2006790C1

A1 ACCESSORY ADAPTER LOCATED BEHIND POWER DISTRIBUTION CENTER (516M)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	12AH	12	LT BL	3566715C1	N/A
B	12Y	12	LT BL	3566715C1	N/A
C	12W	12	LT BL	3566715C1	N/A
D	12P	12	LT BL	3566715C1	N/A
E	12R	12	LT BL	3566715C1	N/A
F	12BL	12	LT BL	1661211C1	N/A
F	12BL	12	LT BL	3566715C1	N/A
G	-	-	-	-	-

CONNECTOR-2006789C1
CONNECTOR BODY LOCK-2006792C1
CONNECTOR COVER-2006790C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 76

Figure 466 Connector Composites (514M), (515M), (516M)

27.77. CONNECTOR COMPOSITES (517M), (518M), P. 77

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

B1 BATTERY ADAPTER LOCATED BEHIND POWER DISTRIBUTION CENTER (517M)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	14AH	10	RD	1661211C1	N/A
B	14BD	12	RD	3566715C1	N/A
C	14AV	12	RD	3566715C1	N/A
D	28H	16	TN	1661209C1	N/A
E	14C	16	RD	1661209C1	N/A
F	-	-	-	-	-
G	-	-	-	-	-

CONNECTOR-2006789C1
CONNECTOR BODY LOCK-2006792C1
CONNECTOR COVER-2006790C1

I1-IGNITION ADAPTER LOCATED BEHIND POWER DISTRIBUTION CENTER (518M)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	13D	14	PK	3566715C1	N/A
B	28A	18	TN	1661208C1	N/A
C	28B	18	TN	1661208C1	N/A
D	28C	18	TN	1661208C1	N/A
E	27	18	TN	1661208C1	N/A
F	28E	16	TN	1661209C1	N/A
G	70L	16	OR	1661209C1	N/A
G	13W	12	PK	1661211C1	N/A
H	94AJ	16	GY	1661209C1	N/A
H	13PA	18	PK	1661208C1	N/A
H	13AB	14	PK	1661209C1	N/A
H	13AT	14	PK	1661209C1	N/A
J	-	-	-	-	-
K	-	-	-	-	-

CONNECTOR - 2007315C1
CONNECTOR BODY LOCK-2006792C1
CONNECTOR COVER-2006790C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 77

Figure 467 Connector Composites (517M), (518M)

27.78. CONNECTOR COMPOSITES (529M), (533M), (535F), P. 78

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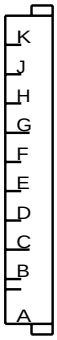
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

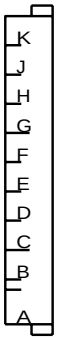
B2 BATTERY ADAPTER (529M)



CONNECTOR 2007315C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	14AK	10	RD	1661211C1	N/A
B	-	-	-	-	-
C	-	-	-	-	-
D	-	-	-	-	-
E	-	-	-	-	-
F	-	-	-	-	-
G	-	-	-	-	-
H	-	-	-	-	-
J	-	-	-	-	-
K	-	-	-	-	-

GROUND ADAPTER (533M)



CONNECTOR 2007315C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	-	-	-	-	-
D	-	-	-	-	-
E	-	-	-	-	-
F	-	-	-	-	-
G	-	-	-	-	-
H	-	-	-	-	-
J	-	-	-	-	-
K	94-GD	16	WH	1661209C1	N/A

(535F)

CONNECTOR 1661197C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	63F	16	DK BL	1661212C1	N/A
B	77M	18	LT GN	1661212C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS	
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482 SHEET 78

Figure 468 Connector Composites (529M), (533M), (535F)

27.79. CONNECTOR COMPOSITES (535), P. 79

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

LUGGAGE LIGHT
(535)

CONNECTOR 1661196C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	63F	16	DK BL	1661209C1	N/A
B	77M	18	LT GN	1661208C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 79

Figure 469 Connector Composites (535)

27.80. CONNECTOR COMPOSITES (544), (546), P. 80

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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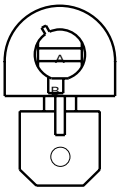
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

LUGGAGE COMPARTMENT LIGHT LOCATED IN LEFT & RIGHT LUGGAGE COMPARTMENT (544)



SOCKET-0500276C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	63F	18	DK BL	0486461C1	N/A
B	BLACK	18	BK	0161997R1	N/A

LEFT/RIGHT SWITCH CONN LOCATED IN BOTH LUGGAGE AREAS BY SWITCH (546)

ROOF HARNESS

CONNECTOR-1661259C1
BODYLOCK-1661263C1

SWITCH PIGTAIL

CONNECTOR-1661260C1
BODYLOCK-1661264C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	BLACK	18	BK	1661261C1	N/A
B	WHITE	18	WH	1661261C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 80

Figure 470 Connector Composites (544), (546)

27.81. CONNECTOR COMPOSITES (548M), (551), (552), P. 81

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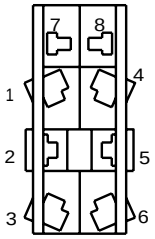
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

TRAILER AUX SWITCH
(548M)



CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
1	62-GBL	18	WH	3541250C1	N/A
1	72-G	18	WH	3541250C1	N/A
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	72A	12	OR	1661227C1	N/A
6	72	12	OR	1661227C1	N/A
7	62BL	16	DK BL	1661209C1	N/A
8	62-GBL	18	WH	1661208C1	N/A

CONNECTOR 2009385C1

A/C SWITCH
(551)

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	77L	18	LT GN	1661262C1	N/A
B	77M	18	LT GN	1661262C1	N/A
C	77-GL	18	WH	1661262C1	N/A

CONNECTOR 1661891C1

CONNECTOR 1661892C1
BODY LOCK

TEMP SWITCH
(552)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	75AL	18	LT GN	1661261C1	N/A
B	75K	18	LT GN	1661261C1	N/A
C	75-GS	18	WH	1661261C1	N/A

SOCKET-1661889C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 81

Figure 471 Connector Composites (548M), (551), (552)

27.82. CONNECTOR COMPOSITES (557), (557F), P. 82

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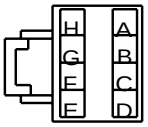
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

BUNK/ROOF 1
(557)

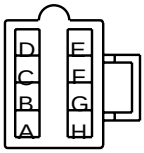


CONNECTOR 2005835C1

CONNECTOR 2006503C1
BODY LOCK

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	86CA	18	LT GN	1661208C1	N/A
B	86CC	18	LT GN	1661208C1	N/A
C	63-GA	16	DK BL	1661209C1	N/A
D	63-GB	16	DK BL	1661209C1	N/A
E	63-GC	16	DK BL	1661209C1	N/A
F	63-GD	16	DK BL	1661209C1	N/A
G	86UA	14	LT GN	1661209C1	N/A
H	11-GAH	14	WH	1661209C1	N/A

BUNK ROOF # 2
(557F)



CONNECTOR 2005836C1

CONNECTOR 2006504C1
BODY LOCK

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	86CA	18	LT GN	1661212C1	N/A
B	86CC	18	LT GN	1661212C1	N/A
C	63-GA	16	DK BL	1661213C1	N/A
D	63-GB	16	DK BL	1661213C1	N/A
E	63-GC	16	DK BL	1661213C1	N/A
F	63-GD	16	DK BL	1661213C1	N/A
G	86UA	14	LT GN	1661213C1	N/A
H	11-GAH	14	WH	1661213C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 82

Figure 472 Connector Composites (557), (557F)

27.83. CONNECTOR COMPOSITES (558), (558M), (559), P. 83

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

ABC
(558)

CONNECTOR-

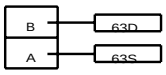
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	86F	18	LT GN	1661262C1	N/A
B	86H	18	LT GN	1661262C1	N/A
C	86R	18	LT GN	1661262C1	N/A
D	86S	18	LT GN	1661262C1	N/A

BUNK ROOF #1
(558M)

CONNECTOR-1667305C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	86F	18	LT GN	1661261C1	N/A
B	86H	18	LT GN	1661261C1	N/A
C	86R	18	LT GN	1661261C1	N/A
D	86S	18	LT GN	1661261C1	N/A

DOME LIGHT CONNECTOR LOCATED
IN HEADER ABOVE WINDSHIELD-CENTER
(559)



CONNECTOR-1661260C1

CONNECTOR-1661259C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	63S	18	DK BL	1661262C1	N/A
B	63D	18	DK BL	1661262C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 83

Figure 473 Connector Composites (558), (558M), (559)

27.84. CONNECTOR COMPOSITES (560), (561), P. 84

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

LEFT DEFROSTER FAN
(560)

CONNECTOR 0969541R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	76A	16	LT GN	0333733C1	N/A
B	76-GA	16	WH	0333733C1	N/A

RIGHT DEFROSTER FAN
(561)

CONNECTOR 0969541R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	76B	16	LT GN	0333733C1	N/A
B	76-GB	16	WH	0333733C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 84

Figure 474 Connector Composites (560), (561)

27.85. CONNECTOR COMPOSITES (562), (563), P. 85

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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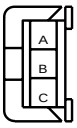
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

BUNK FLUORESCENT LIGHT
LOCATED ABOVE HEADLINER-CENTER BUNK
(562)



CONNECTOR-1661198C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	63L	14	DK BL	1661209C1	N/A
B	63-GA	16	DK BL	1661209C1	N/A
C	63-GB	16	DK BL	1661209C1	N/A

FLUORESCENT LIGHT SWITCH
LOCATED BEHIND BUNK CONTROL PANEL
(563)

CONNECTOR-2009385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	63-GC	16	DK BL	1661226C1	N/A
2	63-GA	16	DK BL	1661226C1	N/A
3	-	-	-	-	-
4	63-GD	16	DK BL	1661226C1	N/A
5	63-GB	16	DK BL	1661226C1	N/A
6	-	-	-	-	-
7	62BE	16	DK BL	1661209C1	N/A
8	62-GBC	18	WH	1661208C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 85

Figure 475 Connector Composites (562), (563)

27.86. CONNECTOR COMPOSITES (564), (568), (569), (570), (571), P. 86

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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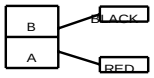
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

READING LIGHTS
(564,568-569)
LOCATED ABOVE HEADLINER

LIGHT PIGTAIL



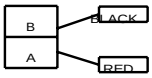
CONNECTOR-1661260C1
CONNECTOR LOCK-1661264C1

ROOF HARNESS
(564)

CONNECTOR-1661259C1
CONNECTOR LOCK-1661263C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	63P	18	DK BL	1661261C1	N/A
B	63-GP	18	WH	1661261C1	N/A

LIGHT PIGTAIL



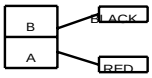
CONNECTOR-1661260C1
CONNECTOR LOCK-1661264C1

ROOF HARNESS
(568)

CONNECTOR-1661259C1
CONNECTOR LOCK-16612

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	63T	18	DK BL	1661261C1	N/A
B	63-GT	18	WH	1661261C1	N/A

LIGHT PIGTAIL



CONNECTOR-1661260C1
CONNECTOR LOCK-1661264C1

ROOF HARNESS
(569)

CONNECTOR-1661259C1
CONNECTOR LOCK-1661263C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	63R	18	DK BL	1661261C1	N/A
B	63-GR	18	WH	1661261C1	N/A

RIGHT DOME LIGHT LOCATED
ABOVE HEADLINER-RIGHT CENTER
(570)

CONNECTOR-587568C91

LEFT DOME LIGHT LOCATED
ABOVE HEADLINER-LEFT CENTER
(571)

CONNECTOR-587568C91

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 86

Figure 476 Connector Composites (564), (568), (569), (570), (571)

27.87. CONNECTOR COMPOSITES (572M), (575), (576), P. 87

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

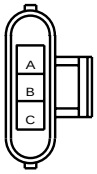
AIR SUSPENSION REL
(572M)

CONNECTOR 1661196C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	38-G	16	WH	1661209C1	N/A
B	38	16	TN	1661209C1	N/A

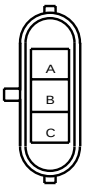
SLEEPER TRAILER SOCKET #1
(575)

MAIN CAB



CONNECTOR-1667733C1
CONN LOCK-1667734C1

TRAILER

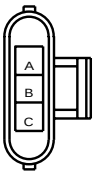


CONNECTOR-1667732C1
CONN LOCK-1667734C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	70C	10	OR	1667737C1	1667735C1
B	68A	10	BN	2025425C1	1667739C1
C	94AF	10	GY	2025425C1	1667739C1

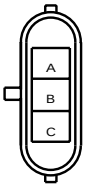
SLEEPER TRAILER SOCKET #2
(576)

TRAILER



CONNECTOR-1667733C1
CONN LOCK-1667734C1

MAIN CAB



CONNECTOR-1667732C1
CONN LOCK-1667734C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	58A	12	BN	1667737C1	1667735C1
A	58A	12	BN	2025424C1	1671603C1
B	56D	12	OR	1667737C1	1667735C1
B	56D	12	OR	2025424C1	1671603C1
C	57D	12	OR	1667737C1	1667735C1
C	57D	12	OR	2025424C1	1671603C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 87

Figure 477 Connector Composites (572M), (575), (576)

27.88. CONNECTOR COMPOSITES (577), (581M), (586M), P. 88

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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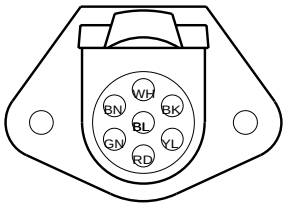
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

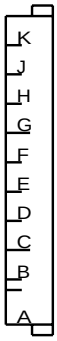
TRAILER SOCKET
LOCATED AT REAR OF CAB OR SLEEPER
(577)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
YL	56D	12	OR	INCLUDED	N/A
BK	58A	12	BN	INCLUDED	N/A
BN	68A	10	BN	INCLUDED	N/A
BL	94AF	10	GY	INCLUDED	N/A
WH	11-GAL	8	WH	INCLUDED	N/A
GN	57D	12	OR	INCLUDED	N/A
RD	70C	10	OR	INCLUDED	N/A

CONNECTOR-1663570C1
GASKET-1666090C1
BOOT-0481849C1
TERMINALS TO BE SOLDERED

(581M)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	12D	12	LT BL	3566715C1	N/A
B	-	-	-	-	-
C	-	-	-	-	-
D	-	-	-	-	-
E	-	-	-	-	-
F	-	-	-	-	-
G	-	-	-	-	-
H	-	-	-	-	-
J	-	-	-	-	-
K	-	-	-	-	-

CONNECTOR 2007315C1

L2-LED PANEL LIGHTS
FEED ADAPTER
LOCATED BEHIND SWITCH CLUSTER
(586M)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	62M	16	DK BL	1661209C1	N/A
B	62V	16	DK BL	1661209C1	N/A
C	62AJ	16	DK BL	1661209C1	N/A
D	62BN	16	DK BL	1661209C1	N/A
E	62BL	16	DK BL	1661209C1	N/A
E	62AN	16	DK BL	1661209C1	N/A
F	62BA	16	DK BL	1661209C1	N/A
G	62AD	16	DK BL	1661209C1	N/A
J	62AP	16	DK BL	1661209C1	N/A

CONNECTOR-2006789C1
CONNECTOR BODY LOCK-2006792C1
CONNECTOR COVER-2006790C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 88

Figure 478 Connector Composites (577), (581M), (586M)

27.89. CONNECTOR COMPOSITES (587), (587M), P. 89

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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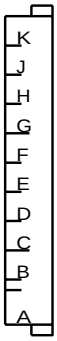
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

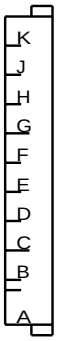
L3 PANEL
GROUND ADAPTER
(587)



CONNECTOR 2007315C1

CAV	CIR	GA	COLOR	TERMINAL	SEAL/SLEEVE
A	-	-	-	-	-
B	-	-	-	-	-
C	-	-	-	-	-
D					
E	72-G	18	WH	1661208C1	N/A
F	-	-	-	-	-
G	-	-	-	-	-
H	-	-	-	-	-
J	-	-	-	-	-
K	-	-	-	-	-

(587M)



CONNECTOR 2007315C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	11-GAK	18	WH	1661208C1	N/A
B	-	-	-	-	-
C	-	-	-	-	-
D	-	-	-	-	-
E	-	-	-	-	-
E	-	-	-	-	-
E	-	-	-	-	-
F	-	-	-	-	-
G	-	-	-	-	-
J	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 89

Figure 479 Connector Composites (587), (587M)

27.90. CONNECTOR COMPOSITES (589M), (591F), P. 90

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

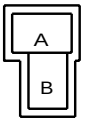
CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

SLEEPER DOME LIGHT SWITCH
LOCATED BEHIND SWITCH CLUSTER
(589M)

CONNECTOR-2009385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	63-GC	16	DK BL	1661226C1	N/A
2	63-GE	16	WH	1661226C1	N/A
3	63-GD	16	DK BL	1661226C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	62BC	16	DK BL	1661209C1	N/A
8	62-GBA	18	WH	1661208C1	N/A

PYROMETER
THERMOCOUPLE CONN
(591F)



CONNECTOR 0872290R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	RED	16	RD	0239807R1	N/A
B	YELLOW	16	YL	0239807R1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 90

Figure 480 Connector Composites (589M), (591F)

27.91. CONNECTOR COMPOSITES (592M), (593M), P. 91

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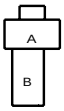
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

PYROMETER CONTROL MODULE
THERMOCOUPLE CONN
(592M)



CONNECTOR-0872291R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	RED	16	RD	0188396R1	N/A
B	YELLOW	16	YL	0188396R1	N/A

A3 ACC ADAPTER
(593M)

CONNECTOR 2006789C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	-	-	-	-	-
B	-	-	-	-	-
C	12K	18	LT BL	1661208C1	N/A
D	12L	12	LT BL	1661211C1	N/A
E	12R	12	LT BL	3566715C1	N/A
F	-	-	-	-	-
G	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 91

Figure 481 Connector Composites (592M), (593M)

27.92. CONNECTOR COMPOSITES (595M), (601M), (602M), P. 92

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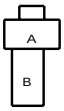
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

DATA LINK CLUSTER LOCATED
BEHIND CLUSTER
(595M)



CONNECTOR-0872291R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	47/48(+)	18	GY	0879630R1	N/A
B	47/48(-)	18	GY	0879630R1	N/A

(601M)

CONNECTOR 0188395R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	86AJ	14	LT GN	0188396R1	N/A

(602M)

CONNECTOR 0188395R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	86-GAJ	14	WH	0188396R1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 92

Figure 482 Connector Composites (595M), (601M), (602M)

27.93. CONNECTOR COMPOSITES (607M), (612), (613), P. 93

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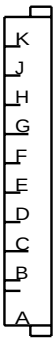
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

I2 IGN ADAPTER
(607M)



CONNECTOR 2007315C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	13F	12	PK	3566715C1	N/A
B	13AT	14	PK	1661209C1	N/A
C	-	-	-	-	-
D	-	-	-	-	-
E	-	-	-	-	-
F	-	-	-	-	-
G	-	-	-	-	-
H	-	-	-	-	0453133C1
J	-	-	-	-	0453133C1
K	-	-	-	-	0453133C1

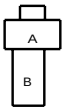
TV/VCR SWITCH
LOCATED AT BUNK CONTROL PANEL
(612)

CONNECTOR-2009385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	86U	14	LT GN	1661226C1	N/A
6	86UA	14	LT GN	1661226C1	N/A
7	62BF	16	DK BL	1661209C1	N/A
8	62-GBD	18	WH	1661208C1	N/A

TV/VCR RECEPTACLE
LOCATED BEHIND TV/VCR
(613)

CAB HARNESS



CONNECTOR-0872291R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	86-GS	14	WH	0188396R1	N/A
B	86UA	14	LT GN	0188396R1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 93

Figure 483 Connector Composites (607M), (612), (613)

27.94. CONNECTOR COMPOSITES (625F), (625M), P. 94

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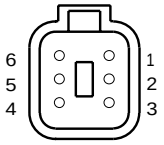
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

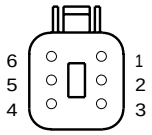
CAB CONNECTOR
(625F)



CONNECTOR 2005241C1
CONNECTOR 2005243C1
BODY LOCK

CAV	CIR	GA	COLOR	TERMINAL	SEAL/SLEEVE
1	RD	16	RD	1680206C1	N/A
2	DKBL	16	DK BL	1680206C1	N/A
3	GY	16	GY	1680206C1	N/A
4	YL	16	YL	1680206C1	N/A
5	OR	16	OR	1680206C1	N/A
6	BK	16	BK	1680206C1	N/A

ABS CHASSIS
(625M)



CONNECTOR 2005240C1

CAV	CIR	GA	COLOR	TERMINAL	SEAL/SLEEVE
1	98J(+)	16	GY	1680205C1	N/A
2	98K(-)	16	GY	1680205C1	N/A
3	94H	16	GY	1680205C1	N/A
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 94

Figure 484 Connector Composites (625F), (625M)

27.95. CONNECTOR COMPOSITES (627), P. 95

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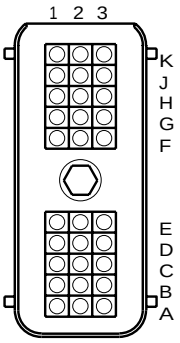
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END



CONNECTOR 3554087C1

CAV	CIR	GAUGE	COL	TERMINAL	SEAL/SLEEVE
A1	WH1	16	WH	3554090C1	N/A
A1	WH1	16	WH	3554090C1	N/A
A2	WH2	16	VT	3554090C1	N/A
A2	WH2	16	VT	3554090C1	N/A
A3	WH3	16	BL	3554090C1	N/A
A3	WH3	16	BL	3554090C1	N/A
B1	TN	16	TN	3554090C1	N/A
B1	TN	16	TN	3554090C1	N/A
B2	PLUG	-	-	3554386C1	-
B3	PLUG	-	-	3554386C2	-
C1	LTGN/WH	16	LT GN	3554090C1	N/A
C1	LTGN/WH	16	LT GN	3554090C1	N/A
C2	OR	16	OR	3554090C1	N/A
C2	OR	16	OR	3554090C1	N/A
C3	98YL5(+)	20	YL	3565443C1	N/A
C3	98YL5(+)	20	YL	3565443C1	N/A
D1	LTBL/WH	16	LT BL	3554090C1	N/A
D1	LTBL/WH	16	LT BL	3554090C1	N/A
D2	98SHD5	20	NONE	3565443C1	N/A
D2	98SHD5	20	NONE	3565443C1	N/A
D3	98GN5(-)	20	GN	3565443C1	N/A
D3	98GN5(-)	20	GN	3565443C1	N/A
E1	VT/WH	16	VT	3554090C1	N/A
E1	VT/WH	16	VT	3554090C1	N/A
E2	PLUG	-	-	3554386C1	-
E3	GY	16	GY	3554090C1	N/A
E3	GY	16	GY	3554090C1	N/A
F1	BK/WH	16	BK	3554090C1	N/A
F1	BK/WH	16	BK	3554090C1	N/A
F2	BK	16	BK	3554090C1	N/A
F2	BK	16	BK	3554090C1	N/A
F3	PLUG	-	-	3554386C1	-
G1	BN/WH	16	BN	3554090C1	N/A
G1	BN/WH	16	BN	3554090C1	N/A
G2	RD	16	RD	3554090C1	N/A
G2	RD	16	RD	3554090C1	N/A
G3	DKBL	16	DK BL	3554090C1	N/A
G3	DKBL	16	DK BL	3554090C1	N/A
H1	RD/WH	16	RD	3554090C1	N/A
H1	RD/WH	16	RD	3554090C1	N/A
H2	DKBL/WH	16	DK BL	3554090C1	N/A
H2	DKBL/WH	16	DK BL	3554090C1	N/A
H3	YL/WH	16	YL	3554090C1	N/A
H3	YL/WH	16	YL	3554090C1	N/A
J1	GY/WH	16	GY	3554090C1	N/A
J1	GY/WH	16	GY	3554090C1	N/A
J2	OR/WH	16	OR	3554090C1	N/A
J2	OR/WH	16	OR	3554090C1	N/A
J3	PLUG	-	-	3554386C1	-
K1	YL	16	YL	3554090C1	N/A
K1	YL	16	YL	3554090C1	N/A
K2	LT GN	16	LT GN	3554090C1	N/A
K2	LT GN	16	LT GN	3554090C1	N/A
K3	BN	16	BN	3554090C1	N/A
K3	BN	16	BN	3554090C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 95

Figure 485 Connector Composites (627)

27.96. CONNECTOR COMPOSITES (645M), (662M), (675), P. 96

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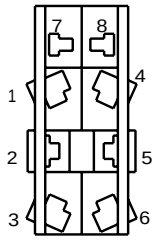
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

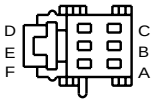
MANUAL FAN DRIVE
OVERRIDE SWITCH
(645M)



CONNECTOR 2009385C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
1	62-GBS	16	WH	1661227C1	N/A
1	23-G	16	WH	1661227C1	N/A
2	-	-	-	-	-
3	-	-	-	-	-
4	23	12	TN	1661227C1	N/A
5	23A	12	TN	1661227C1	N/A
6	-	-	-	-	-
7	62BS	16	DK BL	1661209C1	N/A
8	62-GBS	16	WH	1661209C1	N/A

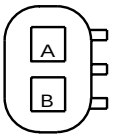
DISPLAY POWER
(662M)



CONNECTOR-2031871C1
CONNECTOR
BODY L0CK 2031873C1-2

CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
A	11-GPD	18	WH	1661261C1	N/A
B	14B	18	RD	1661261C1	N/A
C	13PB	18	PK	1661261C1	N/A
D	98D(-)	18	BK	1661261C1	N/A
E	98E(+)	18	BK	1661261C1	N/A
F	62EA	18	DK BL	1661261C1	N/A

ECM POWER
(675)



CONNECTOR-1671611C1
CONNECTOR
BODY LOCK-1671608C1

CAV	CIR	GAUGE	COLOR	TERM	SEAL/SLEEVE
A	14C	12	RD	2033912C1	0589390C1
B	14D	12	RD	2033912C1	0589390C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 96

Figure 486 Connector Composites (645M), (662M), (675)

27.97. CONNECTOR COMPOSITES (675A), (675B), (690), P. 97

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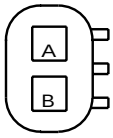
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

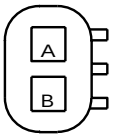
(675A)



CONNECTOR-1671611C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	14C	12	RD	2033816C1	0589390C1
B	14D	12	RD	2033816C1	0589390C1

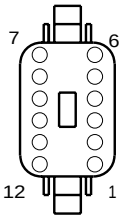
ABC
(675B)



CONNECTOR-1671611C1

CAV	CIR	GAUGE	COL	TERM	SEAL/SLEEVE
A	14C	12	RD	2033912C1	0589390C1
B	14D	12	RD	2033912C1	0589390C1

REAR CHASSIS
HARNESS
(690)



CONNECTOR - 3519423C1
CONNECTOR
BODY LOCK - 3601925C1

CAV	CIR	GAUGE	COL	TERM	SEAL/SLEEVE
1	GY/WH	16	GY	1680205C1	N/A
2	OR/WH	16	OR	1680205C1	N/A
3	YL/WH	16	YL	1680205C1	N/A
4	DK BL/WH	16	DK BL	1680205C1	N/A
5	BN	16	BN	1680205C1	N/A
6	BL	16	BL	1680205C1	N/A
7	BN/WH	16	TN	1680205C1	N/A
8	RD/WH	16	RD	1680205C1	N/A
9	BK/WH	16	BK	1680205C1	N/A
10	LT BL/WH	16	LT BL	1680205C1	N/A
11	LT GN/WH	16	LT GN	1680205C1	N/A
12	VT/WH	16	VT	1680205C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 05OCT05	PART NO. AF08-52482	SHEET 97

Figure 487 Connector Composites (675A), (675B), (690)

27.98. CONNECTOR COMPOSITES (724M), (725M), (726M), P. 98

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

IGNITION FEED (724M)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	16B	14	GY	0188396R1	N/A

CONNECTOR 0188395R1

BACK-UP FEED (725M)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	16C	12	GY	1660577C1	N/A

CONNECTOR 0188395R1

ECM IGNITION FEED (726M)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	16E	14	GY	0188396R1	N/A

CONNECTOR 0188395R1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 98

Figure 488 Connector Composites (724M), (725M), (726M)

27.99. CONNECTOR COMPOSITES (709M), (732), (751F), P. 99

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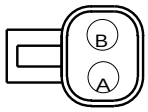
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

FREON COMP CLUTCH
(709M)



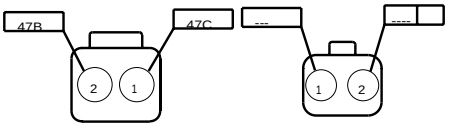
CONNECTOR 1671610C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	77-GA	12	WH	2033816C1	0589390C1
B	77A	12	GY	2033816C1	0589390C1

VEHICLE SPEED SENSOR
(732)

ENGINE HARNESS (ECU)

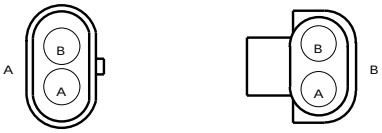
SPEED SENSOR



CONNECTOR-1684260C1

CONNECTOR-1684261C1

ENGINE OIL TEMP SENDER
LOCATED ON SIDE OF ENGINE
(751F)



CONNECTOR-0587567C91

CONNECTOR-0587568C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	30A	12	TN	1673748C1	0589390C1
B	30-GA	14	WH	0587577C1	0589391C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 99

Figure 489 Connector Composites (709M), (732), (751F)

27.100. CONNECTOR COMPOSITES (764), (765), (766–770), (775M), P. 100

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

LEFT SPOT LIGHT FEED (764)

CONNECTOR- 0188393R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	14AY	12	RD	0188392R2	N/A

RIGHT SPOT LIGHT (765)

CONNECTOR- 0188393R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	14BA	12	RD	0188392R2	N/A

CAB ROOF CLEARANCE & ID LIGHTS (766-770)

LIGHT PIGTAIL

CONNECTOR-1661260C1

CONNECTOR LOCK-1661264C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	58-GH	18	WH	1661261C1	N/A
B	58H	18	BN	1661261C1	N/A

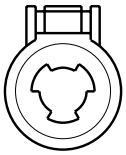
ROOF HARNESS

CONNECTOR-1661259C1

CONNECTOR LOCK-1661263C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	58-GM	18	WH	1661261C1	N/A
B	58M	18	BN	1661261C1	N/A

ALTERNATOR GROUND (775M)



CONNECTOR- 2007312C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	11-GX	6	WH	1621479C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 100

Figure 490 Connector Composites (764), (765), (766–770), (775M)

27.101. CONNECTOR COMPOSITES (780F), (780M), (900C), (908M), P. 101

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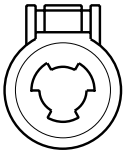
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

ABC (780F)

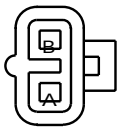
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	14AF	4	RD	3517758C1	N/A

ABC (780M)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	14	4	RD	3517757C1	N/A

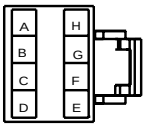
ABC (900C)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	31	16	GY	2033819C1	1652325C1
B	31-G	16	GY	2033819C1	1652325C1

TACHOGRAPH DATA LINK TRANSLATOR
LOCATED BEHIND LEFT CLUSTER

(908M)
ENGINE OVERLAY

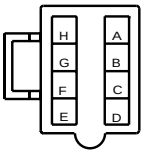


CONNECTOR-2005835C1

CONNECTOR LOCK(2)-2006503C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	28J	16	TN	1661209C1	N/A
B	62BA	16	DK BL	1661209C1	N/A
C	28F	16	TN	1661209C1	N/A
D	28-G	16	WH	1661209C1	N/A
E	A	-	-	-	-
F	-	-	-	-	-
G	98S(+)	16	BK	1661209C1	N/A
H	98T(-)	16	BK	1661209C1	N/A

TRANSLATOR



CAVITY	CIRCUIT
A	RD & OR
B	GRAY
C	RD & BK
D	BK & BN
E	BLUE
F	PURPLE
G	YELLOW
H	GREEN

CONNECTOR-2005836C1
CONNECTOR LOCK(2)-2006504C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 101

Figure 491 Connector Composites (780F), (780M), (900C), (908M)

27.102. CONNECTOR COMPOSITES (923), P. 102

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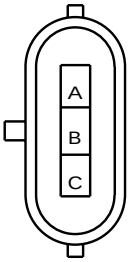
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

TRAILER SOCKET
FORWARD CONN
(923)



CONNECTOR 1667732C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	70C	10	RD	2025425C1	1667735C1
B	68A	12	BN	2025424C1	1671603C1
C	97AF	10	BL	2025425C1	1667735C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 102

Figure 492 Connector Composites (923)

27.103. CONNECTOR COMPOSITES (924), (925), (926), P. 103

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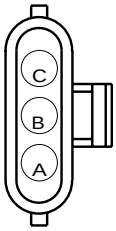
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

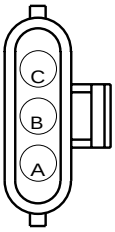
TRAILER SOCKET REARWARD CONN (924)



CONNECTOR 1667733C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	58A	12	BK	2025424C1	1671603C1
B	56D	12	YL	2025424C1	1671603C1
C	57D	12	GN	2025424C1	1671603C1

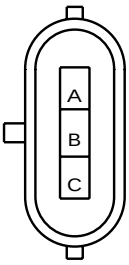
TRAILER SOCKET FORWARD CONN (925)



CONNECTOR 1667733C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	58A	12	BK	1667737C1	1671603C1
B	56D	12	YL	1667737C1	1671603C1
C	57D	12	GN	1667737C1	1671603C1

TRAILER SOCKET REARWARD CONN (926)



CONNECTOR 1667732C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	58A	12	BK	1667737C1	1671603C1
B	56D	12	YL	1667737C1	1671603C1
C	57D	12	GN	1667737C1	1671603C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 103

Figure 493 Connector Composites (924), (925), (926)

27.104. CONNECTOR COMPOSITES (927), (928), (951F), P. 104

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

ABC
(927)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	11-GAL	8	WH	3517439C1	N/A
A	11-GAL	8	WH	3517439C1	N/A
A	11-GAL	8	WH	3517818C1	N/A

ABC
(928)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	11-GAL	8	WH	3517439C1	N/A
A	11-GAL	8	WH	3517818C1	N/A
A	11-GAL	8	WH	3517818C1	N/A

DUAL AXIS MOTORIZED
MIRROR SWITCH
(951F)

CONNECTOR 3515763C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	78D	18	LT GN	1661262C1	N/A
B	78J	18	LT GN	1661262C1	N/A
C	78H	18	LT GN	1661262C1	N/A
D	78K	18	LT GN	1661262C1	N/A
E	78E	18	LT GN	1661262C1	N/A
F	78L	18	LT GN	1661262C1	N/A
G	78F	18	LT GN	1661262C1	N/A
H	78-GB	18	WH	1661262C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 104

Figure 494 Connector Composites (927), (928), (951F)

27.105. CONNECTOR COMPOSITES (955), P. 105

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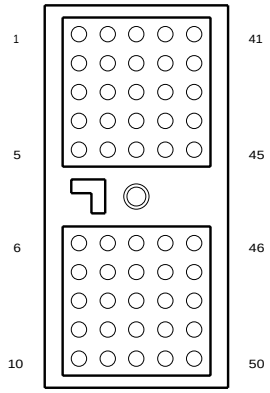
ELECTRICAL CIRCUIT DIAGRAM CHAPTER

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

ENGINE ECM
LOCATED ON ENGINE ECM
(955)



CONNECTOR-3524112C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
1	97AL	18	VT	3555249C1	N/A	26	98(+)	18	BK	3555249C1	N/A
2	97AH	18	VT	3555249C1	N/A	27	98B(-)	18	BK	3555249C1	N/A
3	99C	18	VT	3555249C1	N/A	28	14CK	18	RD	3555249C1	N/A
4	-	-	-	-	-	29	11-GCF	18	WH	3555249C1	N/A
5	97AZ	18	VT	3555249C1	N/A	30	11-GCG	18	WH	3555249C1	N/A
6	97AP	18	VT	3555249C1	N/A	31	24AF	18	GY	3555249C1	N/A
7	14CF	18	RD	3555249C1	N/A	32	24AP	18	GY	3555249C1	N/A
8	14CG	18	RD	3555249C1	N/A	33	-	-	-	-	
9	-	-	-	-		34	-	-	-	-	-
10	97-GA	18	VT	3555249C1	N/A	35	-	-	-	-	-
11	-	-	-	-	-	36	98SHD1	20	NONE	3524114C1	N/A
12	-	-	-	-	-	37	98GN1(-)	20	GN	3524114C1	N/A
13	99B	18	VT	3555249C1	N/A	38	16D	18	GY	3555249C1	N/A
14	97AB	18	VT	3555249C1	N/A	39	11-GCH	18	WH	3555249C1	N/A
15	-	-	-	-	0453133C1	40	11-GCJ	18	WH	3555249C1	N/A
16	97AT	18	VT	3555249C1	N/A	41	-	-	-	-	0453133C1
17	14CH	18	RD	3555249C1	N/A	42	-	-	-	-	0453133C1
18	14CJ	18	RD	3555249C1	N/A	43	-	-	-	-	0453133C1
19	-	-	-	-	-	44	97AM	18	VT	3555249C1	N/A
20	-	-	-	-	-	45	-	-	-	-	
21	-	-	-	-	-	46	98YL1(+)	20	YL	3524114C1	N/A
22	24AE	18	GY	3518963C1	N/A	47	99	18	VT	3555249C1	N/A
23	97AE	18	VT	3555249C1	N/A	48	99A(5V)	18	VT	3555249C1	N/A
24	97AA	18	VT	3555249C1	N/A	49	99-G	18	VT	3555249C1	N/A
25	-	-	-	-	0453133C1	50	11-GCK	18	WH	3555249C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 105

Figure 495 Connector Composites (955)

27.106. CONNECTOR COMPOSITES (959), (960C), (960D), (960M), P. 106

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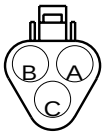
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

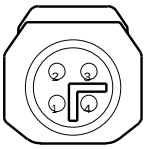
J1939 DIAGNOSTIC (959)



CONNECTOR 1655702C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	98YL4(+)	20	YL	1651969C1	N/A
B	98GN4(-)	20	GN	1651969C1	N/A
C	98SHD4	20	NONE	1651969C1	N/A

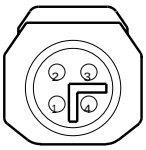
J1939 CHASSIS (960C)



CONNECTOR 3537127C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
1	98YL2(+)	20	YL	3537131C1	N/A
2	98SHD2	20	NONE	3537131C1	N/A
3	98GN2(-)	20	GN	3537131C1	N/A
4	PLUG	-	-	3537132C1	-

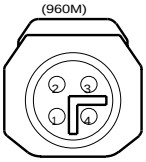
J1939 DIAGNOSTIC (960D)



CONNECTOR 3537127C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
1	98YL4(+)	20	YL	3537131C1	N/A
2	98SHD4	20	NONE	3537131C1	N/A
3	98GN4(-)	20	GN	3537131C1	N/A
4	PLUG	-	-	3537132C1	-

J1939 BACKBONE (960M)



CONNECTOR 1667741C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	98YL1(+)	20	YL	1661875C1	1661872C1
B	A1 98SHD1	20	NONE	1661875C1	1661872C1
C	A1 98GN1(-)	20	GN	1661875C1	1661872C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 106

Figure 496 Connector Composites (959), (960C), (960D), (960M)

27.107. CONNECTOR COMPOSITES (960M), (960T), (960U), (960V), P. 107

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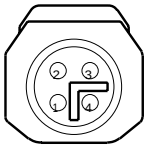
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

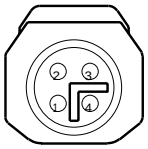
J1939 BACKBONE
(960M)



CONNECTOR 3537127C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	98YL5(+)	20	YL	3537131C1	N/A
2	98SHD5	20	NONE	3537131C1	N/A
3	98GN5(-)	20	GN	3537131C1	N/A
4	PLUG	-	-	3537132C1	-

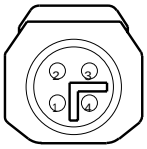
J1939 BACKBONE
(960T)



CONNECTOR 3537127C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	98YL1(+)	20	YL	3537131C1	N/A
1	A1 98YL1(+)	20	YL	3537131C1	N/A
2	98SHD1	20	NONE	3537131C1	N/A
2	A1 98SHD1	20	NONE	3537131C1	N/A
3	98GN1(-)	20	GN	3537131C1	N/A
3	A1 98GN1(-)	20	GN	3537131C1	N/A
4	PLUG	-	-	3537132C1	-

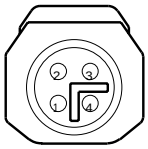
J1939 BACKBONE
(960U)



CONNECTOR 3537127C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	98YL2(+)	20	YL	3537131C1	N/A
1	A2 98YL2(+)	20	YL	3537131C1	N/A
2	98SHD2	20	NONE	3537131C1	N/A
2	A2 98SHD2	20	NONE	3537131C1	N/A
3	98GN2(-)	20	GN	3537131C1	N/A
3	A2 98GN2(-)	20	GN	3537131C1	N/A
4	PLUG	-	-	3537132C1	-

J1939 AUTOSHIFT
(960V)



CONNECTOR 3537127C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	98YL5(+)	20	YL	3537131C1	N/A
2	98SHD5	20	NONE	3537131C1	N/A
3	98GN5(-)	20	GN	3537131C1	N/A
4	PLUG	-	-	3537132C1	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 107

Figure 497 Connector Composites (960M), (960T), (960U), (960V)

27.108. CONNECTOR COMPOSITES (960F), (961), (961A), (961B), (962M), P. 108

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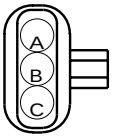
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

J1939 ENGINE DATA LINK
(960F)



CONNECTOR-1667740C1

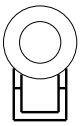
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	98YL1(+)	20	YL	1667742C1	1661872C1
A	98YL1(+)	20	YL	1667742C1	1661872C1
B	98SHD1	20	NONE	1667742C1	1661872C1
B	98SHD1	20	NONE	1667742C1	1661872C1
C	98GN1(-)	20	GN	1667742C1	1661872C1
C	98GN1(-)	20	GN	1667742C1	1661872C1

(961)

CONNECTOR-1669453C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	11-G	12	WH	2033816C1	0589390C1

ENGINE HARNESS NEGATIVE
(961A)



CONNECTOR-1669834C1

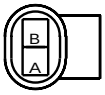
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	11-G	10	WH	1687848C1	0589390C1

ABC
(961B)

CONNECTOR-2036583C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	11-G	10	WH	1687847C1	0589390C1

VEHICLE SPEED SENSOR
(962M)



CONNECTOR-2036583C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	97AJ	16	VT	2036586C1	N/A
B	97AK	16	VT	2036586C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 108

Figure 498 Connector Composites (960F), (961), (961A), (961B), (962M)

27.109. CONNECTOR COMPOSITES (963), (963F), (964E), (964M), P. 109

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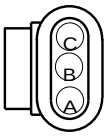
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

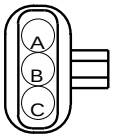
J1939 BACKBONE (963)



CONNECTOR 1667741C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	98YL5(+)	20	YL	1661875C1	1661872C1
B	98SHD5	20	NONE	1661875C1	1661872C1
C	98GN5(-)	20	GN	1661875C1	1661872C1

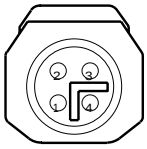
J1939 BACKBONE ENGINE CONN (963F)



CONNECTOR 1667740C1
CONECTOR
BODY LOCK-1667771C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	98YL2(+)	20	YL	1667742C1	1661872C1
A	A2 98YL2(+)	20	YL	1667742C1	1661872C1
B	98SHD2	20	NONE	1667742C1	1661872C1
B	A2 98SHD2	20	NONE	1667742C1	1661872C1
C	98GN2(-)	20	GN	1667742C1	1661872C1
C	A2 98GN2(-)	20	GN	1667742C1	1661872C1

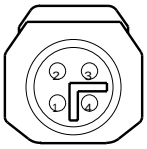
ECM (964E)



CONNECTOR 3537127C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	98YL5(+)	20	YL	3537131C1	N/A
2	98SHD5	20	NONE	3537131C1	N/A
3	98GN5(-)	20	GN	3537131C1	N/A
4	PLUG	-	-	3537132C1	-

J1939 BACKBONE (964M)



CONNECTOR 3537127C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	98YL1(+)	20	YL	3537131C1	N/A
2	98SHD1	20	NONE	3537131C1	N/A
3	98GN1(-)	20	GN	3537131C1	N/A
4	PLUG	-	-	3537132C1	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 109

Figure 499 Connector Composites (963), (963F), (964E), (964M)

27.110. CONNECTOR COMPOSITES (965F), (965M), (984), P. 110

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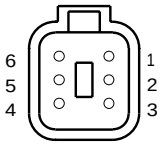
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

ABS POWER
(965F)

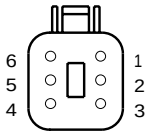


CONNECTOR 2005241C1

CONNECTOR 2005243C1
BODY LOCK

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
1	94KA	16	GY	1680206C1	N/A
2	94KB	16	GY	1680206C1	N/A
3	94KC	16	GY	1680206C1	N/A
4	WH1	16	WH	1680206C1	N/A
5	WH2	16	WH	1680206C1	N/A
6	WH3	16	WH	1680206C1	N/A

CAB POWER
(965M)



CONNECTOR 2005240C1

CONNECTOR 2005242C1
BODY LOCK

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	TN	16	TN	1680205C1	N/A
2	LT GN	16	LT GN	1680205C1	N/A
3	BN	16	BN	1680205C1	N/A
4	WH1	16	WH	1680205C1	N/A
5	WH2	16	VT	1680205C1	N/A
6	WH3	16	BL	1680205C1	N/A

IGNI FEED
(984)

CONNECTOR 0188395R1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	31	16	GY	0879633R1	N/A
A	31A	16	GY	0879633R1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 110

Figure 500 Connector Composites (965F), (965M), (984)

27.111. CONNECTOR COMPOSITES (1030M), (1031M), (1032M), P. 111

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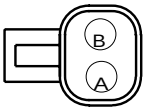
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

CONDENSER FAN
(1030M)

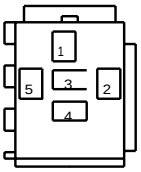


CONNECTOR 1671610C1

CONNECTOR 1671608C1
BODY LOCK

CAV	CIRCUIT	GA0453133C1	COLOR	TERMINAL	SEAL/SLV
A	77X	12	LT GN	2033816C1	0589390C1
B	77-GX	12	WH	2033816C1	0589390C1

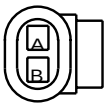
COND FAN RELAY
(1031M)



CONNECTOR 0593385C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	77V	12	LT GN	1661710C1	N/A
2	77Z	16	LT GN	1661709C1	N/A
3	-	-	-	-	-
4	77X	12	LT GN	1661710C1	N/A
5	77Y	16	LT GN	1661709C1	N/A

PRESSURE SWITCH
(1032M)



CONNECTOR 1661778C1
CONNECTOR
BODY LOCK-1661874C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	77Z	16	LT GN	1661875C1	1661872C1
B	77-GZ	16	LT GN	1661875C1	1661872C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 111

Figure 501 Connector Composites (1030M), (1031M), (1032M)

27.112. CONNECTOR COMPOSITES (1033A), (1033M), (1034A), (1034M), P. 112

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

ABC
(1033A)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	77Y1	14	LT GN	0239807R1	N/A

IGNITION FEED
(1033M)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	77Y	16	LT GN	0879633R1	N/A
A	77Y1	14	LT GN	0879633R1	N/A

CONNECTOR 0188395R1

ABC
(1034A)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	77V1	14	LT GN	0239807R1	N/A

BATTERY
(1034M)

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLV
A	77V	12	LT GN	1677840C1	N/A
A	77V1	14	LT GN	1677840C1	N/A

CONNECTOR 0188395R1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 112

Figure 502 Connector Composites (1033A), (1033M), (1034A), (1034M)

27.113. CONNECTOR COMPOSITES (1037), (1040), (1041), (1042), P. 113

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

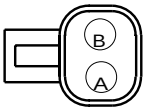
CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

BATTERY
(1037)

CONNECTOR 0188395R1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	79V	12	RD	1660577C1	N/A
A	79G	10	RD	1660025C1	N/A

CAB LIFT PUMP SWITCH
(1040)

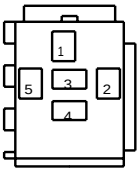


CONNECTOR 1671610C1

CONNECTOR 1671608C1
BODY LOCK

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	79Z	16	GY	2033819C1	1652325C1
B	79-GZ	16	GY	2033819C1	1652325C1

CAB LIFT PUMP RELAY
(1041)

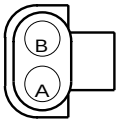


CONNECTOR 0593385C1

CONNECTOR 0593387C1
BODY LOCK

CAV	CIR	GAUGE	COL	TERM	SEAL/SLEEVE
1	79Y	16	GY	1661710C1	N/A
1	79V	12	RD	1661710C1	N/A
2	79Z	16	GY	1661709C1	N/A
3	-	-	-	-	-
4	79X	12	GY	1661710C1	N/A
5	79Y	16	GY	1661709C1	N/A

FUEL TANK SENDER
(1042)



CONNECTOR 0587568C91

CAV	CIRCUIT	GA	COLOR	TERMINAL	SEAL/SLV
A	36-G	16	WH	0587575C1	1652325C1
B	36	16	BK	0587575C1	1652325C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS	
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 113

Figure 503 Connector Composites (1037), (1040), (1041), (1042)

27.114. CONNECTOR COMPOSITES (1093), P. 114

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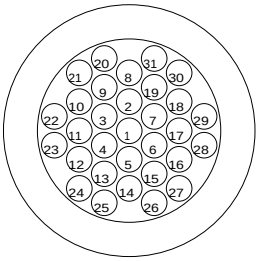
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

31 PIN INTERFACE
(1093)



CONNECTOR 2005484C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	PLUG	-	-	0453133C1	0453133C1
2	PLUG	-	-	0453133C2	0453133C1
3	PLUG	-	-	0453133C3	0453133C1
4	PLUG	-	-	0453133C4	0453133C1
5	34A	16	TN	1680205C1	N/A
6	34	16	TN	1680205C1	N/A
7	34B(5V)	16	TN	1680205C1	N/A
8	PLUG	-	-	0453133C4	0453133C1
9	PLUG	-	-	0453133C4	0453133C1
10	PLUG	-	-	0453133C4	0453133C1
11	PLUG	-	-	0453133C4	0453133C1
12	23D	16	TN	1680205C1	N/A
13	23-GA	16	WH	1680205C1	N/A
14	PLUG	-	-	0453133C4	0453133C1
15	PLUG	-	-	0453133C4	0453133C1
16	PLUG	-	-	0453133C4	0453133C1
17	23C	16	TN	1680205C1	N/A
18	23-GB	16	TN	1680205C1	N/A
19	34-G	16	TN	1680205C1	N/A
20	PLUG	-	-	0453133C4	
21	97AJ	16	VT	1680205C1	N/A
22	97AK	16	VT	1680205C1	N/A
23	PLUG	-	-	0453133C4	0453133C1
24	PLUG	-	-	0453133C4	0453133C1
25	PLUG	-	-	0453133C4	0453133C1
26	PLUG	-	-	0453133C4	0453133C1
27	PLUG	-	-	0453133C4	0453133C1
28	PLUG	-	-	0453133C4	0453133C1
29	PLUG	-	-	0453133C4	0453133C1
30	PLUG	-	-	0453133C4	0453133C1
31	PLUG	-	-	0453133C4	0453133C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 114

Figure 504 Connector Composites (1093)

27.115. CONNECTOR COMPOSITES (1189), P. 115

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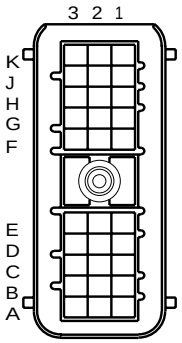
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE -
VIEWED FROM MATING END

AUTOSHIFT SELECTOR
(1189)



CONNECTOR-3554089C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A1	-	-	-	-	-
A2	17W	16	PK	3554090C1	N/A
A2	17W	16	PK	3554090C1	N/A
A3	17U	16	PK	3554090C1	N/A
A3	17U	16	PK	3554090C1	N/A
B1	-	-	-	-	-
B2	98U(+)	16	BK	3554090C1	N/A
B2	T2 98UB(+)	18	BK	3565443C1	N/A
B3	62Y	16	DK BL	3554090C1	N/A
B3	62Y	16	DK BL	3554090C1	N/A
C1	92S	16	TN	3554090C1	N/A
C1	92S	16	TN	3554090C1	N/A
C2	98V(-)	16	BK	3554090C1	N/A
C2	T2 98VB(-)	18	BK	3565443C1	N/A
C3	17-GA	16	WH	3554090C1	N/A
C3	17-GA	16	WH	3554090C1	N/A
D1	-	-	-	-	-
D2	-	-	-	-	-
D3	-	-	-	-	-
E1	92N	16	TN	3554090C1	N/A
E2	92P	16	TN	3554090C1	N/A
E3	92R	16	TN	3554090C1	N/A
F1	98YL4(+)	20	YL	3565443C1	N/A
F1	A4 98YL4(+)	20	YL	3565443C1	N/A
F2	98GN4(-)	20	GN	3565443C1	N/A
F2	A4 98GN4(-)	20	GN	3565443C1	N/A
F3	98SHD4	20	NONE	3565443C1	N/A
F3	A4 98SHD4	20	NONE	3565443C1	N/A
G1	A5 98YL5(+)	20	YL	3565443C1	N/A
G1	98YL5(+)	20	YL	3565443C1	N/A
G2	A5 98GN5(-)	20	GN	3565443C1	N/A
G2	98GN5(-)	20	GN	3565443C1	N/A
G3	98SHD5	20	NONE	3565443C1	N/A
G3	A5 98SHD5	20	NONE	3565443C1	N/A
J1	92GA	16	TN	3554090C1	N/A
J1	92GA	16	TN	3554090C1	N/A
J2	92H	16	TN	3554090C1	N/A
J2	92H	16	TN	3554090C1	N/A
J3	92J	16	TN	3554090C1	N/A
J3	92J	16	TN	3554090C1	N/A
K1	92K	16	TN	3554090C1	N/A
K1	92K	16	TN	3554090C1	N/A
K2	92L	16	TN	3554090C1	N/A
K2	92L	16	TN	3554090C1	N/A
K3	92M	16	TN	3554090C1	N/A
K3	92MB	16	TN	3554090C1	N/A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AF08-52482	SHEET 115

Figure 505 Connector Composites (1189)

27.116. CONNECTOR COMPOSITES (1239C), (1239E), P. 116

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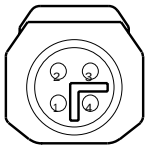
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 13

CONNECTOR BODY COMPOSITE - VIEWED FROM MATING END

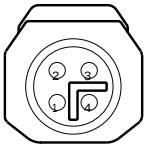
J1939 CHASSIS
(1239C)



CONNECTOR 3537127C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	98YL2(+)	20	YL	3537131C1	N/A
2	98SHD2	20	NONE	3537131C1	N/A
3	98GN2(-)	20	GN	3537131C1	N/A
4	PLUG	-	-	3537127C1	-

J1939 ENGINE
(1239E)



CONNECTOR 3537127C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	98YL1(+)	20	YL	3537131C1	N/A
2	98SHD1	20	NONE	3537131C1	N/A
3	98GN1(-)	20	GN	3537131C1	N/A
4	PLUG	-	-	3537132C1	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
					U00K640	CO-9800-RHD CIRCUIT DIAGRAMS		
					RELEASE NO. 59381N	DATE 04OCT05	PART NO. AE08-52482	SHEET 116

Figure 506 Connector Composites (1239C), (1239E)

28. POWER DISTRIBUTION LAYOUT (RHD — CHAPTER 14)

28.1. FUSE AND CIRCUIT BREAKER LOCATION, P. 1

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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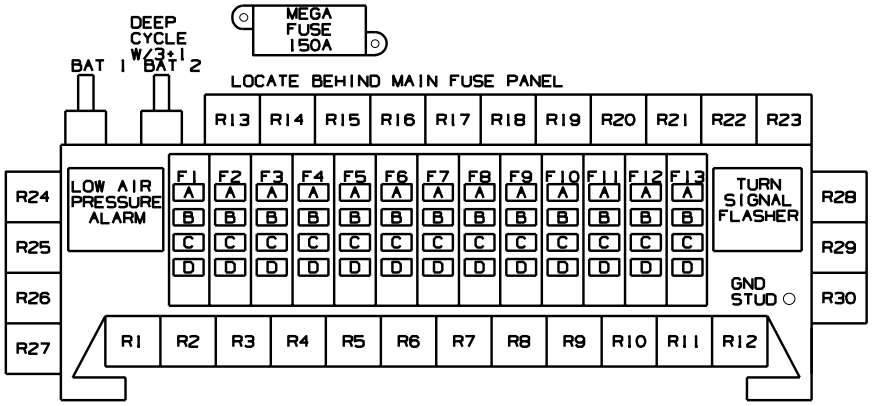
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14

FUSE AND CIRCUIT BREAKER LOCATION



LOCATION	DEVICE	PART NO	DESCRIPTION
F1-A	FUSE 30 AMP	057169C1	BLOWER MOTOR HIGH FAN SPEED
F1-B	FUSE 10 AMP	0131222C1	AIR CONDITIONER COMPRESSOR
F1-C	FUSE 20 AMP	0131224C1	HEATER & A/C CONTROL; LOW, MEDIUM FAN SPEEDS
F1-D	FUSE 10 AMP	0131222C1	WORK LIGHT
F2-A	FUSE 15 AMP	0509080C1	LUGGAGE LIGHTS-CIGARETTE LIGHTER
F2-B	FUSE 10 AMP	0131222C1	DOME AND COURTASY LIGHTS
F2-C	BRAKER 30A TYPE	2011948C1	IGNITION RELAY FEED
F2-D	FUSE 20 AMP	0131224C1	TURN SIGNAL AND HAZARD FLASHER LIGHTS
F3-A	FUSE 20 AMP	0131224C1	TRAILER MARKER AND IDENTIFICTION LIGHTS
F3-B	FUSE 20 AMP	0131224C1	TRACTOR STOP LIGHTS
F3-C	FUSE 30 AMP	057169IC1	TRAILER TAIL AND CLEARANCE LIGHTS &F8-C
F3-D	FUSE 10 AMP	0131222C1	TRAILER TAIL &CLEAR, MARKER & IDENTIFICATION LIGHTS RELAY
F4-A	FUSE 10 AMP	0131222C1	IGN-INSTRUMENTS
F4-B	FUSE 25 AMP	0131225C1	ACCESSORY FEED
F4-C	FUSE/BREAKER	-	SPARE 2 (B+) - ADD RELAY TO USE FOR IGN OR ACC
F4-D	FUSE/BREAKER	-	SPARE 1 (B+) - ADD RELAY TO USE FOR IGN OR ACC
F5-A	FUSE/BREAKER	-	SPARE (WAS HEATED/MOTORIZED MIRRORS/DEFROSTER FAN)
F5-B	FUSE 10 AMP	0131222C1	RADIO/CB
F5-C	FUSE 15 AMP	0509080C1	RADIO MEMORY CIRCUIT-HORN
F5-D	FUSE 20 AMP	0131224C1	SPARE (WAS BATTERY POWER SORCE)
F6-A	FUSE/BREAKER	-	DIAGNOSTIC DATA LINK
F6-B	BREAKER 15A TYPE	2007464C1	WINDSHIELD-ELECTRIC WIPER/WASHER
F6-C	BREAKER 10A TYPE	2007463C1	HEAD LIGHT SWITCH RELAY
F6-D	BREAKER 20A TYPE	2007465C1	HEAD LIGHT FEED
F7-A	FUSE 25 AMP	0131225C1	KEY SWITCH CIRCUIT & RELATED RELAYS FOR IGN & ACC
F7-B	FUSE 15 AMP	0509080C1	TRAILER LEFT TURN LIGHTS & INDICATOR BULB
F7-C	FUSE 15 AMP	0509080C1	TRAILER RIGHT TURN LIGHTS & INDICATOR BULB
F7-D	FUSE 30 AMP	057169IC1	TRAILER STOP LIGHTS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
21MAY06		REVISED & REDRAWN.	A	5938IN	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 / PART NO. AE08-52483 / SHEET 01

Figure 507 Fuse and Circuit Breaker Location

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

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14

FUSE AND CIRCUIT BREAKER LOCATION (CONTINUED)

LOCATION	DEVICE	PART NO	DESCRIPTION
F8-A	FUSE/BREAKER	-	SPARE (WAS ANTILOCK BRAKES POWER RELAY-D2 (WABCO))
F8-B	FUSE/BREAKER	-	SPARE (WAS ANTILOCK BRAKES BATTERY FEED (BENDIX))
F8-C	FUSE 15 AMP	0509080C1	LIGHTS PANEL-MIRROR,CAB CLEAR,TRACTOR PARK & TAIL
F8-D	FUSE 25 AMP	0131225C1	SLEEPER-MAIN BATTERY POWER
F9-A	FUSE/BREAKER	-	WIPER/WASH ACCESSORY
F9-B	FUSE/BREAKER	-	RIGHT SIDE POWER WINDOW
F9-C	FUSE/BREAKER	-	LEFT SIDE POWER WINDOW
F9-D	FUSE/BREAKER	-	TACHOGRAPH
F10-A	FUSE 10 AMP	-	TACHOGRAPH
F10-B	FUSE/BREAKER	-	TV/VCR POWER FEED
F10-C	FUSE/BREAKER	-	FOG LIGHTS
F10-D	FUSE/BREAKER	-	-
F11-A	FUSE/BREAKER	-	-
F11-B	FUSE/BREAKER	-	-
F11-C	FUSE/BREAKER	-	-
F11-D	FUSE/BREAKER	-	-
F12-A	FUSE/BREAKER	-	-
F12-B	FUSE/BREAKER	-	-
F12-C	FUSE/BREAKER	-	-
F12-D	FUSE/BREAKER	-	-
F13-A	FUSE/BREAKER	-	-
F13-B	FUSE/BREAKER	-	-
F13-C	FUSE/BREAKER	-	-
F13-D	FUSE/BREAKER	-	-
R1	RELAY,SUPPRESSED	-	IGNITON
R2	RELAY,SUPPRESSED	-	HIGH SPEED FAN #1
R3	RELAY,SUPPRESSED	-	MEDIUM SPEED FAN #1
R4	RELAY,SUPPRESSED	-	HEADLIGHT
R5	RELAY,SUPPRESSED	-	HEATER CONTROL
R6	RELAY,SUPPRESSED	-	AIR CONDITIONER
R7	RELAY,SUPPRESSED	-	HORN
R8	RELAY,SUPPRESSED	-	TRAILER MARKER
R9	RELAY,SUPPRESSED	-	TRAILER TAIL
R10	RELAY,SUPPRESSED	-	TRAILER STOP
R11	RELAY,SUPPRESSED	-	LEFT TURN
R12	RELAY,SUPPRESSED	-	RIGHT TURN
R13	-	-	WIPER LOW SPEED
R14	-	-	WIPER HIGH SPEED
R15	-	-	A1 ACCESSORY ADAPTER
R16	-	-	A/C CONTROL
R17	-	-	RIGHT SIDE POWER WINDOW
R18	-	-	LEFT SIDE POWER WINDOW
R19	-	-	FOG LIGHTS
R20	-	-	TURN SIGNAL MOUNTED DIMMER
R21	-	-	-
R22	-	-	-
R23	-	-	-
R24	-	-	-
R25	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
2MAY06		REVISED & REDRAWN.	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 · PART NO. AE08-52483 · SHEET 02

Figure 508 Fuse and Circuit Breaker Location (Cont.)

28.3. FUSE AND CIRCUIT BREAKER LOCATION (CONT.), P. 3

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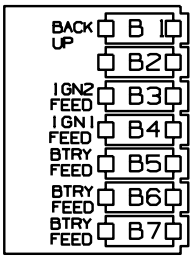
ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14

FUSE AND CIRCUIT BREAKER LOCATION (CONTINUED)



CIRCUIT BREAKER PANEL (LOCATED IN MAGNETIC SWITCH BOX BEHIND (CAB-LEFT SIDE)

LOCATION	DEVICE	PART NO	DESCRIPTION
B1	-	-	NOT USED
B2	-	-	CIRCUIT BREAKER, 15 AMP-(BACK-UP LIGHTS)
B3	-	-	NOT USED
B4	-	-	CIRCUIT BREAKER, 15 AMP-(AIR DRYER)
B5	-	-	NOT USED
B6	-	-	NOT USED
B7	-	-	NOT USED

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
2MMAY06		REVISED & REDRAWN.	A	59381N	U00BWB4	CO-9800-RHD CIRCUIT DIAGRAMS
					RELEASE NO. P52887F	DATE 15JAN99 / PART NO. AE08-52483 / SHEET 03

Figure 509 Fuse and Circuit Breaker Location (Cont.)