

SERVICE MANUAL

SERVICE MANUAL SECTION

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

Model: LoneStar

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**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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2.1. ABBREVIATIONS, P. 1

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM

ABBREVIATIONS

CHAPTER 2

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
ACCESS	ACCESSORY	CUR	CURRENT	PRESS	PRESSURE
AC	AIR CONDITIONING	DPNL	DASHBOARD	RAD	RADIO
AIR CLNR	AIR CLEANER	DFTR	DEFLECTOR	RR	REAR
ALT	ALTERNATOR	DFR	DEFROSTER	RLY	RELAY
AC	ALTERNATING CURRENT	DEG	DEGREE	RES	RESISTOR
AFTR	AFTERTREATMENT	DIAG	DIAGRAM	R	RIGHT
AMM	AMMETER	DSL	DIESEL	RTR	ROTOR
AMP	AMPERE	DIFF	DIFFERENTIAL	SNSR	SENSOR
AMP HR	AMPERE HOUR	DIMR	DIMMER	SHLD	SHIELD
AMPL	AMPLIFIER	ELEC	ELECTRICAL	SHFT	SHIFTER
ARM	ARMATURE	ELEX	ELECTRONICS	SLPR	SLEEPER
ARSR	ARRESTER	ENG	ENGINE	SLV	SLEEVE
ASSY	ASSEMBLY	EXH	EXHAUST	SPKR	SPEAKER
AUX	AUXILIARY	FL	FLUID	SPR	SPRING
B/U	BACK-UP	FWD	FORWARD	STD	STANDARD
BTRY	BATTERY	FR	FRONT	STRG	STEERING
BM	BENCHMARKING	FREQ	FREQUENCY	STLITE	SATELLITE
BLK	BLOCK	GA	GAUGE	SUNSH	SUNSHADE
BOOS	BOOSTER	GEN	GENERATOR	SW	SWITCH
BOT	BOTTOM	GND	GROUND	SYS	SYSTEM
BK	BRAKE	HARN	HARNESS	TACH	TACHOMETER
BRKR	BREAKER	HDLP	HEADLAMP	TEMP	TEMPERATURE
BRTHR	BREATHER	HTD	HEATED	TERM	TERMINAL
BRI	BRIGHT	HT TR	HEAT TREAT	THROT	THROTTLE
BUZ	BUZZER	HTR	HEATER	THRU	THROUGH
CA	CABLE	HP	HORSEPOWER	TRLR	TRAILER
CD	CANDELA	HYD	HYDRAULIC	XDCR	TRANSDUCER
CP	CANDLEPOWER	ID	IDENTIFICATION	XFER	TRANSFER
CAP	CAPACITOR	IGN	IGNITION	XFMR	TRANSFORMER
CAT	CATERPILLAR	ILLUM	ILLUMINATION	XSTR	TRANSISTOR
CHAS	CHASSIS	IND	INDICATOR	XMSN	TRANSMISSION
CH	CHOKE	INST	INSTRUMENT	XMTR	TRANSMITTER
CIRC	CIRCUIT	INT	INTERMITTENT	TRK	TRUCK
CLK	CLOCK	L	LEFT	UPR	UPPER
CW	CLOCKWISE	LT	LIGHT	VLV	VALVE
CLSTR	CLUSTER	LTR	LIGHTER	VERT	VERTICAL
CL	CLUTCH	LWR	LOWER	VM	VOLTMETER
COL	COLUMN	MAG	MAGNET	VOL	VOLUME
COMM	COMMUTATOR	MOD	MODULATOR	WSHR	WASHER
COMPNT	COMPONENT	MDL	MODULE	WHL	WHEEL
CPRSR	COMPRESSOR	MOT	MOTOR	WDO	WINDOW
CONN	CONNECT	MTD	MOUNTED	WSHLD	WINDSHIELD
CONT	CONTINUED	NEG	NEGATIVE	WPR	WIPER
CSL	CONSOLE	N/	NOT WITH	W/	WITH
CONT	CONTACT	NO.	NUMBER	W/O	WITHOUT
CONT	CONTROL	PASS	PASSENGER		
CONV	CONVERTER	POSN	POSITION		
CLR	COOLER	POS	POSITIVE		
CTSY	COURTESY	POT	POTENTIOMETER		
CRUS	CRUISE	PWR	POWER		

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	TITLE WAS CIRCUIT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
		DIAGRAM, PROSTAR			59637L	
					31AUG06	AE08055894
						001

Figure 1 Abbreviations

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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2.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3

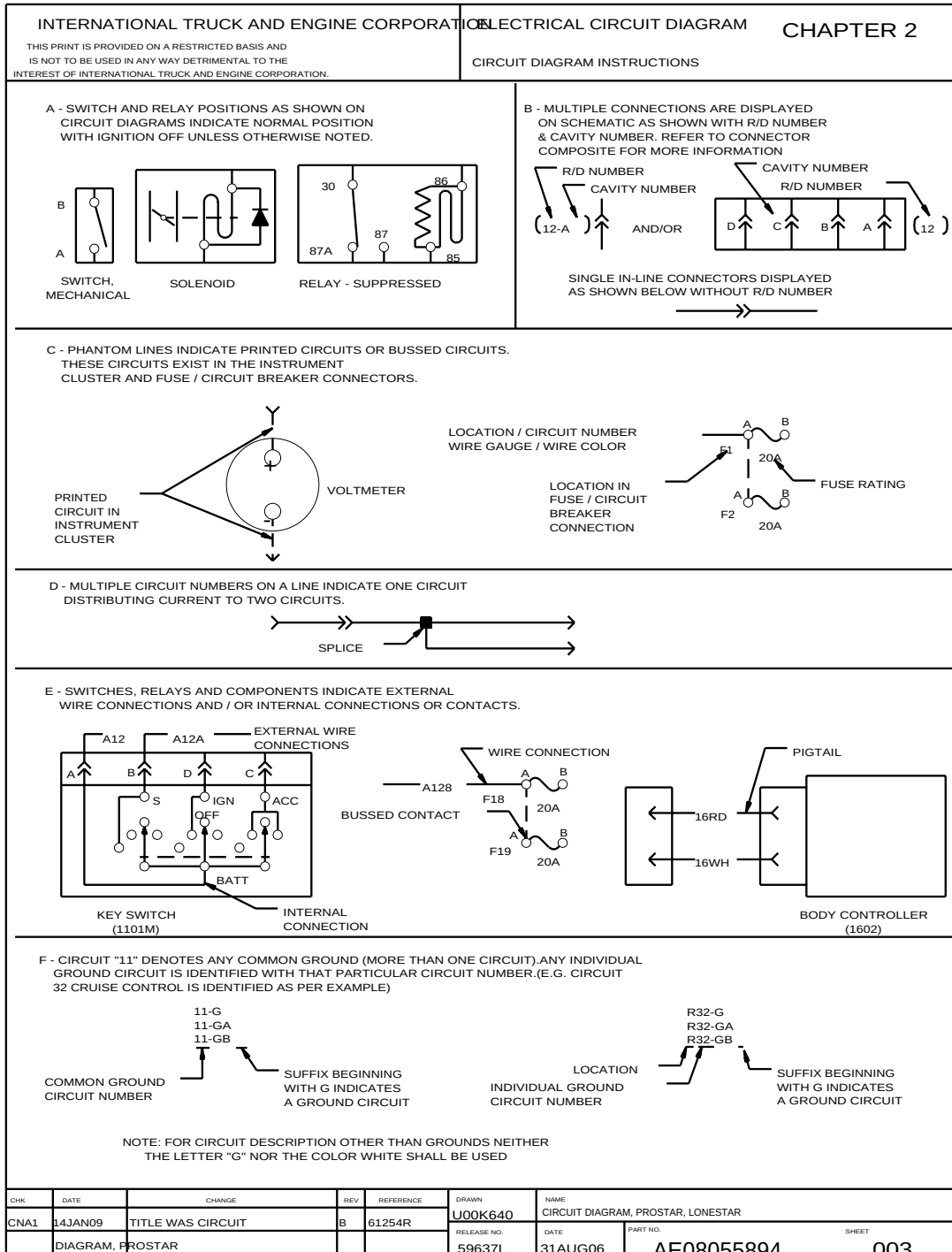


Figure 3 Circuit Diagram Instructions

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

2.4. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 4

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM

CIRCUIT NUMBER IDENTIFICATION AND COLOR

CHAPTER 2

CIRCUIT NUMBER	COLOR	DESCRIPTION
1	LTBL	ALTERNATOR - FIELD
2	RD	ALTERNATOR - CHARGE
3	DKBL	SERIAL / DATA COMMUNICATION J1587 / J1708 (+)
	GY	SERIAL / DATA COMMUNICATION J1587 / J1708 (-)
4	DKBL	SERIAL / DATA COMMUNICATION J1922 (+)
	GY	SERIAL / DATA COMMUNICATION J1922 (-)
5	YL	SERIAL / DATA COMMUNICATION J1939/11 / J1939/15 (+)
	GN	SERIAL / DATA COMMUNICATION J1939/11 / J1939/15 (-)
6	GY	LOW VOLTAGE ELECTRONIC FEED (LESS THAN 9 VOLTS)
7	RD	ALTERNATOR - RESISTANCE
8		
9	GY	LOW VOLTAGE ELECTRONIC GROUND
10	WH	CHASSIS / ENGINE GROUND
11	WH	CAB / SLEEPER GROUND
12	LTBL	ACCESSORY FEED
13	PK	IGNITION FEED
	BK	IGNITION FEED (BODY BUILDER CONNECTOR)
14	RD	BATTERY FEED
15	RD	KEY SWITCH FEED
16		
17	PK	STARTER CONTROL
18	PK	GLOW PLUG / PREHEATER
19	GY	ENGINE SHUTDOWN
20	LTGN	REMOTE POWER MODULE
21	TN	COLD START CONTROLS (ETHER)
22	TN	TIRE PRESSURE MONITORING / CONTROL
23	TN	ENGINE FAN / SHUTTERS
24	GY	ENGINE EXHAUST BRAKE
25	TN	PYROMETER
26	TN	AMMETER
27	TN	VOLTMETER
28	TN	INSTRUMENTS AND 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	GY	LIFT AXLE
39	GY	AIR DRYER HEATER
40	GY	LOW AIR PRESSURE WARNING

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	20JAN09	TITLE WAS CIRCUIT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
		DIAGRAM, PROSTAR			RELEASE NO. 59637L	DATE 31AUG06
						PART NO. AE08055894
						SHEET 004

Figure 4 Circuit Number Identification and Color

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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2.5. CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT.), P. 5

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM

CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT)

CHAPTER 2

CIRCUIT NUMBER	COLOR	DESCRIPTION
41	TN	AIR TEMPERATURE
42	GY	FRONT AXLE ENGAGED
43	GY	POWER DIVIDER LOCK (PDL) WARNING
44	GY	PARK BRAKE WARNING
45	LTGN	ANTITHEFT WARNING
46	GY	POWER TAKEOFF WARNING
47	GY	SPEEDOMETER
48	GY	TACHOMETER
49	GY	DIFFERENTIAL LOCK WARNING
50	YL	LIGHT SWITCH FEED
51	YL	DIMMER SWITCH FEED
52	YL	HEADLIGHT HI - BEAM
53	YL	HEADLIGHT LO - BEAM
54	BN	PARKING / MARKER 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
	LTGN	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 LIGHT
67	GY	OBSTACLE AVOIDANCE / REMOTE SENSOR
68	BN	TAIL LIGHTS
69	BN	LICENSE PLATE LIGHT
70	OR	STOP LIGHTS
	RD	STOP LIGHTS (BODY BUILDER CONNECTION)
71	OR	BACKUP - LIGHTS
	LTBL	BACKUP - 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

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	TITLE WAS CIRCUIT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
	DIAGRAM, PROSTAR				RELEASE NO.	DATE
					59637L	31AUG06
						PART NO.
						AE08055894
						SHEET
						005

Figure 5 Circuit Number Identification and Color (Cont.)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

2.6. CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT.), P. 6

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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INTERNATIONAL TRUCK AND ENGINE CORPORATION

ELECTRICAL CIRCUIT DIAGRAM

CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT)

CHAPTER 2

CIRCUIT NUMBER	COLOR	DESCRIPTION
81	LTGN	POWER DOOR LOCKS
82	GY	WINDSHIELD WIPER
83	LTGN	POWER WINDOWS
84	LTGN	CIGAR LIGHTER
85	GY	HORN
86	LTGN	RADIO - ENTERTAINMENT / CLOCK
87	GY	WINDSHIELD WASHER
88	LTGN	CLOCK / HOURMETER
89	VT	AIR BAG
90	GY	HYDRAULIC BRAKE PUMP
91	VT	INTERCOMMUNICATION
92	TN	TRANSMISSION CONTROLS - ELECTRONICS
93	TN	AXLE SHIFT CONTROL
94	GY	ANTILOCK BRAKE SYSTEM
95	TN	EXHAUST EMISSION
96	YL	SNOW PLOW LIGHTS / CRUISE CONTROLS
97	VT	ENGINE CONTROLS - ELECTRONIC
98	BK	DATALINK AND DIAGNOSTICS
99	VT	ACCELERATOR POSITION SENSOR (APS)
100	GY	AIR HORN (ELECTRIC SOLENOID ACTUATED)
101	TN	BRAKE APPLICATION AIR
102	YL	FLASH TO PASS
103	LTGN	BODY BUILDER AUXILIARY FEED
104	DKBL	REMOTE START / STOP
105	LTGN	HEATED SEATS
106	OR	HIGH VOLTAGE ALTERNATOR AC CHARGE
107	GY	INTRUMENT CLUSTER ELECTRONIC FEED (5V)
108	GY	BRAKE PAD WEAR SENSOR
109	GY	BRAKE STROKE / SLACK ADJUSTER
110	GY	INTRUMENT CLUSTER ELECTRONIC GROUND
111	TN	FUEL FILTER RESTRICTION TRANSDUCER
112	GY	LIFT GATE

PREFIX	LOCATION
A	CAB - INSTRUMENT PANEL MODULE
B	CAB - DRIVER CONTROL MODULE
C	CAB - HEADER / CLEARANCE LIGHTS
D	CAB - ROOF / REAR PANEL
E	CAB - LEFT DOOR / DOORS
F	CAB - RIGHT DOOR / DOORS
H	CAB - SLEEPER
J	CAB - DASH (OUTSIDE)
K	ENGINE / RADIATOR
L	TRANSMISSION
M	CHASSIS / FRONT END (CAB DASH PANEL FORWARD)
N	CHASSIS / CENTER SECTION (CAB DASH PANEL TO CAB REAR XMBR)
P	CHASSIS / WHEEL BASE SECTION
R	CHASSIS / SUSPENSION / REAR AXLE / AXLES
S	CHASSIS / AF SECTION / STOP / TAIL / TURN LIGHTS
T	TRAVEL DOORS
U	HOOD MTD HEADLIGHTS / MARKER LIGHTS
V	SLEEPER ROOF / BACK PANEL WIRING
W	WARDROBE CABINET WIRING

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	TITLE WAS CIRCUIT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
		DIAGRAM, PROSTAR			59637L	31AUG06

RELEASE NO.	DATE	PART NO.	SHEET
59637L	31AUG06	AE08055894	006

Figure 6 Circuit Number Identification and Color (Cont.)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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2.7. LAMP BULB CHART, P. 7

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2																																																																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				LAMP BULB CHART																																																																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">BULB APPLICATION</th> <th style="text-align: center;">CANDLE POWER OR WATT</th> <th style="text-align: center;">BULB TRADE NUMBER</th> </tr> </thead> <tbody> <tr><td>BACK-UP LIGHT (SUPER 40)</td><td style="text-align: center;">32 CP</td><td style="text-align: center;">TL40204</td></tr> <tr><td>CLEARANCE & IDENTIFICATION</td><td style="text-align: center;">3 CP</td><td style="text-align: center;">N/A</td></tr> <tr><td>COURTESY LIGHT</td><td style="text-align: center;">2 CP</td><td style="text-align: center;">193</td></tr> <tr><td>CAB DOME LIGHT</td><td style="text-align: center;">12 WATT</td><td style="text-align: center;">211-2</td></tr> <tr><td>SLEEPER DOME LIGHT (FLUORESCENT)</td><td style="text-align: center;">15 WATT</td><td style="text-align: center;">F15T8CW</td></tr> <tr><td>FOG LIGHT</td><td style="text-align: center;">100 WATT</td><td style="text-align: center;">4921-1</td></tr> <tr><td>MAP LIGHT</td><td style="text-align: center;">3 CP</td><td style="text-align: center;">211-2</td></tr> <tr><td>SIDE MARKER / TURN LIGHT</td><td style="text-align: center;">27 WATT</td><td style="text-align: center;">3156</td></tr> <tr><td>STOP, TURN AND TAIL LIGHT (SUPER 40)</td><td style="text-align: center;">32/2 CP</td><td style="text-align: center;">TL40248R</td></tr> <tr><td>HEADLIGHTS, HIGH BEAM</td><td style="text-align: center;">65 WATT</td><td style="text-align: center;">9005</td></tr> <tr><td>HEADLIGHTS, LOW BEAM</td><td style="text-align: center;">55 WATT</td><td style="text-align: center;">9006</td></tr> <tr><td>FRONT MARKER / TURN LIGHT</td><td style="text-align: center;">27 / 8 WATT</td><td style="text-align: center;">3357AK</td></tr> <tr><td>SIDE MARKER (FRONT)</td><td style="text-align: center;">4 WATT</td><td style="text-align: center;">194</td></tr> <tr><td>LICENSE PLATE LIGHT (SUPER 40)</td><td style="text-align: center;">2 CP</td><td style="text-align: center;">TL1508</td></tr> <tr><td>BOC WORK LIGHT (DAY CAB)</td><td style="text-align: center;">35 WATT</td><td style="text-align: center;">4411</td></tr> <tr><td>WORK LIGHTS (IN SLEEPER BACK PANEL)</td><td style="text-align: center;">15 CP</td><td style="text-align: center;">1003</td></tr> <tr><td>LUGGAGE COMPARTMENT LIGHT</td><td style="text-align: center;">12 WATT</td><td style="text-align: center;">211-2</td></tr> <tr><td>READING LIGHT</td><td style="text-align: center;">15 CP</td><td style="text-align: center;">912</td></tr> <tr><td>ACCENT LIGHT</td><td style="text-align: center;">12 WATT</td><td style="text-align: center;">211-2</td></tr> <tr><td>SLEEPER FLOOR LIGHT</td><td style="text-align: center;">2 CP</td><td style="text-align: center;">193</td></tr> <tr><td>CABINET / WARDROBE LIGHT</td><td style="text-align: center;">5 WATT</td><td style="text-align: center;">7575</td></tr> </tbody> </table>								BULB APPLICATION	CANDLE POWER OR WATT	BULB TRADE NUMBER	BACK-UP LIGHT (SUPER 40)	32 CP	TL40204	CLEARANCE & IDENTIFICATION	3 CP	N/A	COURTESY LIGHT	2 CP	193	CAB DOME LIGHT	12 WATT	211-2	SLEEPER DOME LIGHT (FLUORESCENT)	15 WATT	F15T8CW	FOG LIGHT	100 WATT	4921-1	MAP LIGHT	3 CP	211-2	SIDE MARKER / TURN LIGHT	27 WATT	3156	STOP, TURN AND TAIL LIGHT (SUPER 40)	32/2 CP	TL40248R	HEADLIGHTS, HIGH BEAM	65 WATT	9005	HEADLIGHTS, LOW BEAM	55 WATT	9006	FRONT MARKER / TURN LIGHT	27 / 8 WATT	3357AK	SIDE MARKER (FRONT)	4 WATT	194	LICENSE PLATE LIGHT (SUPER 40)	2 CP	TL1508	BOC WORK LIGHT (DAY CAB)	35 WATT	4411	WORK LIGHTS (IN SLEEPER BACK PANEL)	15 CP	1003	LUGGAGE COMPARTMENT LIGHT	12 WATT	211-2	READING LIGHT	15 CP	912	ACCENT LIGHT	12 WATT	211-2	SLEEPER FLOOR LIGHT	2 CP	193	CABINET / WARDROBE LIGHT	5 WATT	7575
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CNA1	14JAN09	TITLE WAS CIRCUIT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																																			
		DIAGRAM, PROSTAR			59637L	DATE	PART NO.																																																																		
						31AUG06	AE08055894																																																																		
							SHEET 007																																																																		

Figure 7 Lamp Bulb Chart

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

2.8. RELAY FUNCTION AND WIRING GUIDE, P. 8

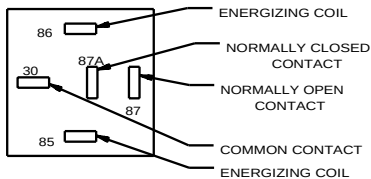
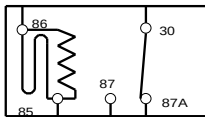
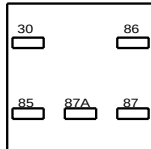
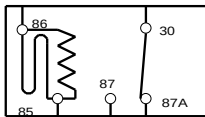
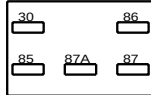
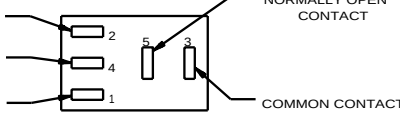
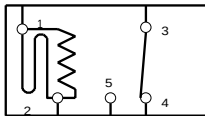
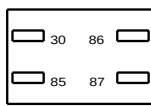
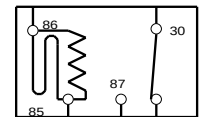
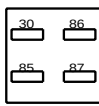
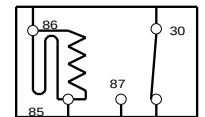
INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					RELAY FUNCTION AND WIRING GUIDE			
RELAY VIEWED FROM INSERTION END					RELAY SCHEMATIC			
MINIATURE - ISO (1) 								
MINIATURE - 280 (1) 								
MICRO - 280 (1) 								
MICRO - ISO (1) 								
MICRO - 4 PIN (1) 								
MINI MICRO - 4 PIN (2) 								
NOTES :								
1. RELAY CONTAINS A 680 OHM SUPPRESSION RESISTOR								
2. RELAY CONTAINS A 1000 OHM SUPPRESSION RESISTOR								
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
CNA1	14JAN09	TITLE WAS CIRCUIT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR		
DIAGRAM, PROSTAR					RELEASE NO.	DATE	PART NO.	
					59637L	22SEP06	AE08055894	
					008			

Figure 8 Relay Function and Wiring Guide

2.9. SCHEMATIC SYMBOL CHART, P. 9

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2 SCHEMATIC SYMBOL CHART
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SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	AIR DRYER		CIGAR LIGHTER
	ALARM	TYPE 1 TYPE 2 OR 3 	CIRCUIT BREAKER
	ALTERNATOR		DIODE
	AMMETER		DIODE, LIGHT EMITTING
	BATTERY		FAN SOLENOID
	BLUNT CUT CIRCUIT		FEMALE TERMINAL
	BUSBAR		FUSE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	TITLE WAS CIRCUIT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
		DIAGRAM, PROSTAR			RELEASE NO. 59637L	DATE 31AUG06
					PART NO. AE08055804	SHEET 009

Figure 9 Schematic Symbol Chart

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

2.10. SCHEMATIC SYMBOL CHART (CONT.), P. 10

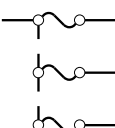
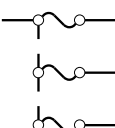
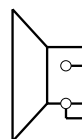
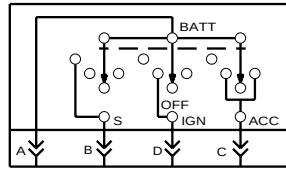
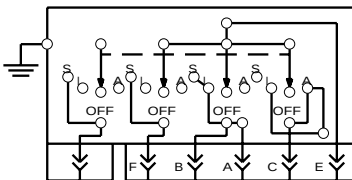
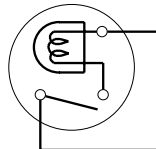
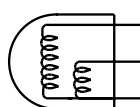
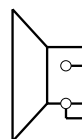
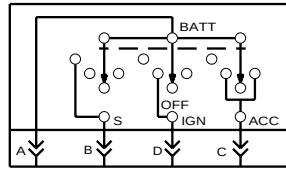
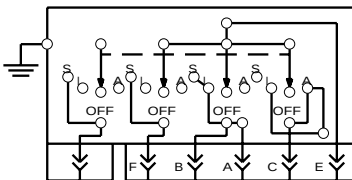
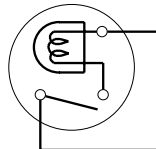
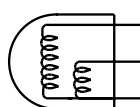
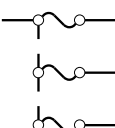
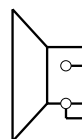
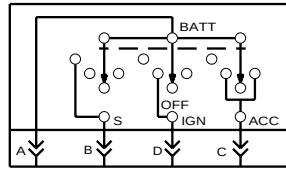
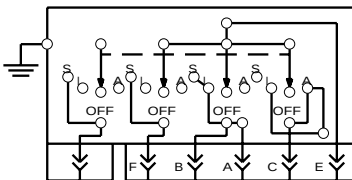
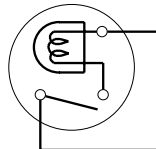
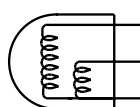
INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2																													
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<table><tr><td>SYMBOL</td><td>DESCRIPTION</td></tr><tr><td></td><td>FUSES W/ BUSBAR</td></tr><tr><td></td><td>FUSIBLE LINK</td></tr><tr><td></td><td>GROUND N/ STUD</td></tr><tr><td></td><td>GROUND W/ STUD</td></tr><tr><td></td><td>HEATER</td></tr><tr><td></td><td>HOLDER, FUSE W/ BUSBAR</td></tr></table>					SYMBOL	DESCRIPTION		FUSES W/ BUSBAR		FUSIBLE LINK		GROUND N/ STUD		GROUND W/ STUD		HEATER		HOLDER, FUSE W/ BUSBAR	<table><tr><td>SYMBOL</td><td>DESCRIPTION</td></tr><tr><td></td><td>HORN</td></tr><tr><td></td><td>KEY SWITCH</td></tr><tr><td></td><td>KEY SWITCH, COMPLEX</td></tr><tr><td></td><td>LIGHT W/ SWITCH</td></tr><tr><td></td><td>LIGHT, DOUBLE FILAMENT</td></tr><tr><td></td><td>LIGHT, SINGLE FILAMENT</td></tr></table>				SYMBOL	DESCRIPTION		HORN		KEY SWITCH		KEY SWITCH, COMPLEX		LIGHT W/ SWITCH		LIGHT, DOUBLE FILAMENT		LIGHT, SINGLE FILAMENT
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					RELEASE NO.	DATE	PART NO.	SHEET																												
		DIAGRAM, PROSTAR			59637L	31AUG06	AE08055894	010																												

Figure 10 Schematic Symbol Chart (Cont.)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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2.11. SCHEMATIC SYMBOL CHART (CONT.), P. 11

INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 2				
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Figure 11 Schematic Symbol Chart (Cont.)

2.12. SCHEMATIC SYMBOL CHART (CONT.), P. 12

INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					SCHEMATIC SYMBOL CHART (CONT)			

Figure 12 Schematic Symbol Chart (Cont.)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3. 12 VOLT POWER DISTRIBUTION CIRCUIT DIAGRAMS (CHAPTER 3)

3.1. BATTERY FEED, P. 1

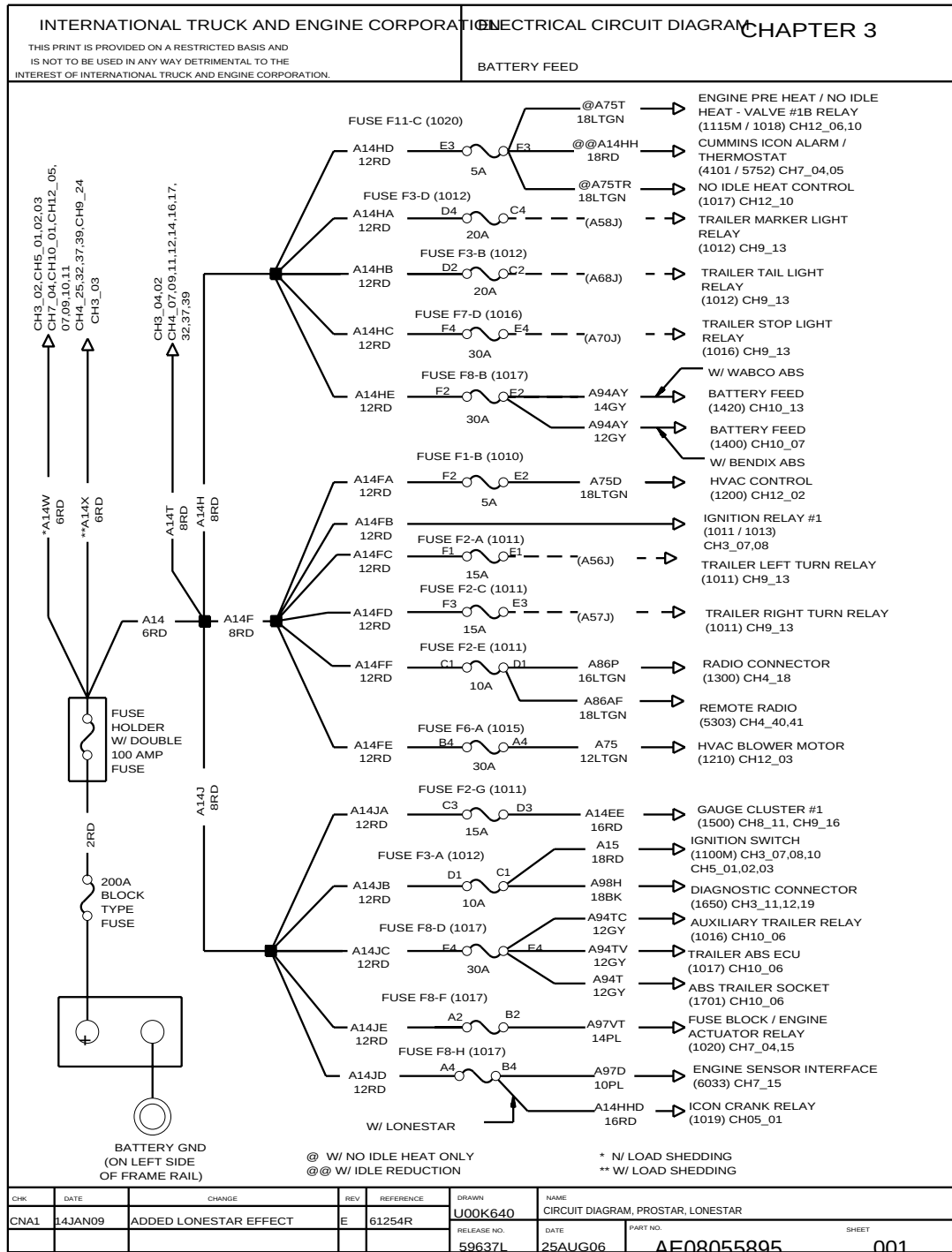


Figure 13 Battery Feed

3.2. BATTERY FEED (CONT.), P. 2

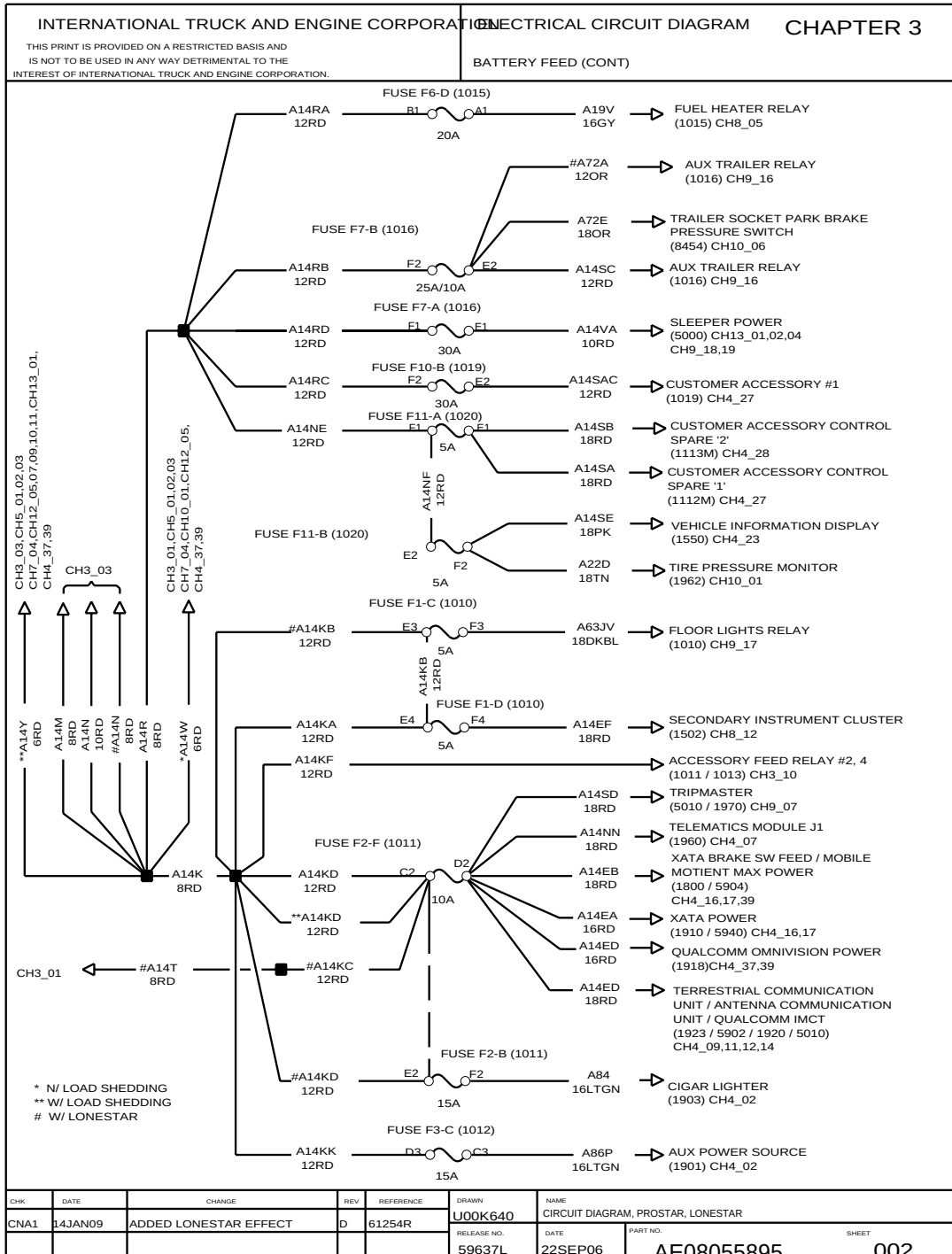


Figure 14 Battery Feed (Cont.)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.3. BATTERY FEED (CONT.), P. 3

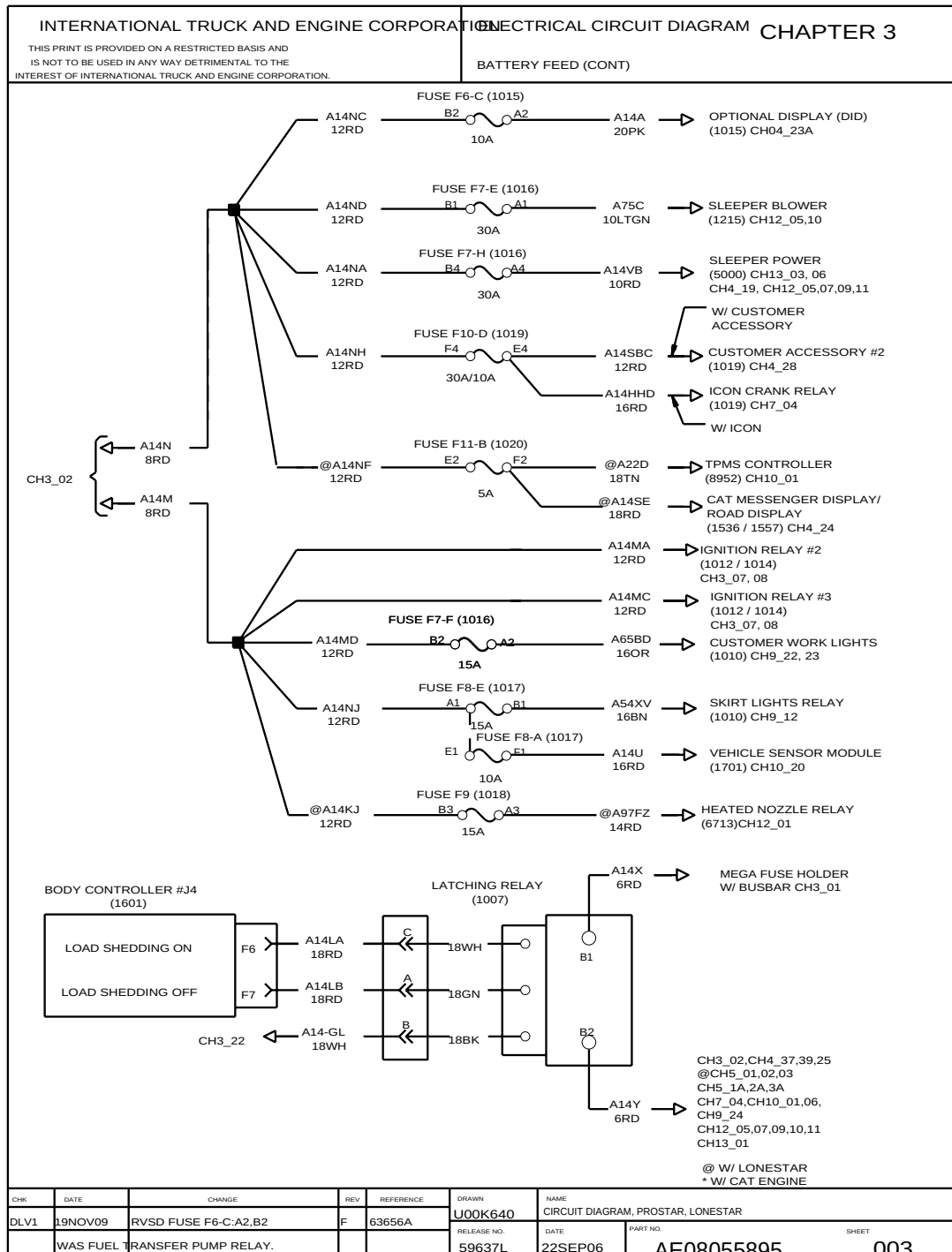


Figure 15 Battery Feed (Cont.)

3.4. BATTERY FEED (CONT.), P. 4

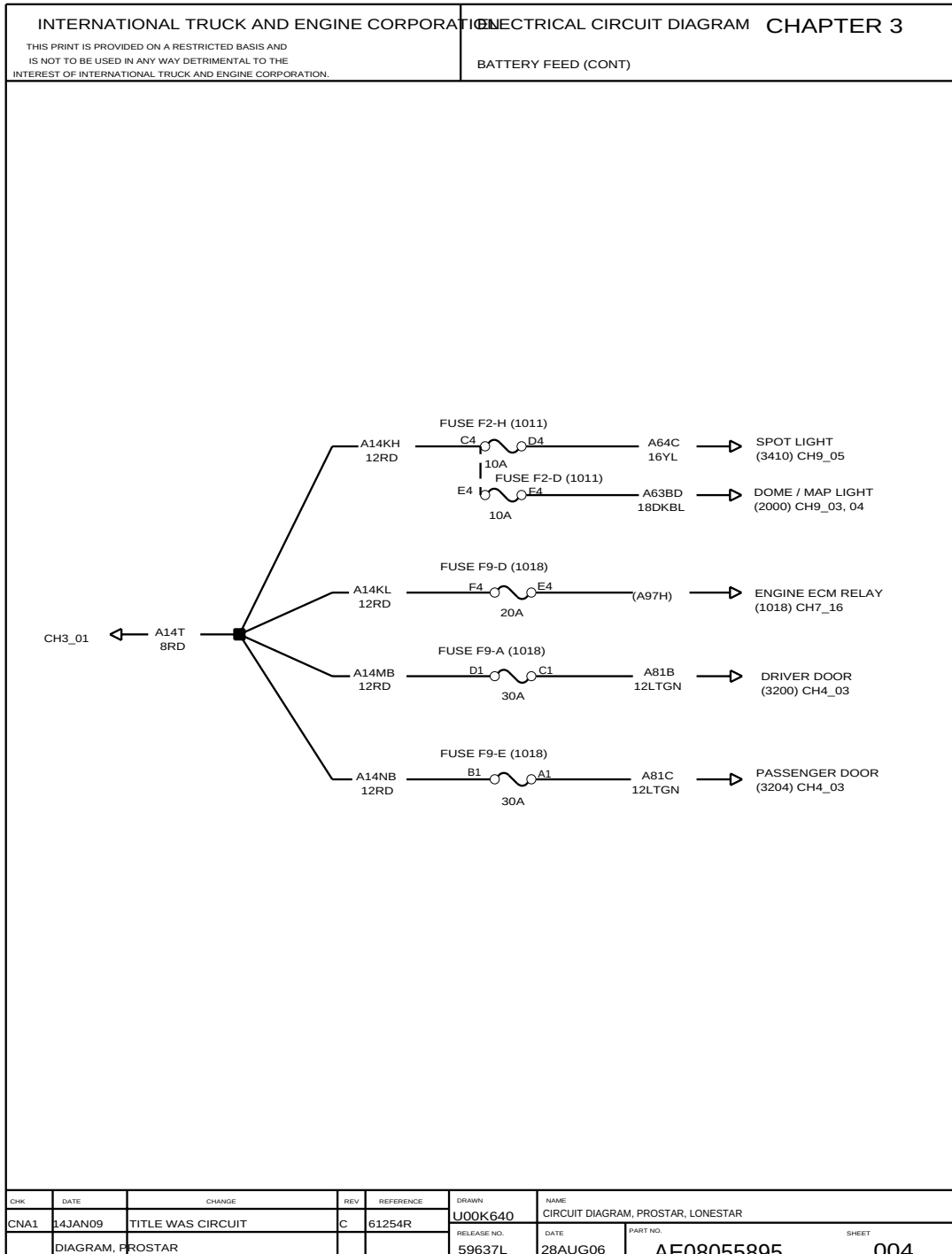


Figure 16 Battery Feed (Cont.)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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3.5. BLANK PAGE, P. 5

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		DIAGRAM, PROSTAR			59637L	DATE	PART NO.
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							SHEET 005

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3.6. BLANK PAGE, P. 6

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		DIAGRAM, PROSTAR			RELEASE NO.	DATE	PART NO.	SHEET	
					59637L	28OCT05	AE08055895	006	

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LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.7. IGNITION FEED — STANDARD AND REMOTE START/STOP, P. 7

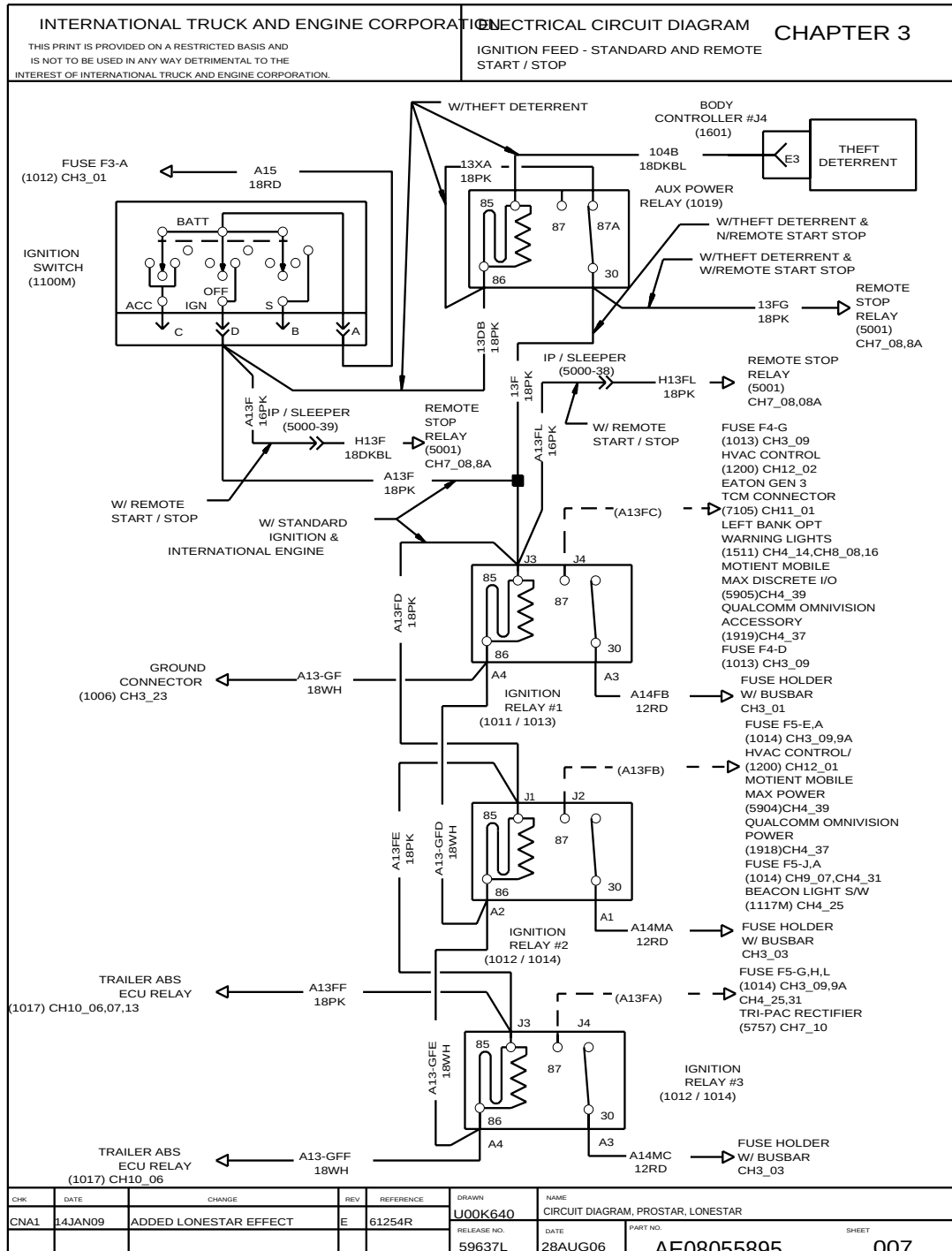


Figure 19 Ignition Feed — Standard and Remote Start/Stop

3.8. IGNITION FEED — ICON, P. 8

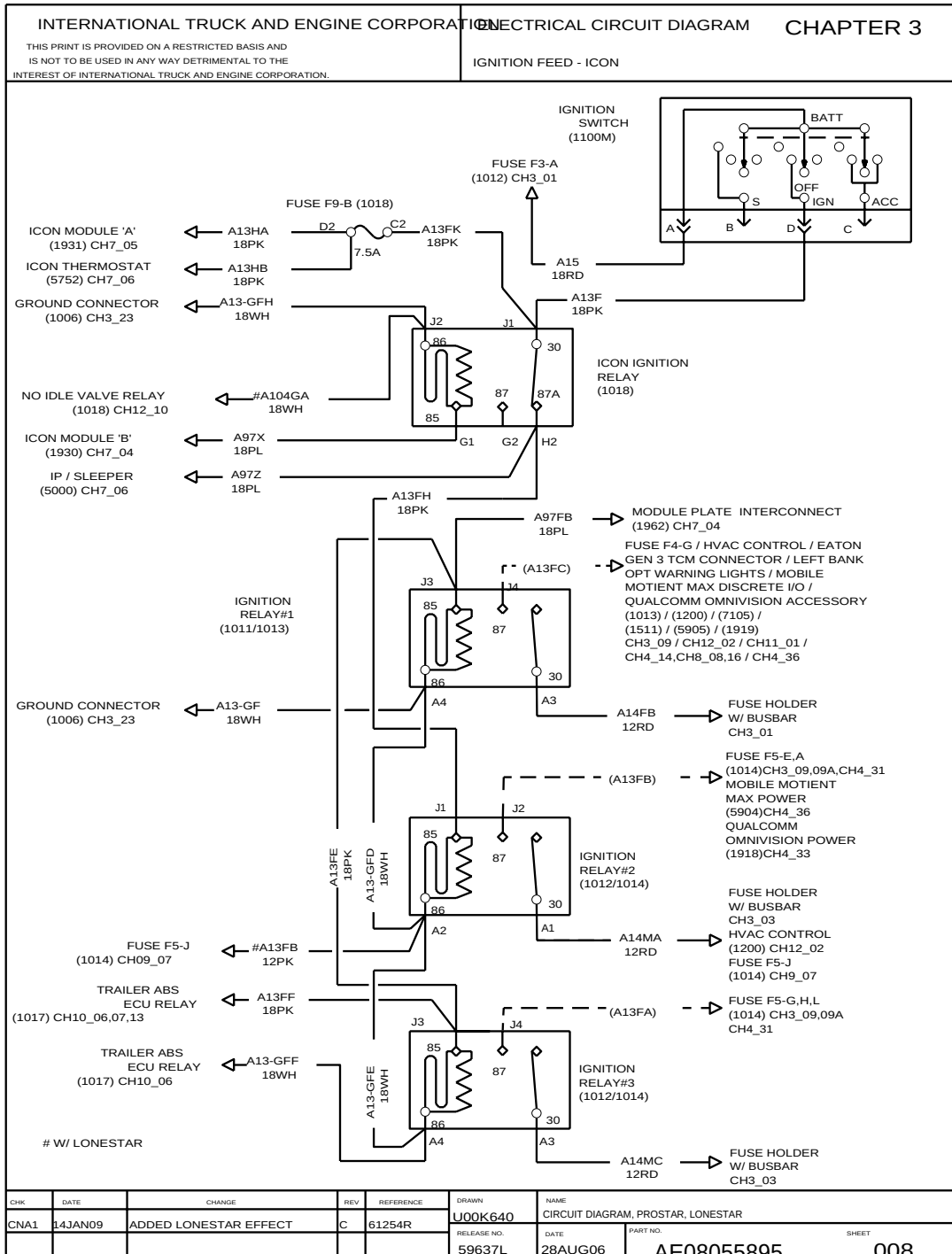


Figure 20 Ignition Feed — ICON

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.9. IGNITION FEED — STANDARD, P. 9

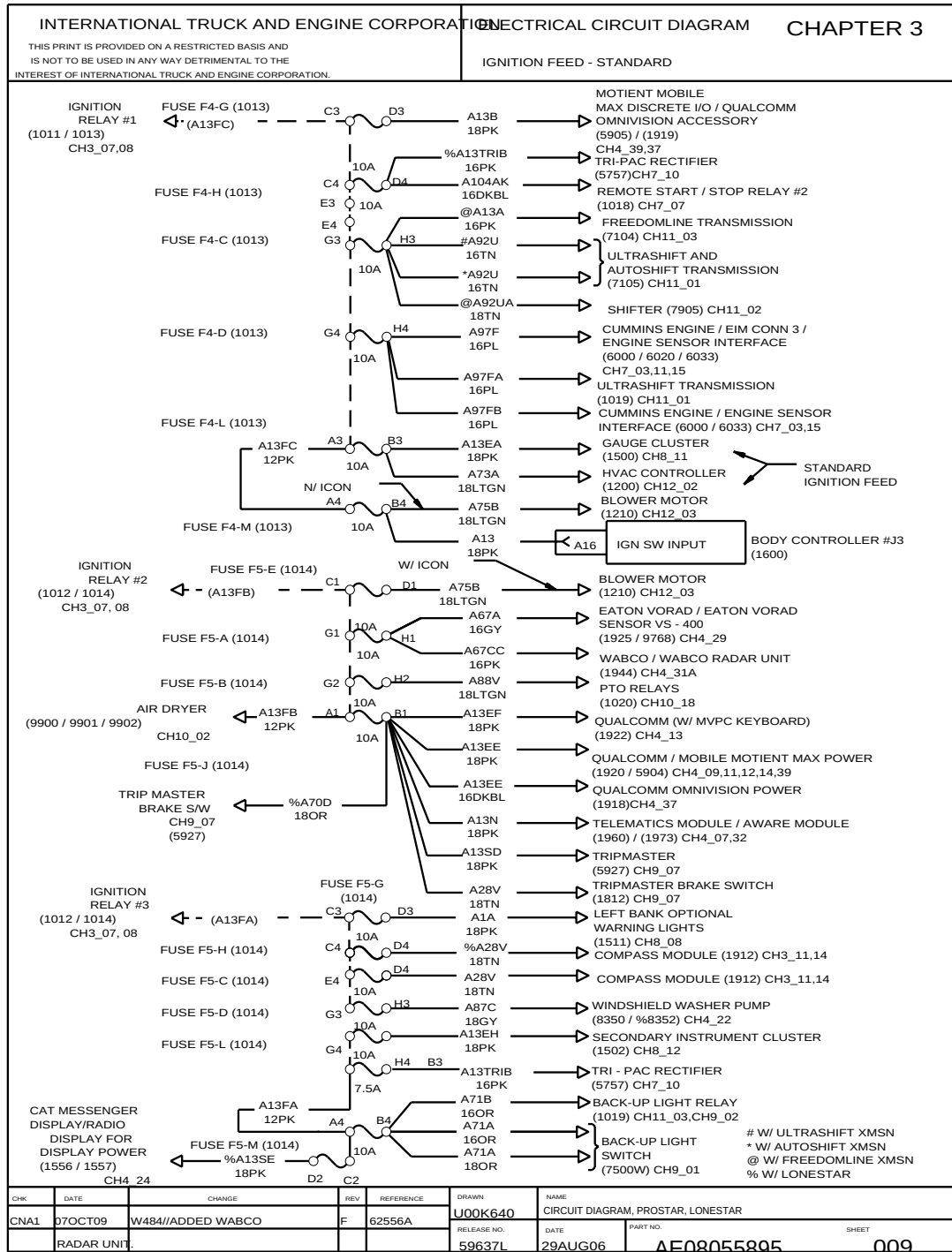


Figure 21 Ignition Feed — Standard

3.10. IGNITION FEED — STANDARD (LONESTAR), P. 9A

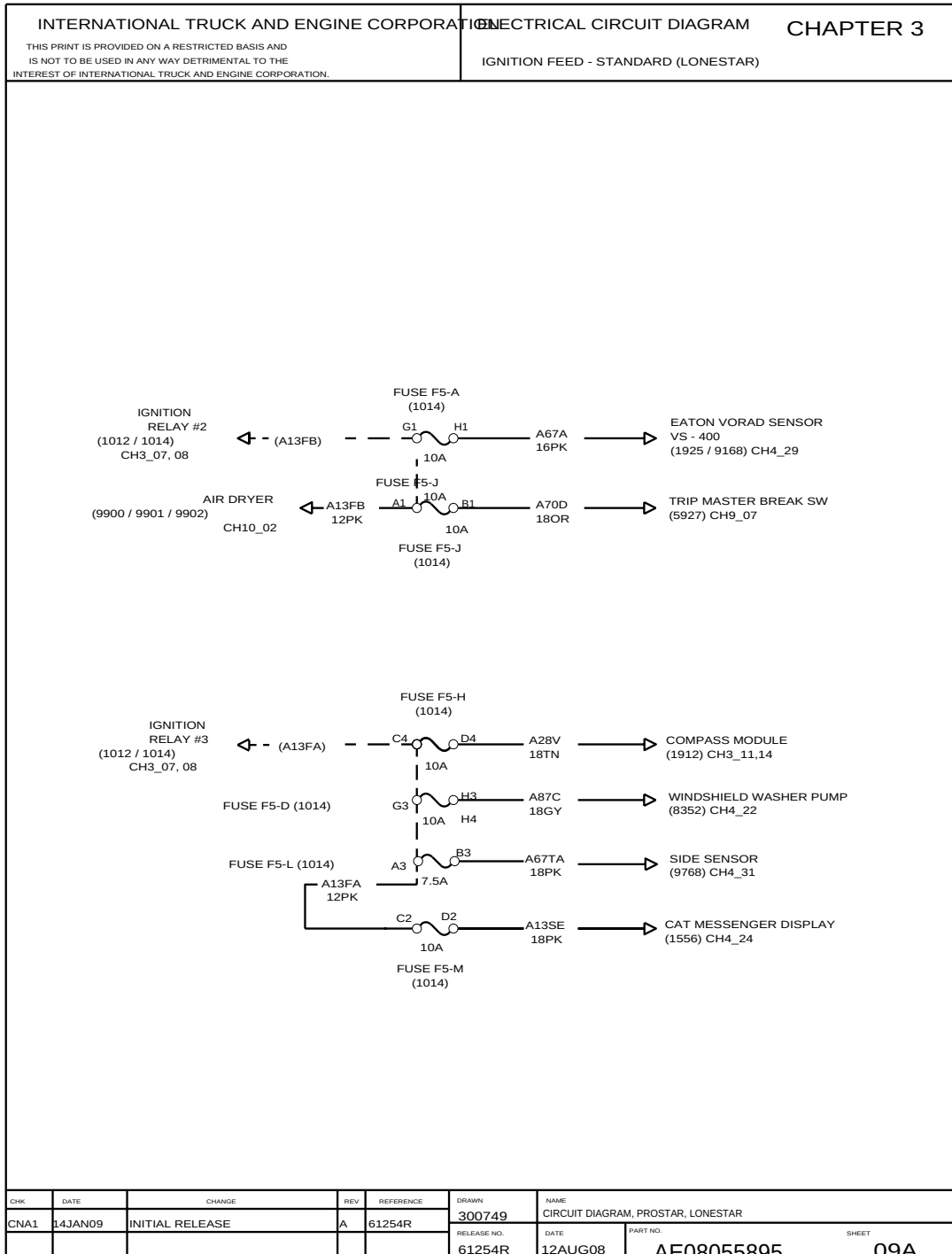


Figure 22 Ignition Feed — Standard (LoneStar)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.11. ACCESSORY FEED, P. 10

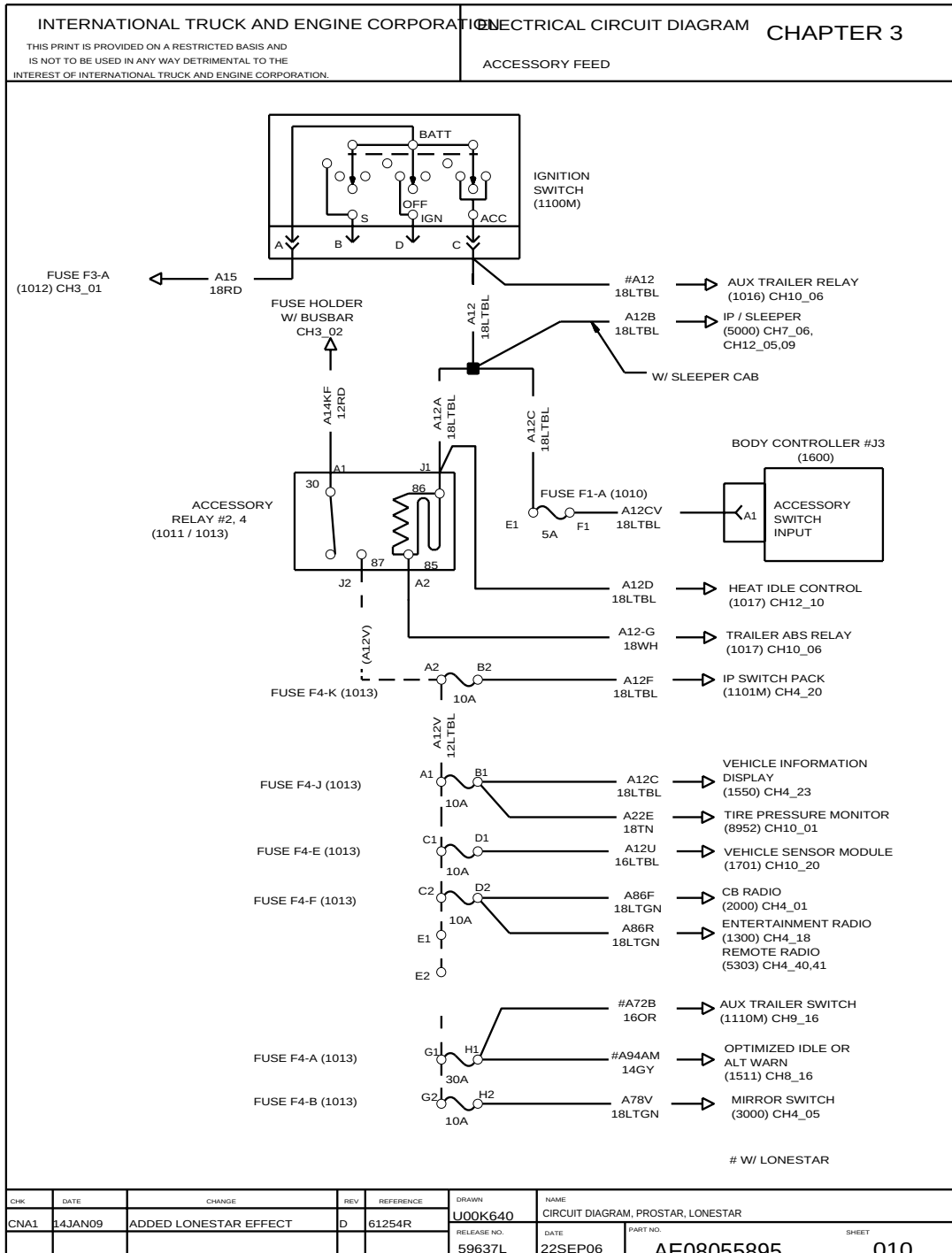


Figure 23 Accessory Feed

3.12. CAB J1939 COMPASS AND ABS EFFECTS, P. 11

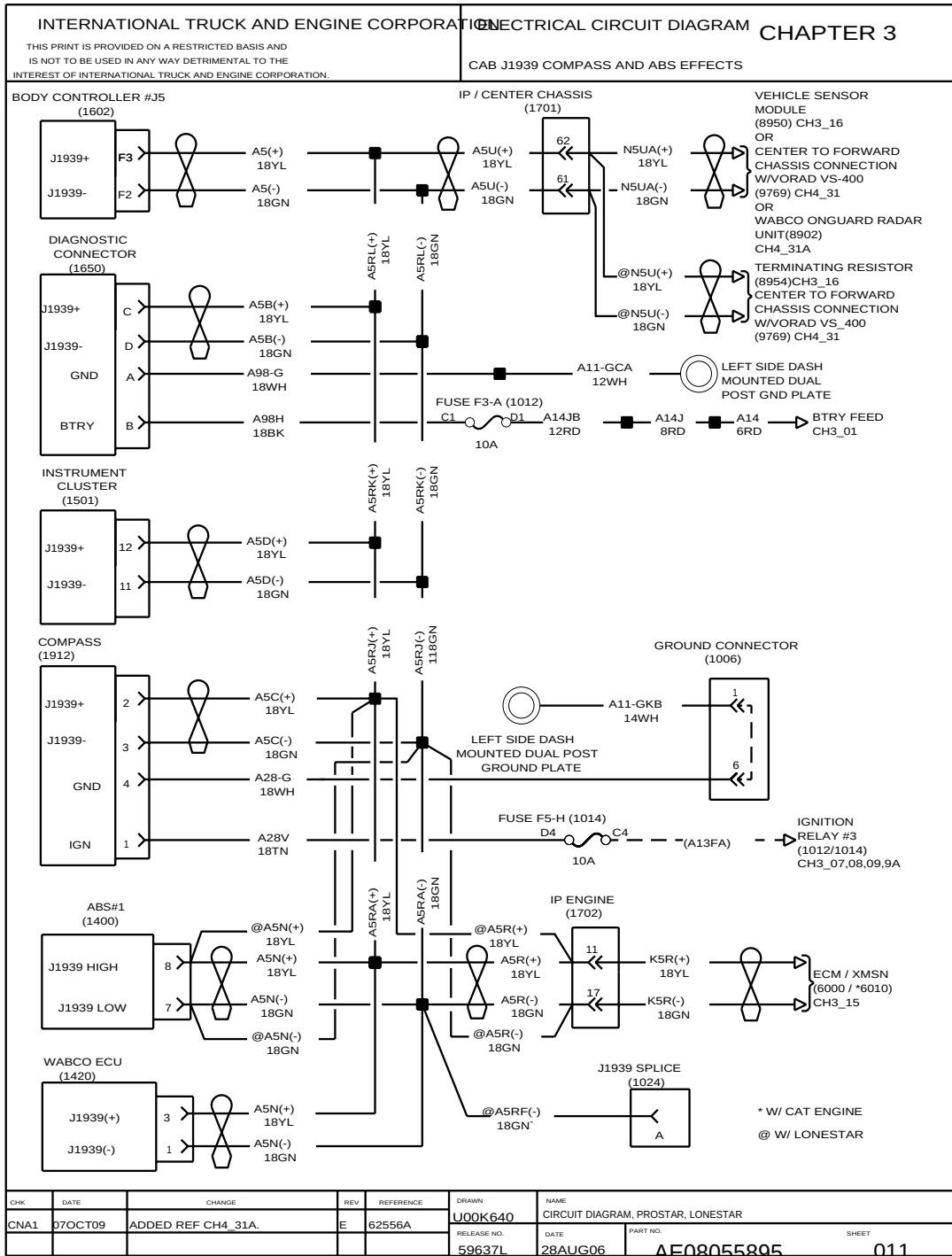


Figure 24 Cab J1939 COMPASS and ABS Effects

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.13. CAB J1939 WITH ALL OPTIONS, P. 12

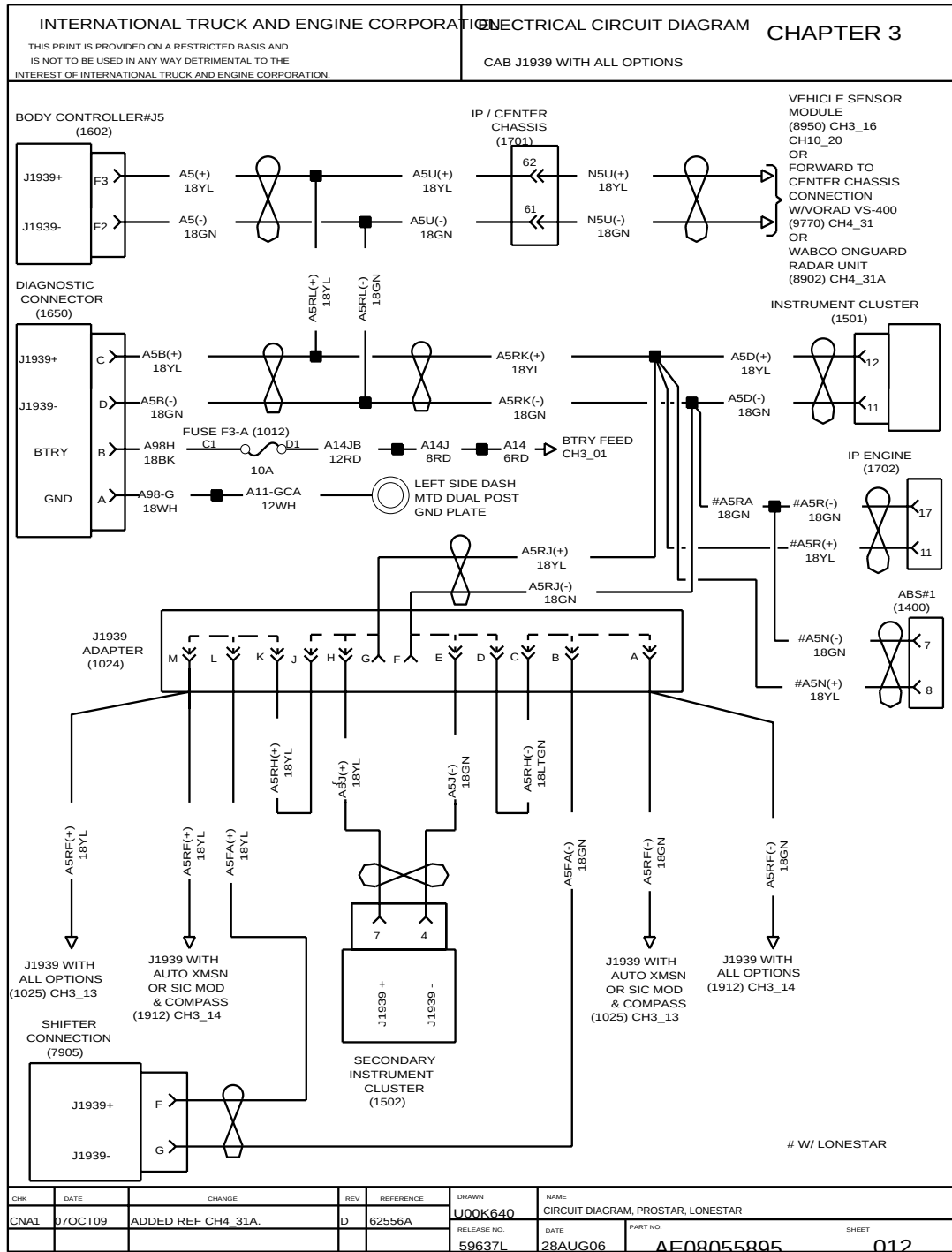


Figure 25 Cab J1939 with All Options

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.15. CAB J1939 WITH ALL OPTIONS, P. 13A

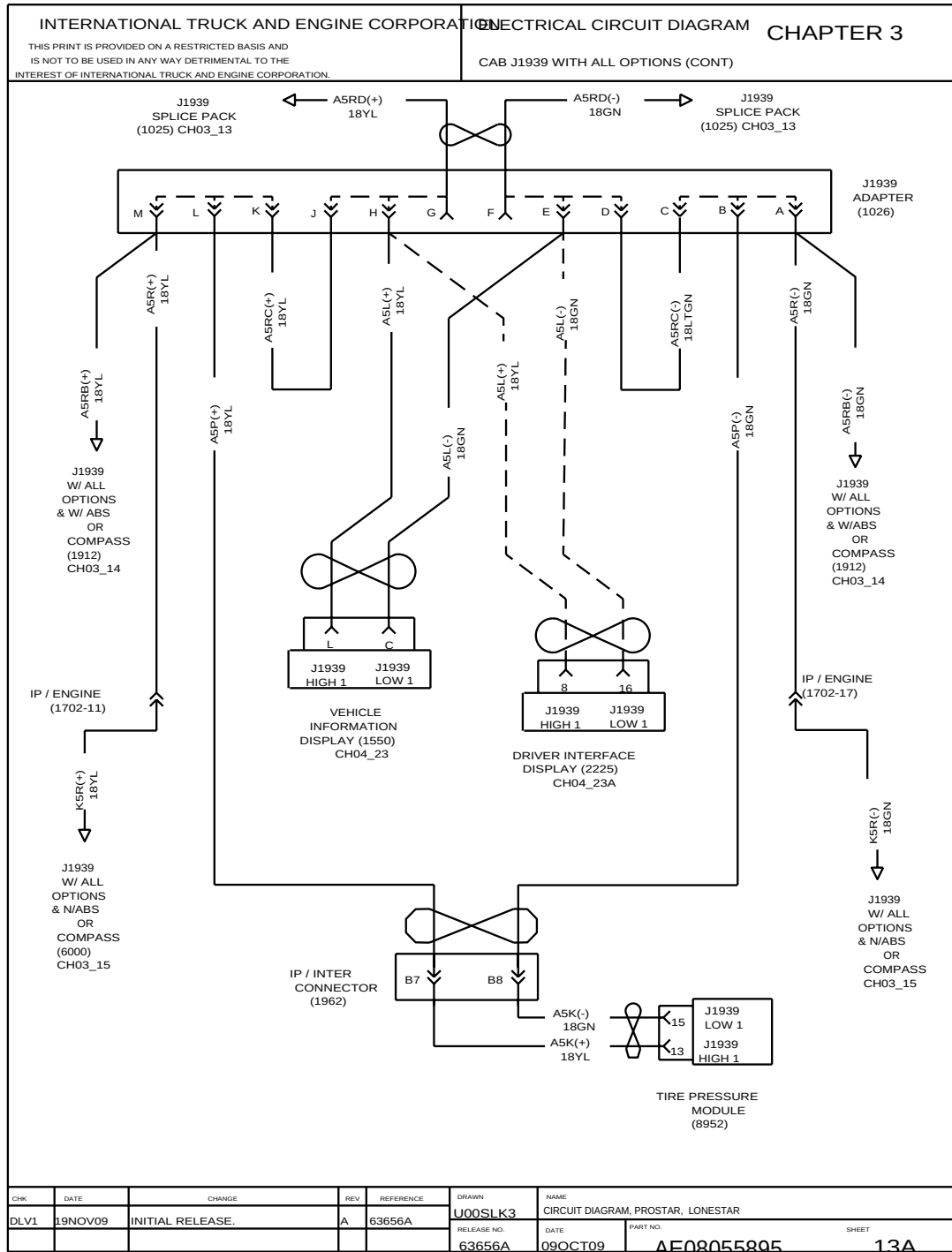


Figure 27 Cab J1939 with All Options

3.16. CAB J1939 WITH ALL OPTIONS, P. 14

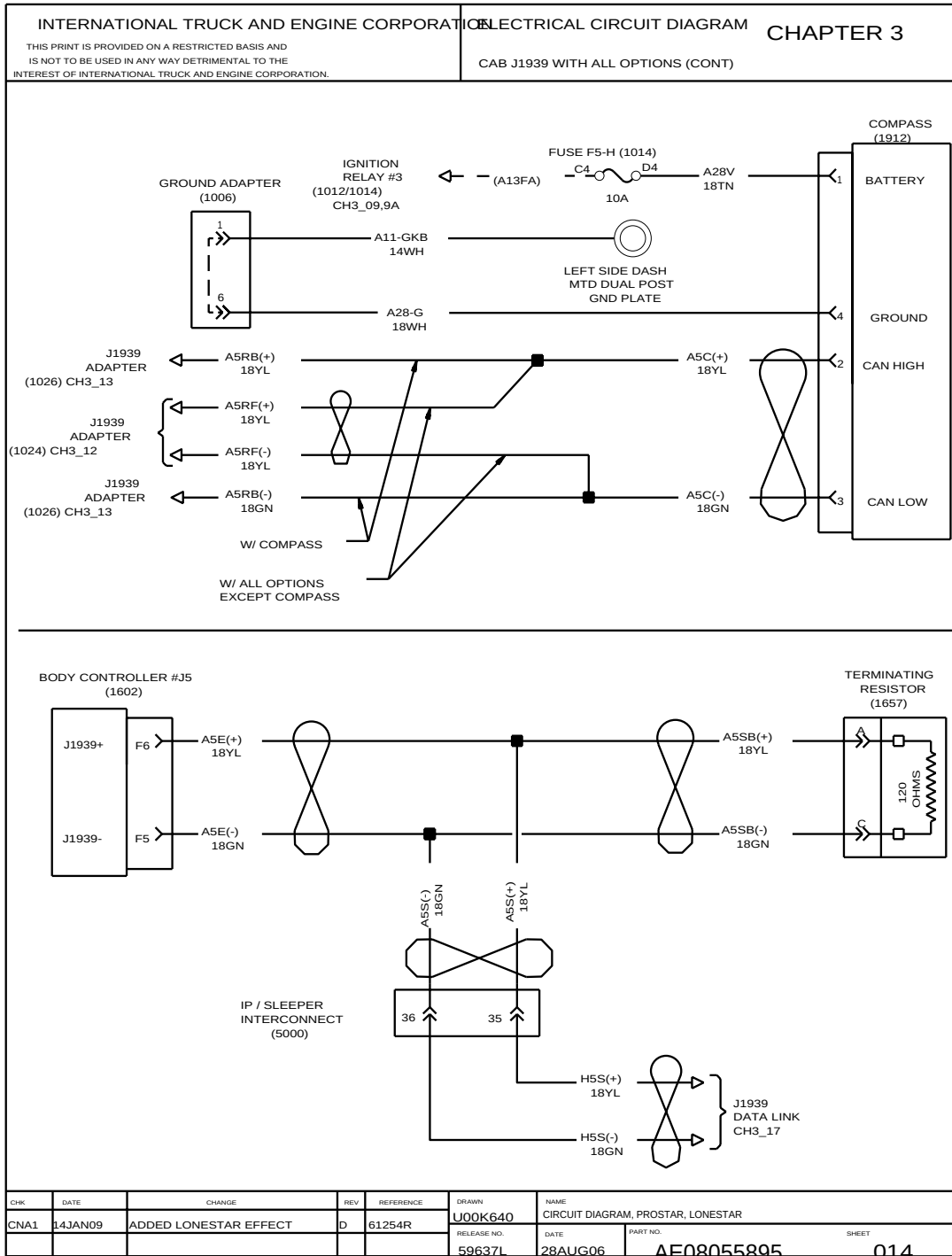


Figure 28 Cab J1939 with All Options

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.17. J1939 ENGINE, P. 15

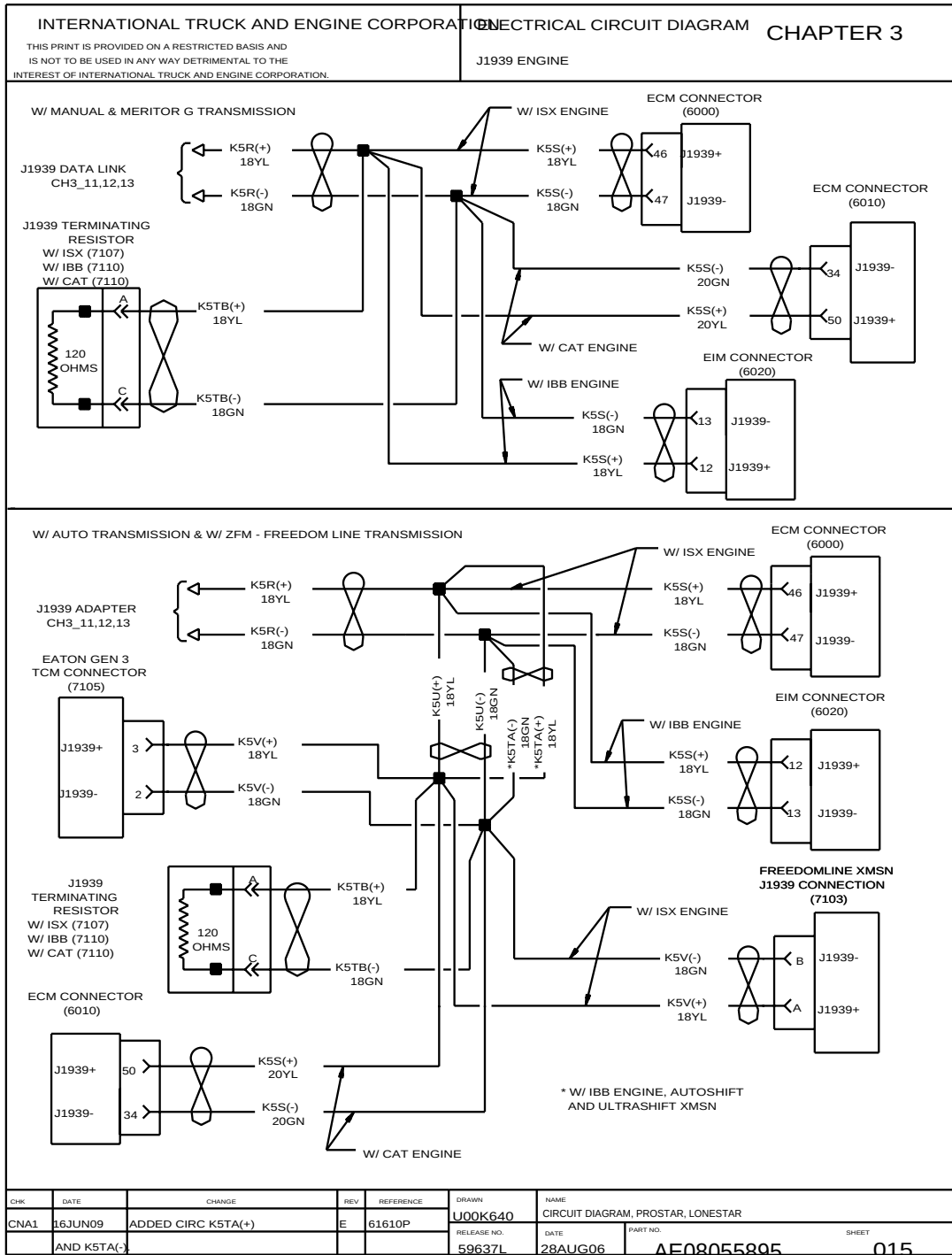


Figure 29 J1939 Engine

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

3.18. J1939 CHASSIS, P. 16

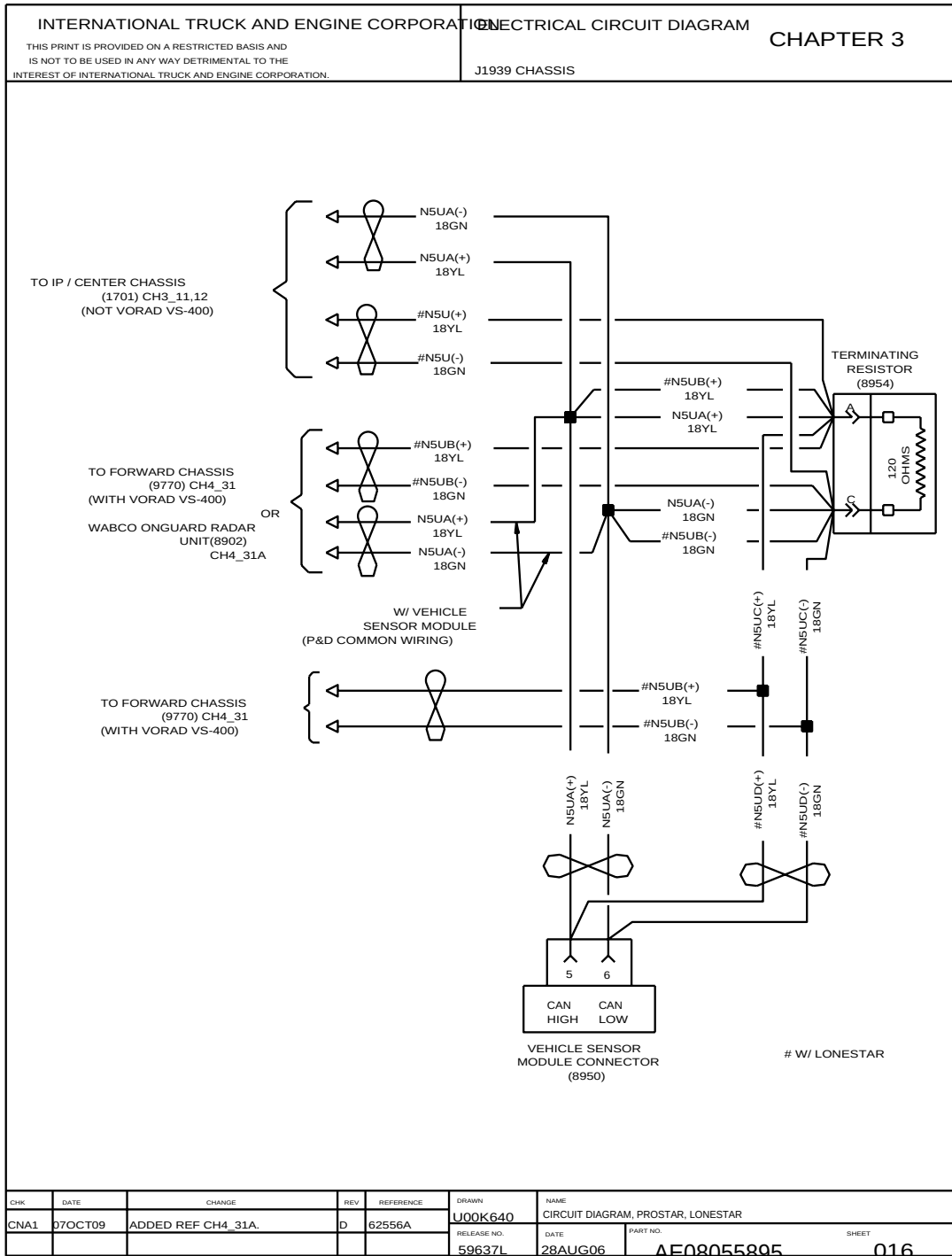


Figure 30 J1939 Chassis

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.19. J1939 WITH SLEEPER, P. 17

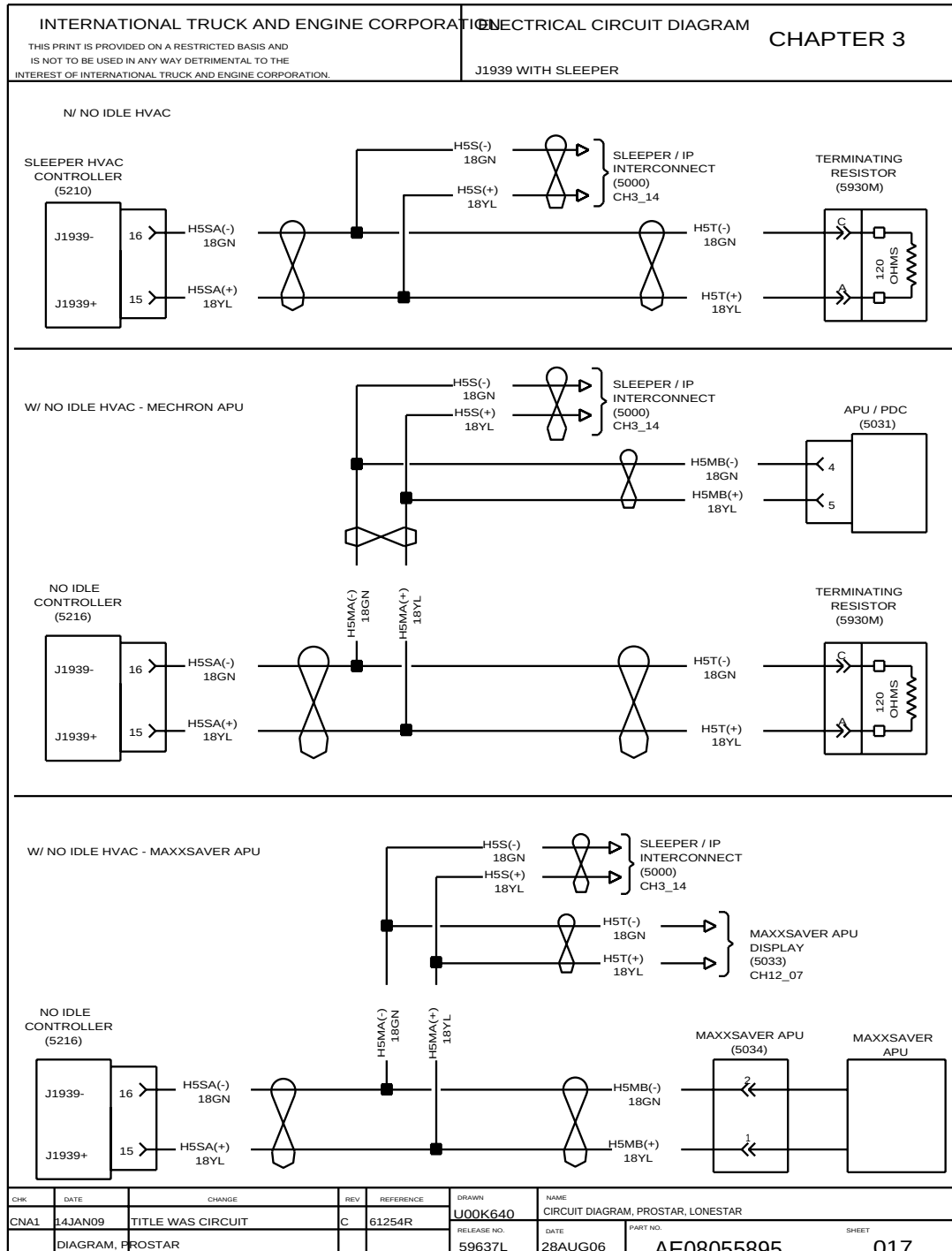


Figure 31 J1939 with Sleeper

3.20. J1708 PRIVATE, P. 18

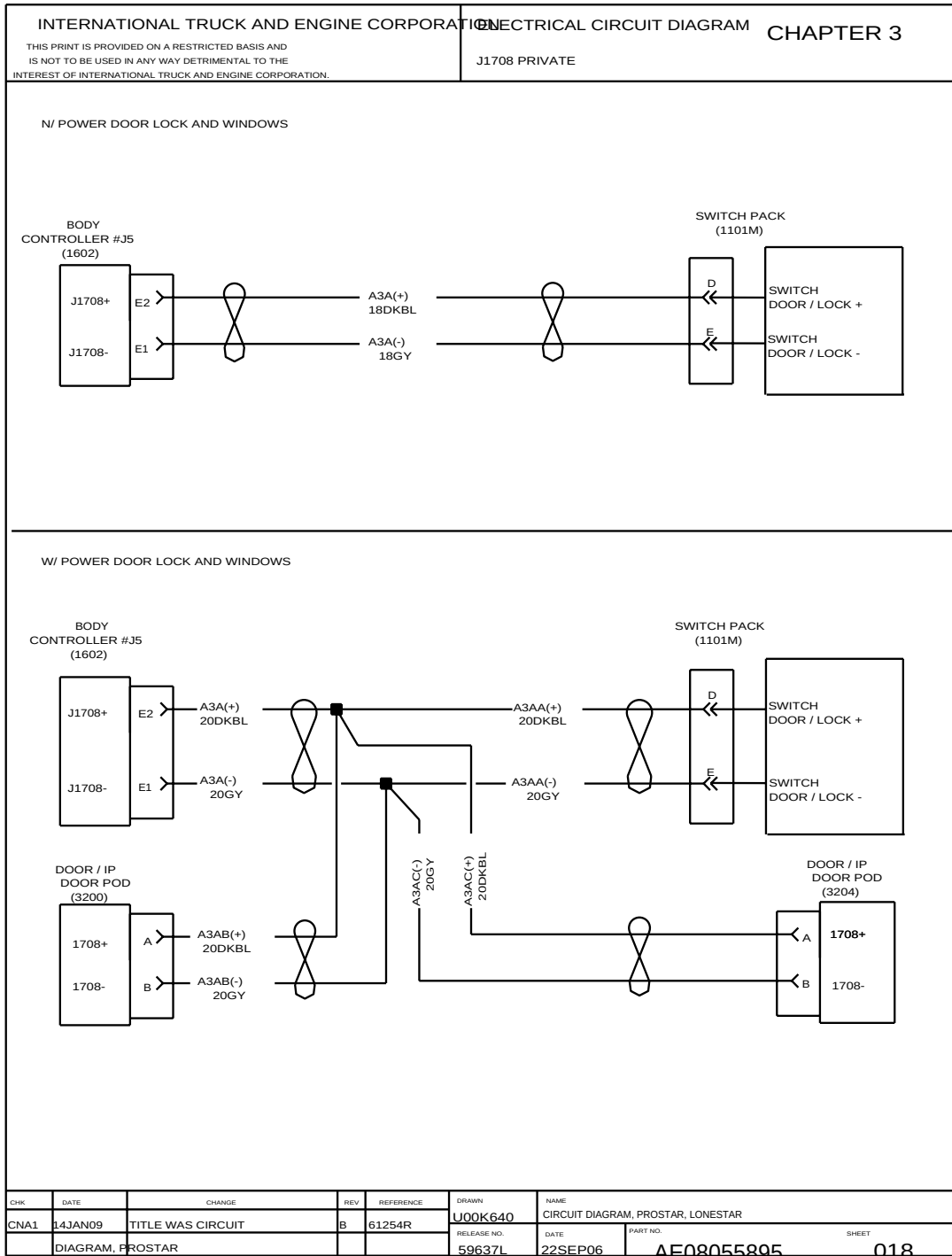


Figure 32 J1708 Private

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.21. J1708 PUBLIC, P. 19

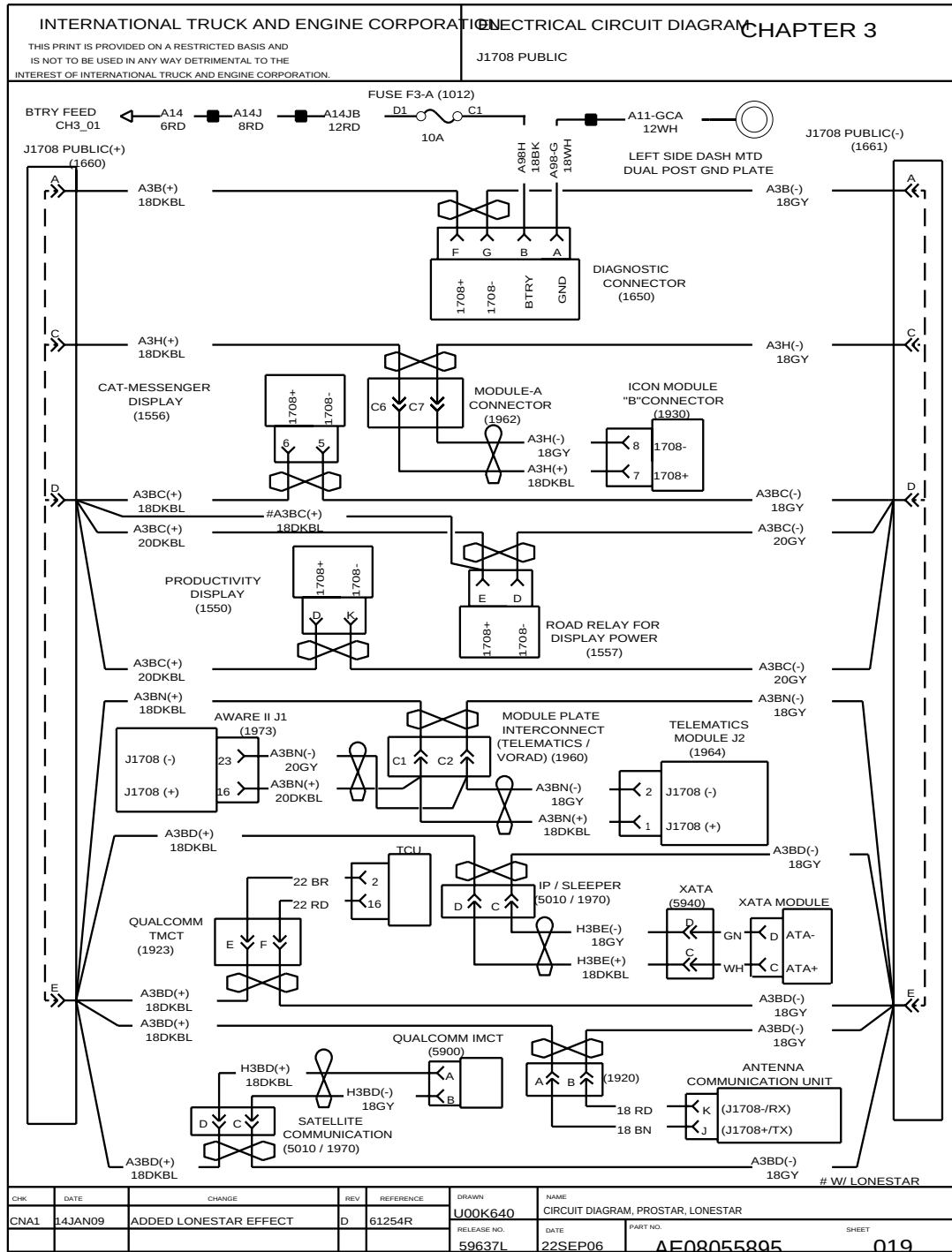


Figure 33 J1708 Public

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

3.22. J1708 PUBLIC, P. 20

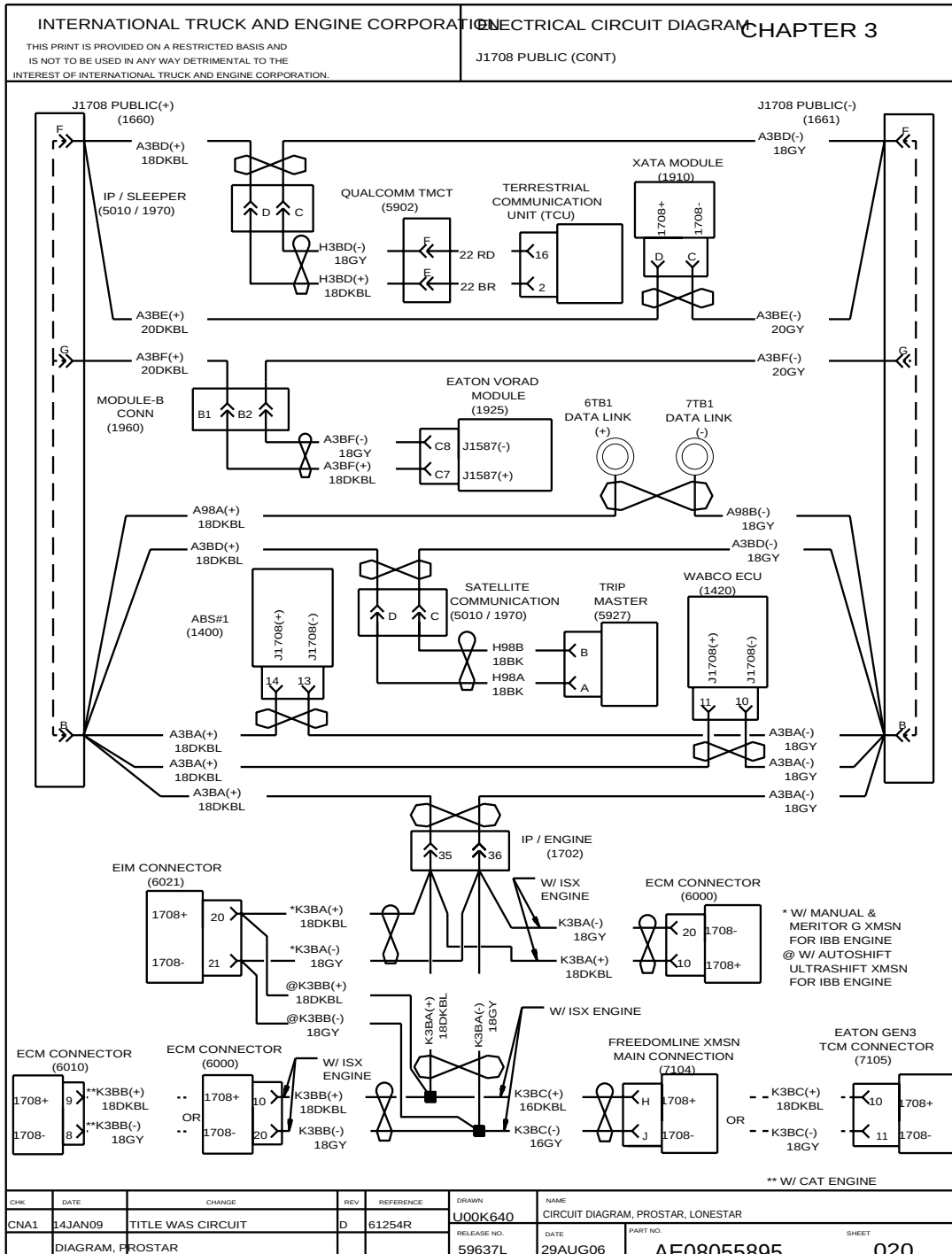


Figure 34 J1708 Public

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.23. J1708 PUBLIC, P. 20A

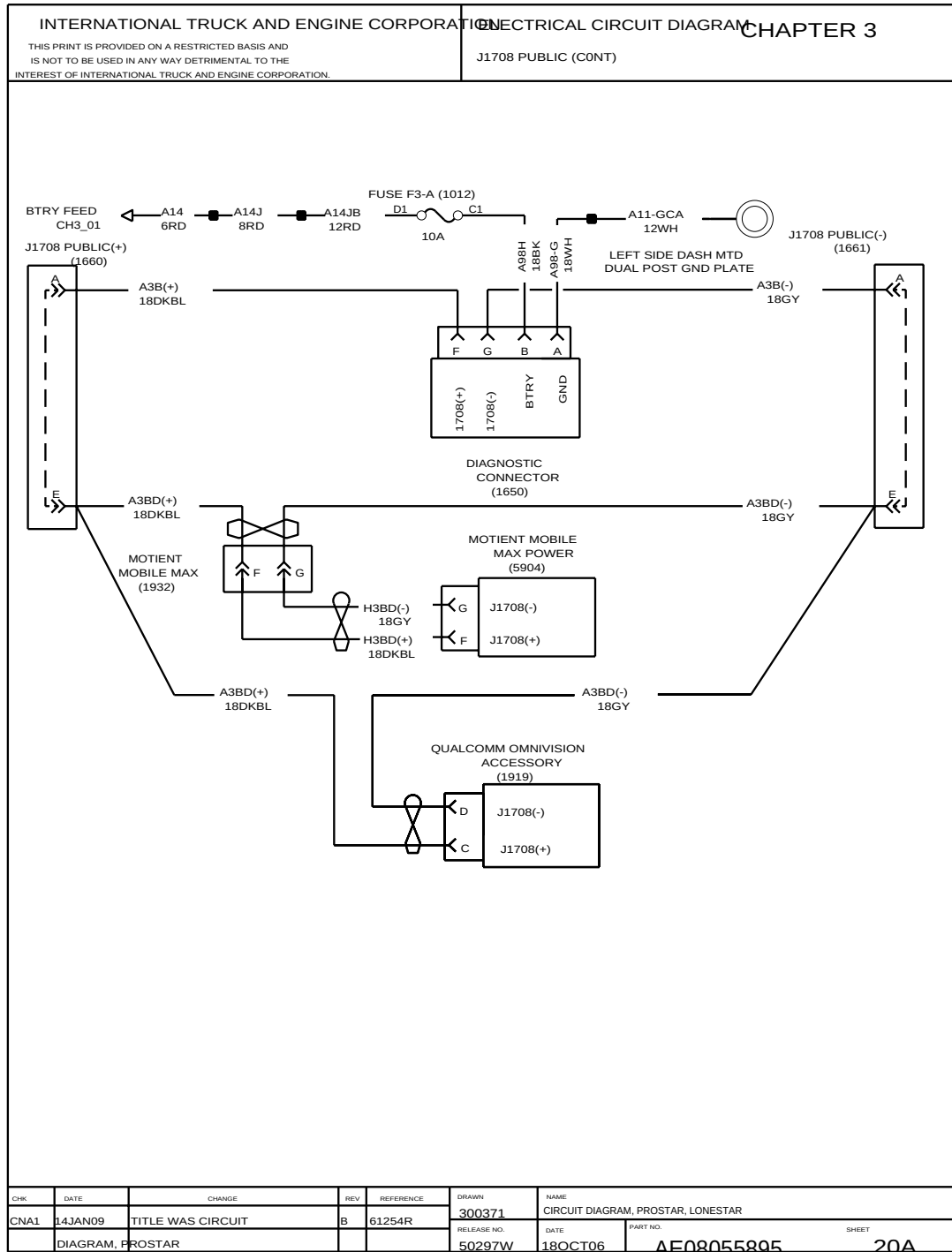


Figure 35 J1708 Public

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

3.24. GROUND — CAB, P. 21

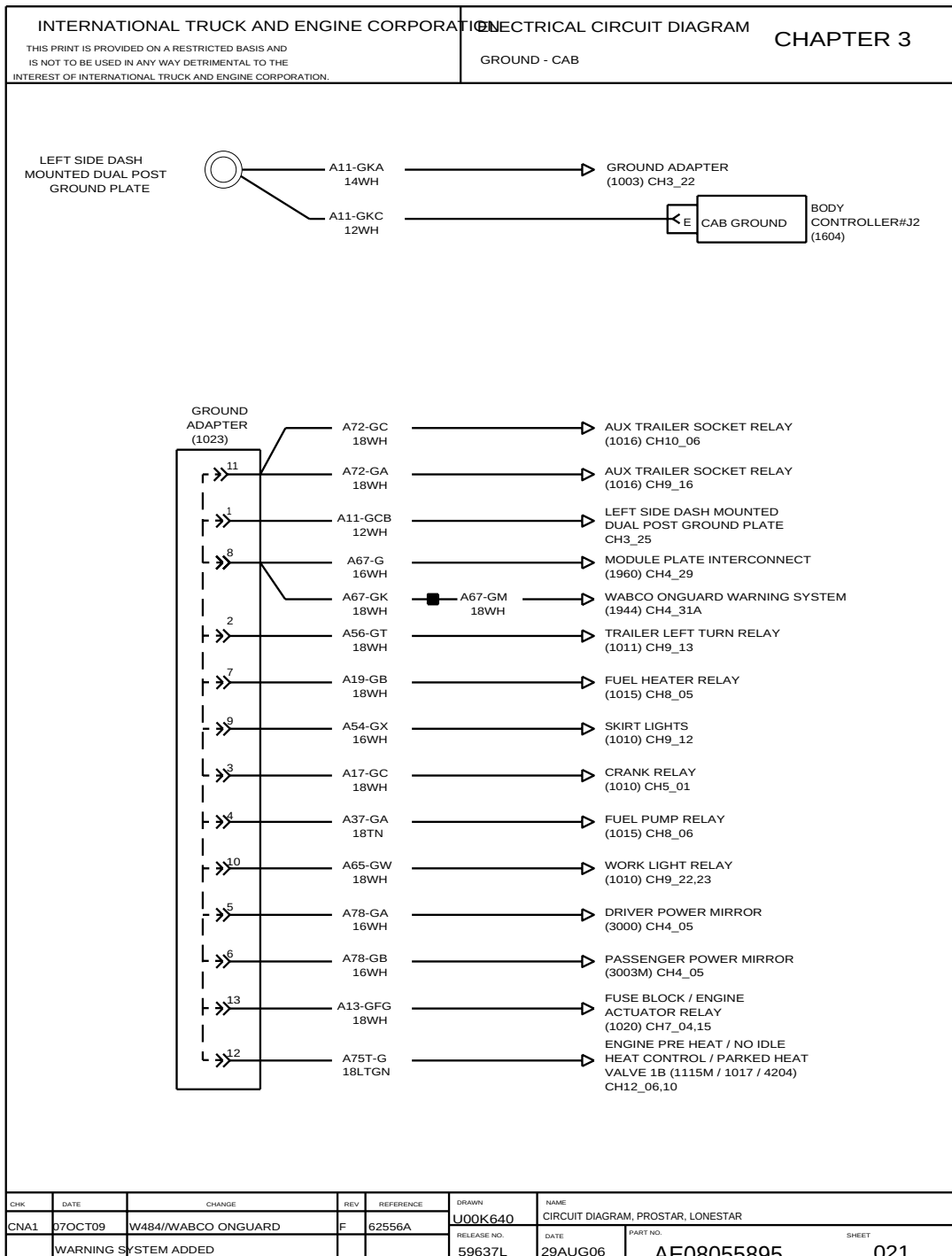


Figure 36 Ground — Cab

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.25. GROUND — CAB, P. 22

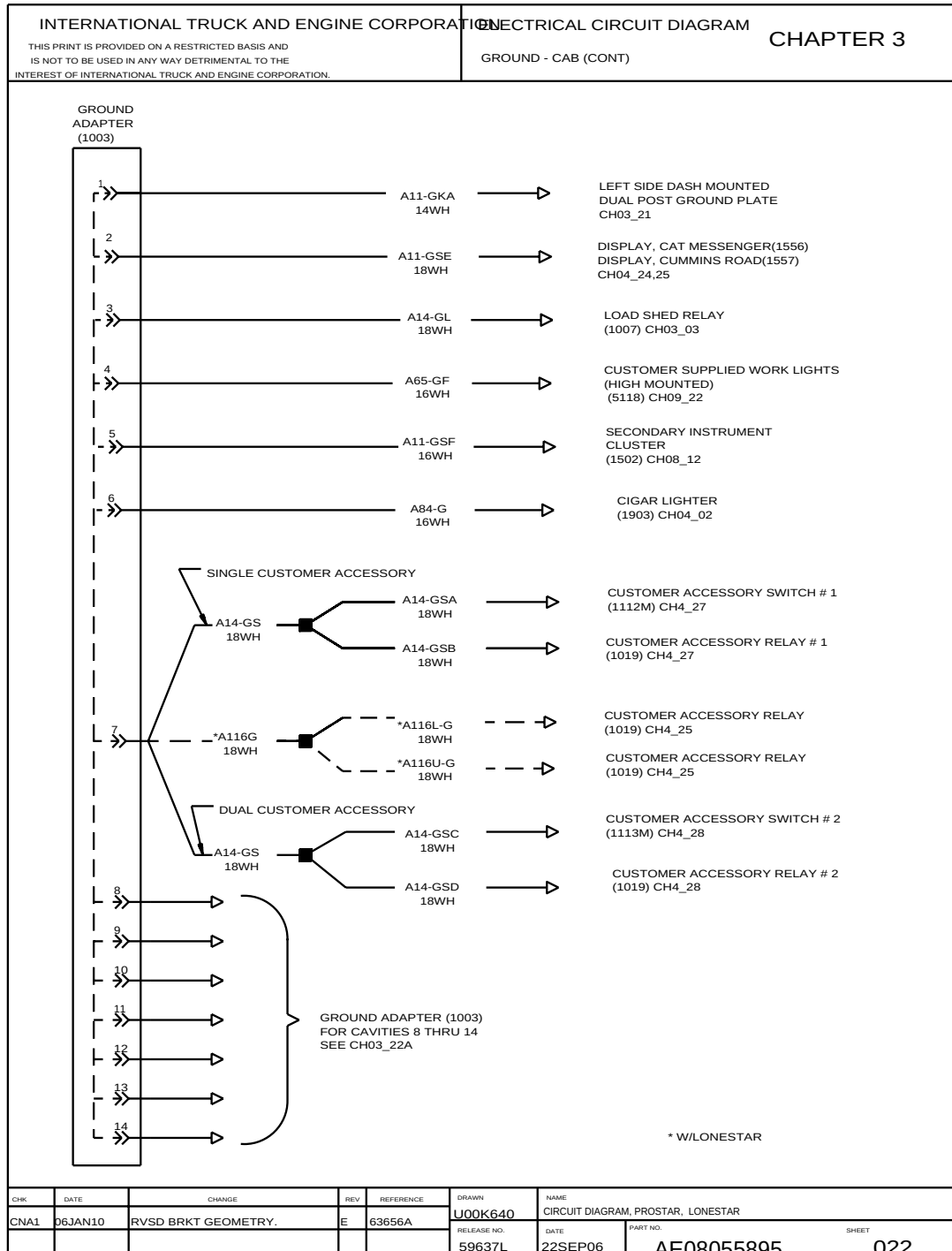


Figure 37 Ground — Cab

3.26. GROUND — CAB, P. 22A

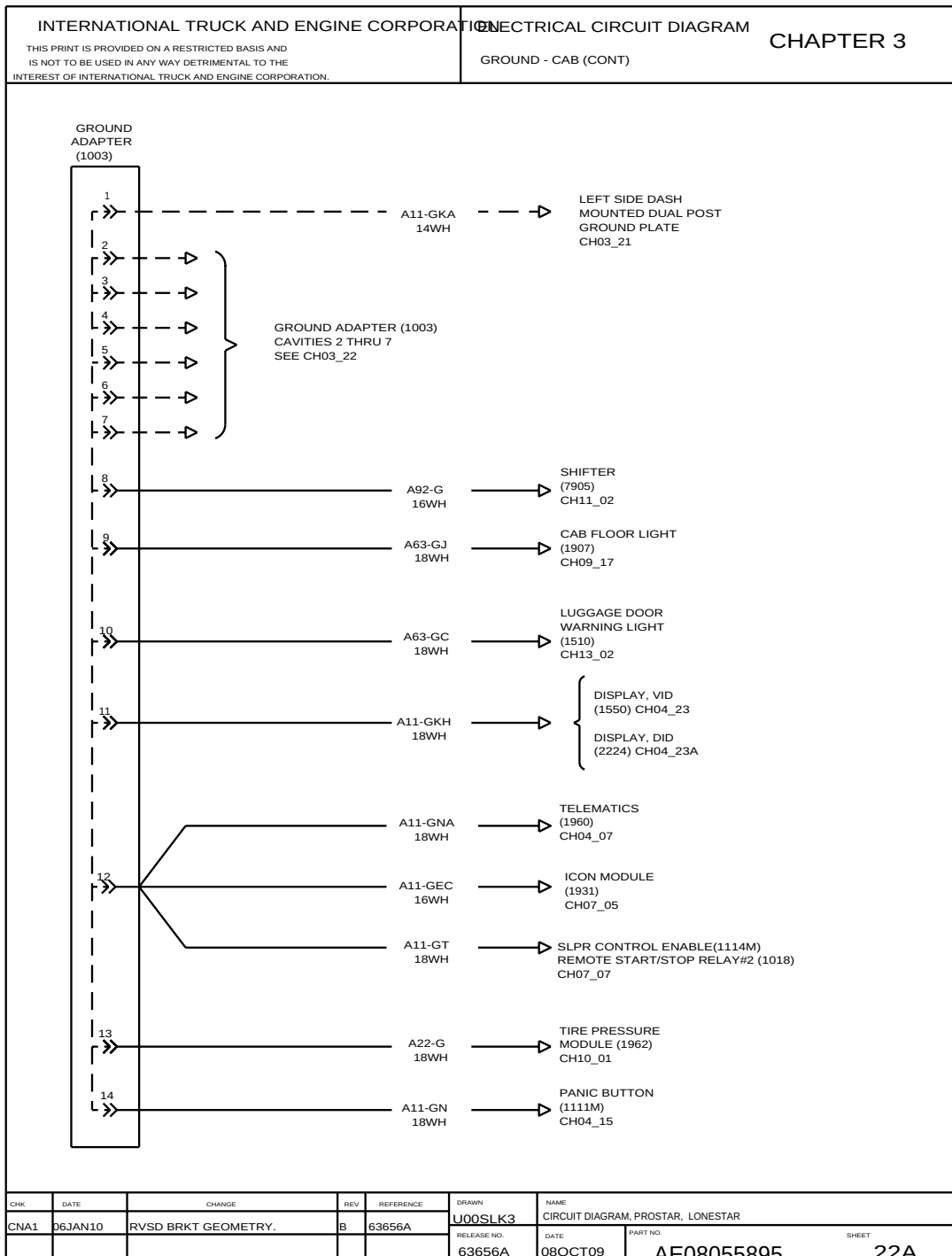


Figure 38 Ground — Cab

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.27. GROUND — CAB, P. 23

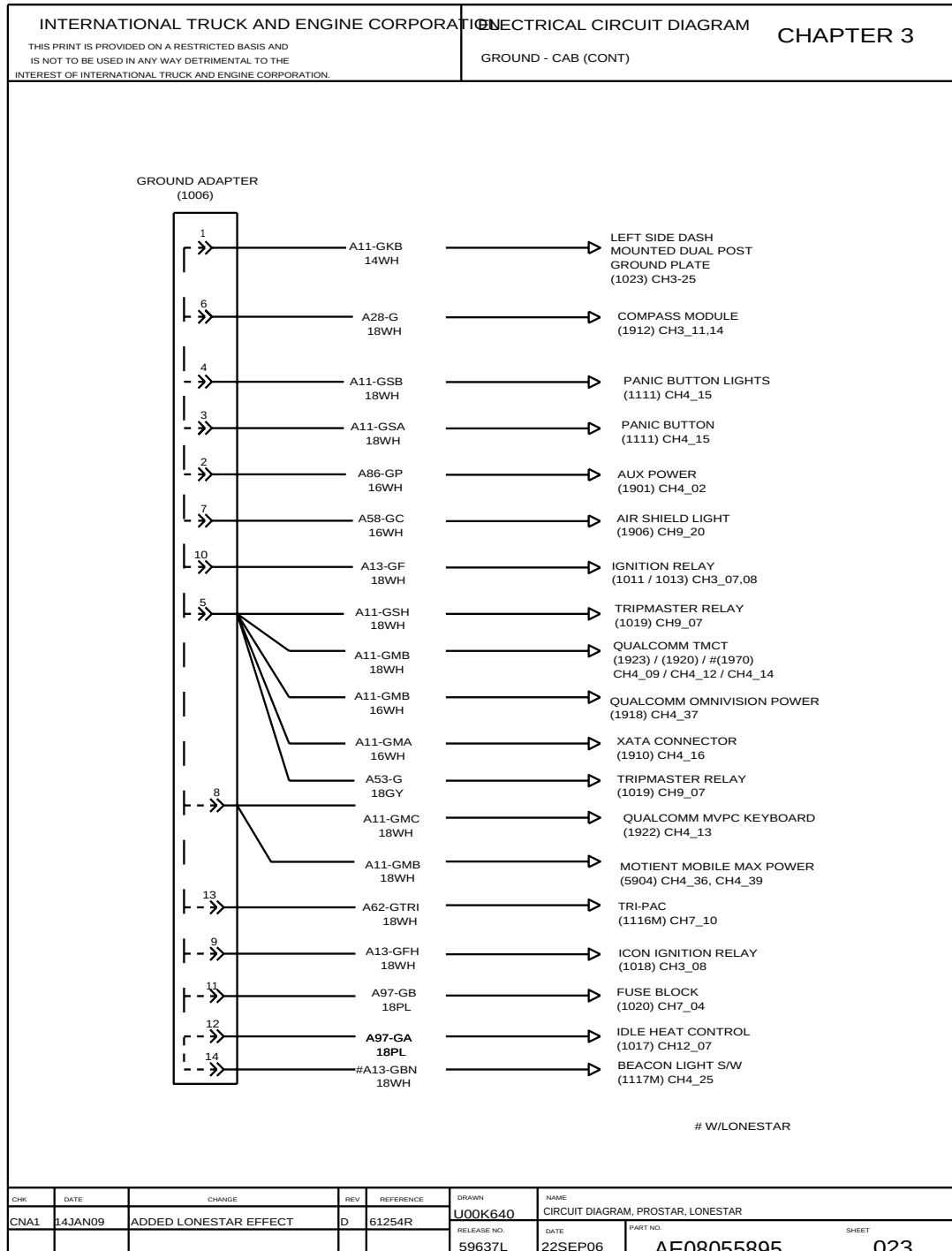
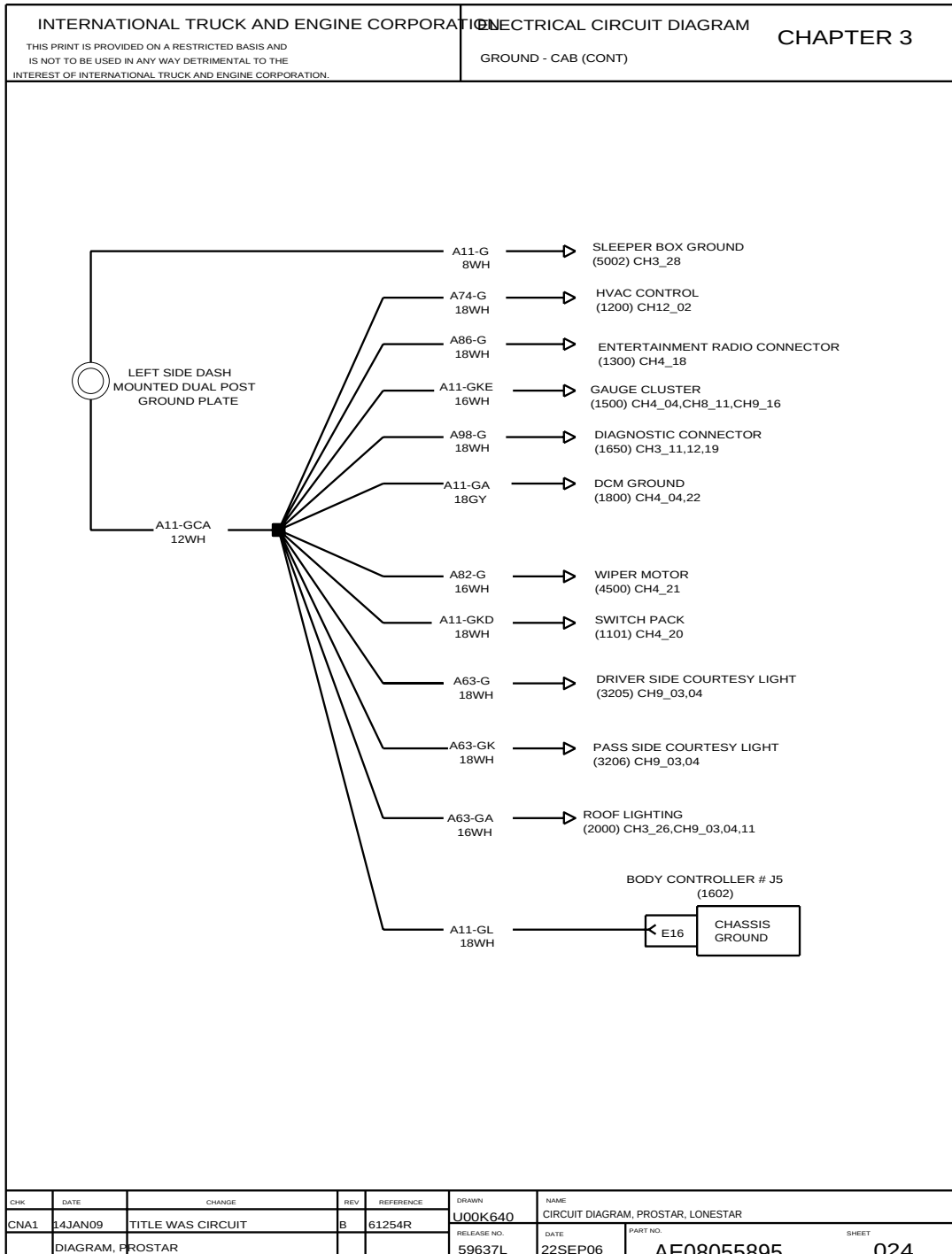


Figure 39 Ground — Cab

3.28. GROUND — CAB, P. 24**Figure 40 Ground — Cab**

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.29. GROUND — CAB, P. 25

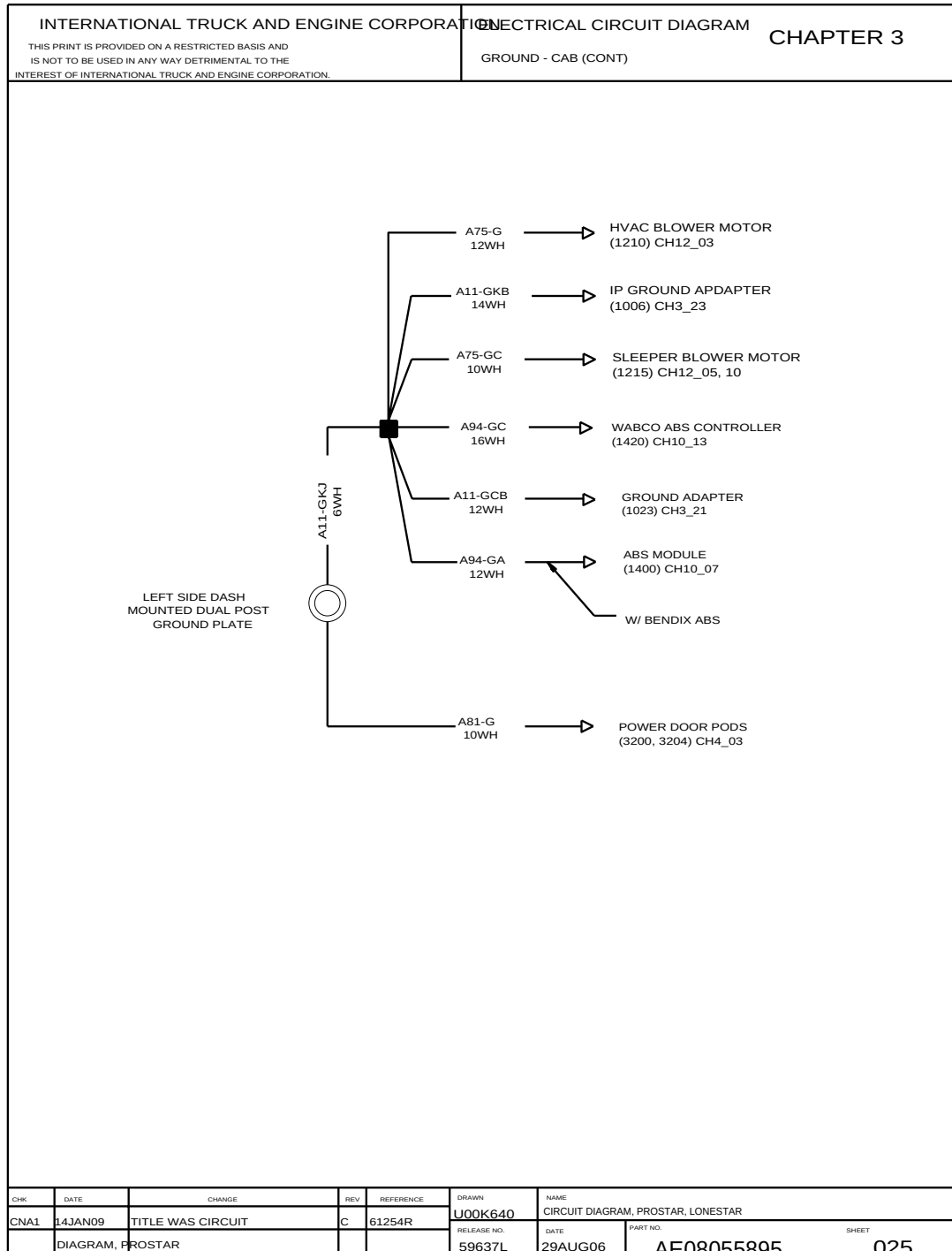
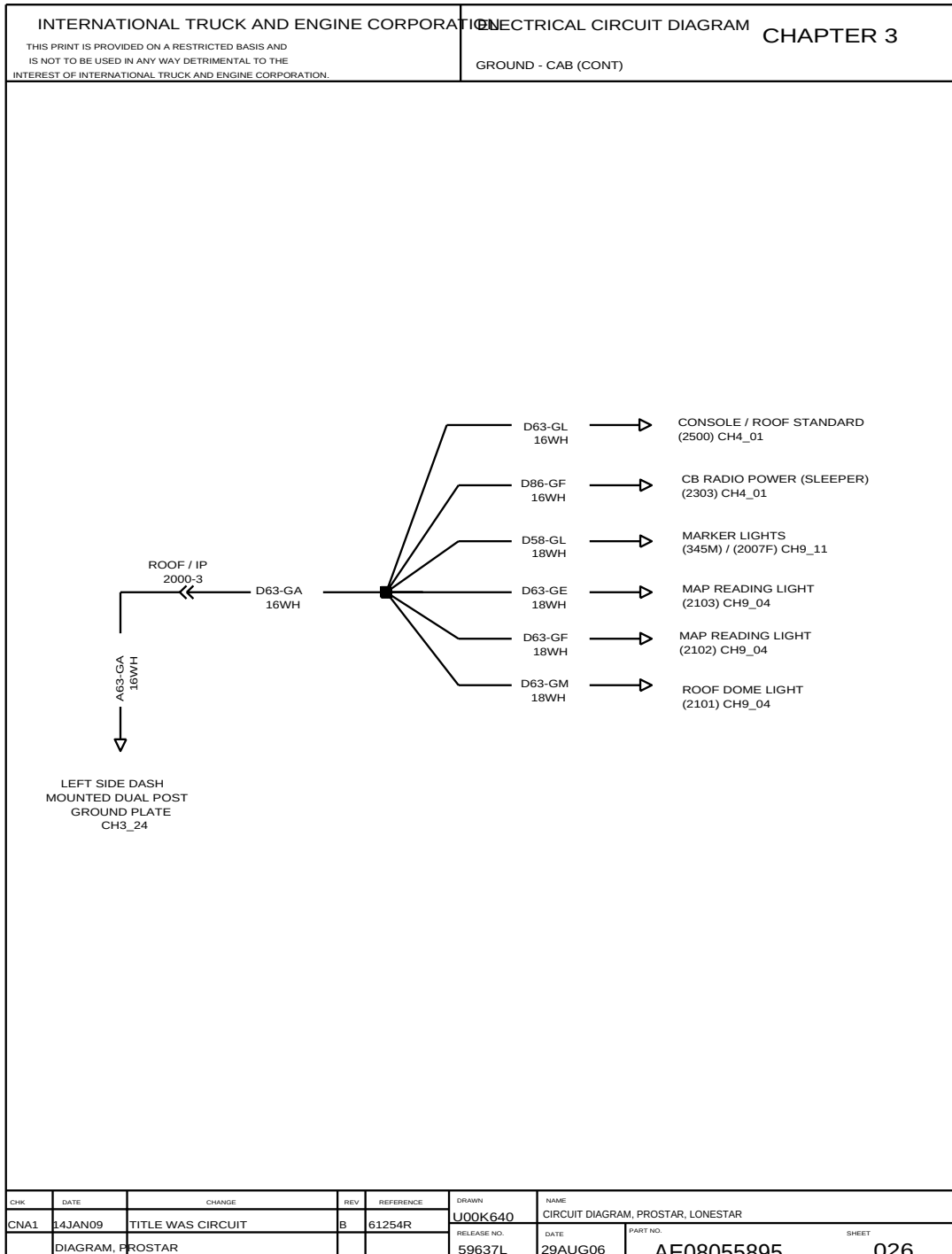


Figure 41 Ground — Cab

3.30. GROUND — CAB, P. 26**Figure 42 Ground — Cab**

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.31. GROUND — CHASSIS, P. 27

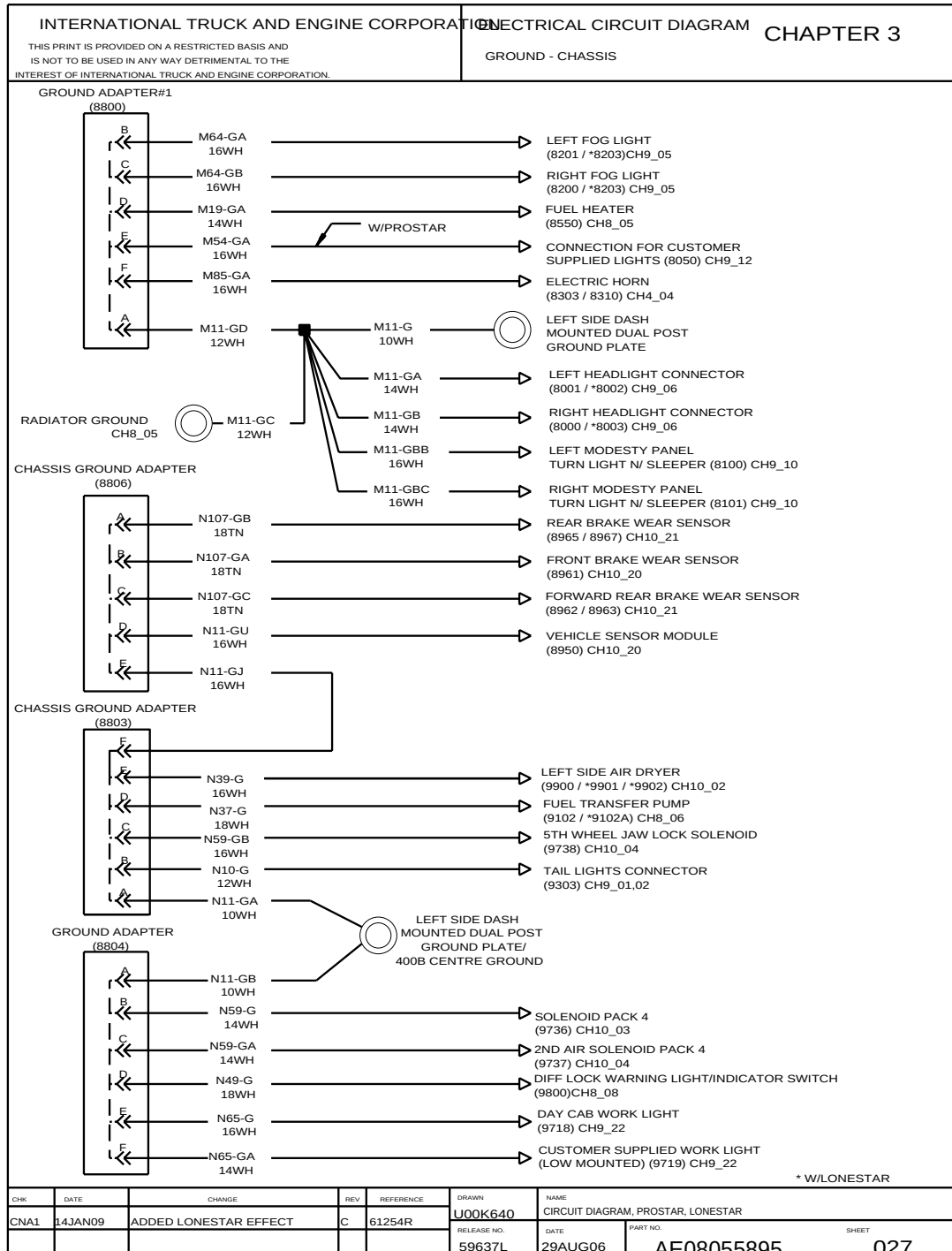


Figure 43 Ground — Chassis

3.32. GROUND — SLEEPER, P. 28

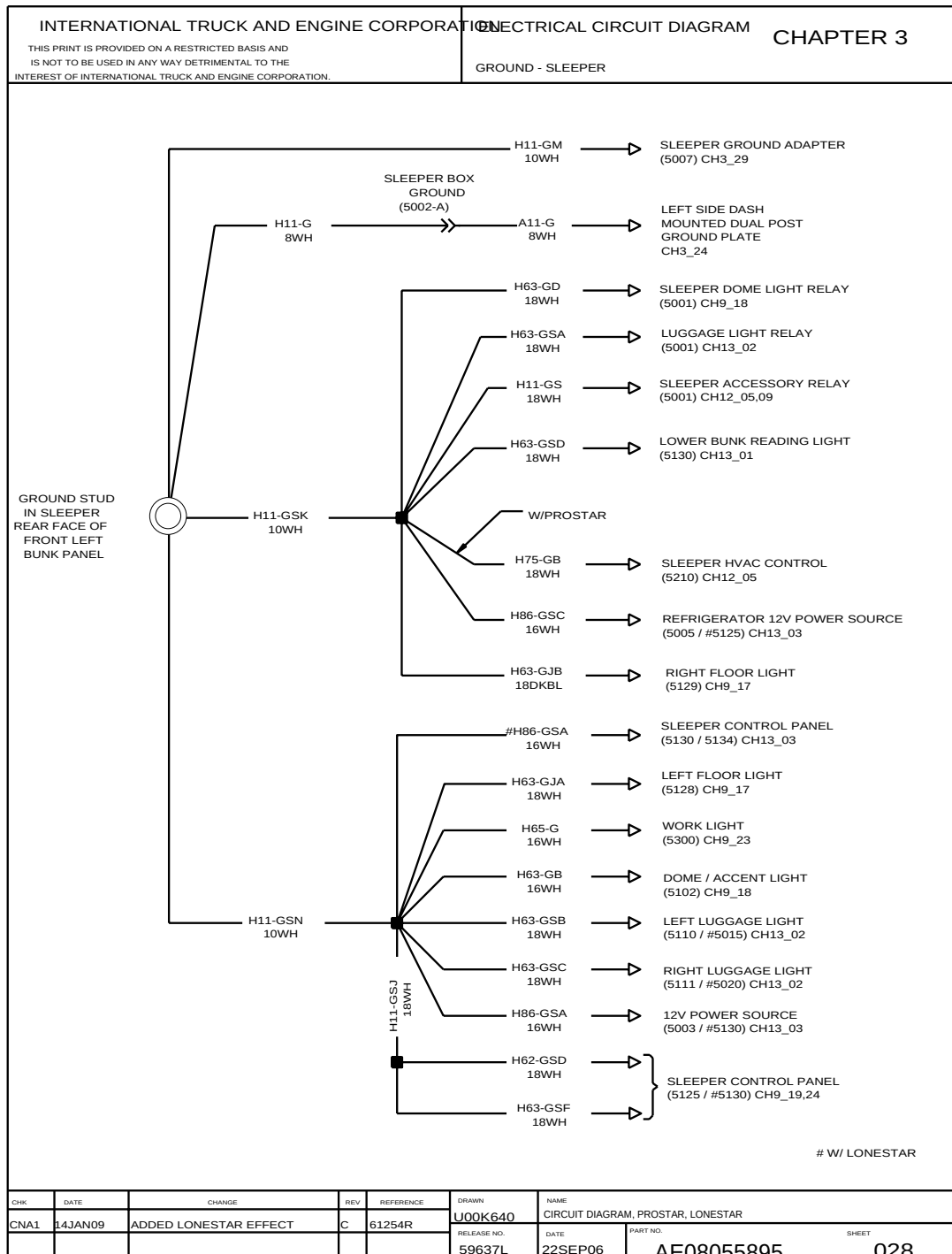


Figure 44 Ground — Sleeper

3.33. GROUND — SLEEPER, P. 29

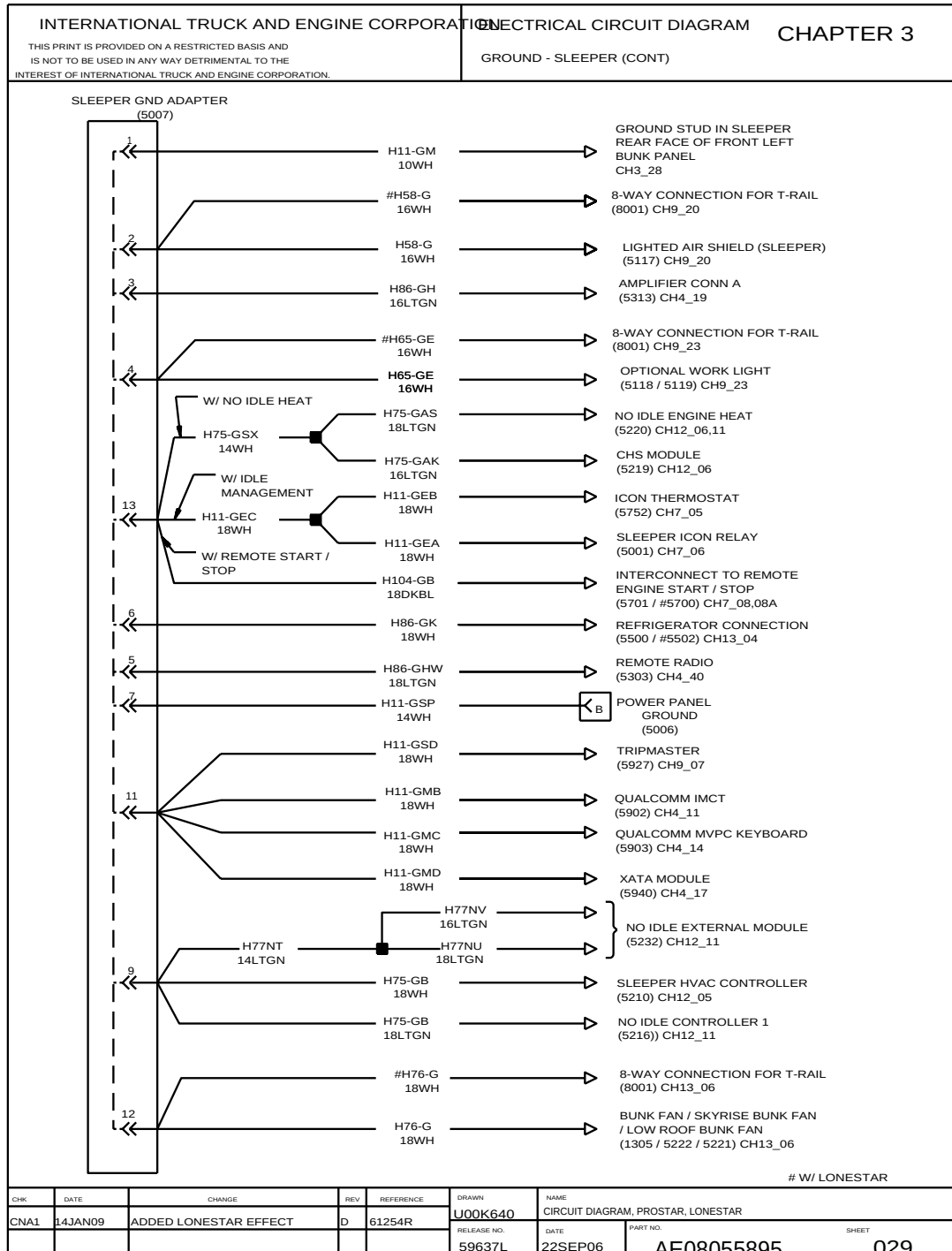


Figure 45 Ground — Sleeper

3.34. GROUND — SLEEPER, P. 29A

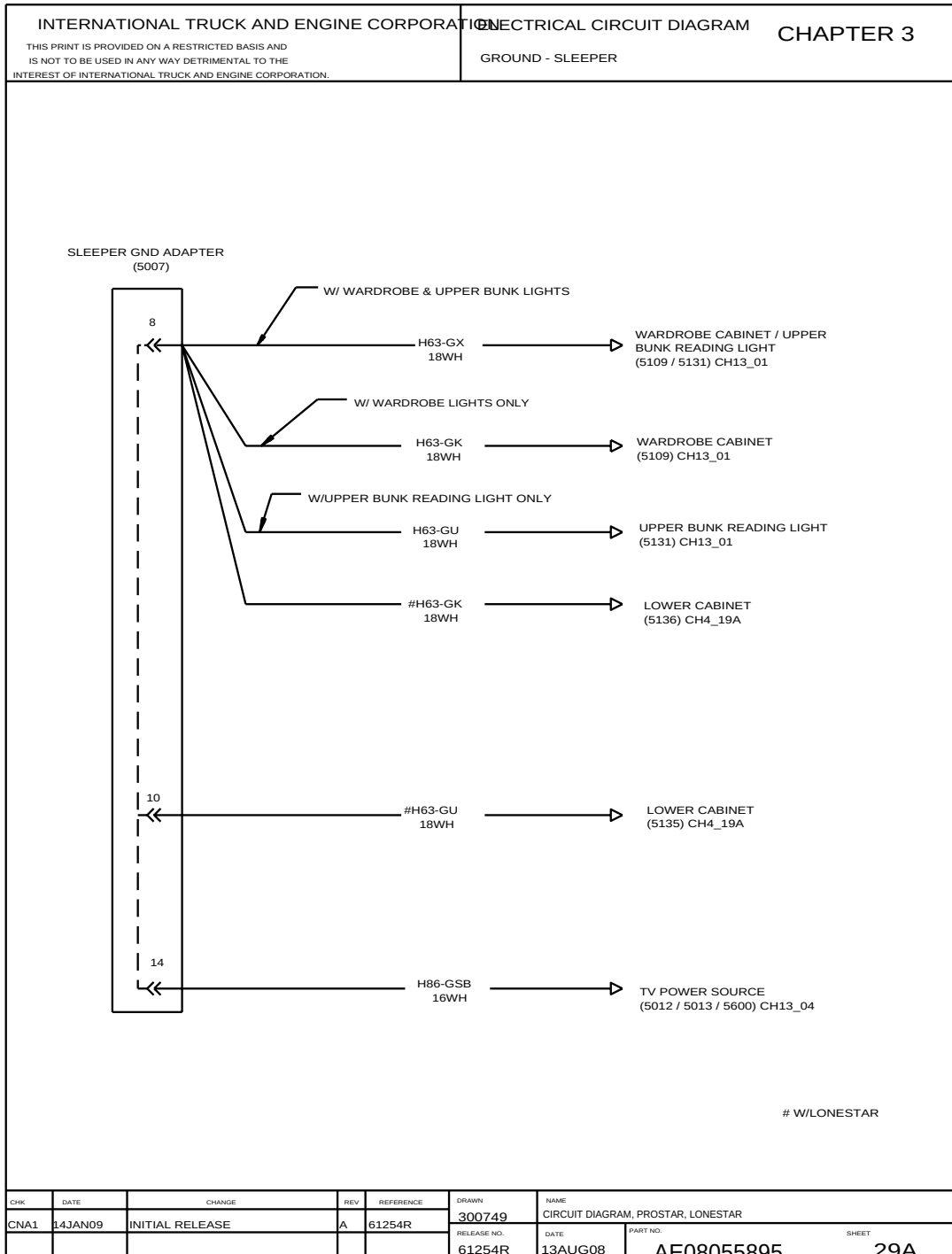


Figure 46 Ground — Sleeper

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.35. ENGINE GROUND — IBB ENGINE, P. 30

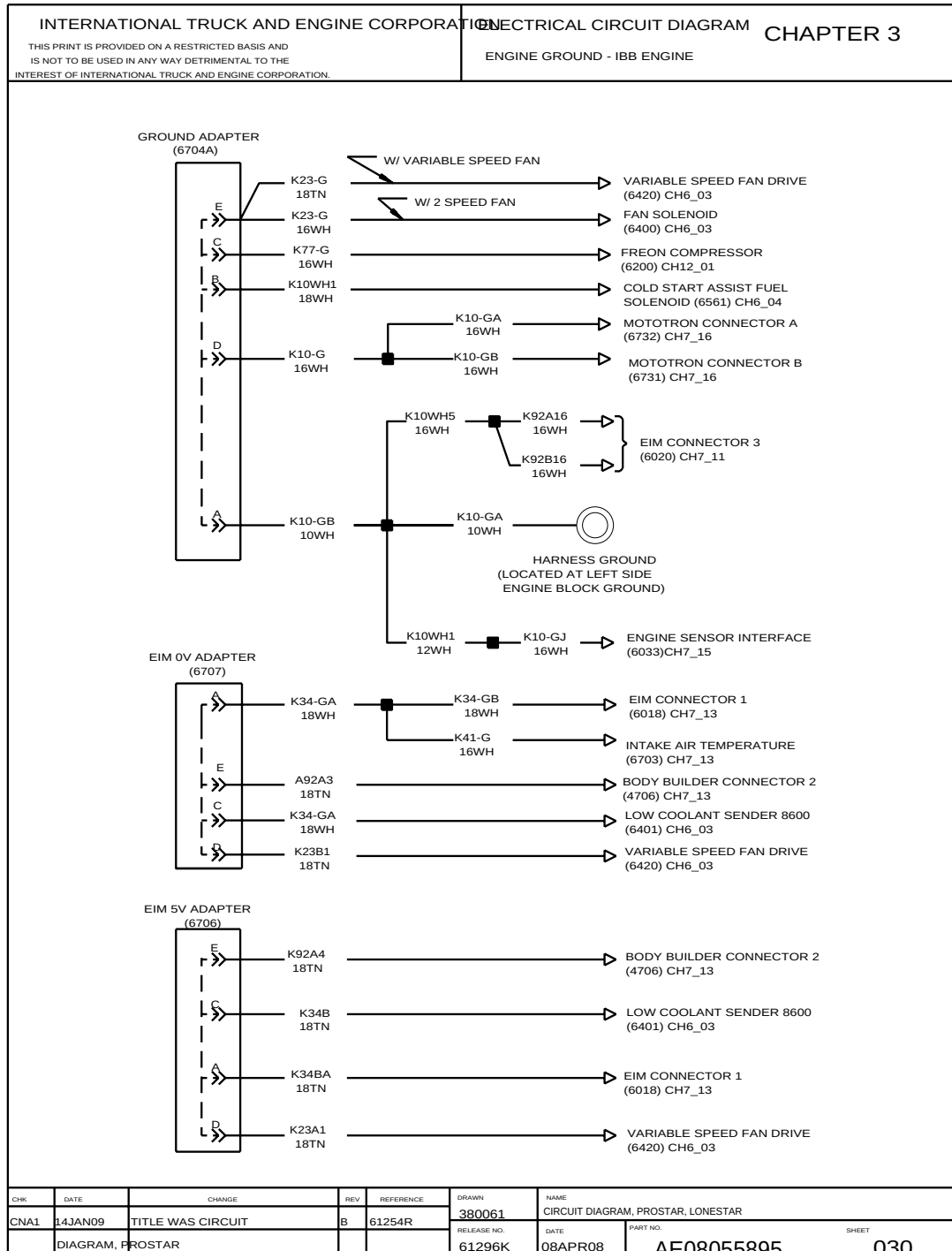
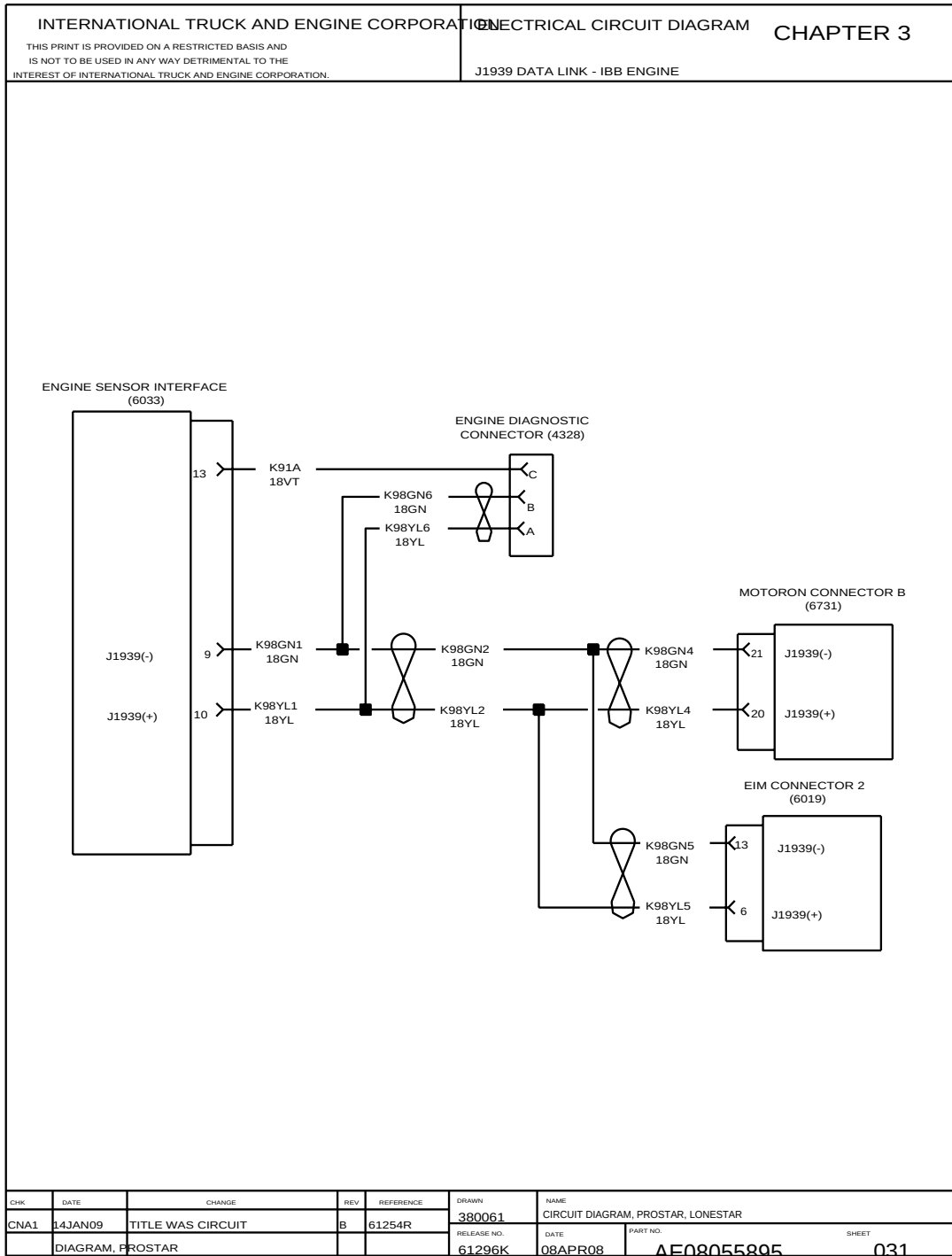


Figure 47 Engine Ground — IBB Engine

3.36. J1939 DATA LINK — IBB ENGINE, P. 31**Figure 48 J1939 Data Link — IBB Engine**

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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3.37. ZERO VOLT REFERENCE, P. 32

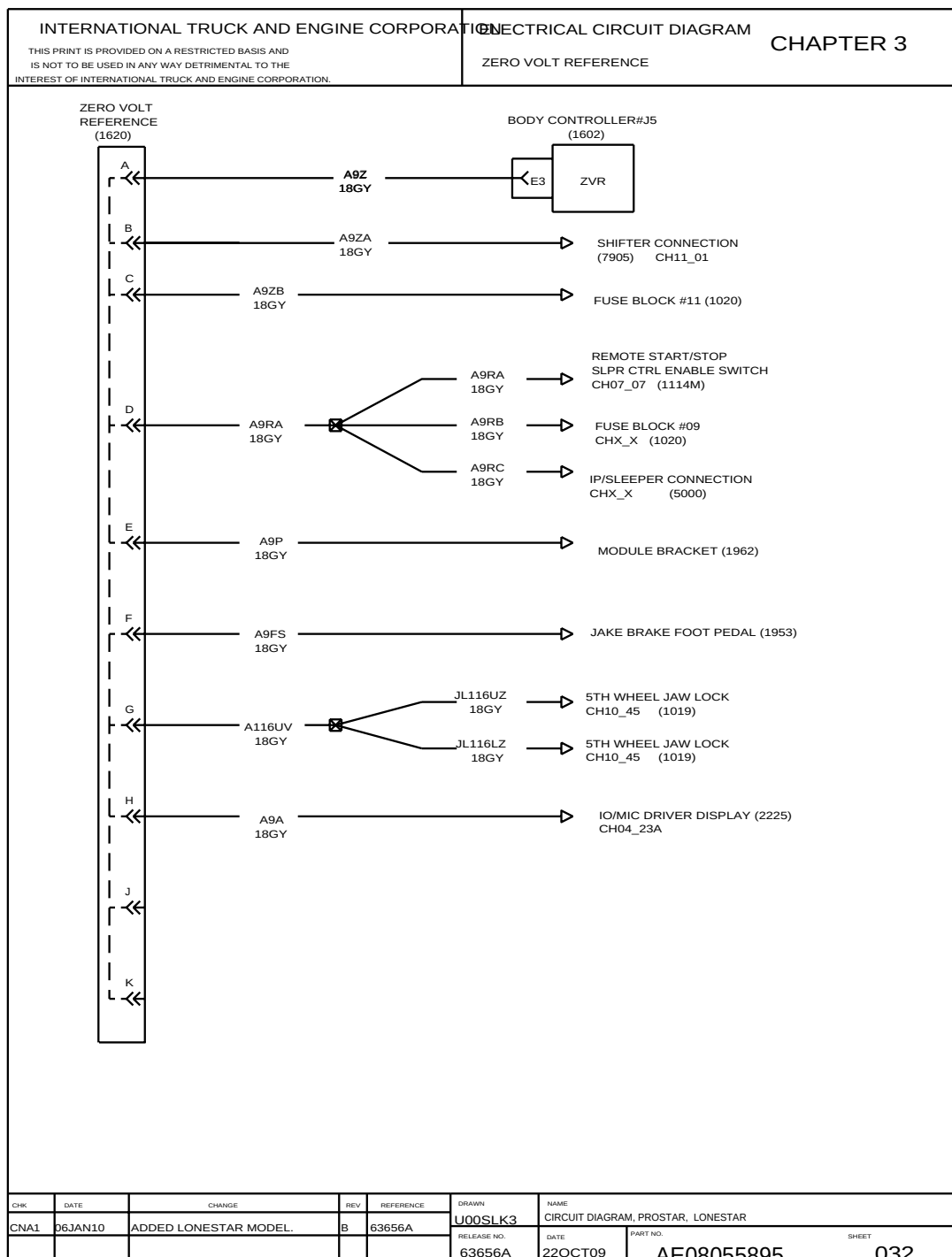


Figure 49 Zero Volt Reference

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

3.38. ZERO VOLT REFERENCE, P. 32A

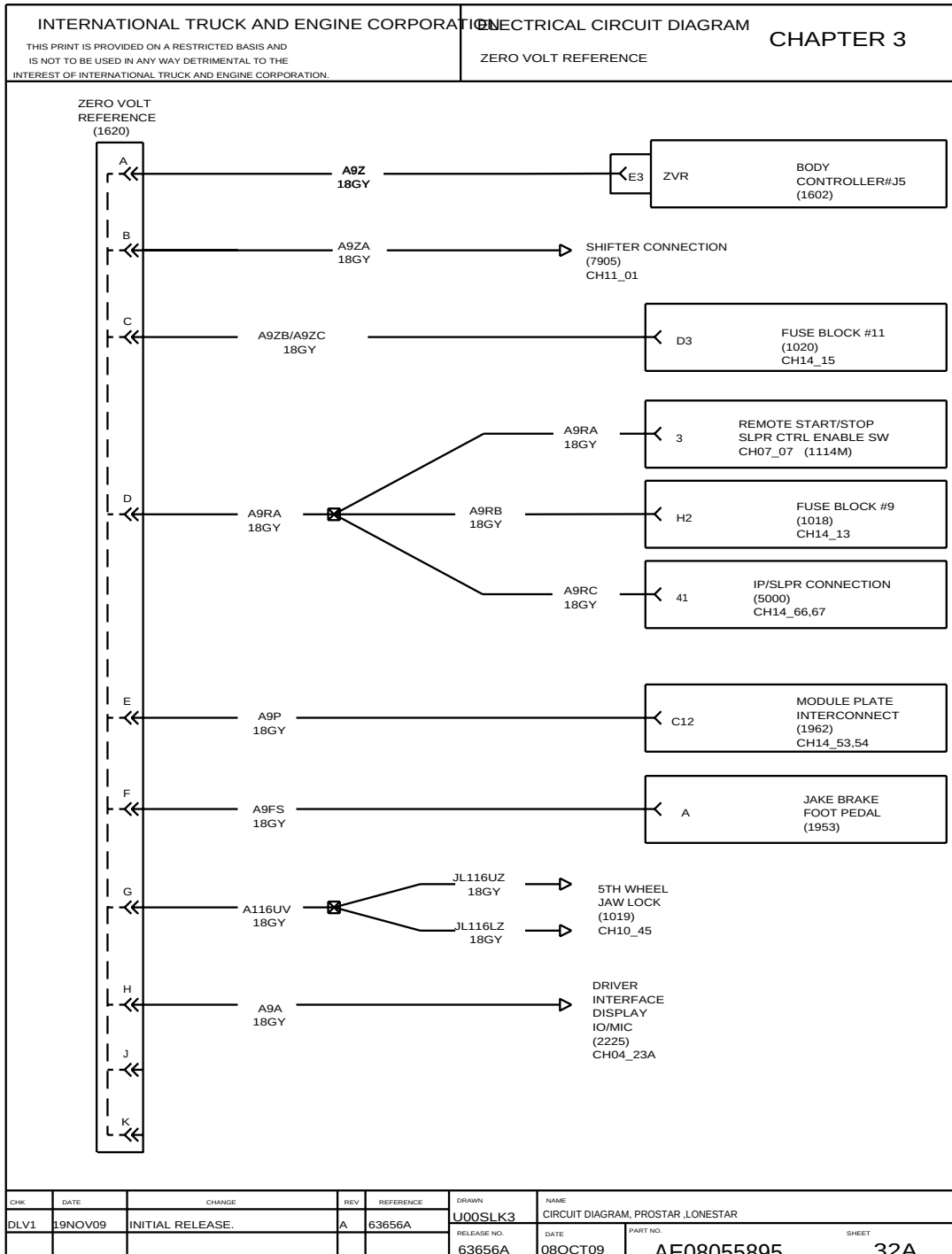


Figure 50 Zero Volt Reference

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4. CAB ACCESSORIES (CHAPTER 4)

4.1. CB POWER RADIO, P. 1

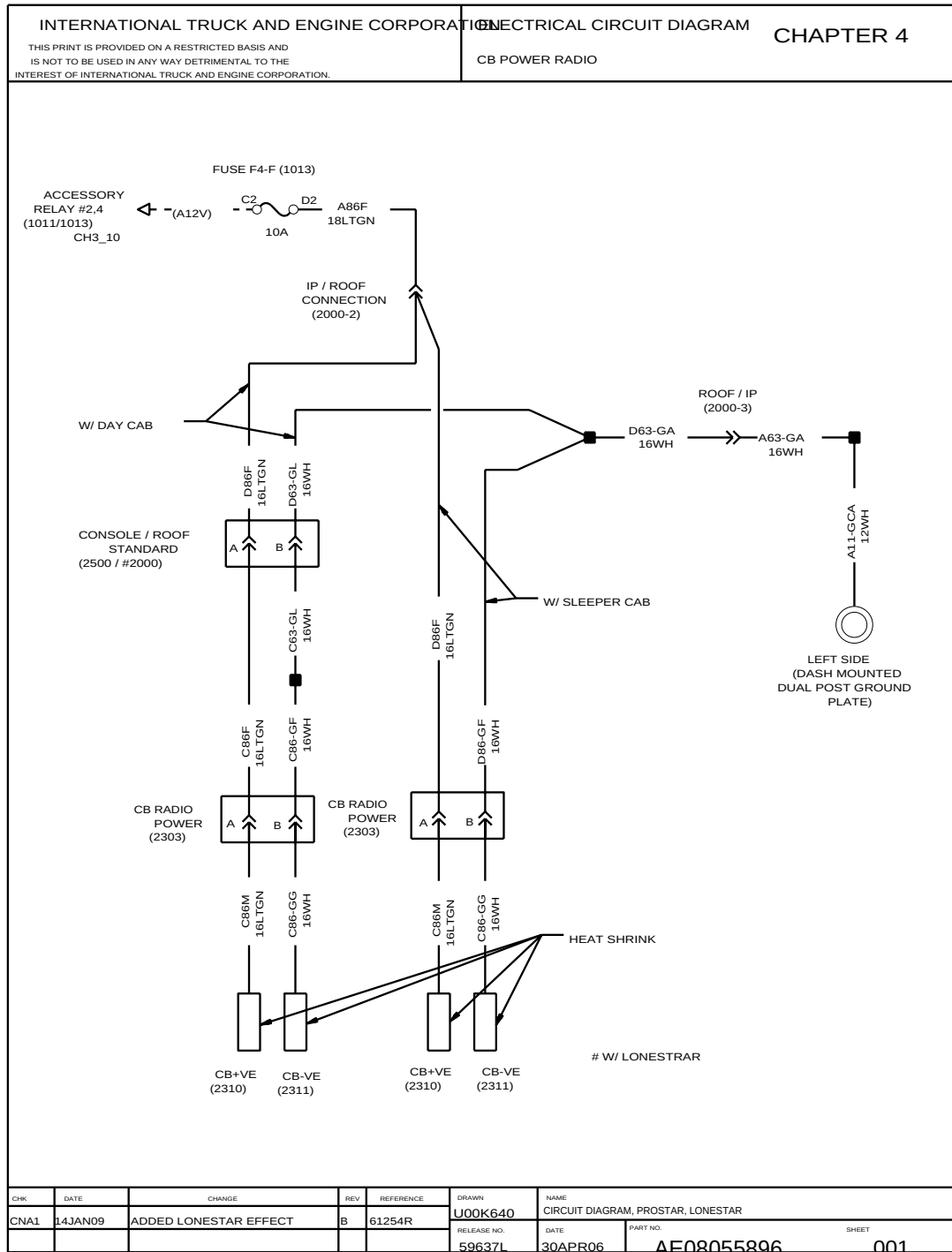


Figure 51 CB Power Radio

4.2. CIGAR LIGHTER AND TEMPERATURE DISPLAY, P. 2

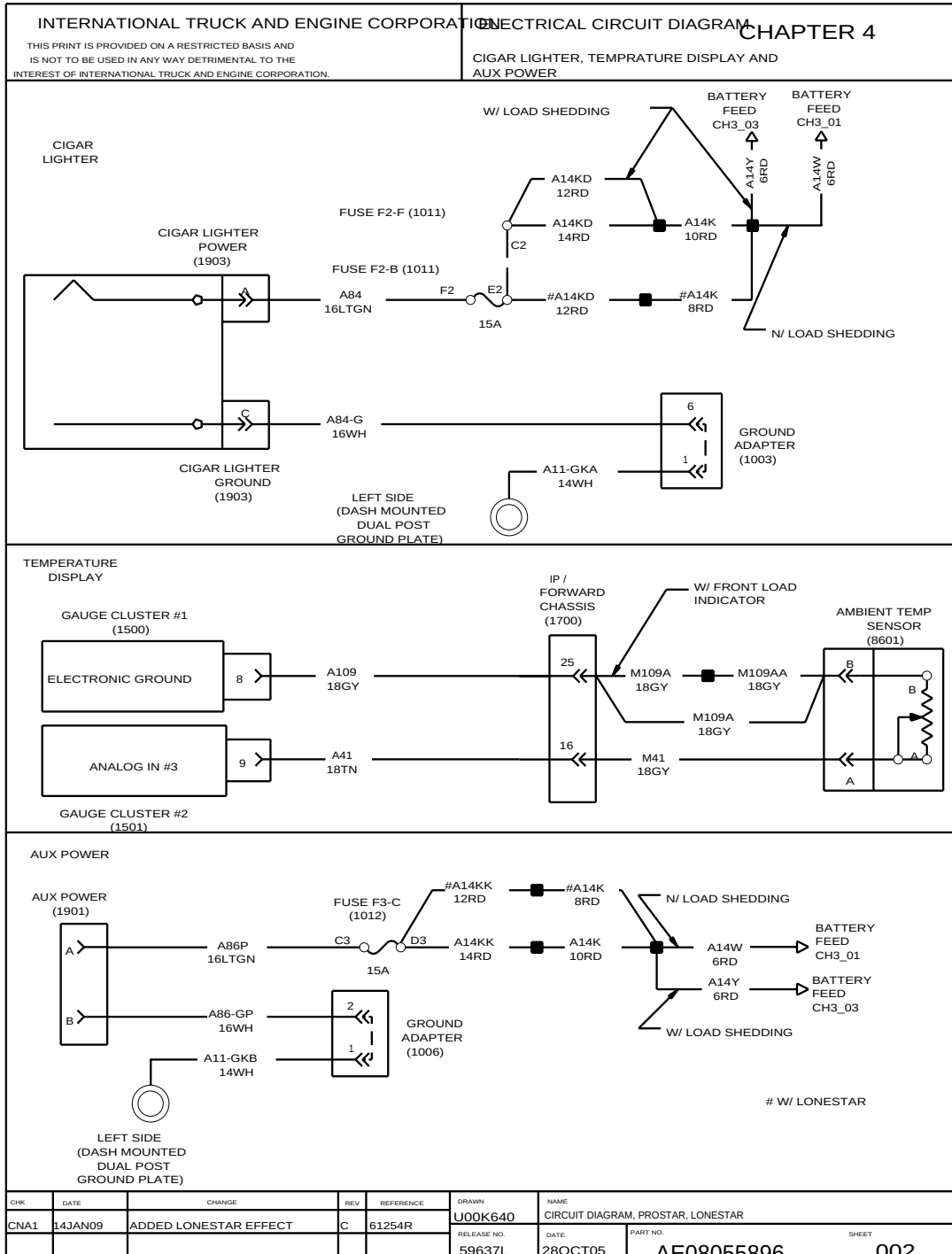


Figure 52 Cigar Lighter and Temperature Display

4.3. ELECTRIC WINDOWS AND DOOR LOCKS, P. 3

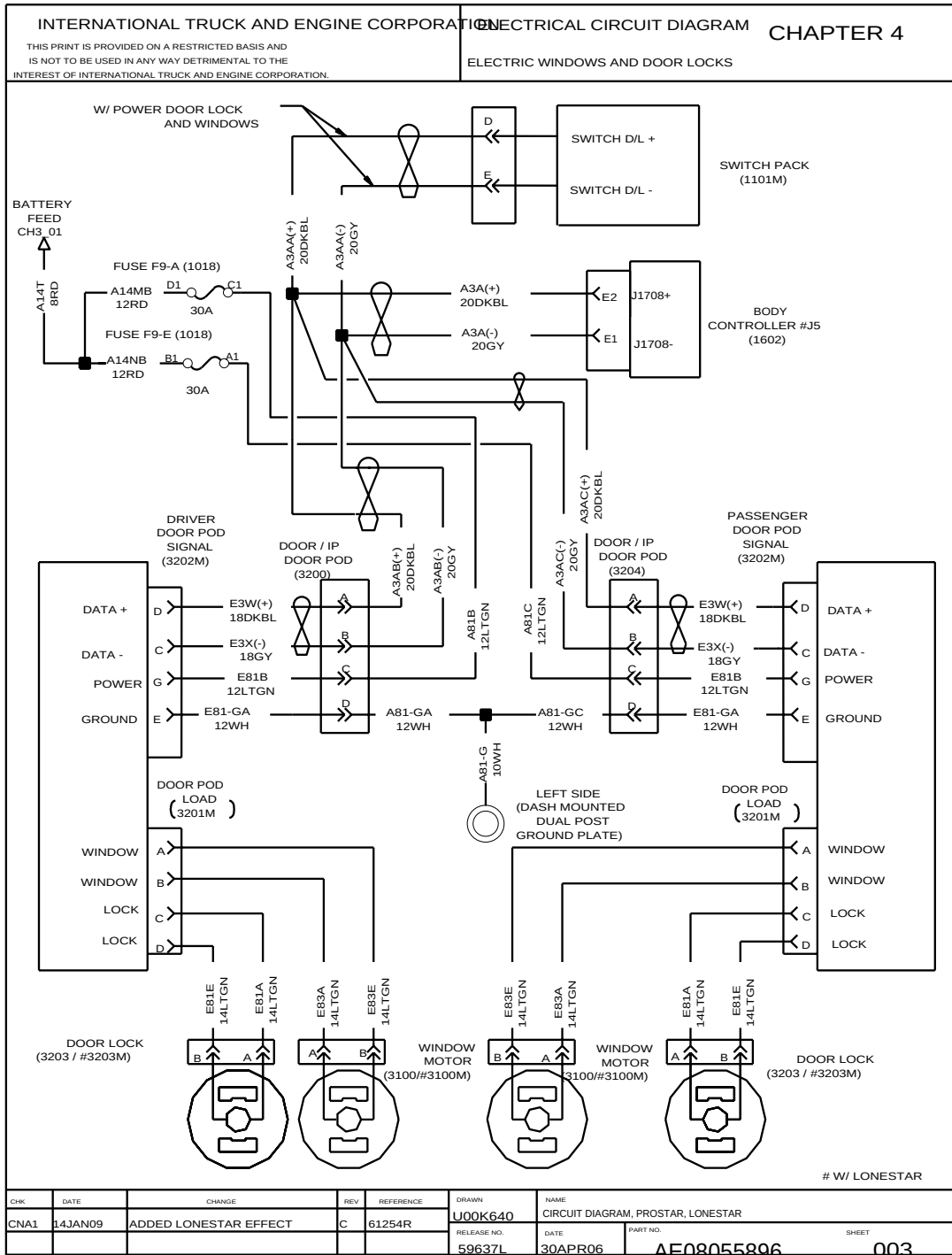


Figure 53 Electric Windows and Door Locks

4.4. ELECTRIC HORN, P. 4

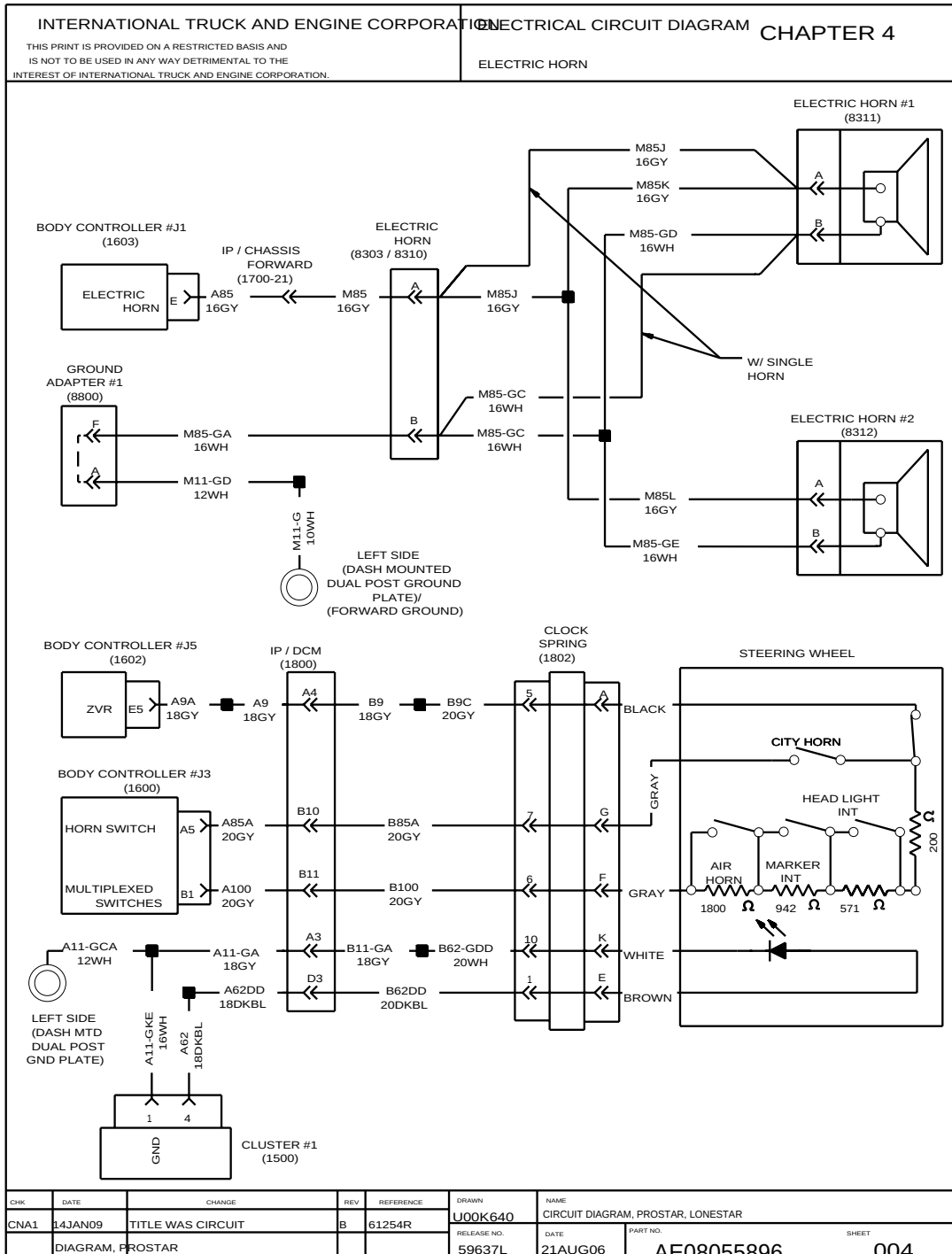


Figure 54 Electric Horn

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.5. MIRRORS HEATED AND LIGHTED, P. 5

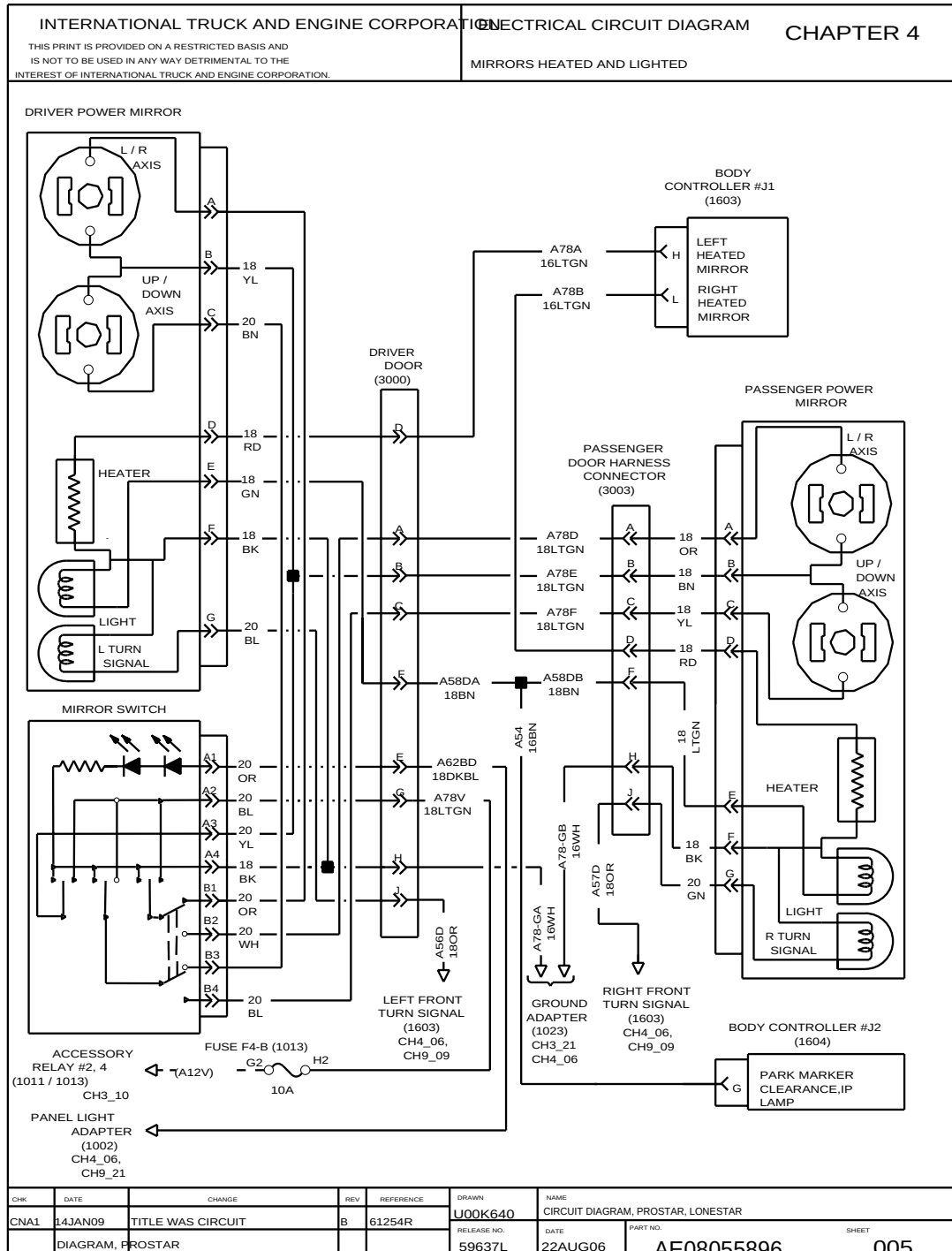


Figure 55 Mirrors Heated and Lighted

4.6. MIRRORS HEATED AND LIGHTED, P. 6

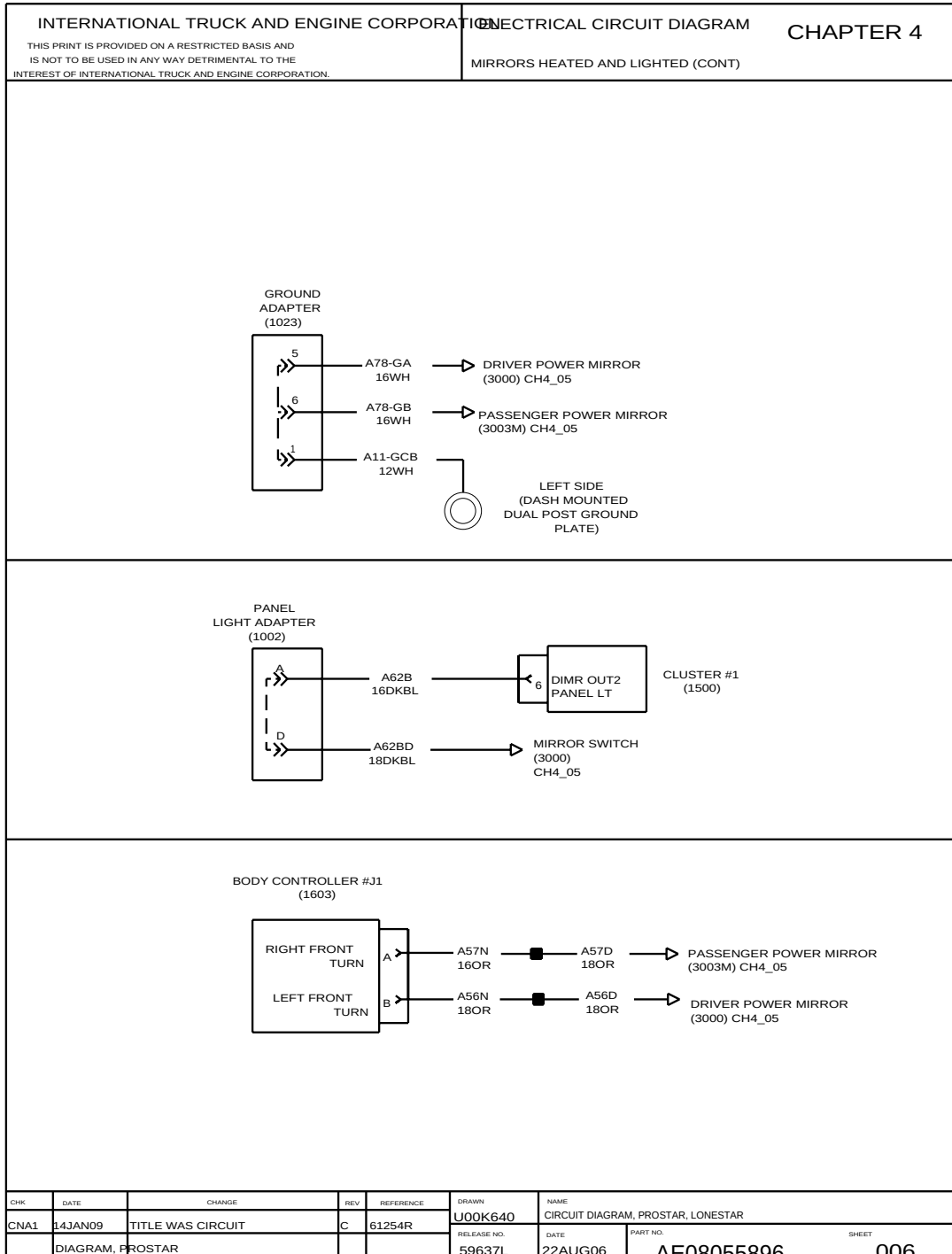


Figure 56 Mirrors Heated and Lighted

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.7. TELEMATICS, P. 7

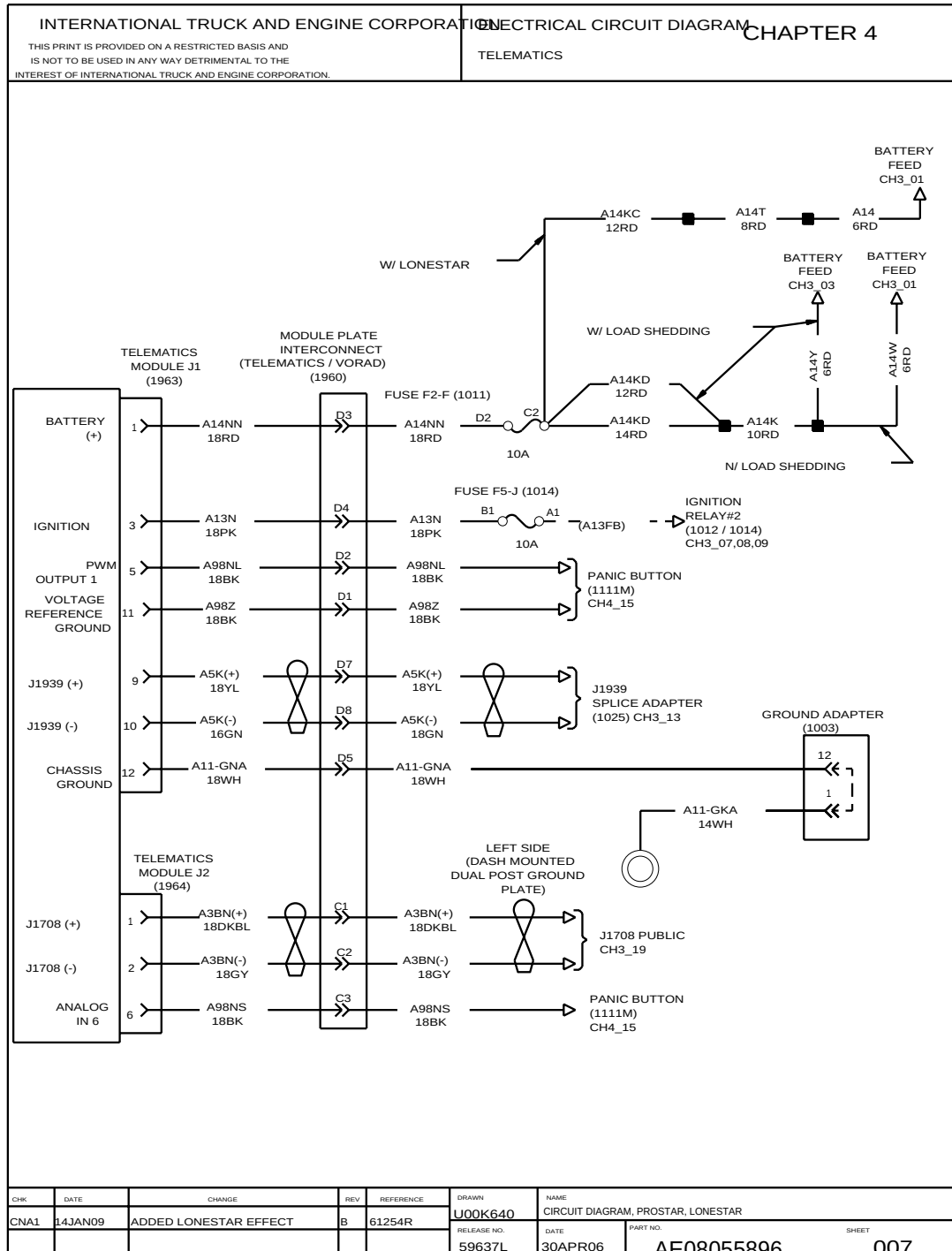


Figure 57 Telematics

4.8. SATELLITE COMMUNICATION SYSTEM — QUALCOMM TMCT DAYCAB, P. 8

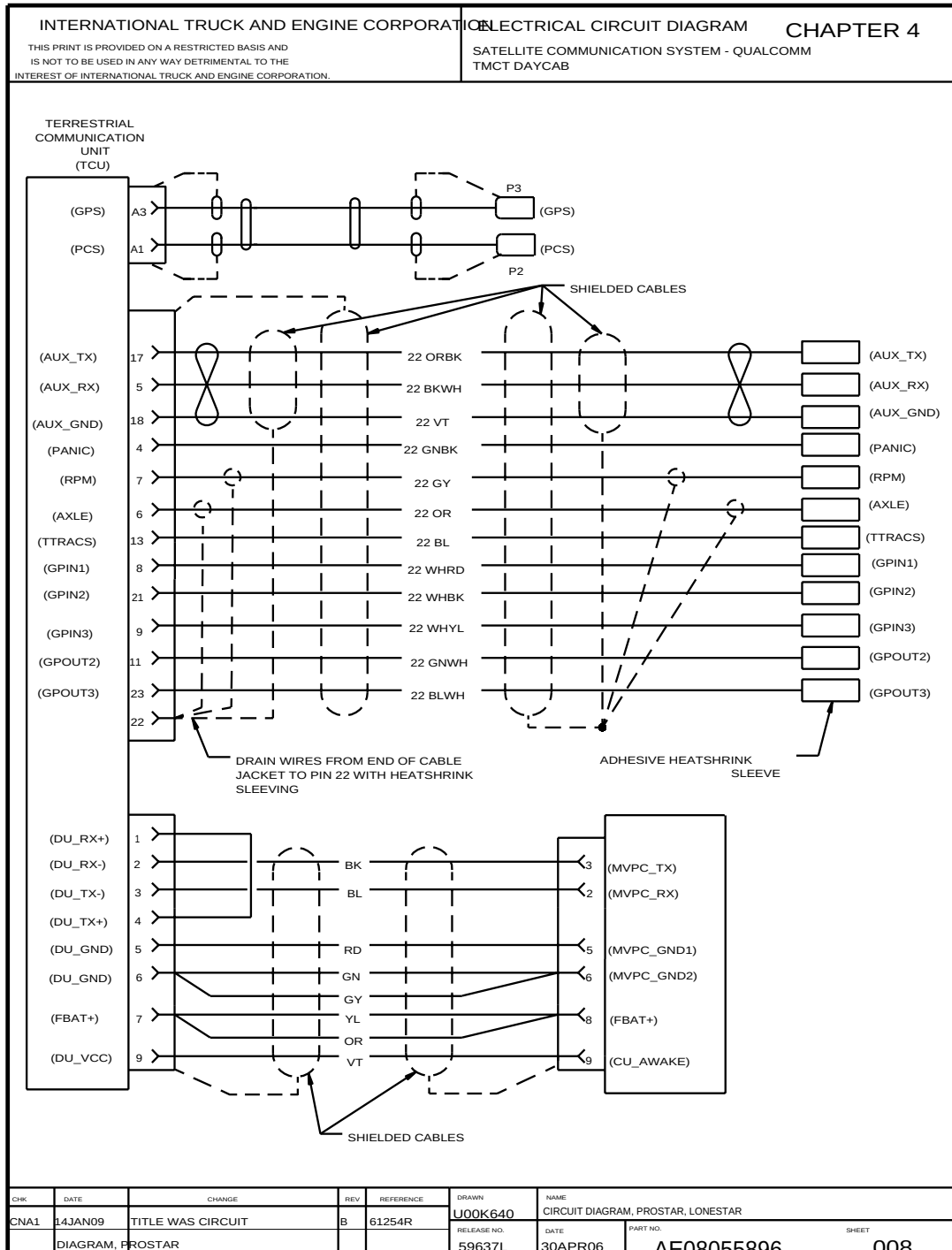


Figure 58 Satellite Communication System — Qualcomm TMCT Daycab

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS

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4.9. SATELLITE COMMUNICATION SYSTEM — QUALCOMM TMCT DAYCAB, P. 9

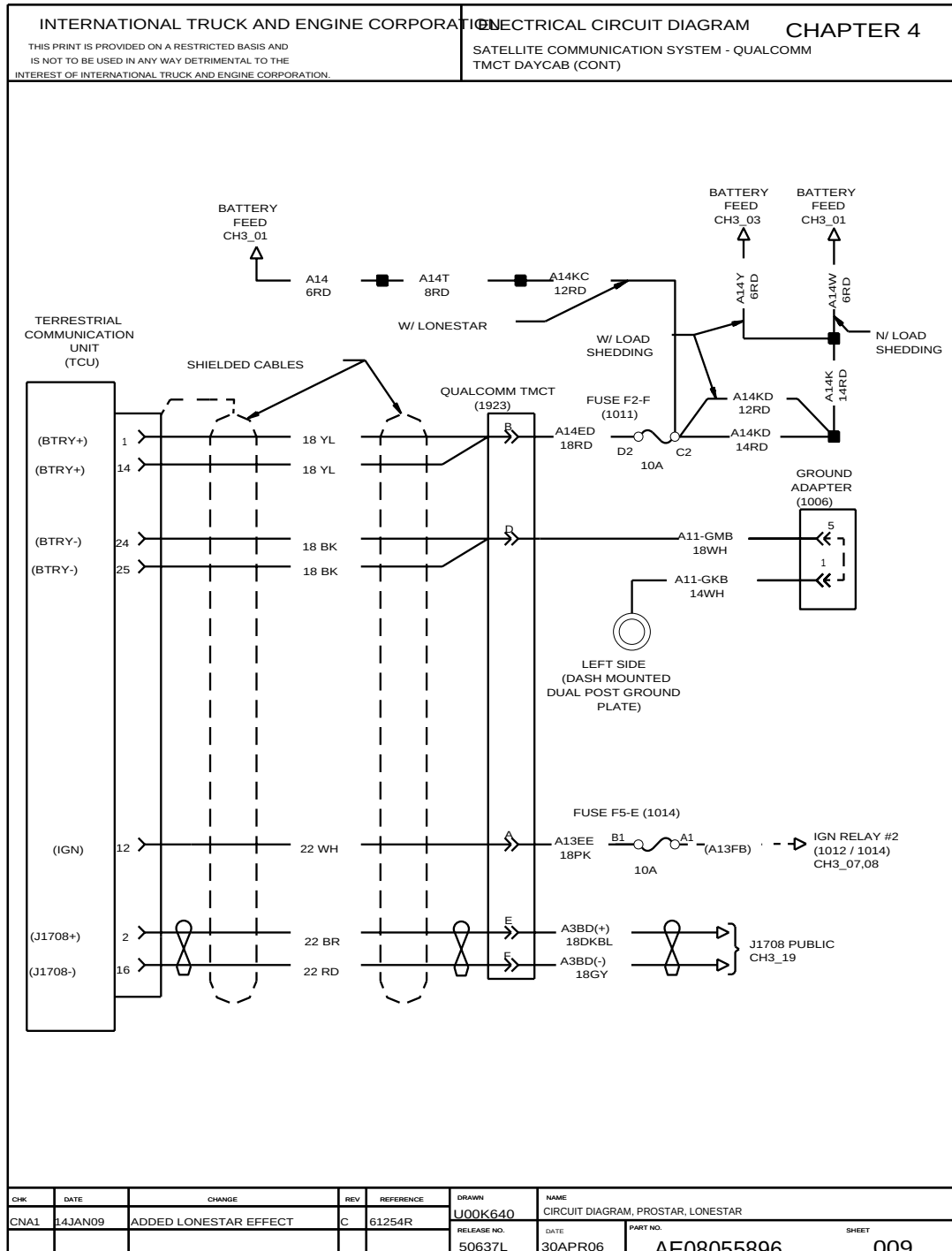


Figure 59 Satellite Communication System — Qualcomm TMCT Daycab

4.10. SATELLITE COMMUNICATION SYSTEM — QUALCOMM TMCT SLEEPER, P. 10

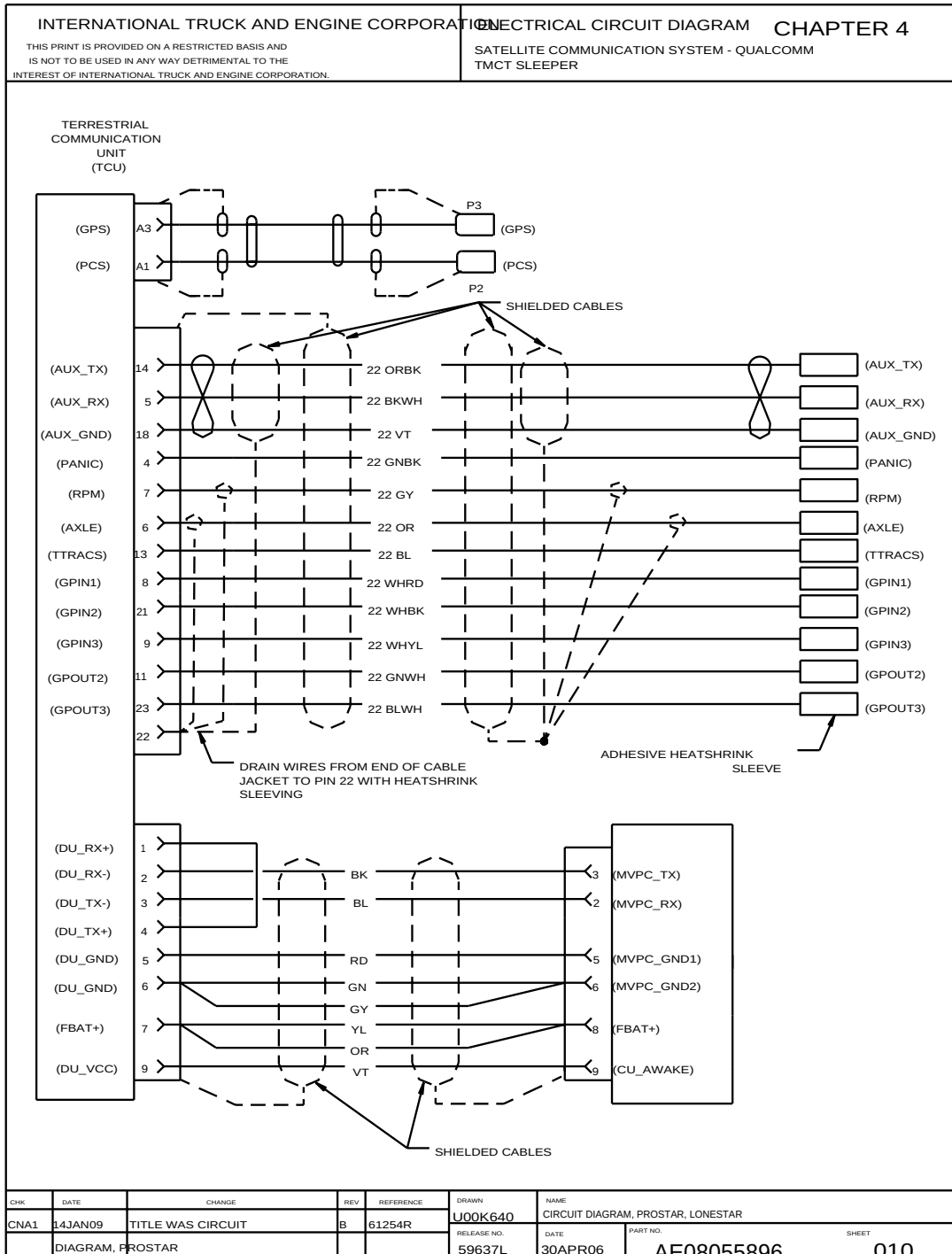


Figure 60 Satellite Communication System — Qualcomm TMCT Sleeper

4.11. SATELLITE COMMUNICATION SYSTEM — QUALCOMM TMCT SLEEPER, P. 11

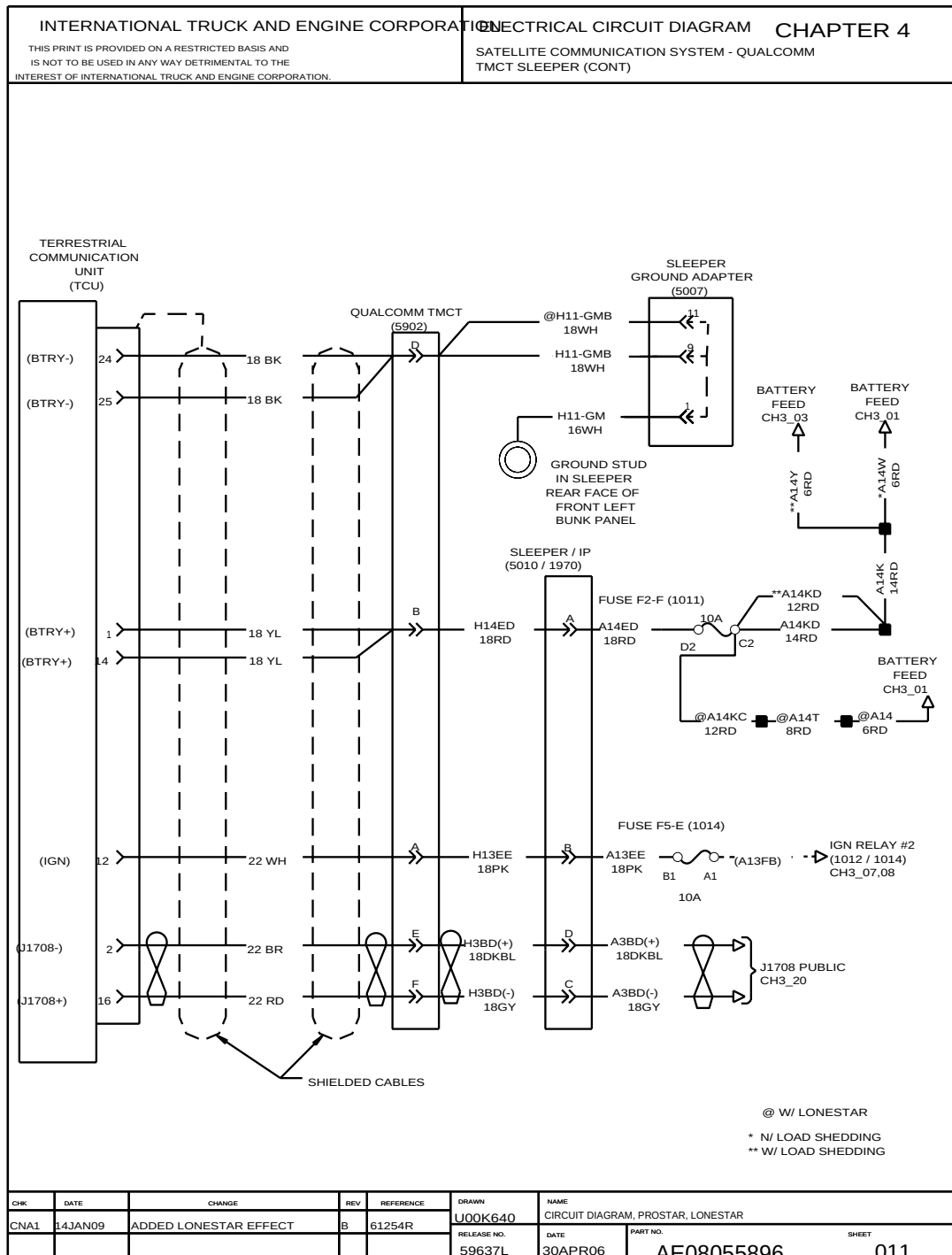


Figure 61 Satellite Communication System — Qualcomm TMCT Sleeper

4.12. SATELLITE COMMUNICATION SYSTEM — QUALCOMM IMCT, P. 12

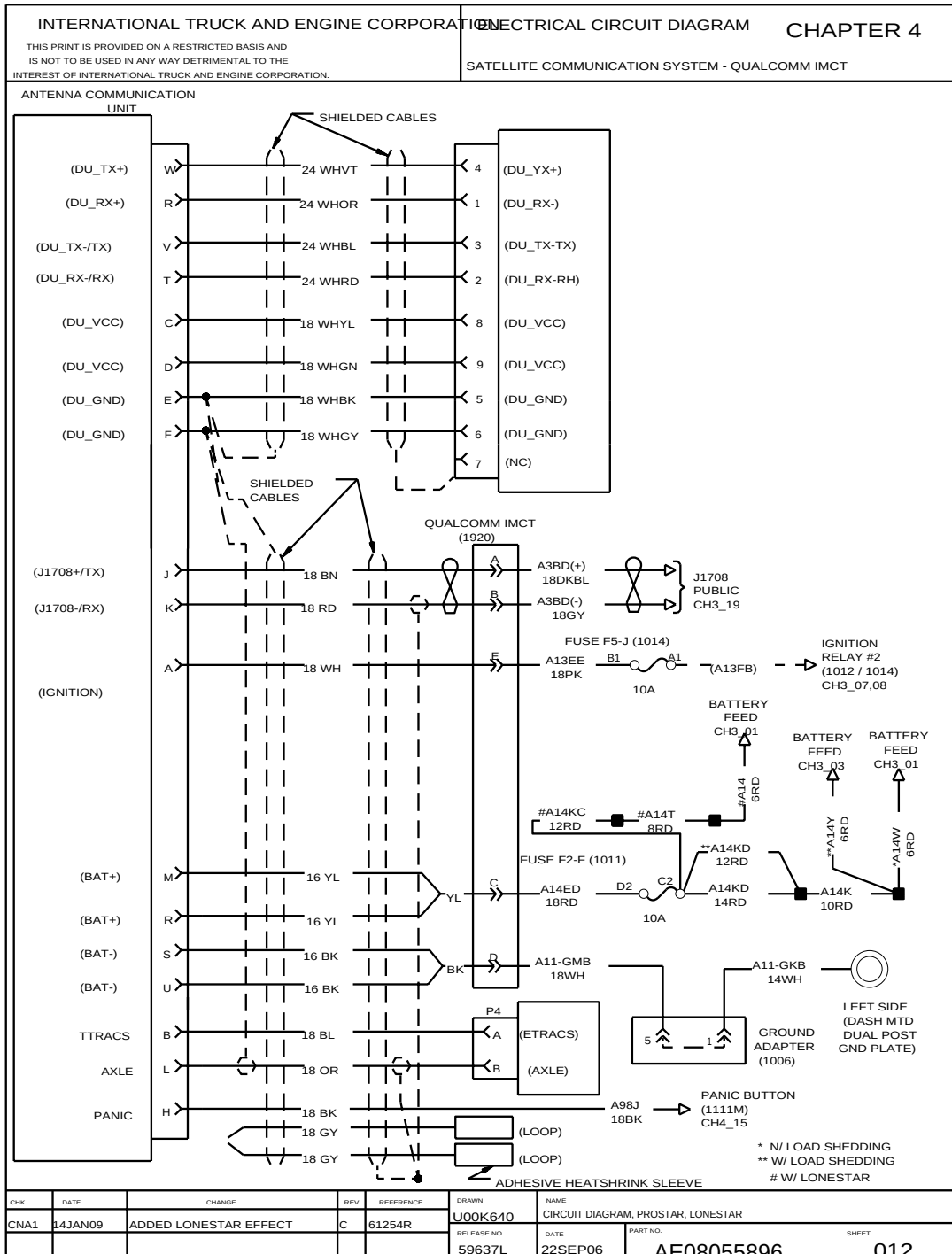


Figure 62 Satellite Communication System — Qualcomm IMCT

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.13. SATELLITE COMMUNICATION SYSTEM — QUALCOMM IMCT, P. 13

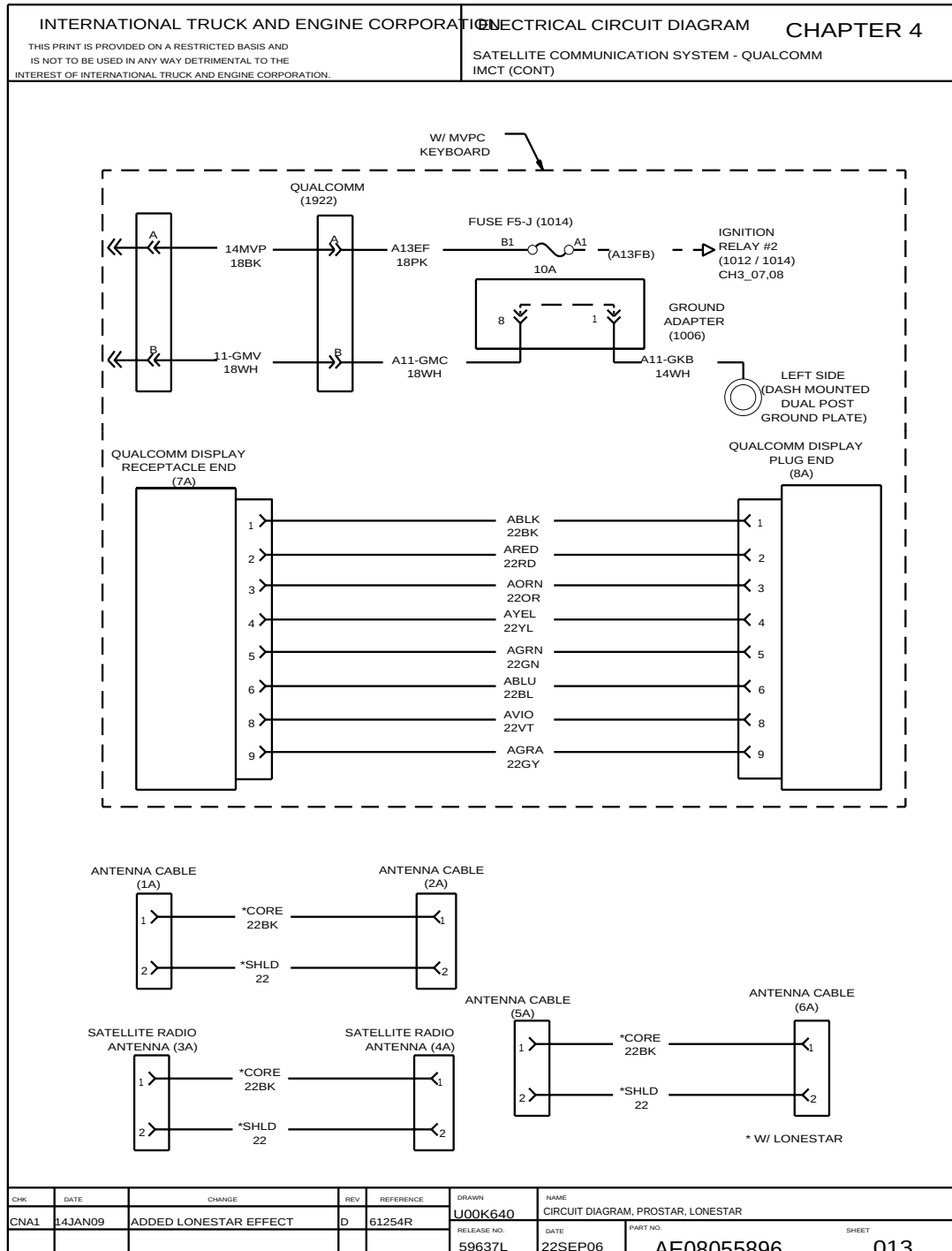


Figure 63 Satellite Communication System — Qualcomm IMCT

4.14. QUALCOMM IMCT — SLEEPER, P. 14

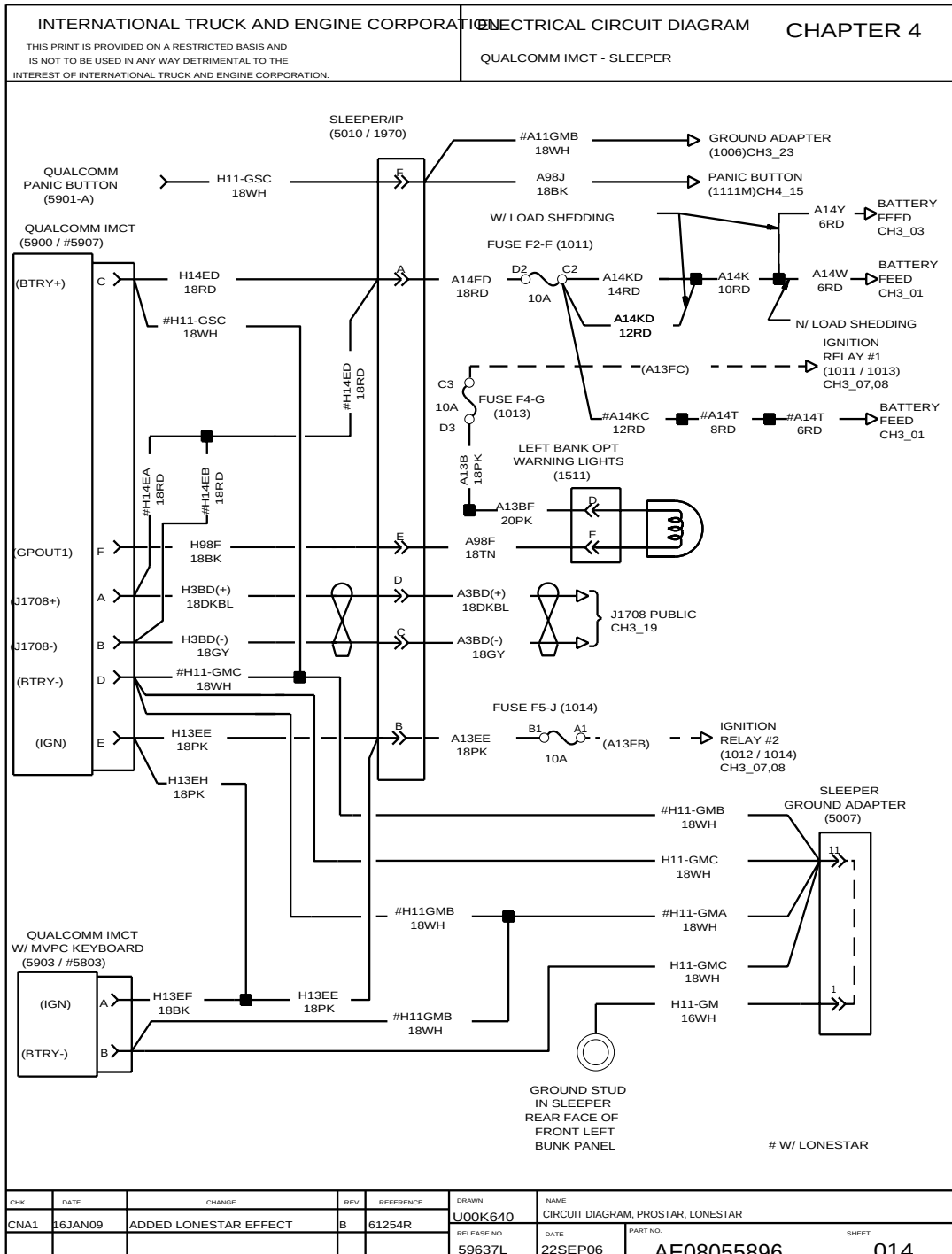


Figure 64 Qualcomm IMCT — Sleeper

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.15. PANIC BUTTON, P. 15

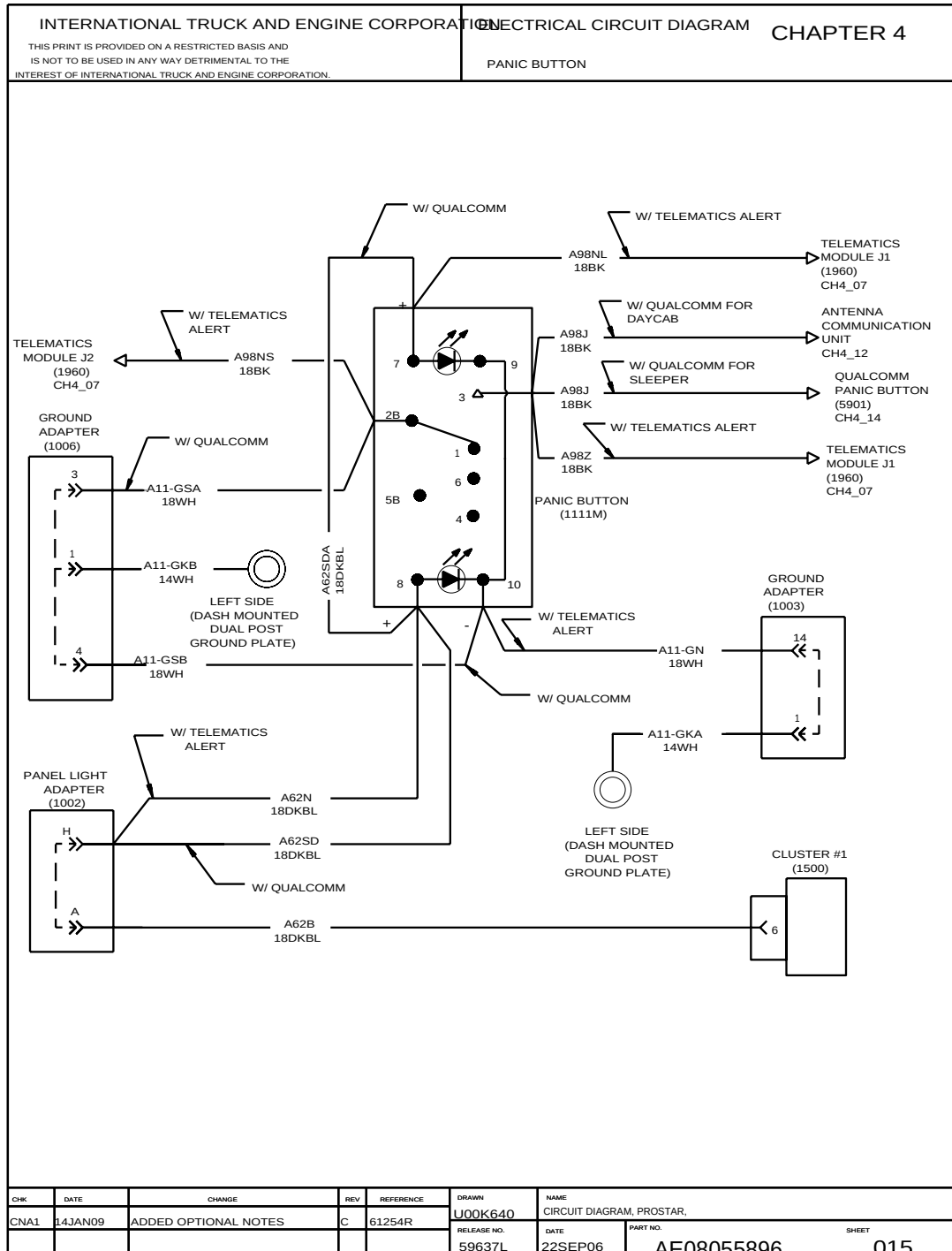


Figure 65 Panic Button

4.16. SATELLITE COMMUNICATION SYSTEM — XATA WITH DAYCAB, P. 16

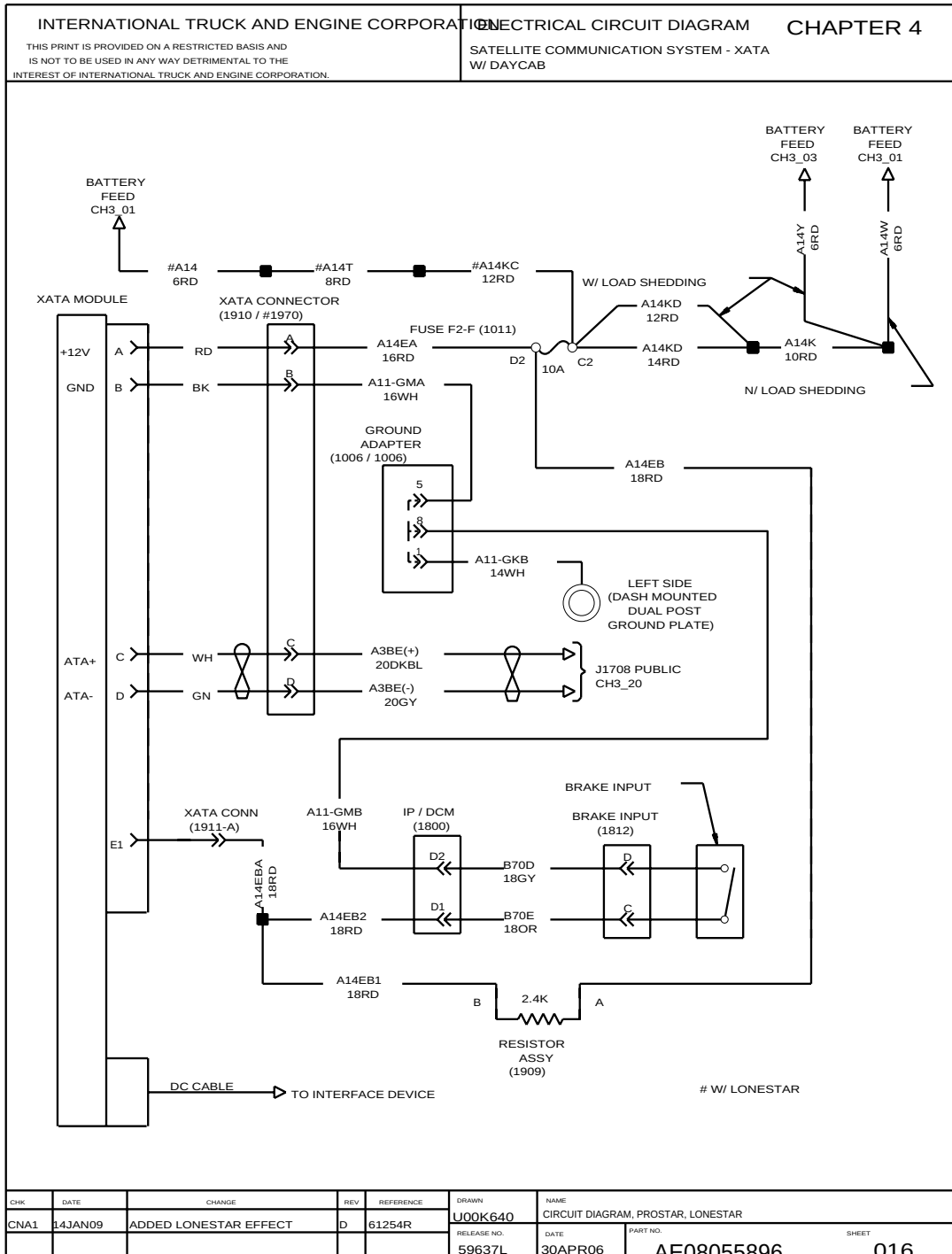


Figure 66 Satellite Communication System — XATA with Daycab

4.17. SATELLITE COMMUNICATION SYSTEM — XATA WITH SLEEPER, P. 17

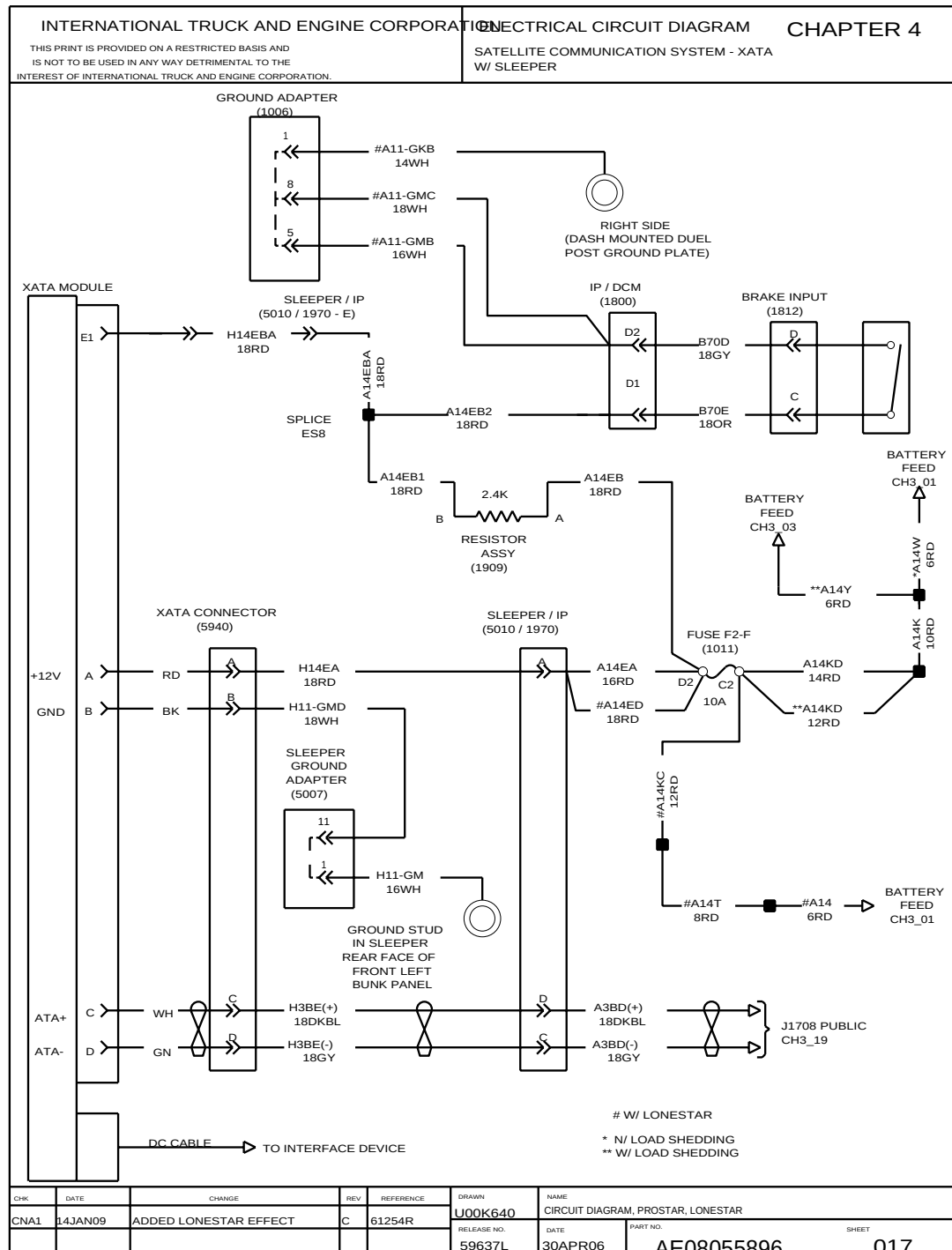


Figure 67 Satellite Communication System — XATA with Sleeper

4.18. RADIO ENTERTAINMENT, SPEAKERS, P. 18

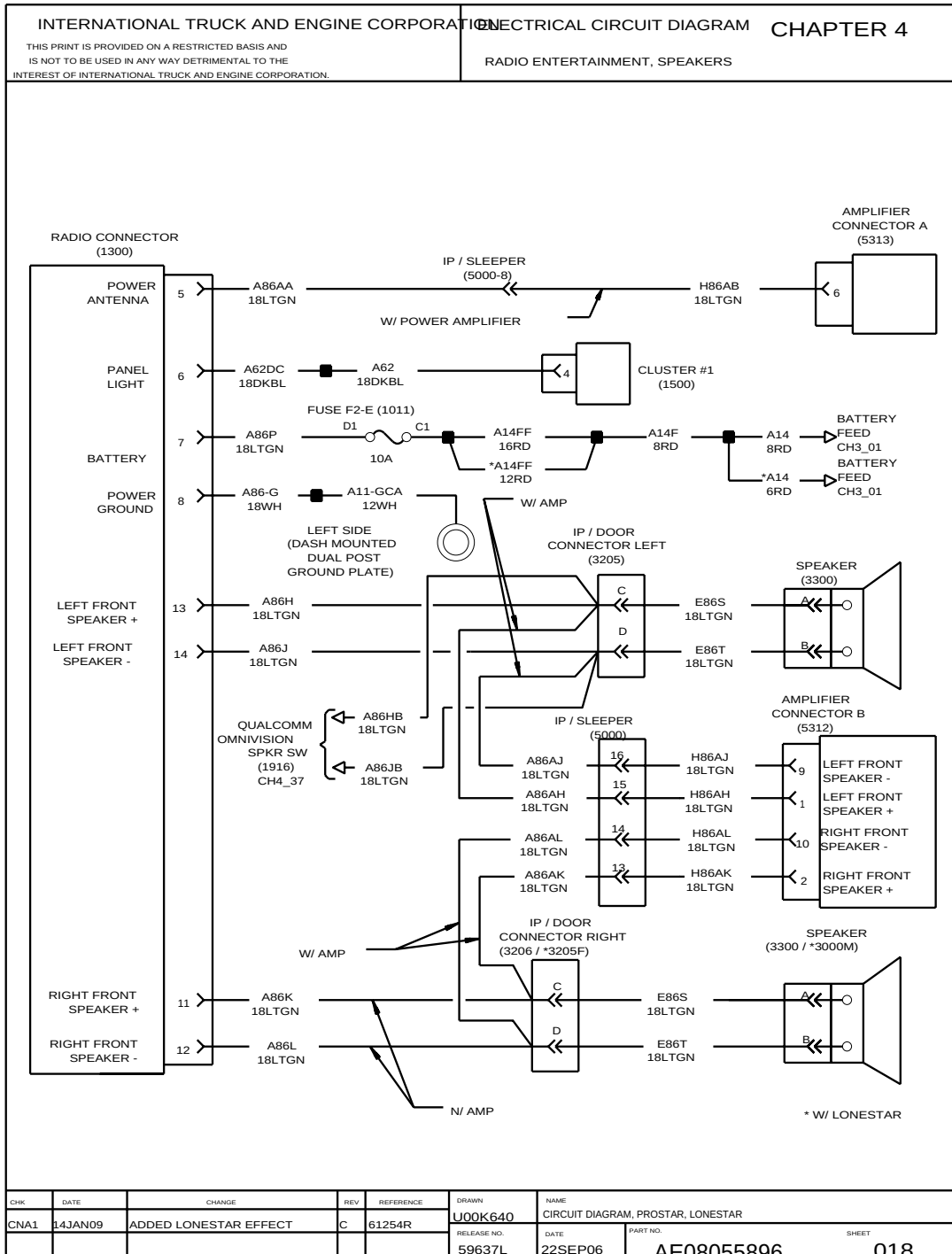


Figure 68 Radio Entertainment, Speakers

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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4.19. RADIO ENTERTAINMENT, SPEAKERS, P. 18A

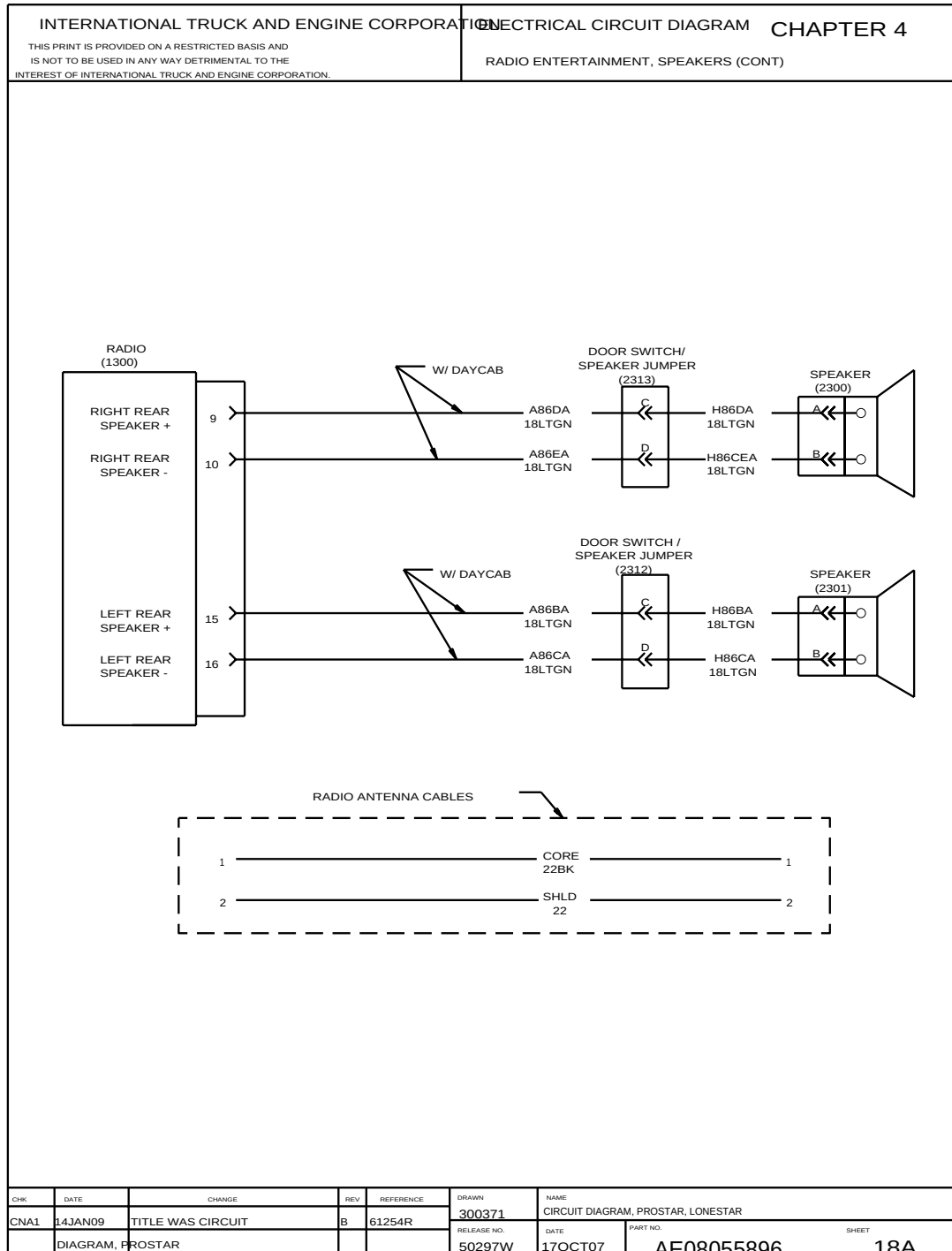


Figure 69 Radio Entertainment, Speakers

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.21. RADIO ENTERTAINMENT, SPEAKERS, P. 19A

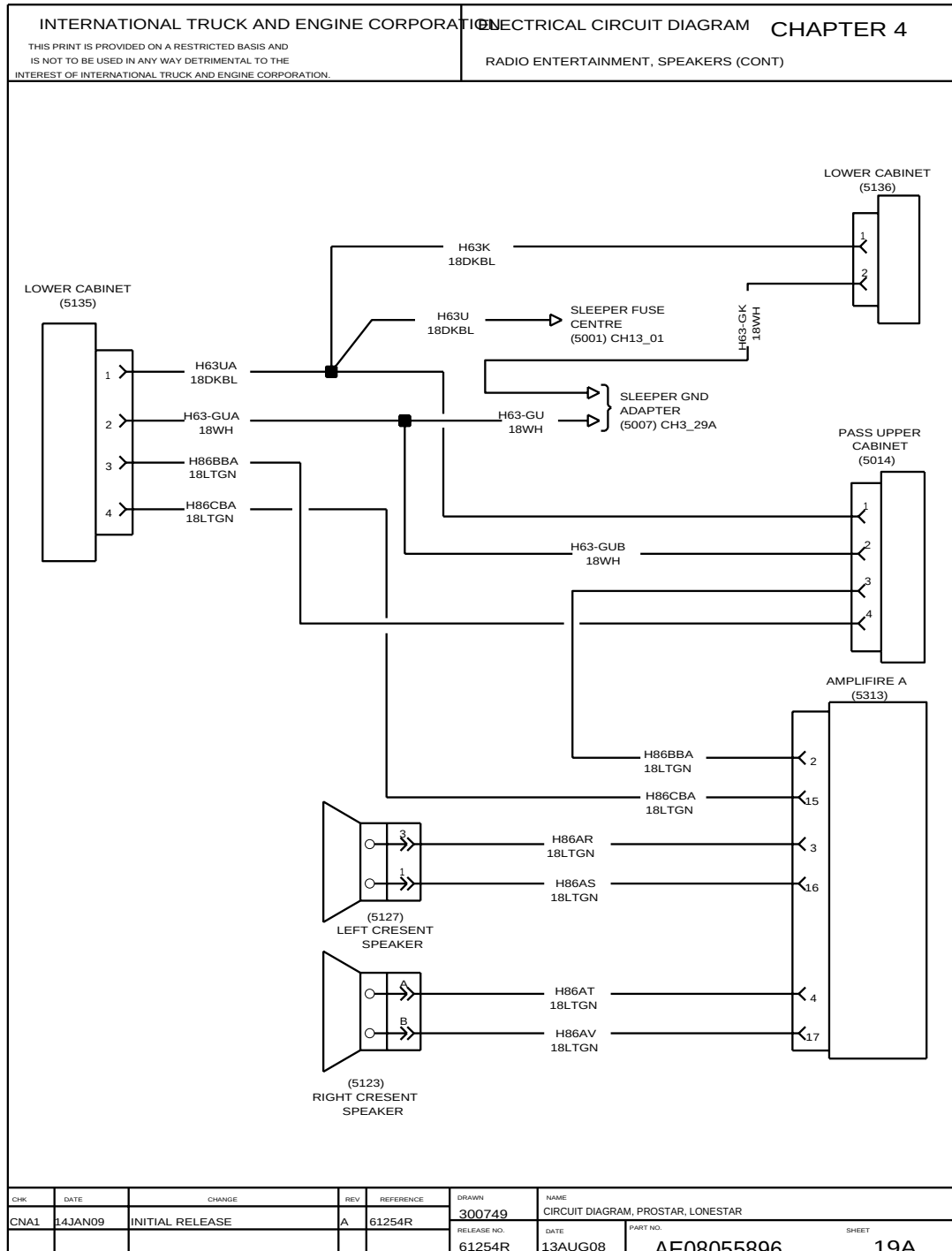


Figure 71 Radio Entertainment, Speakers

4.22. SWITCH PACK, P. 20

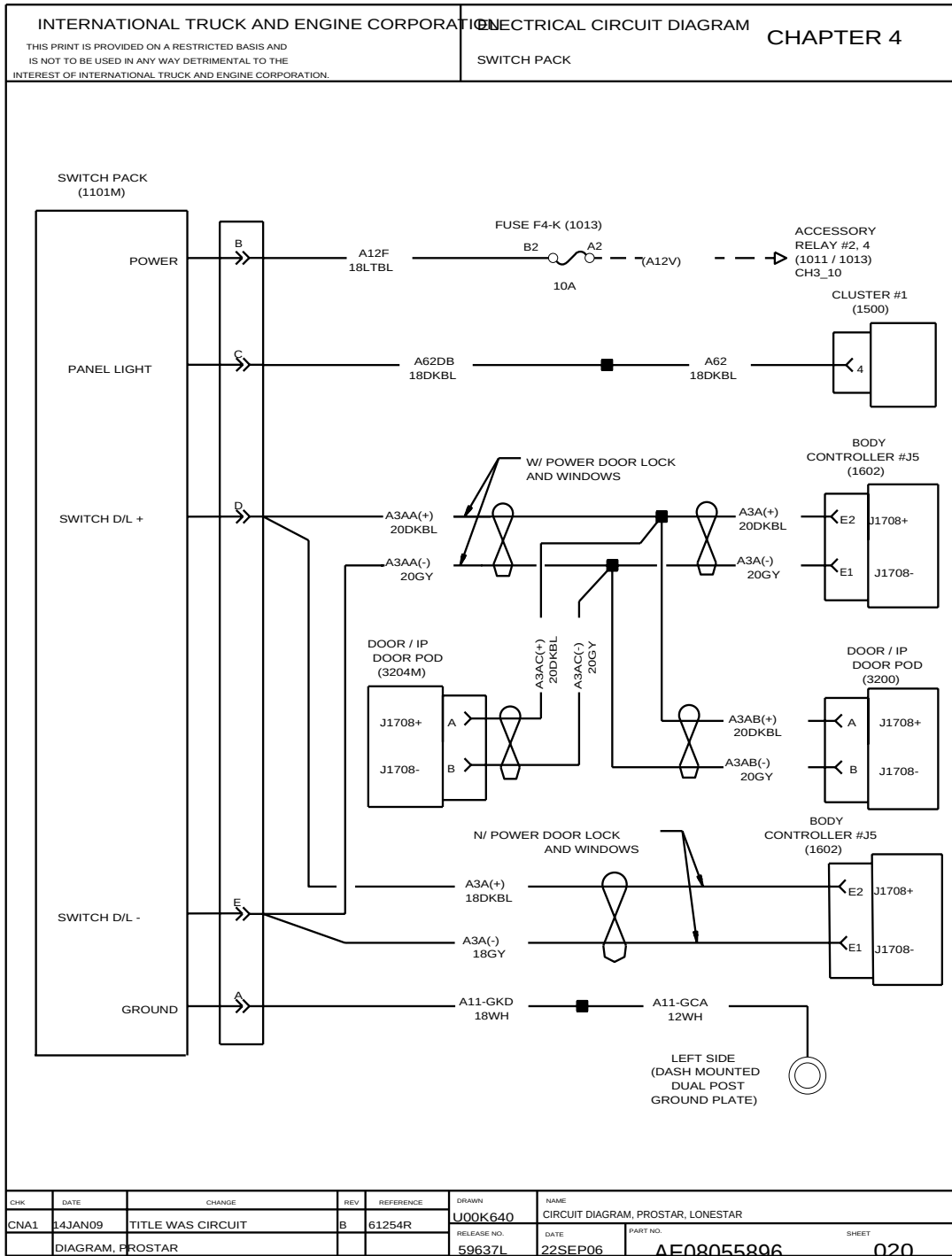


Figure 72 Switch Pack

4.23. WINDSHIELD WIPER MOTOR, P. 21

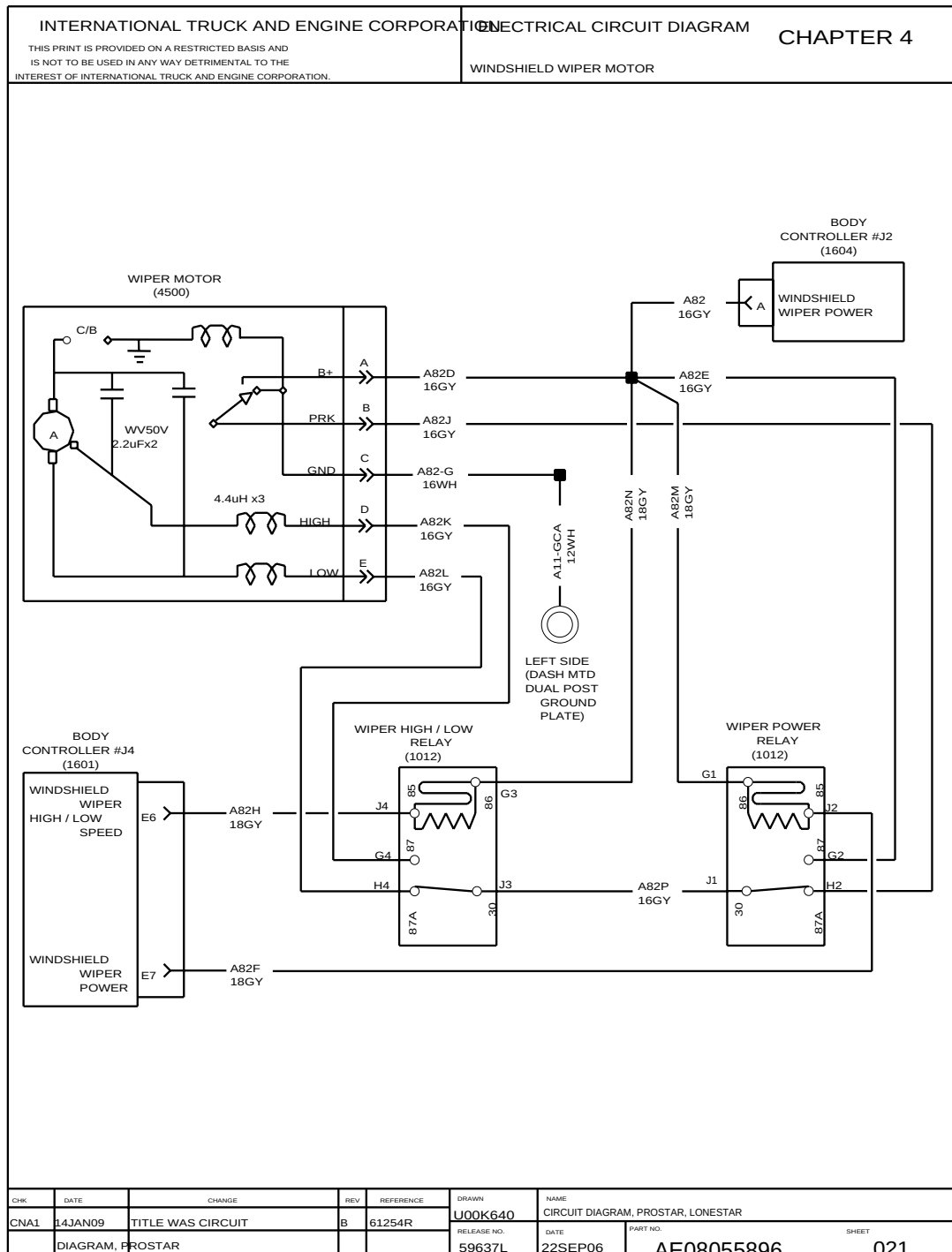


Figure 73 Windshield Wiper Motor

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.25. DISPLAY, VEHICLE INFORMATION (VID), P. 23

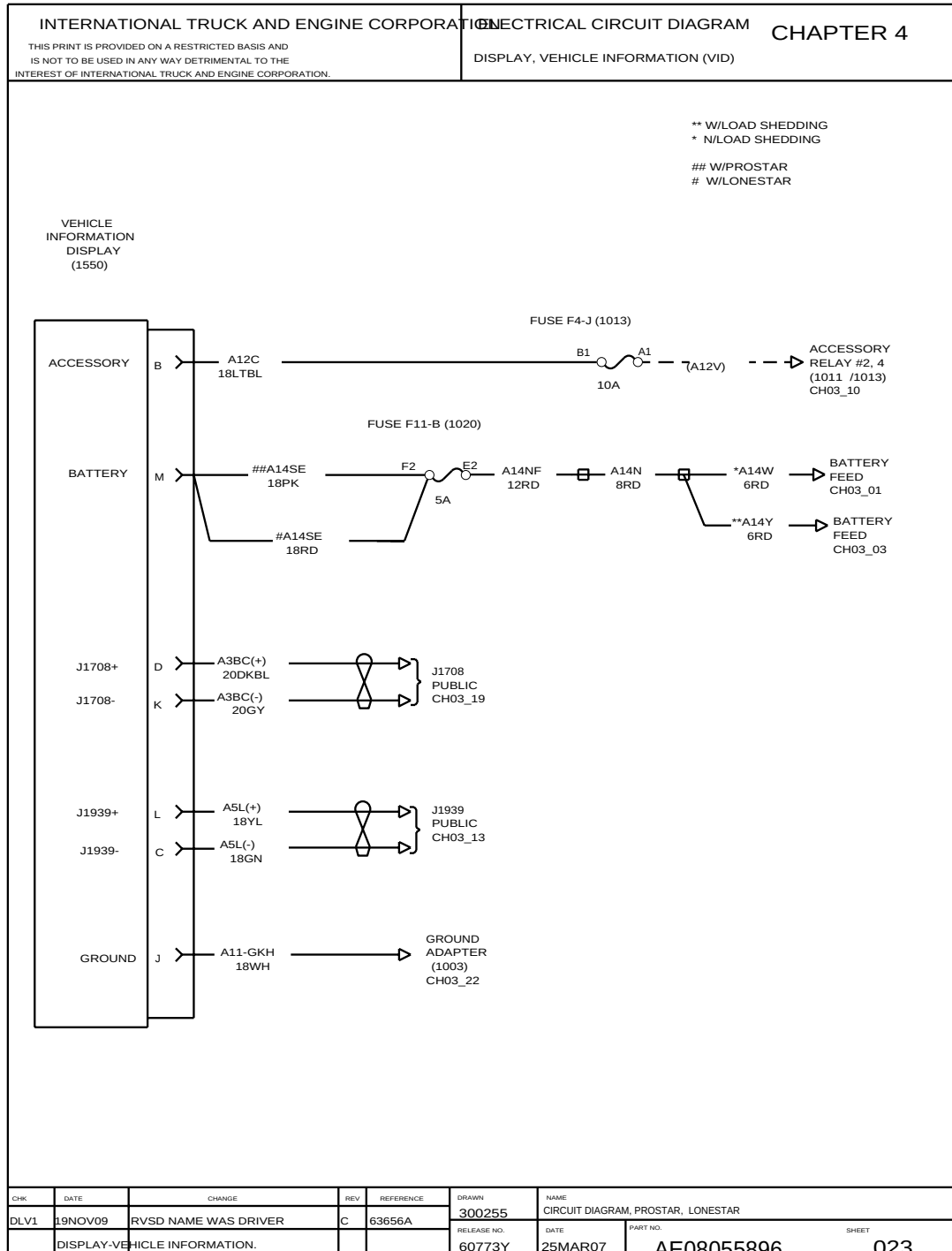


Figure 75 Display, Vehicle Information (VID)

4.26. DISPLAY, DRIVER INTERFACE (DID), P. 23A

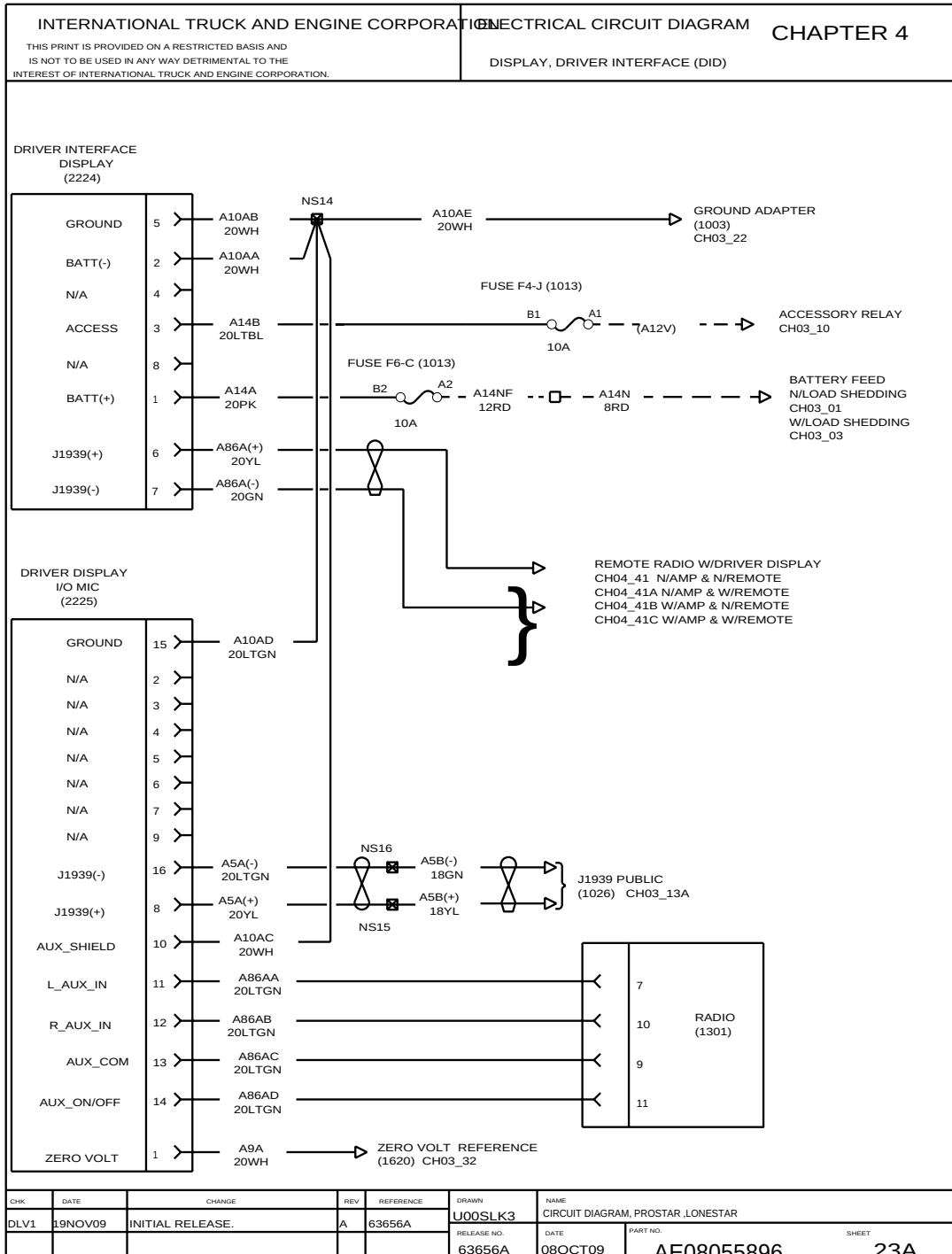


Figure 76 Display, Driver Interface (DID)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.27. CAT MESSENGER DISPLAY, P. 24

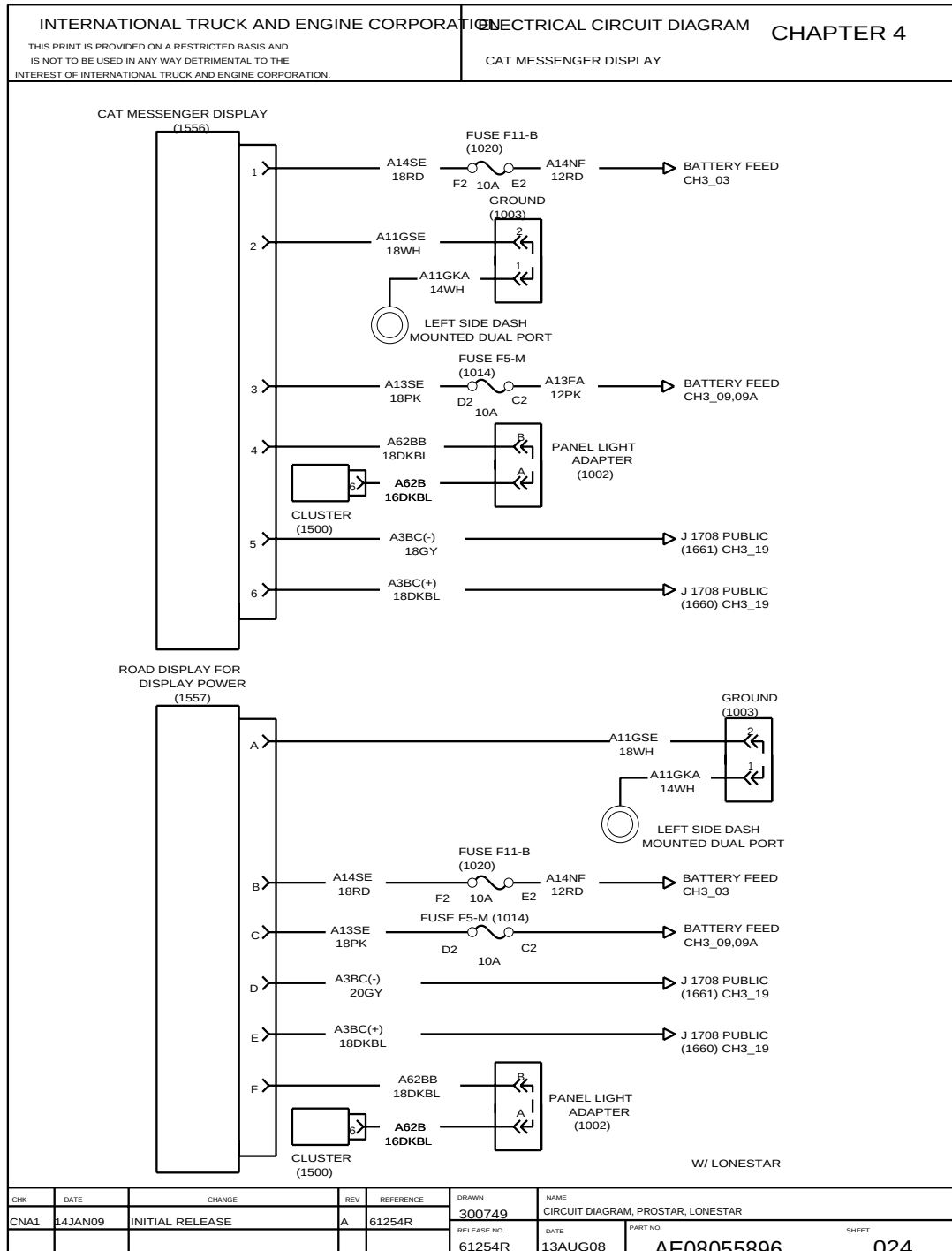


Figure 77 CAT Messenger Display

4.28. BEACON LIGHT SWITCH — FOR DUAL CUSTOMER ACCESSORY, P. 25

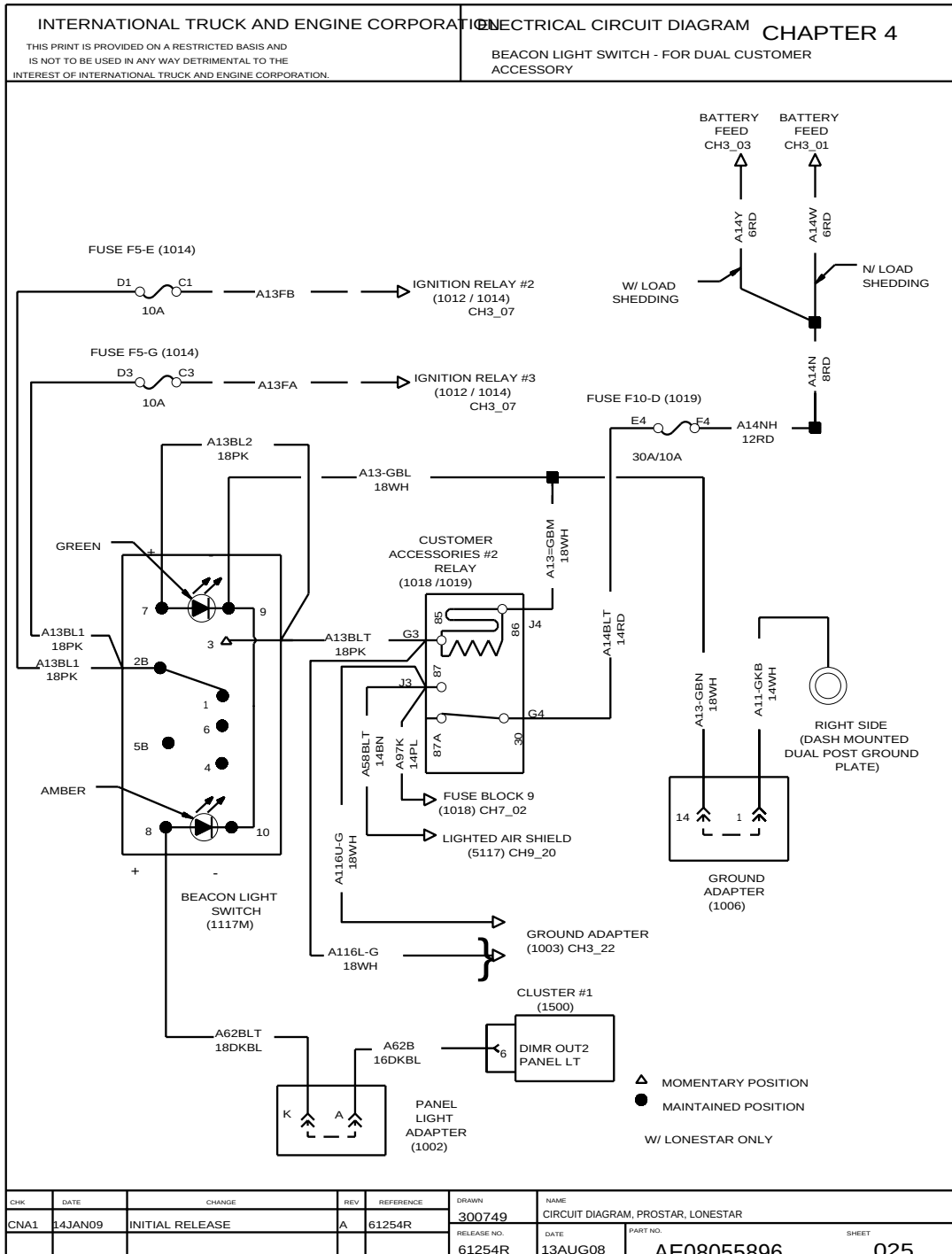
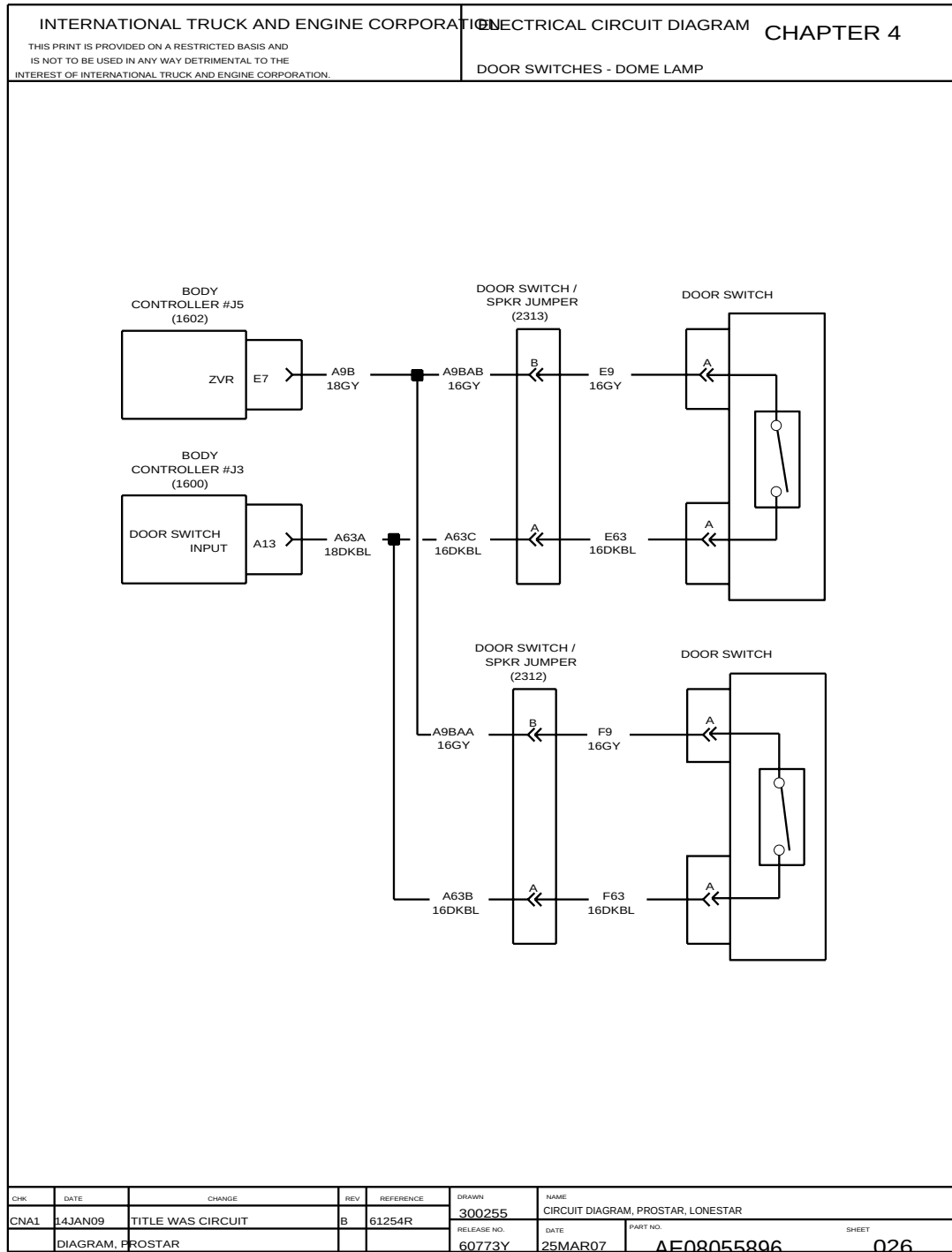


Figure 78 Beacon Light Switch — for Dual Customer Accessory

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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4.29. DOOR SWITCHES — DOME LAMP, P. 26**Figure 79 Door Switches — Dome Lamp**

4.30. SPARE SWITCH — FOR SINGLE CUSTOMER ACCESSORY, P. 27

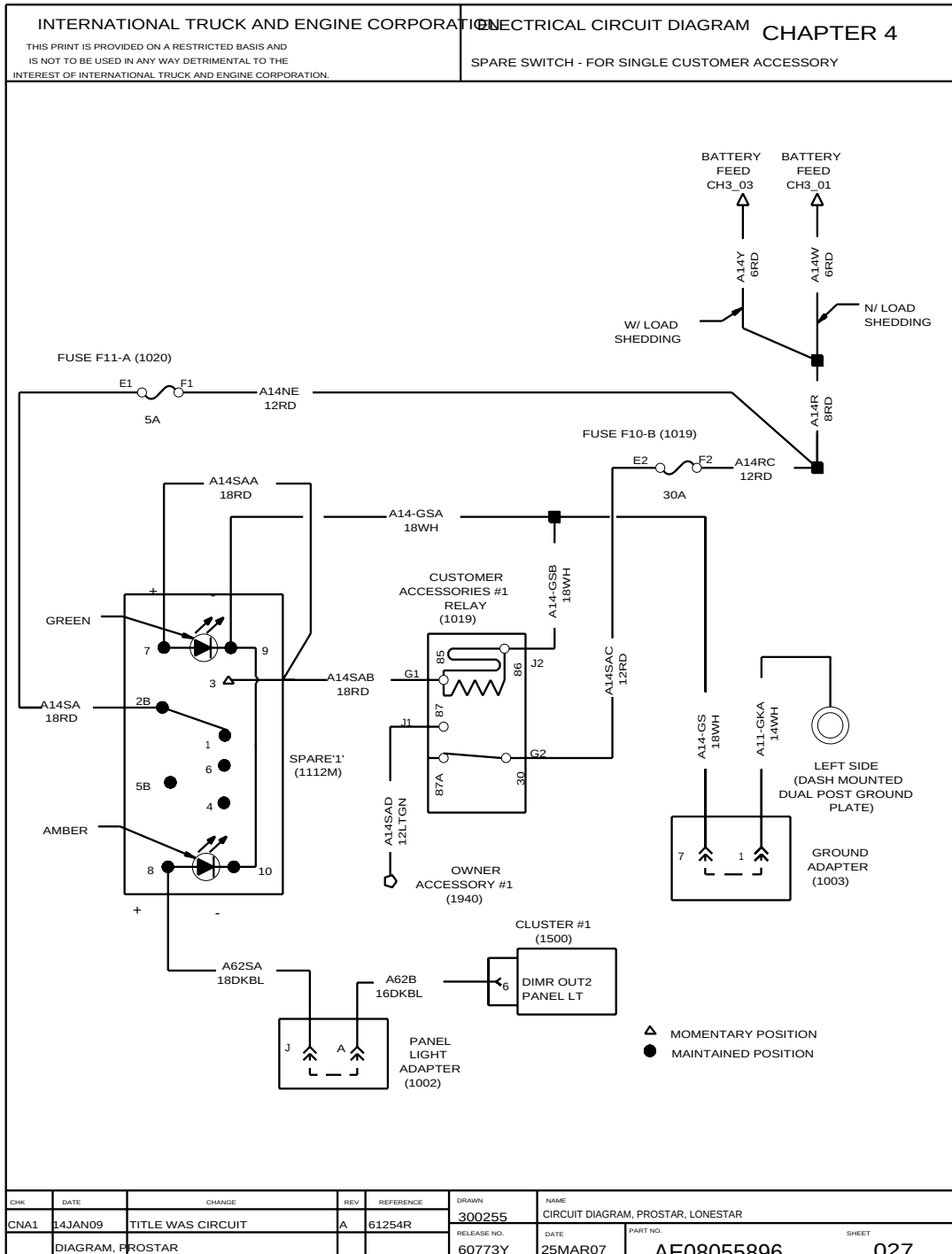


Figure 80 Spare Switch — For Single Customer Accessory

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.31. SPARE SWITCH — FOR DUAL CUSTOMER ACCESSORY, P. 28

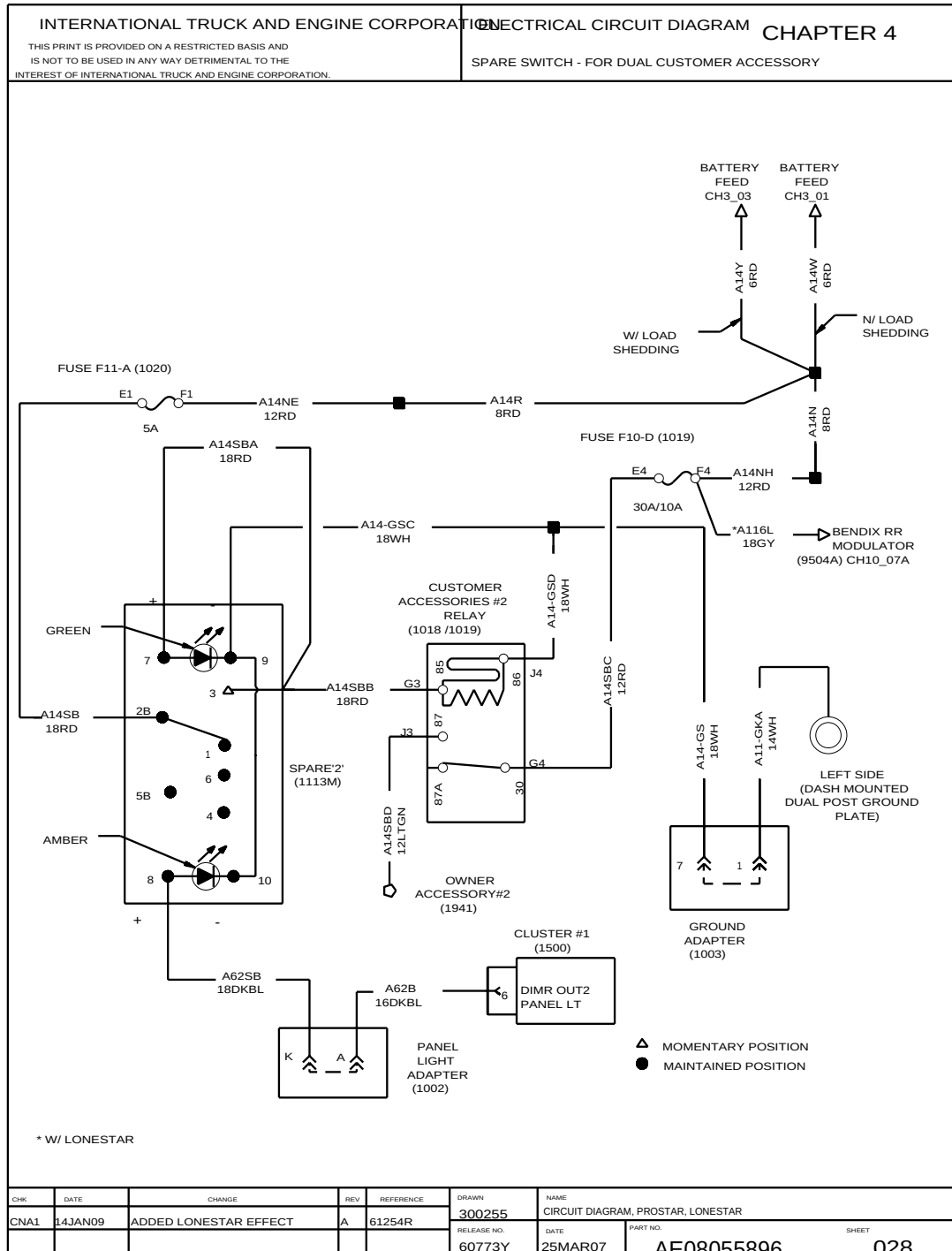


Figure 81 Spare Switch — For Dual Customer Accessory

4.32. EATON VORAD EVT-300 SYSTEM, P. 29

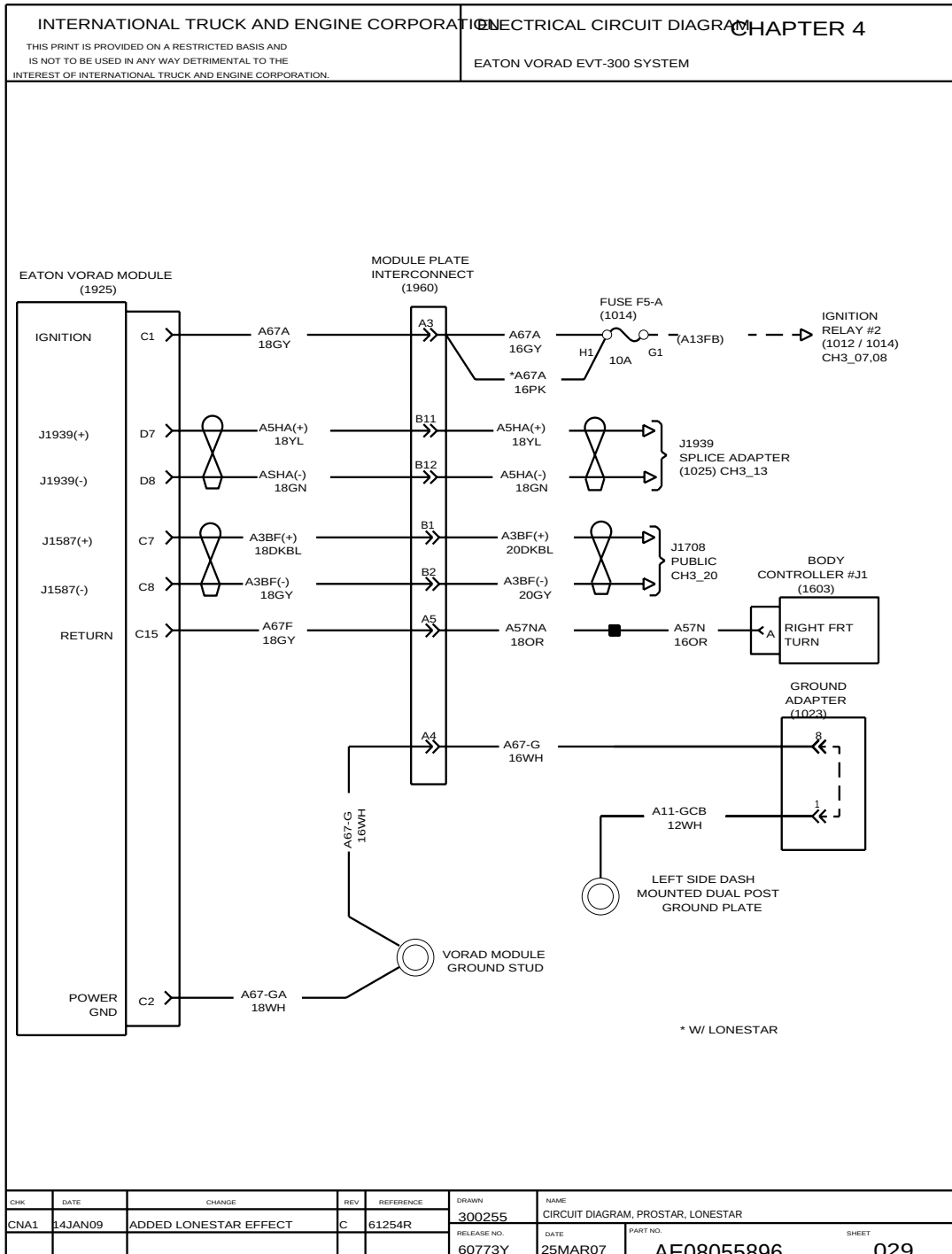


Figure 82 Eaton Vorad EVT-300 System

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.33. EATON VORAD EVT-300 SYSTEM, P. 30

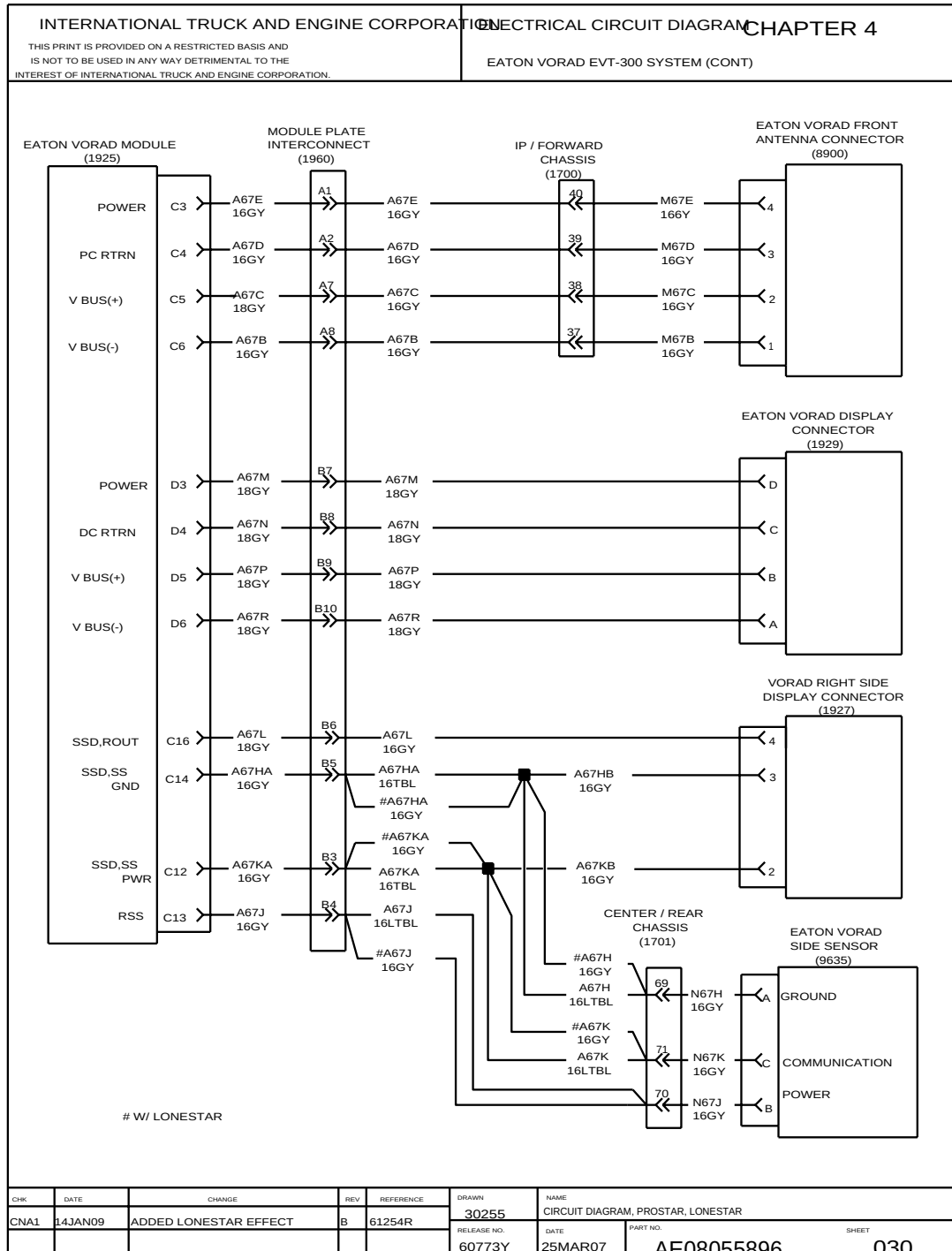


Figure 83 Eaton Vorad EVT-300 System

4.34. EATON VORAD VS-400, P. 31

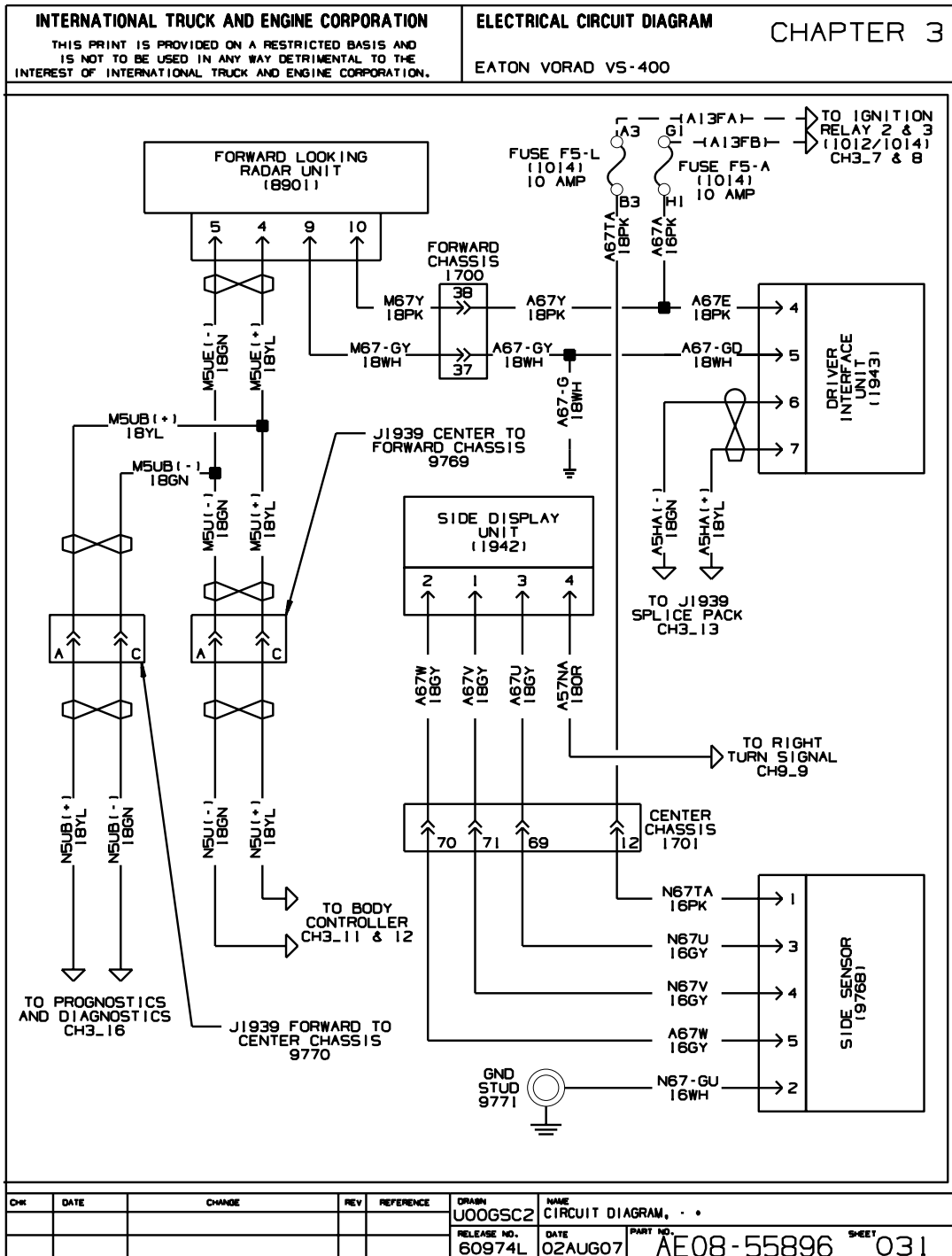


Figure 84 Eaton Vorad VS-400

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.35. WABCO ONGUARD WARNING SYSTEM, P. 31A

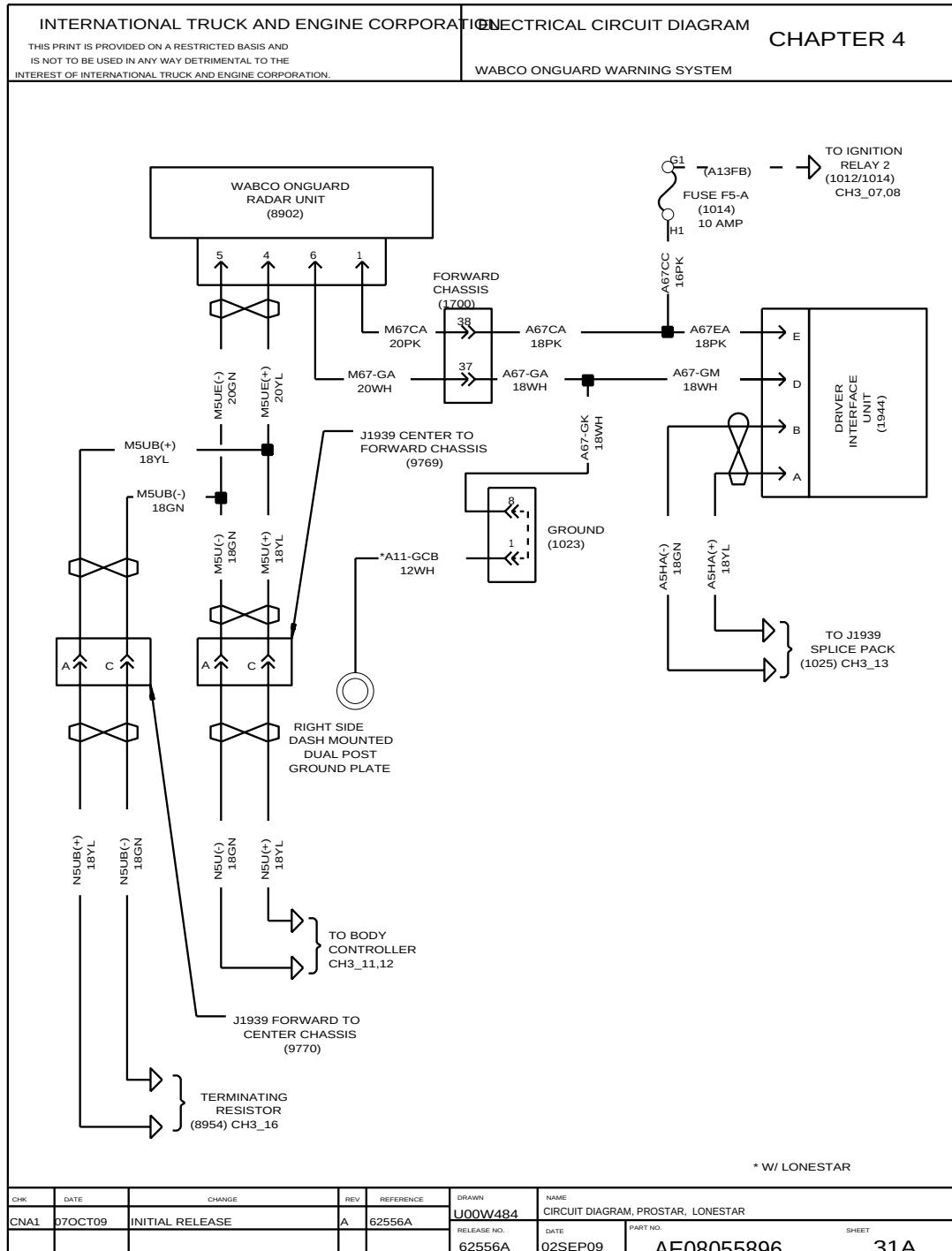


Figure 85 WABCO Onguard Warning System

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

4.36. AWARE II, P. 32

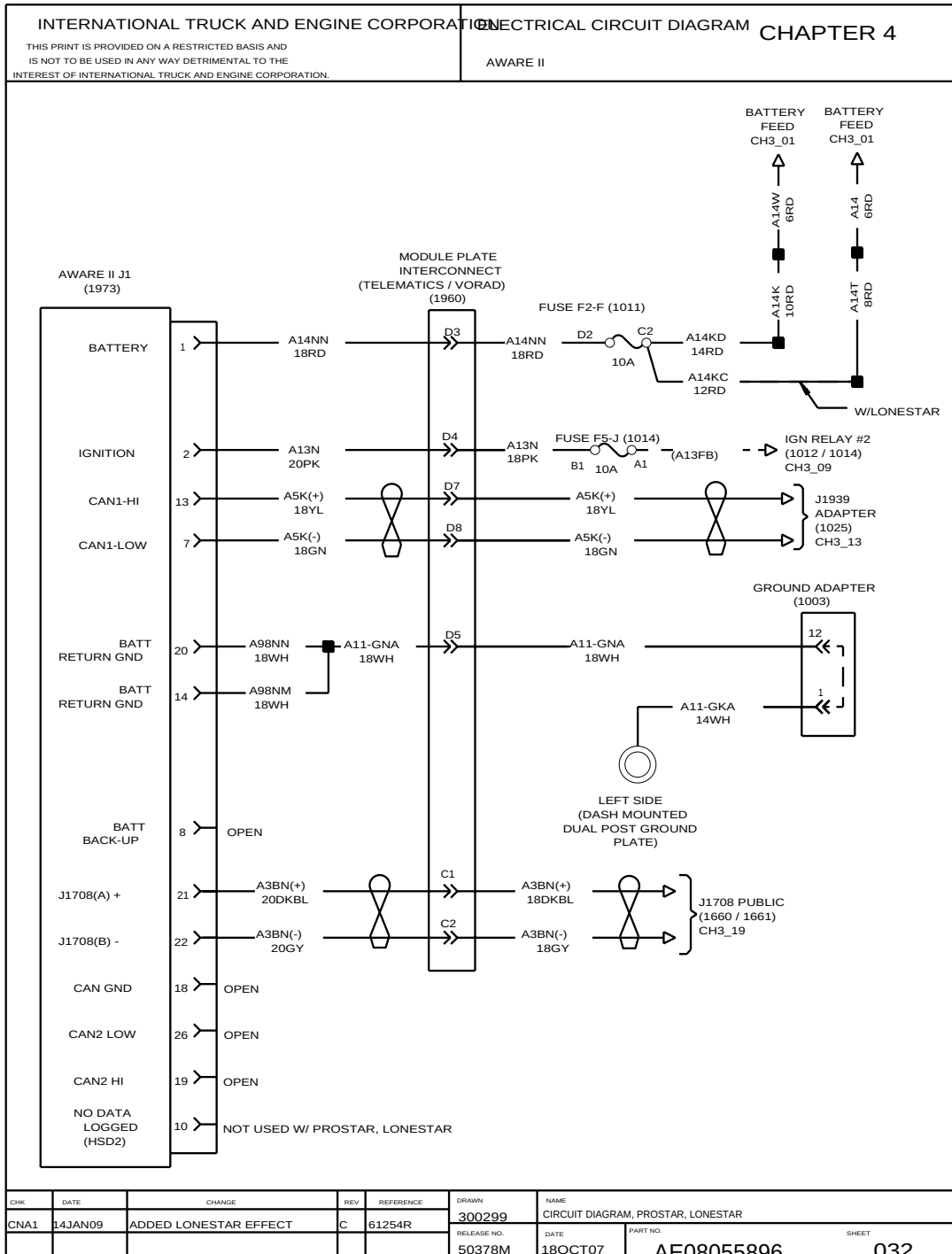


Figure 86 AWARE II

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.37. AWARE II, P. 33

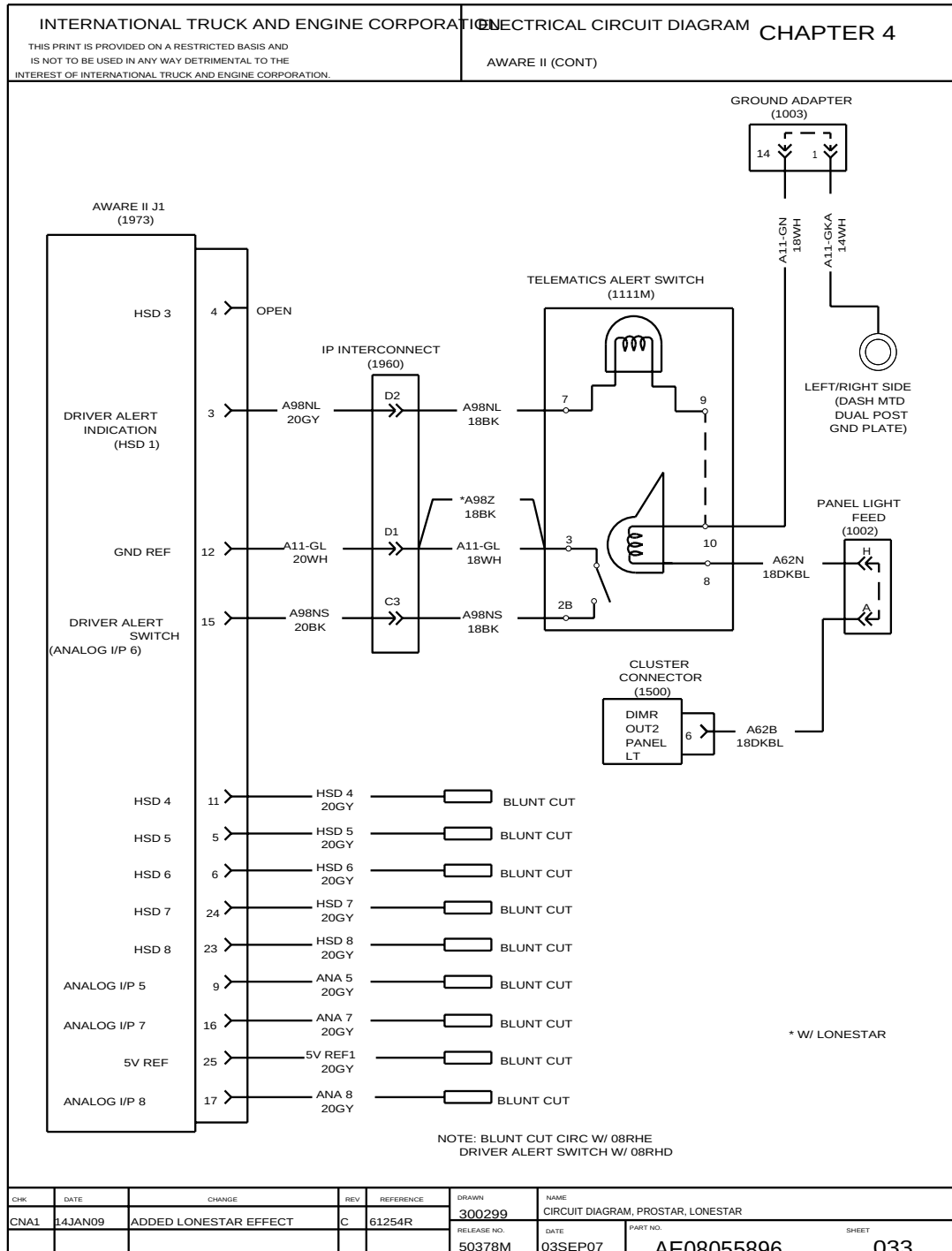


Figure 87 AWARE II

4.38. AWARE II, P. 34

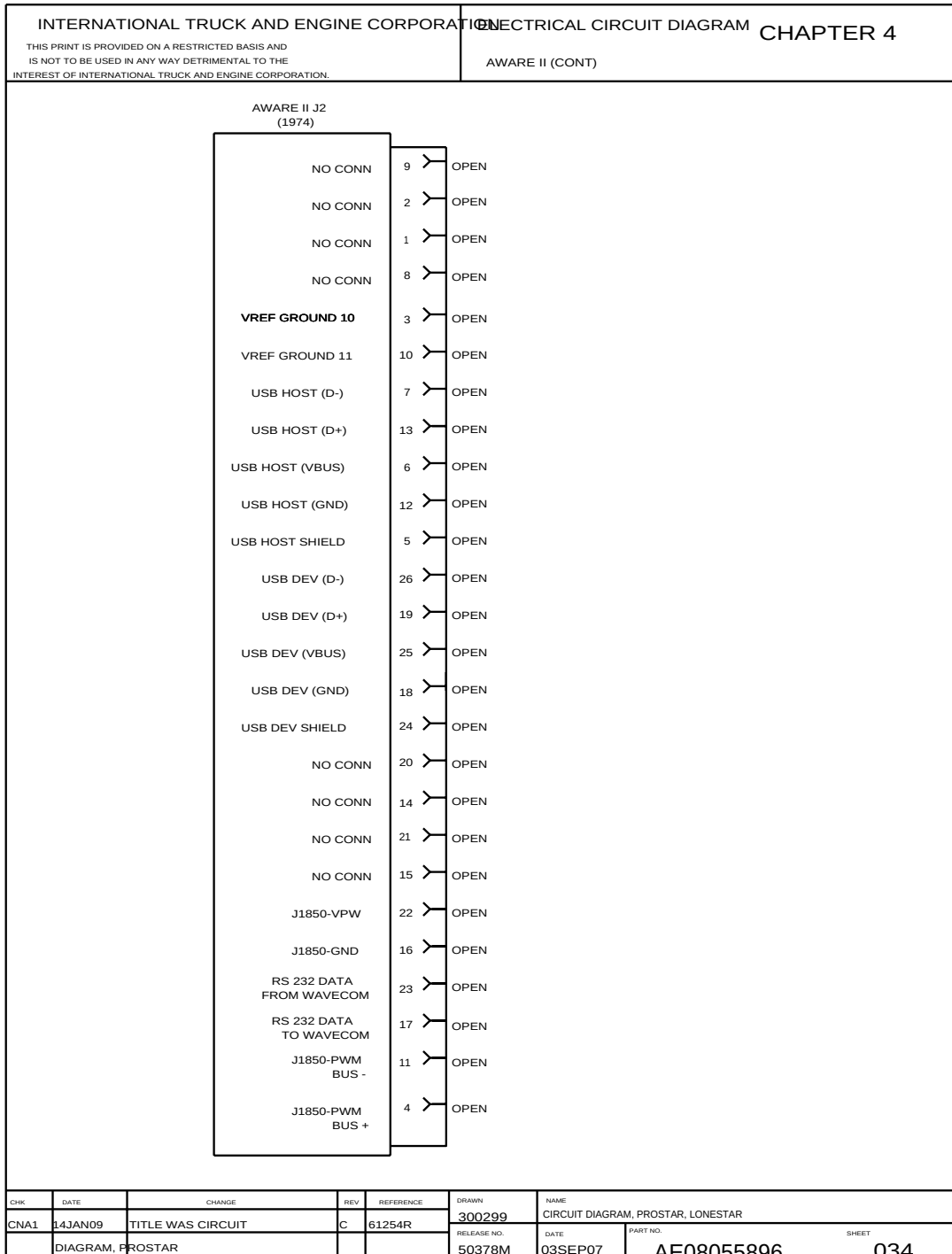


Figure 88 AWARE II

4.39. AWARE II, P. 35

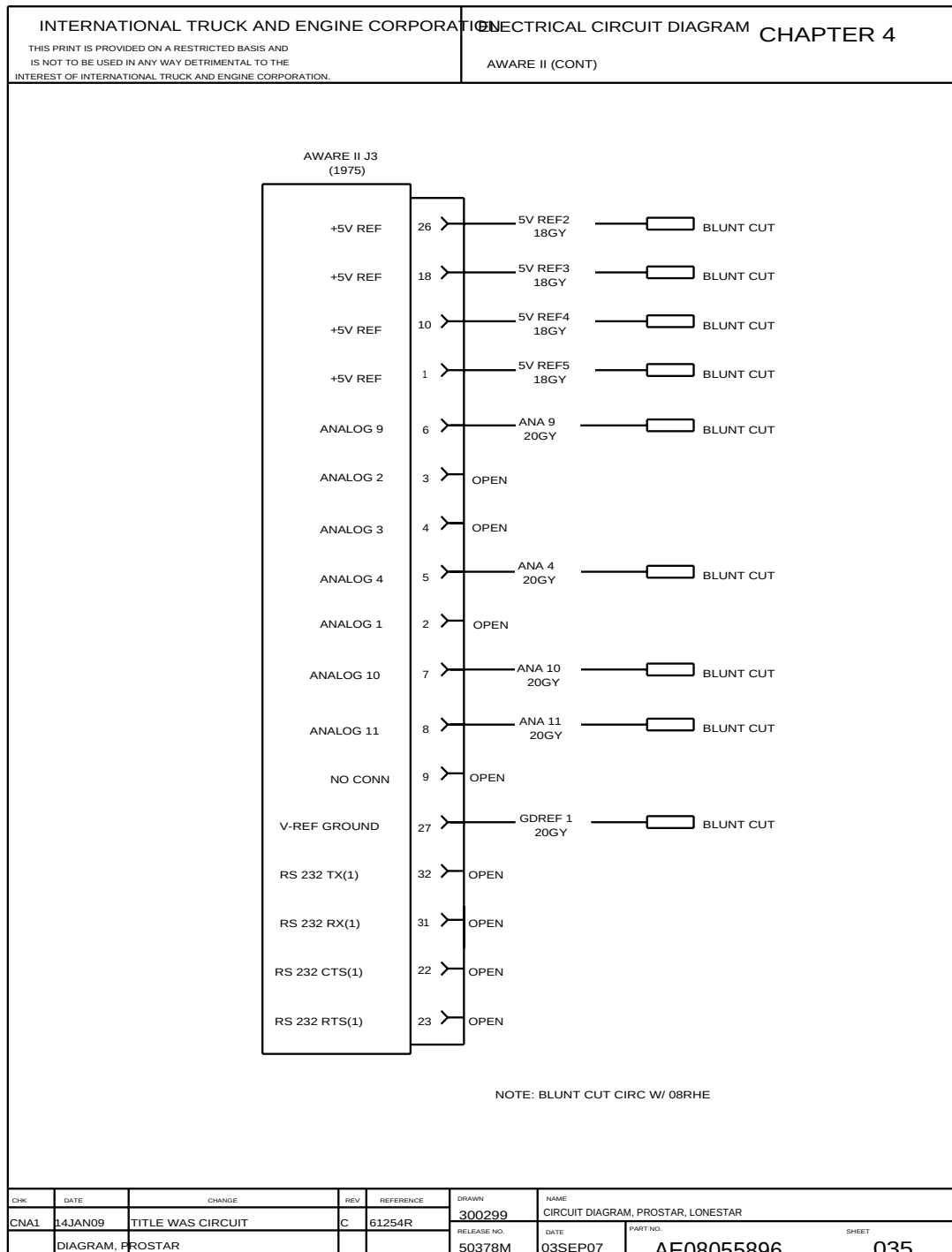
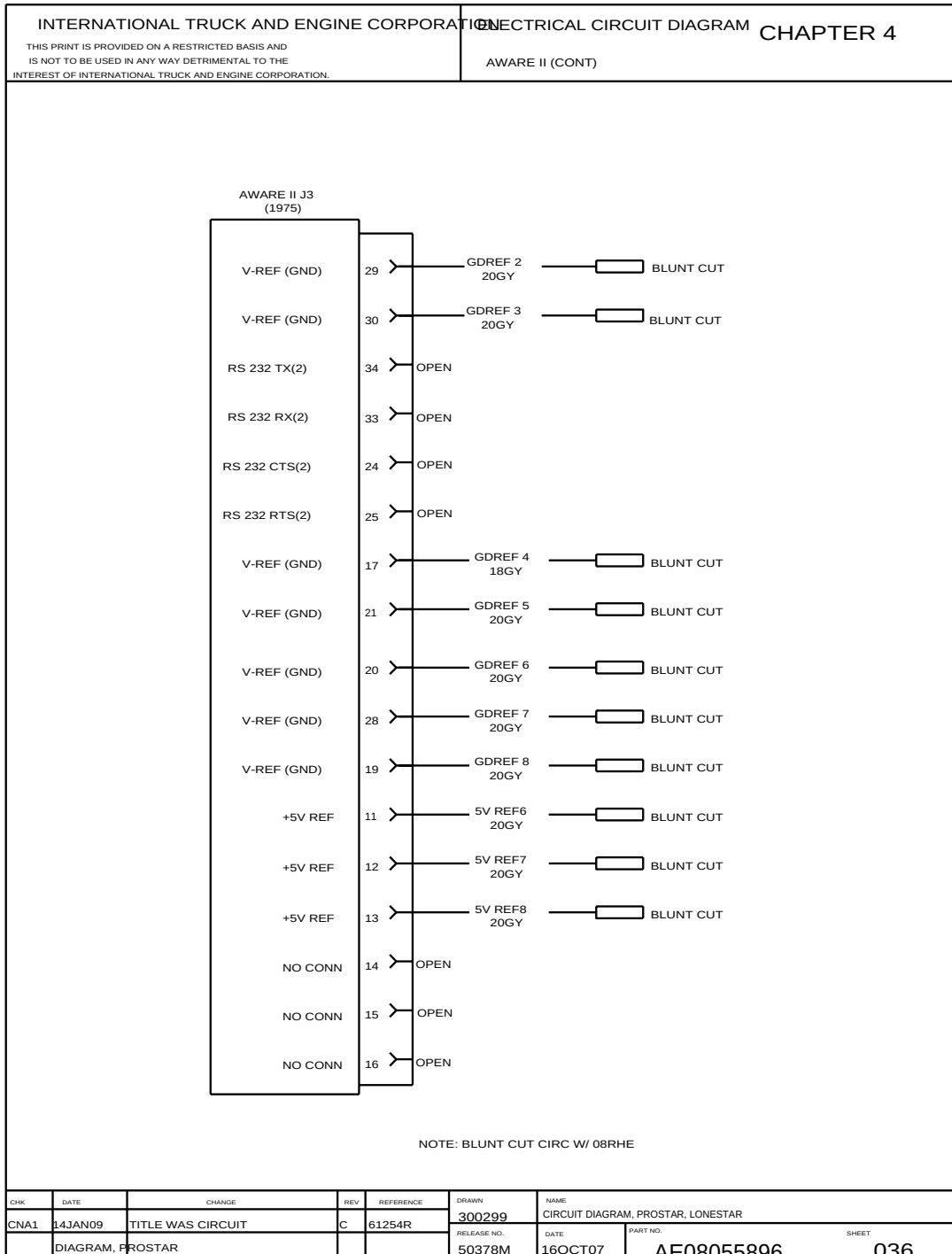


Figure 89 **AWARE II**

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS****4.40. AWARE II, P. 36****Figure 90 AWARE II**

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.41. QUALCOMM OMNIVISION, P. 37

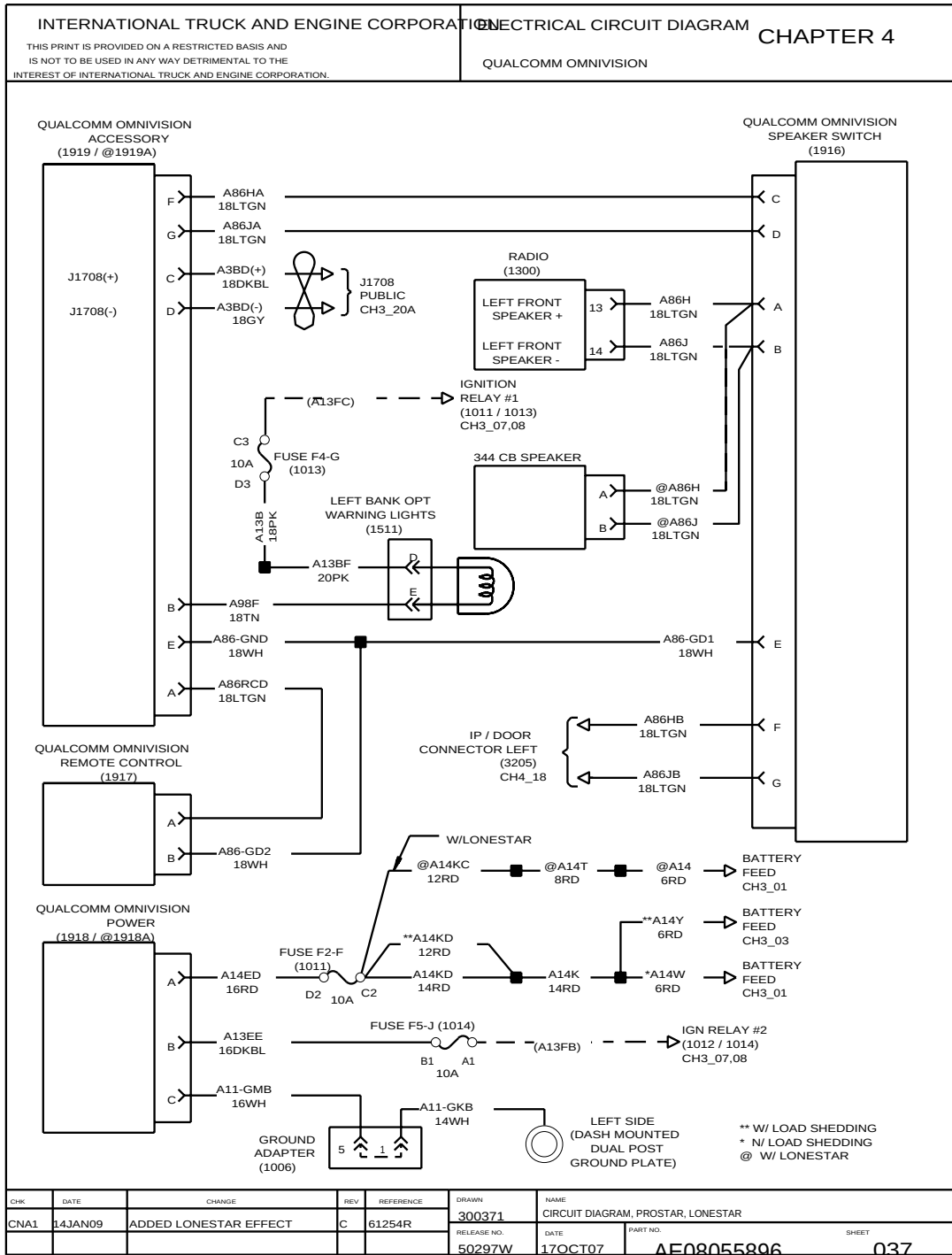


Figure 91 Qualcomm Omnivision

4.42. QUALCOMM OMNIVISION, P. 38

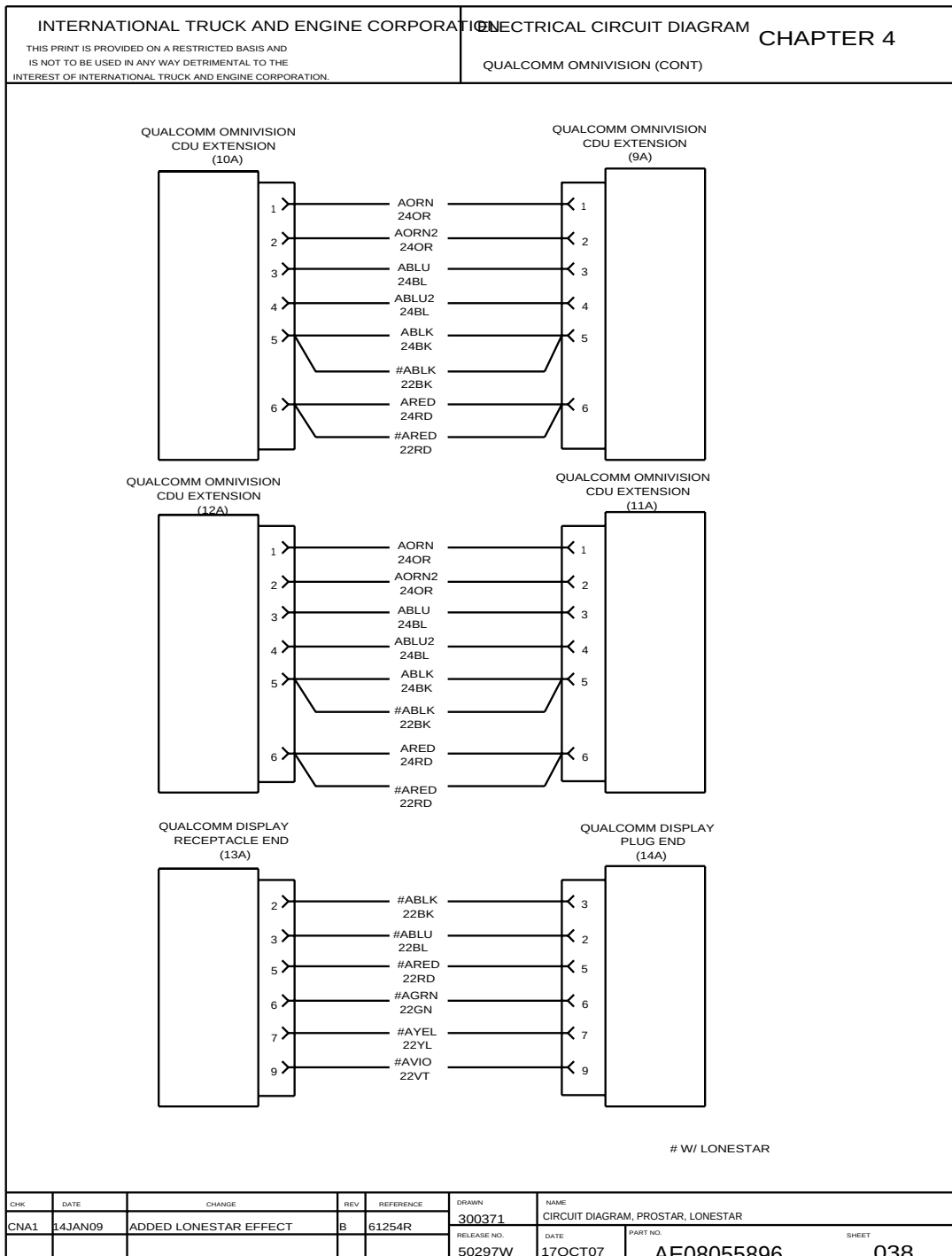


Figure 92 Qualcomm Omnivision

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.43. MOTIENT MOBILE MAX, P. 39

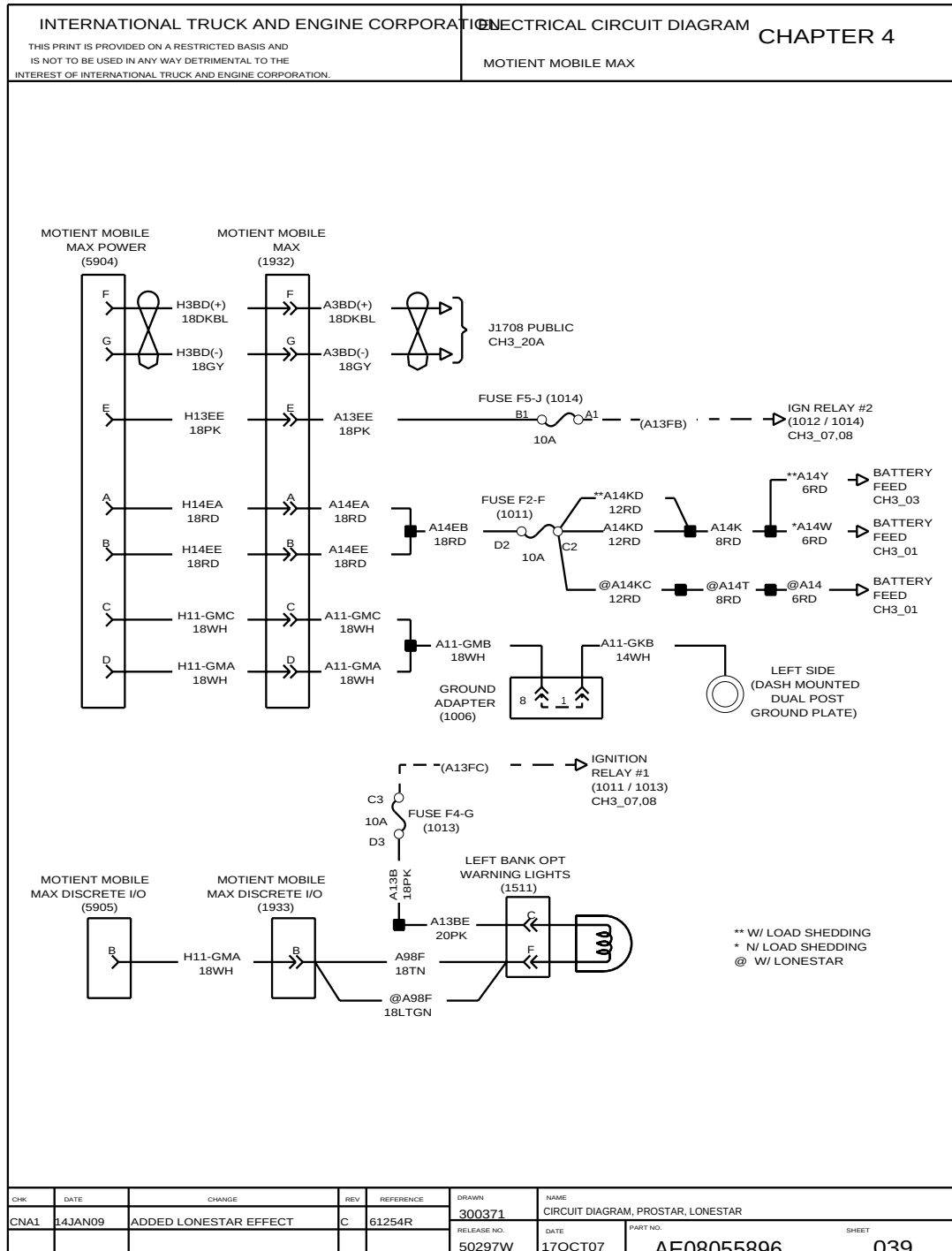


Figure 93 Motient Mobile Max

4.44. REMOTE RADIO — N/AMP AND N/WIRED REMOTE AND N/DRIVER INTERFACE DISPLAY, P. 40

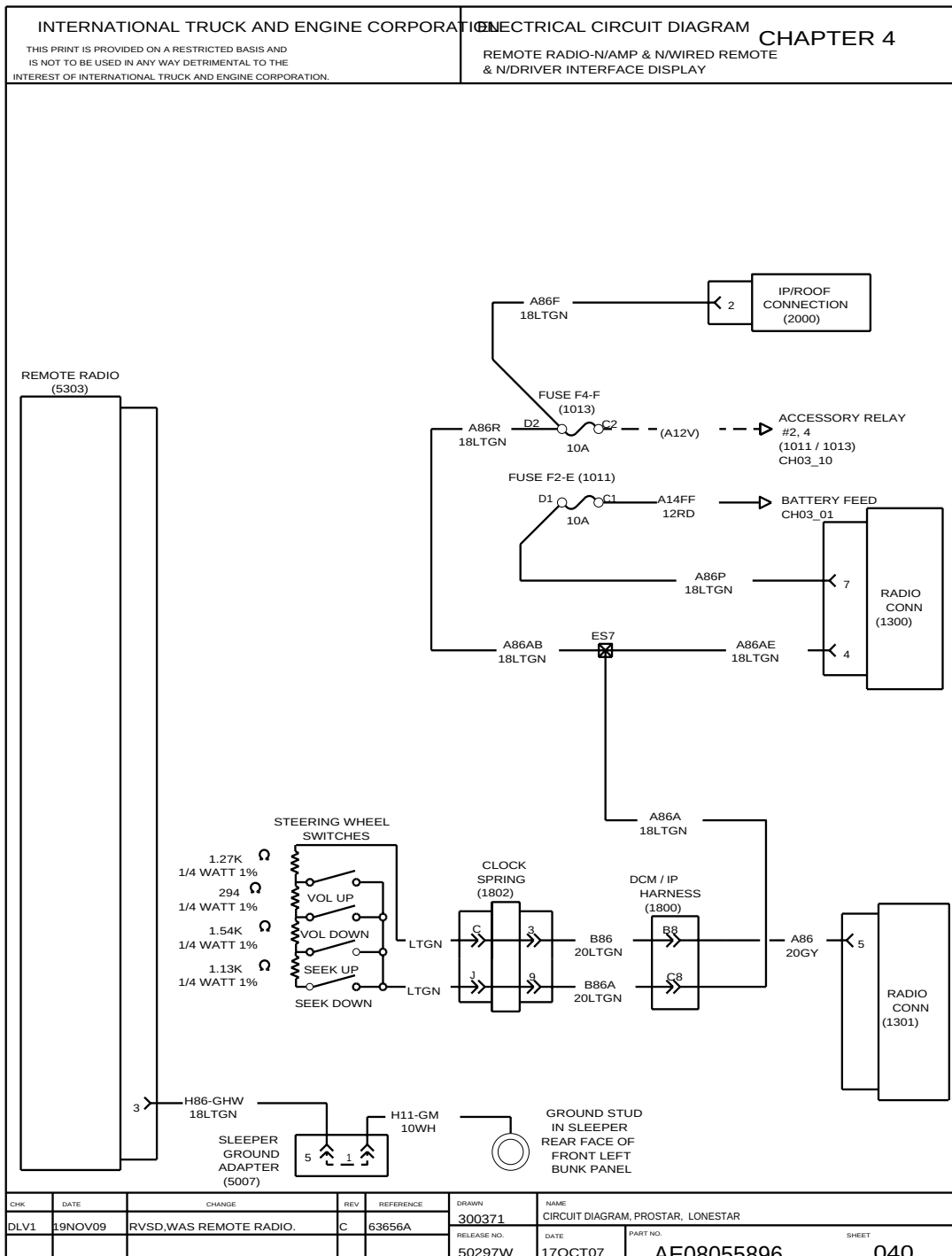


Figure 94 Remote Radio — N/AMP and N/Wired Remote and N/Driver Interface Display

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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4.45. REMOTE RADIO — W/AMP AND N/WIRED REMOTE AND N/DRIVER INTERFACE DISPLAY, P. 40A

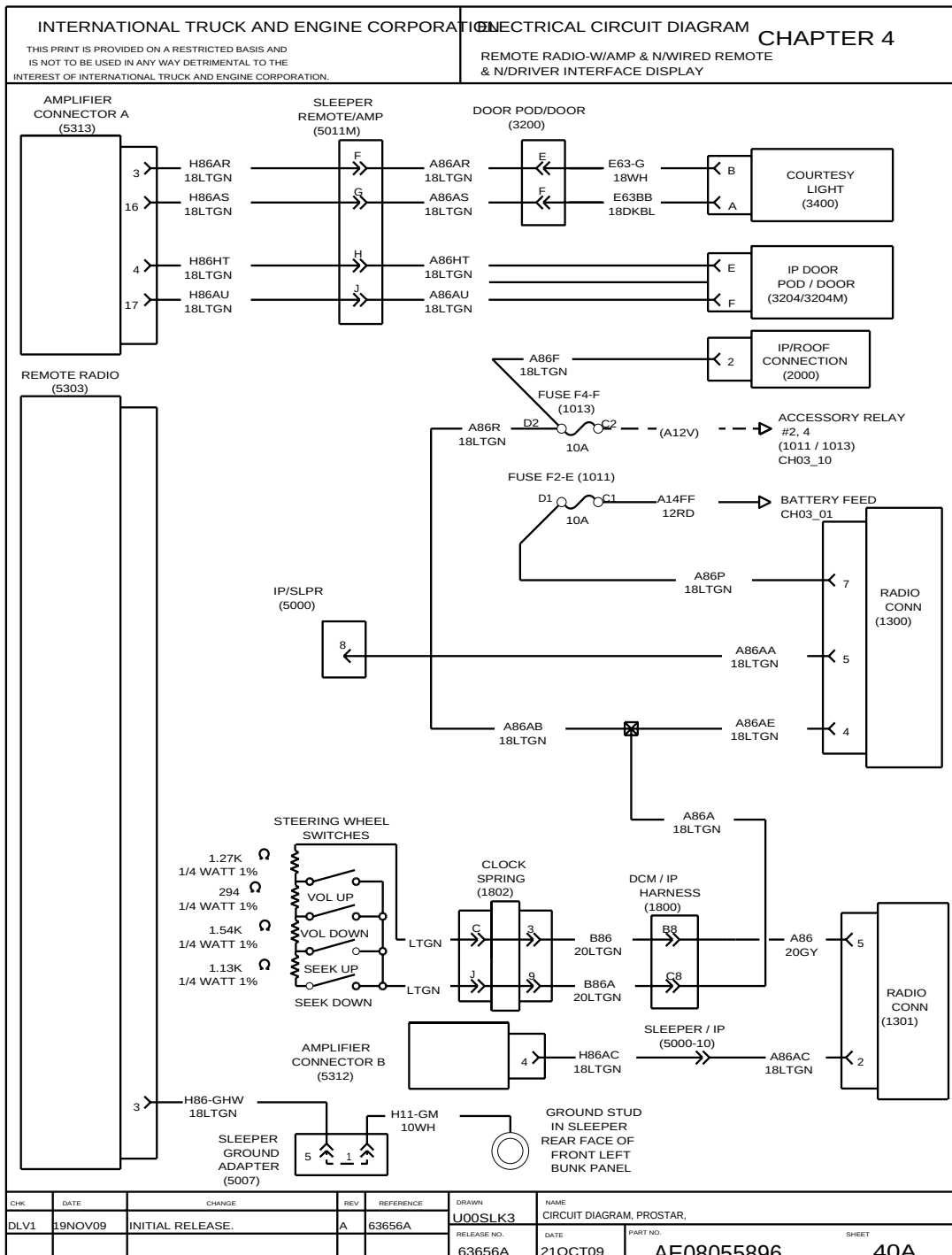


Figure 95 Remote Radio — W/AMP and N/Wired Remote and N/Driver Interface Display

4.46. REMOTE RADIO — N/AMP AND W/WIRED REMOTE AND N/DRIVER INTERFACE DISPLAY, P. 40B

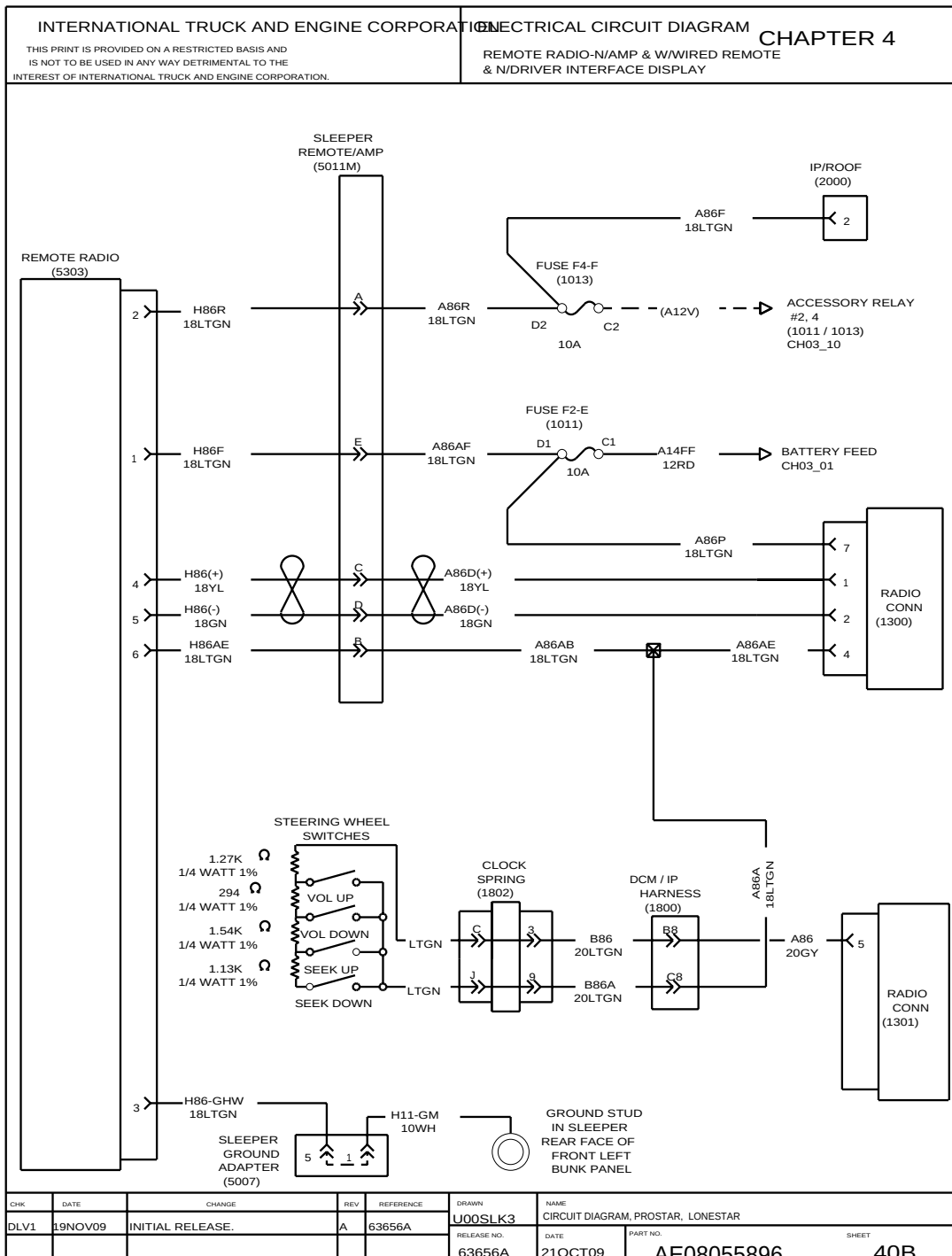


Figure 96 Remote Radio — N/AMP and W/Wired Remote and N/Driver Interface Display

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.47. REMOTE RADIO — W/AMP AND W/WIRED REMOTE AND N/DRIVER INTERFACE DISPLAY, P. 40C

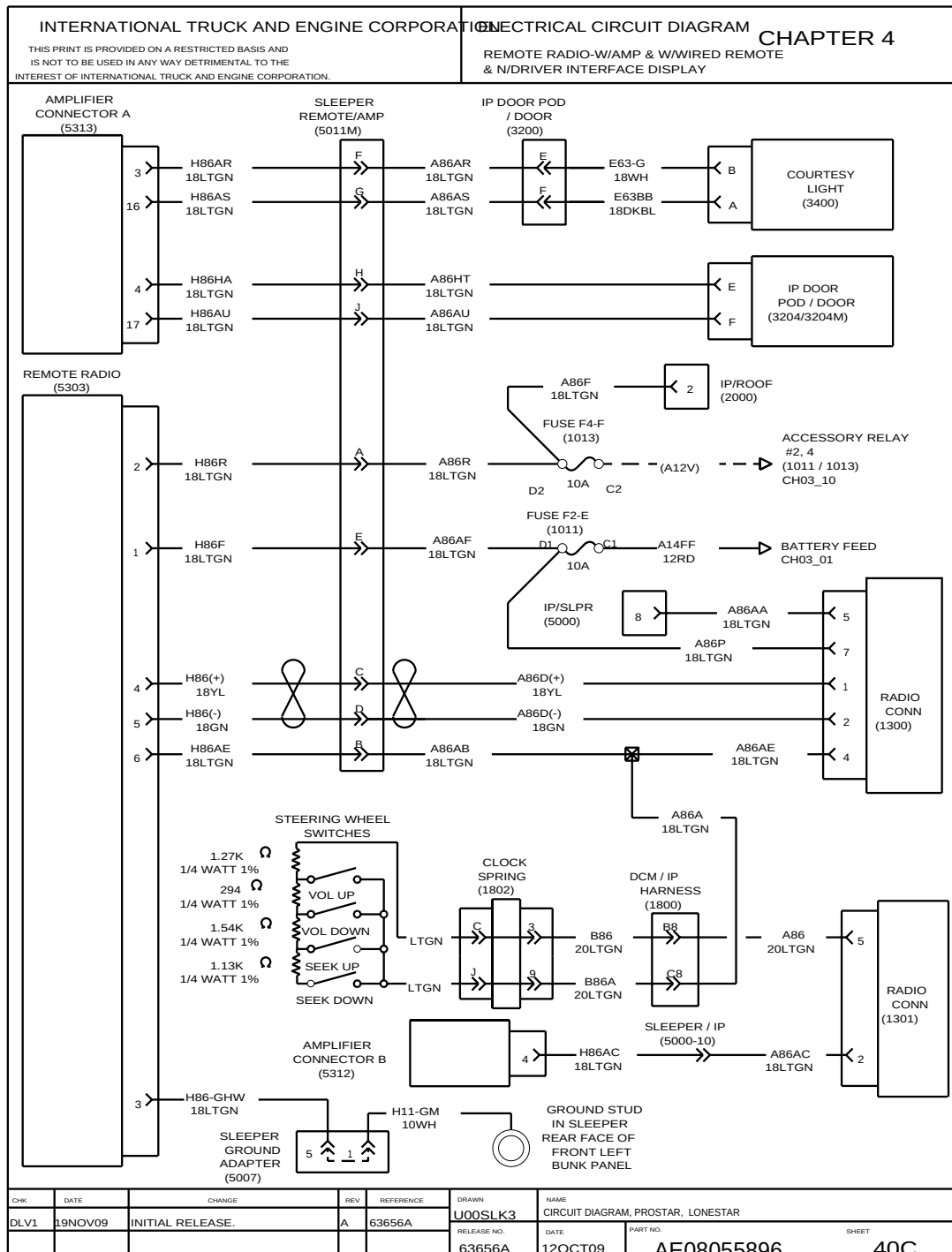


Figure 97 Remote Radio — W/AMP and W/Wired Remote and N/Driver Interface Display

4.48. REMOTE RADIO — N/AMP AND N/WIRED REMOTE AND W/DRIVER INTERFACE DISPLAY, P. 41

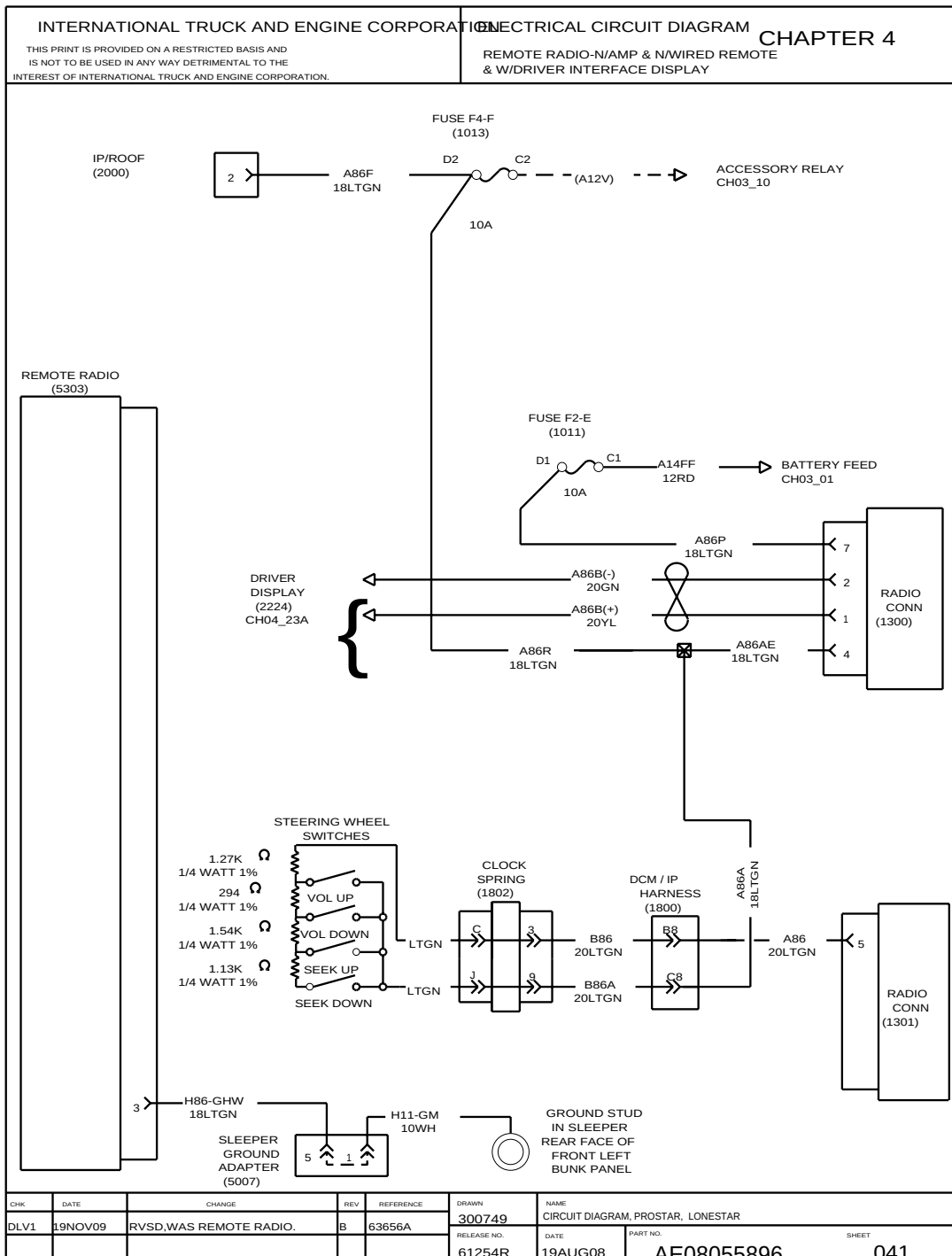


Figure 98 Remote Radio — N/AMP and N/Wired Remote and W/Driver Interface Display

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.49. REMOTE RADIO — W/AMP AND N/WIRED REMOTE AND W/DRIVER INTERFACE DISPLAY, P. 41A

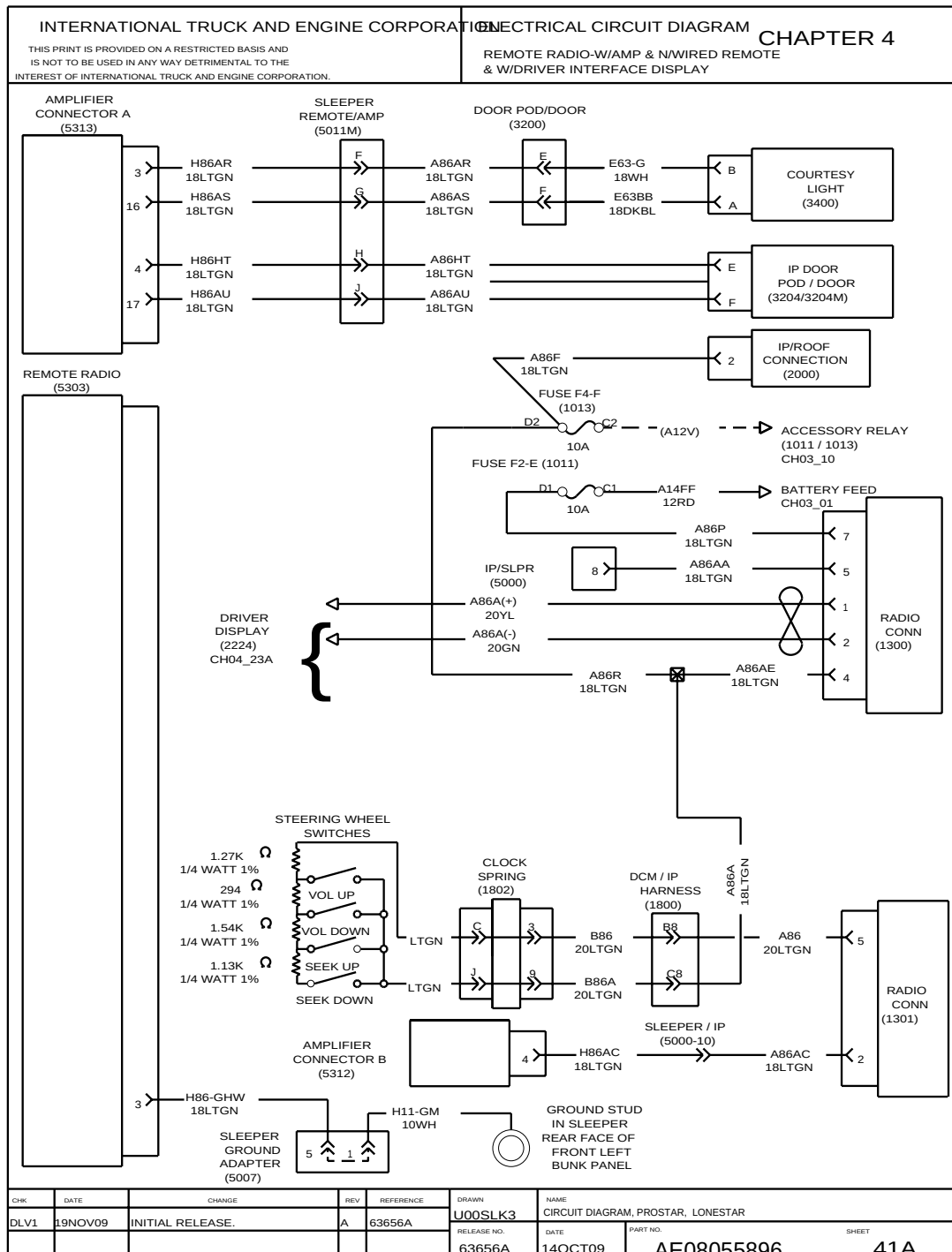


Figure 99 Remote Radio — W/AMP and N/Wired Remote and W/Driver Interface Display

4.50. REMOTE RADIO — N/AMP AND W/WIRED REMOTE AND W/DRIVER INTERFACE DISPLAY, P. 41B

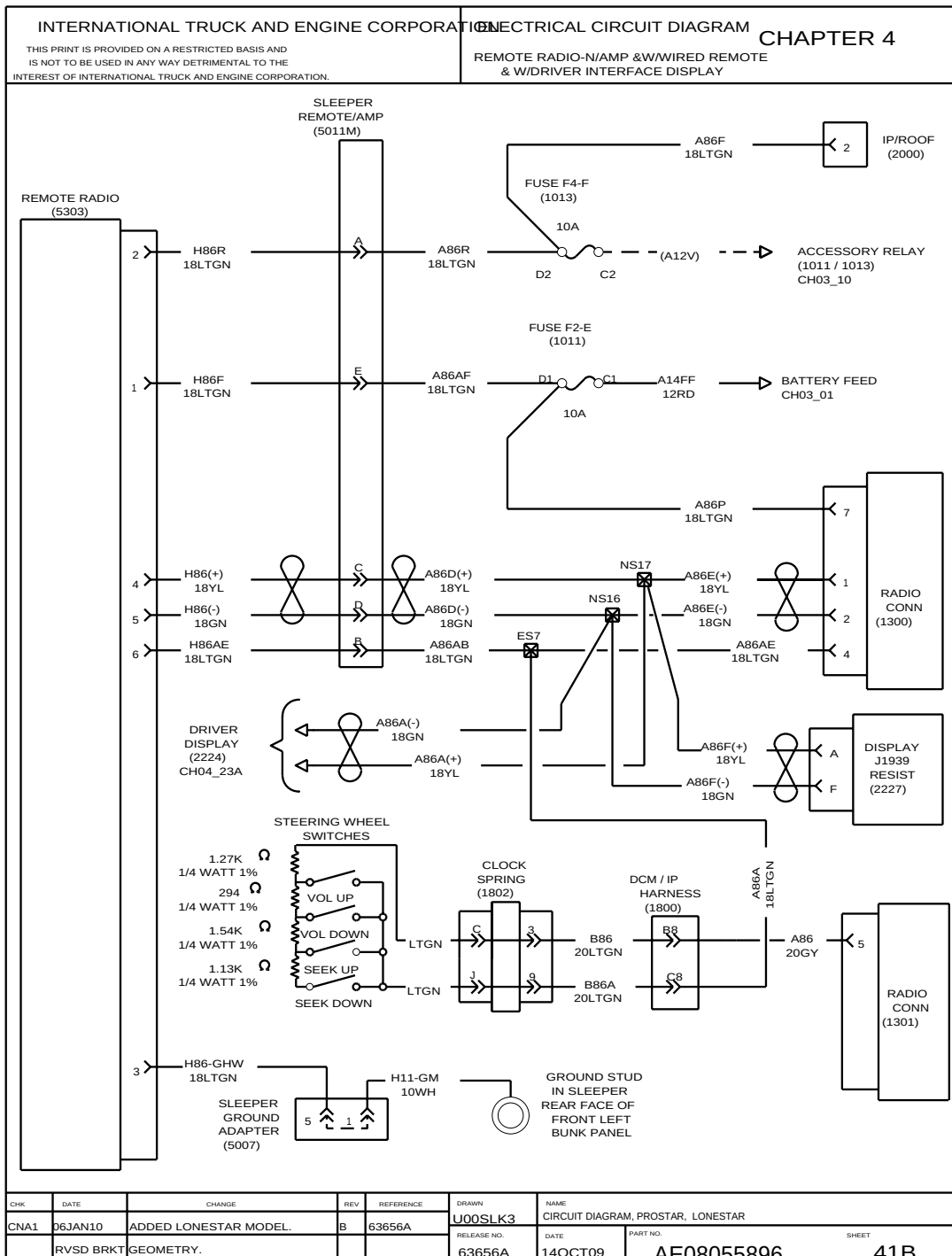


Figure 100 Remote Radio — N/AMP and W/Wired Remote and W/Driver Interface Display

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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4.51. REMOTE RADIO — W/AMP AND W/WIRED REMOTE AND W/DRIVER INTERFACE DISPLAY, P. 41C

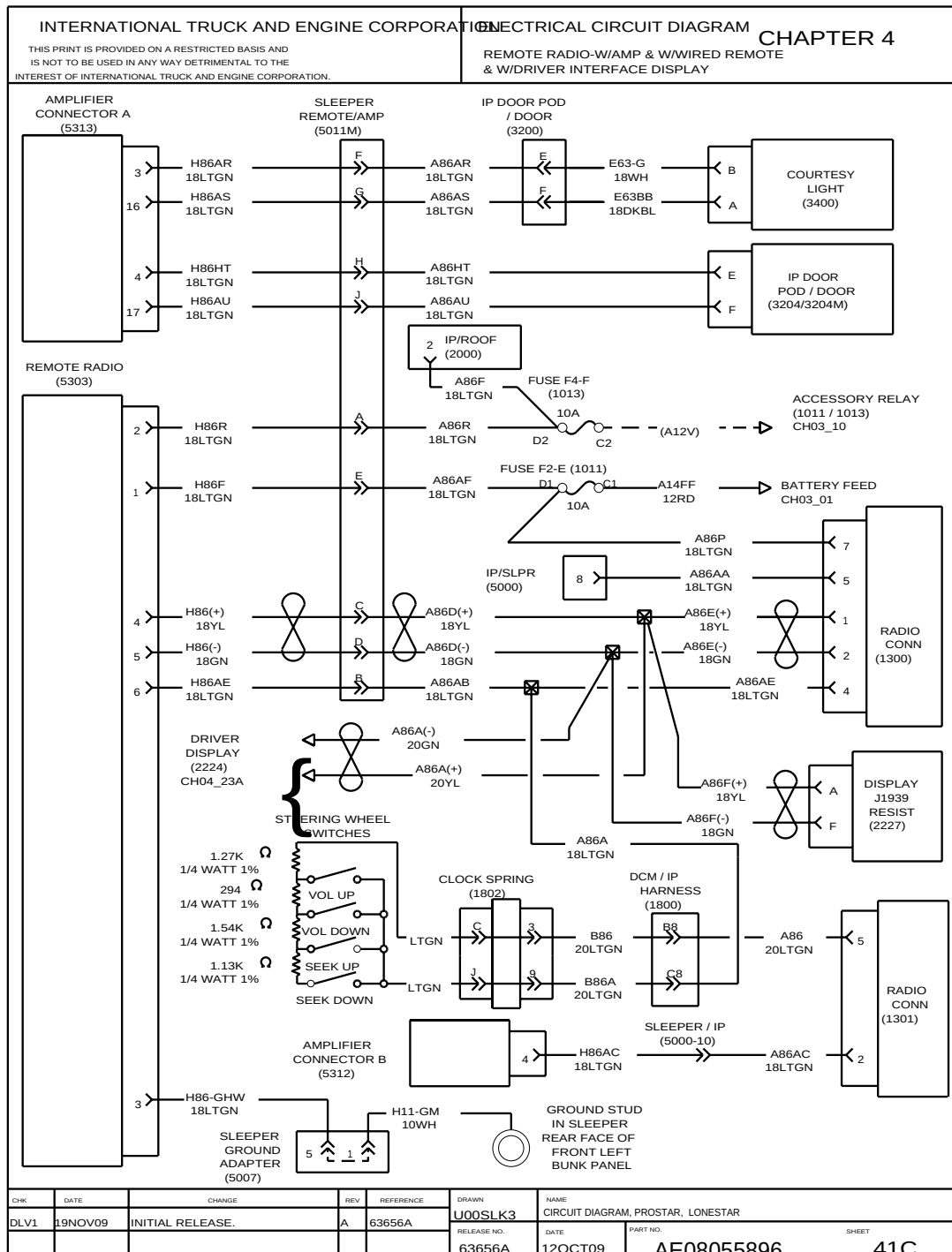


Figure 101 Remote Radio — W/AMP and W/Wired Remote and W/Driver Interface Display

5. CHARGING AND CRANKING SYSTEM (CHAPTER 5)

5.1. MANUAL TRANSMISSION, P. 1

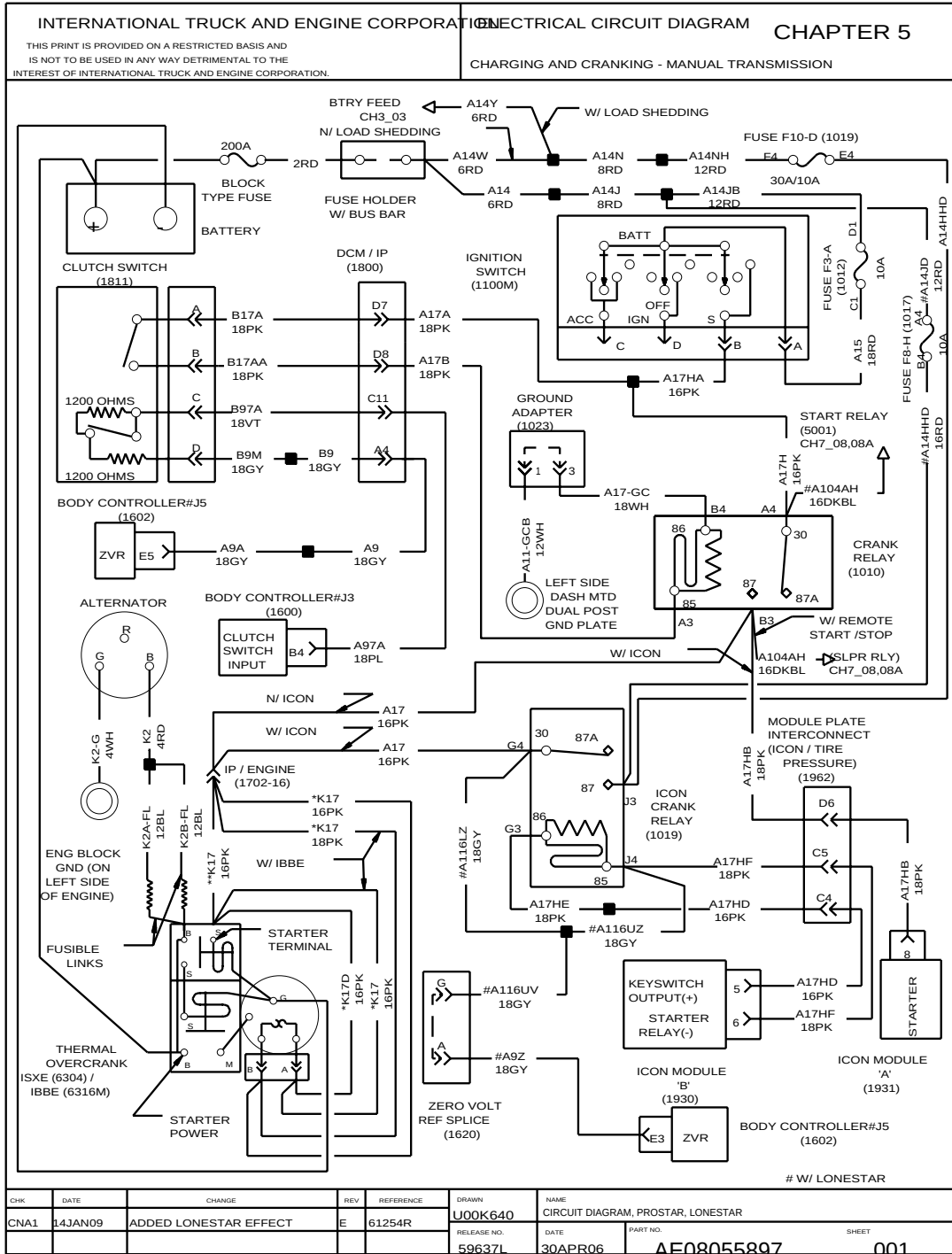


Figure 102 Manual Transmission

5.2. MANUAL TRANSMISSION (CAT ENGINE), P. 1A

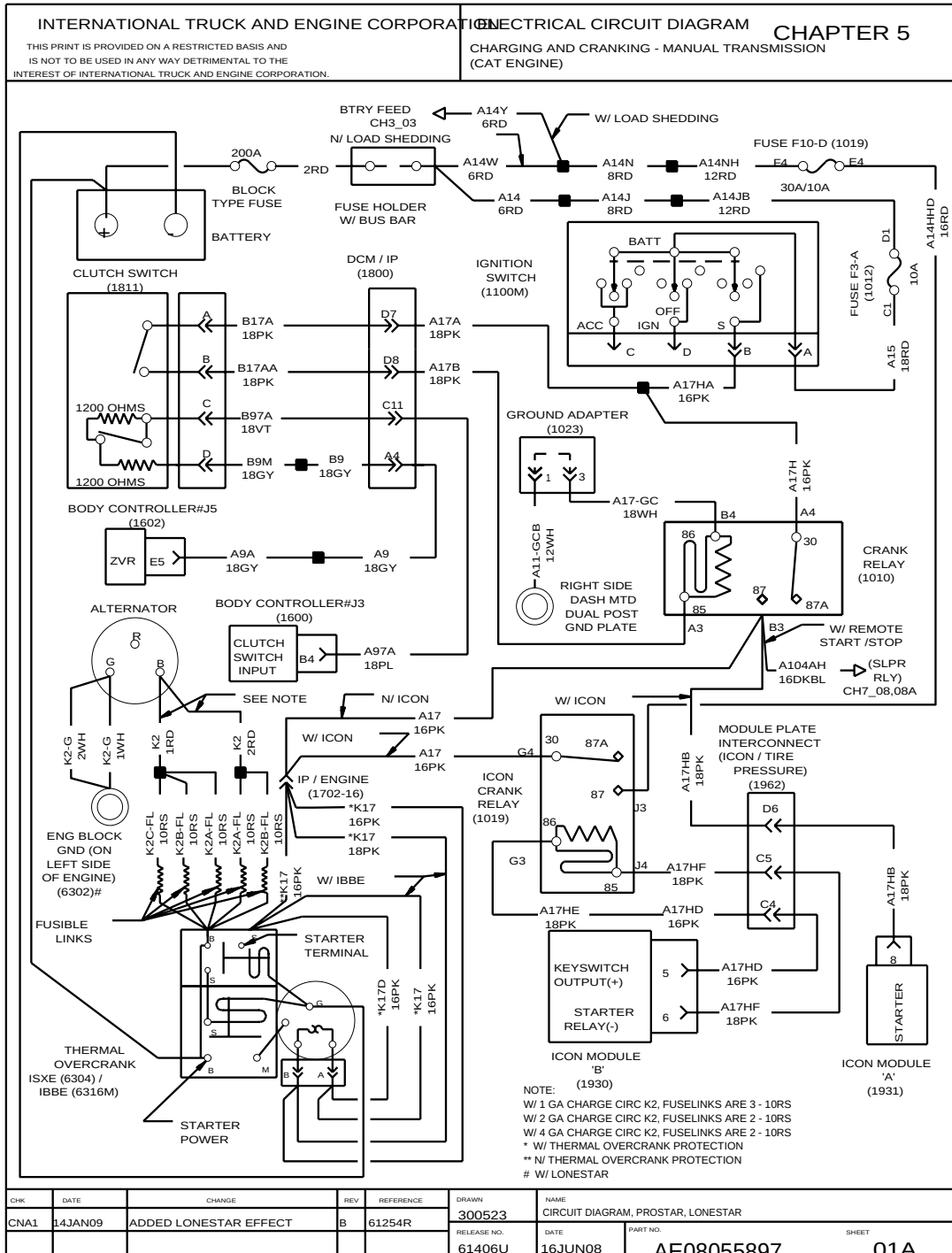


Figure 103 Manual Transmission (Cat Engine)

5.3. AUTOMATIC TRANSMISSION, P. 2

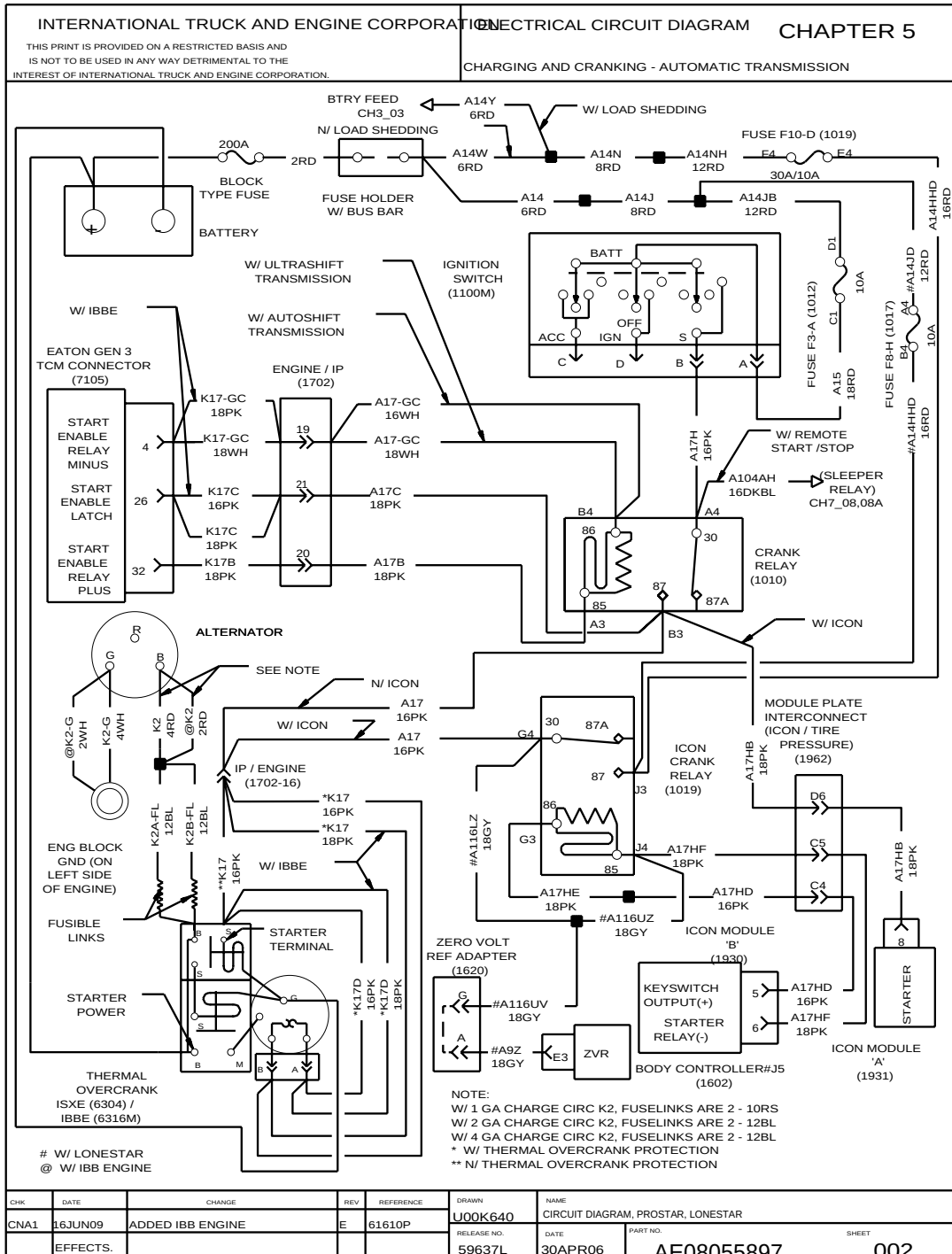


Figure 104 Automatic Transmission

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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5.4. AUTOMATIC TRANSMISSION (CAT ENGINE), P. 2A

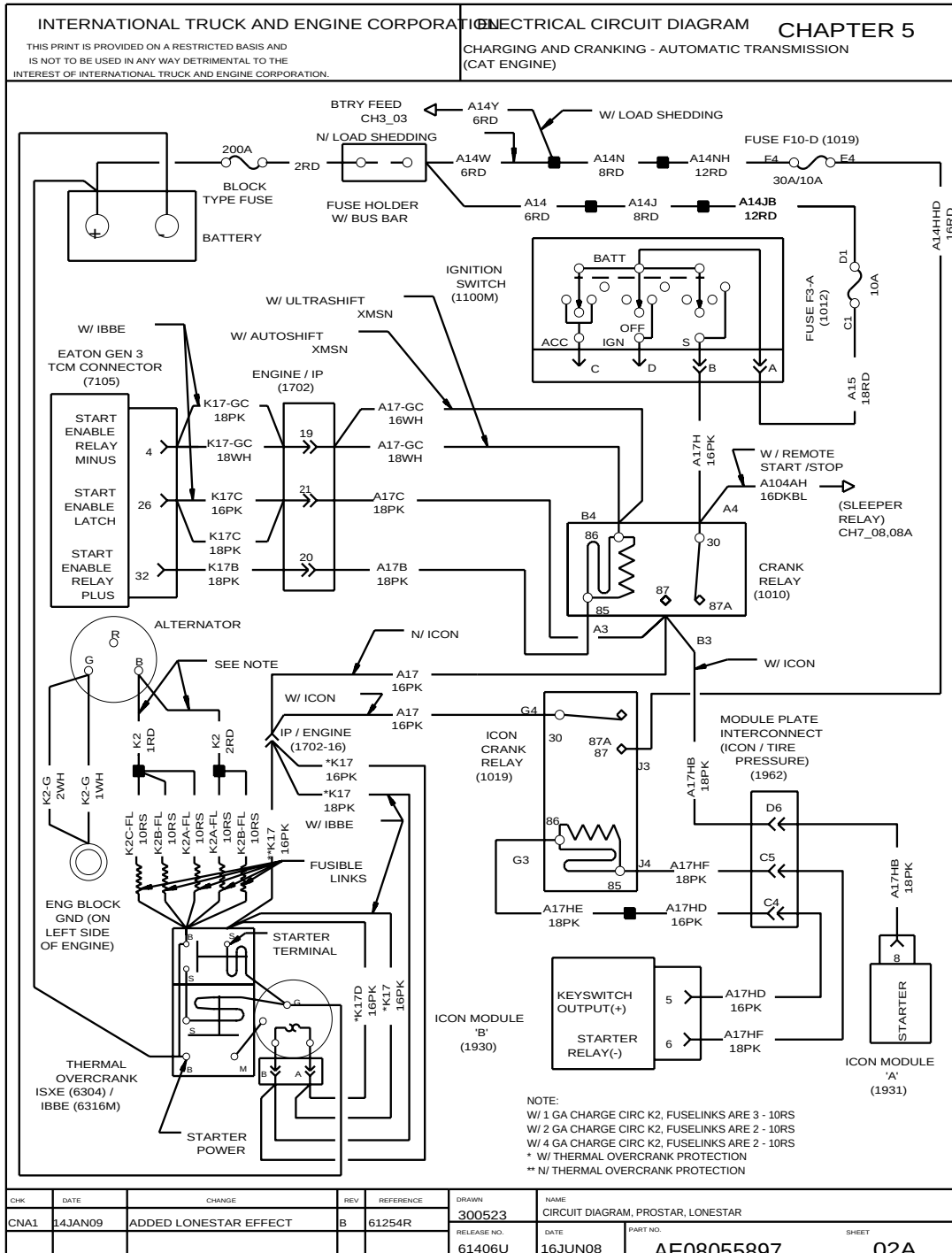


Figure 105 Automatic Transmission (Cat Engine)

5.5. FREEDOMLINE TRANSMISSION, P. 3

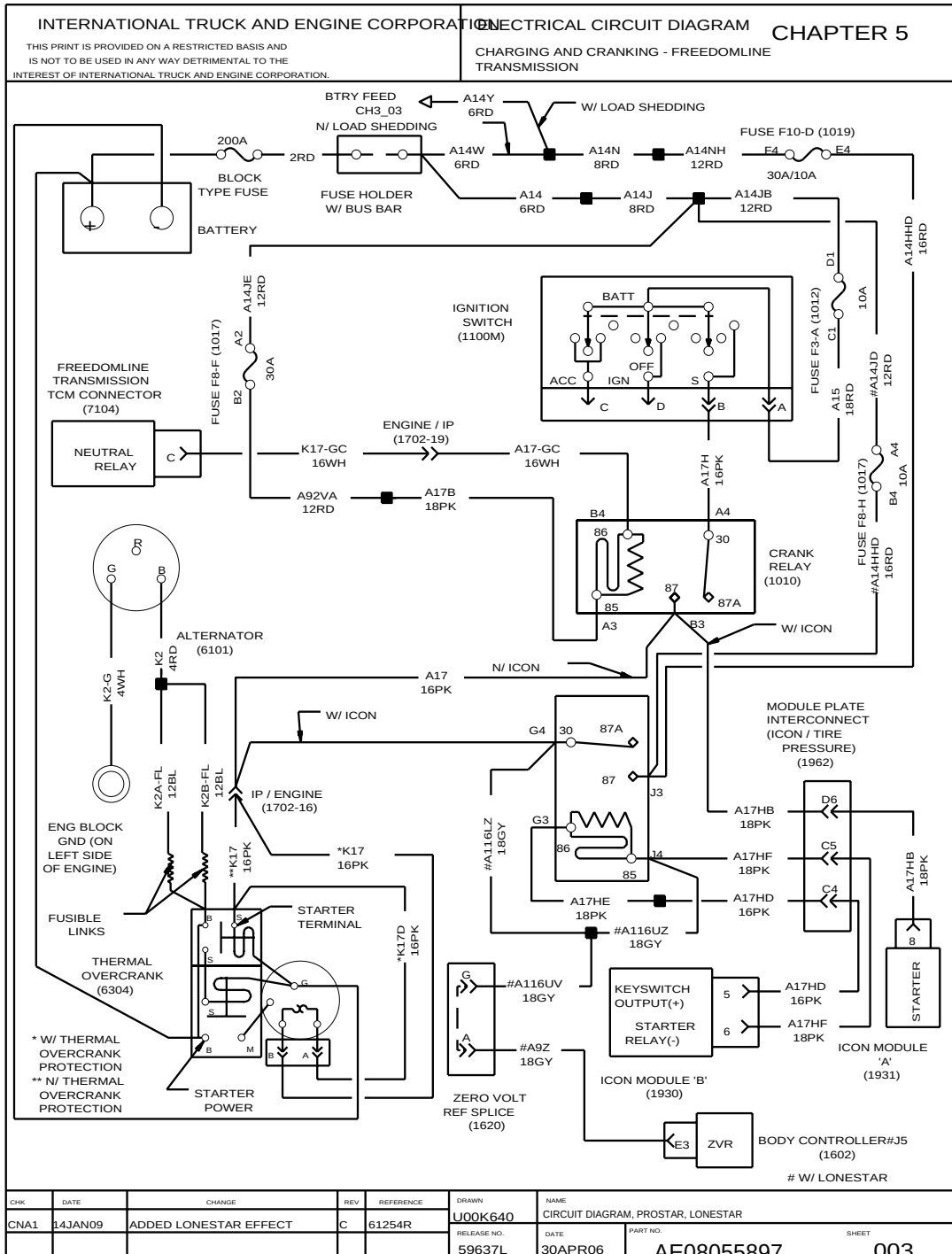
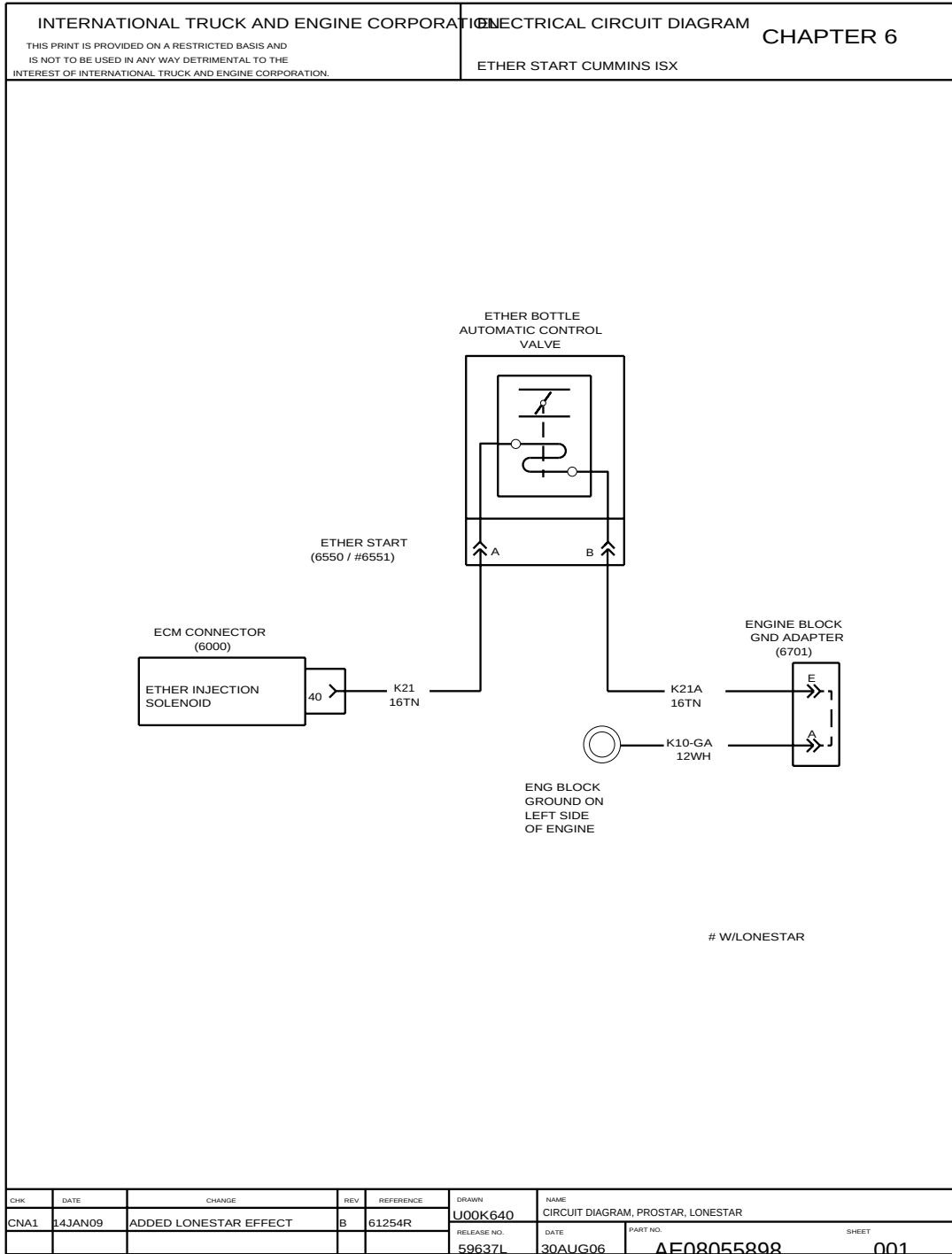


Figure 106 Freedomline Transmission

6. ETHER START AND FAN WIRING (CHAPTER 6)**6.1. ETHER START CUMMINS ISX, P. 1****Figure 108 Ether Start Cummins ISX**

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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6.2. FAN WIRING, P. 2

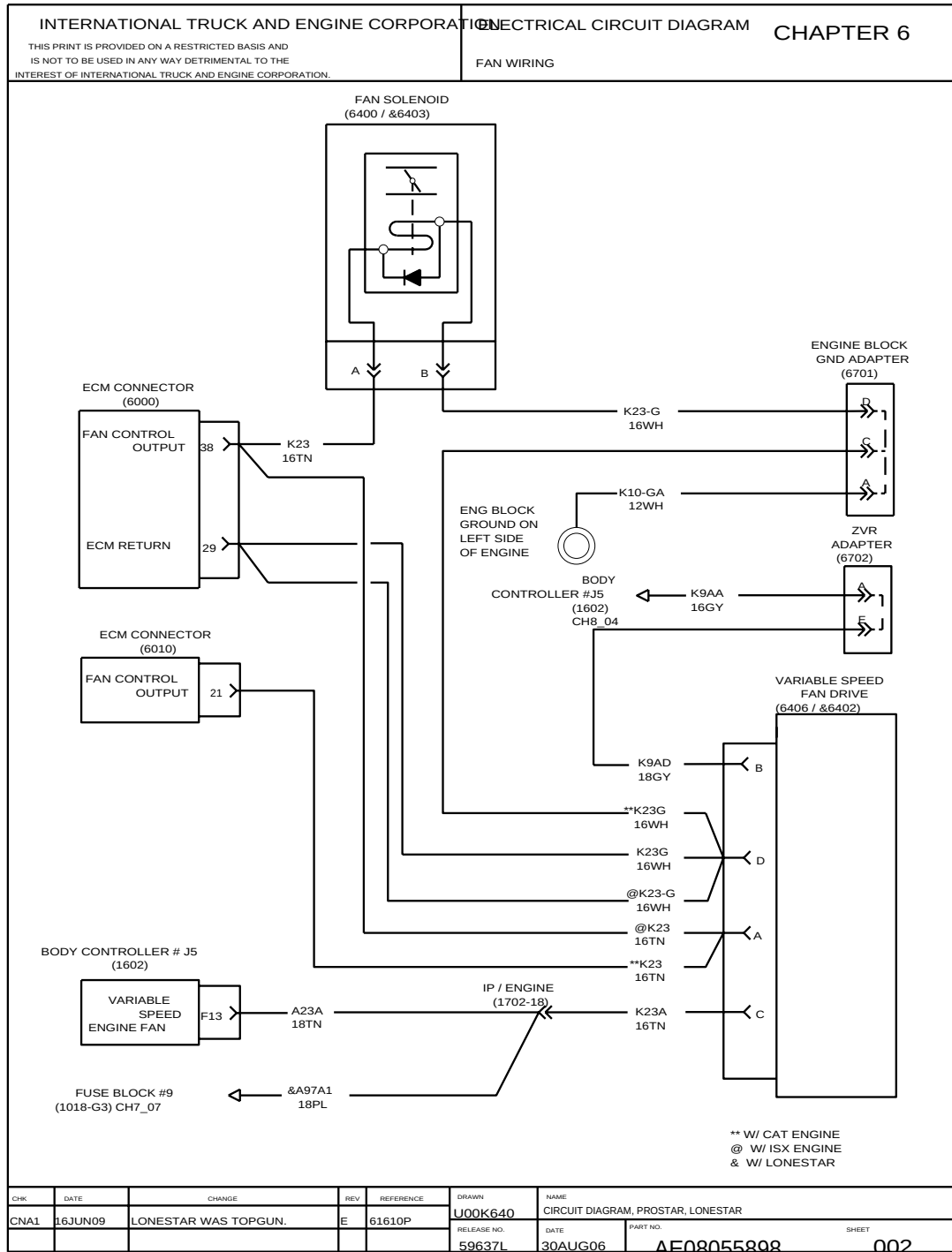


Figure 109 Fan Wiring

6.3. FAN WIRING — IBB ENGINE, P. 3

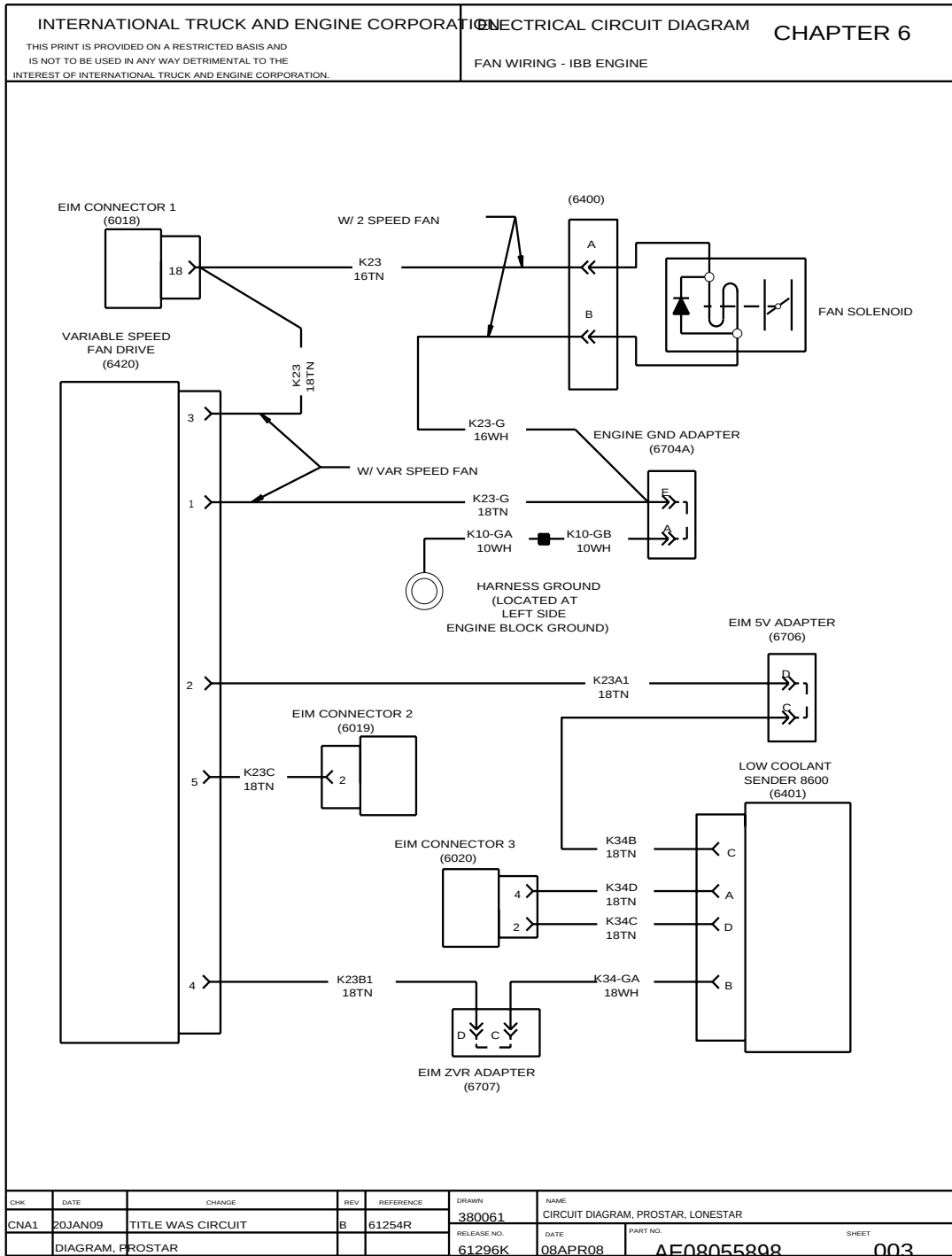


Figure 110 Fan Wiring — IBB Engine

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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6.4. STARTING AID — COLD START ASSIST (IBB ENGINE), P. 4

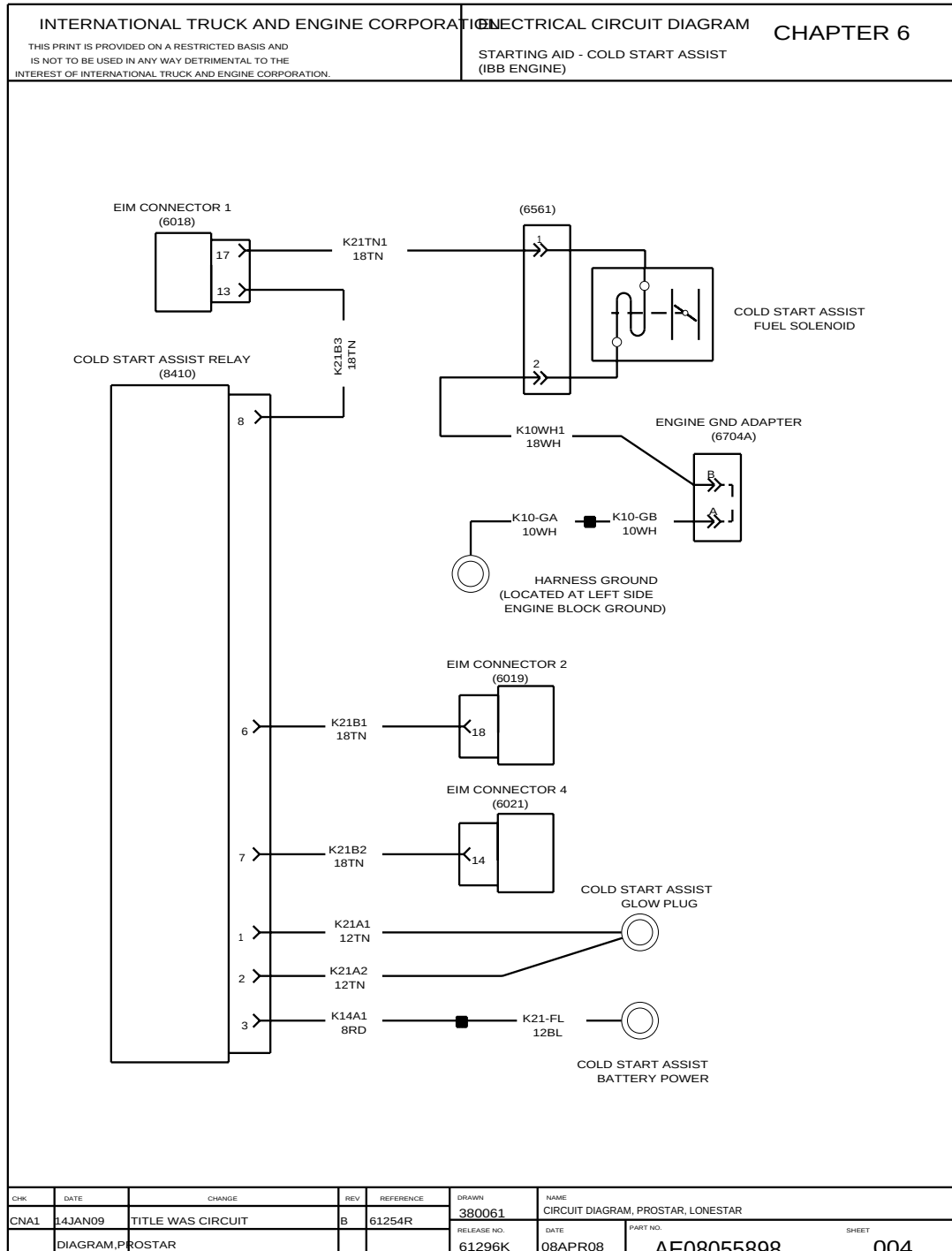


Figure 111 Starting Aid — Cold Start Assist (IBB Engine)

7. ENGINES (CHAPTER 7)

7.1. ELECTRONIC ENGINE CONTROLS, P. 1

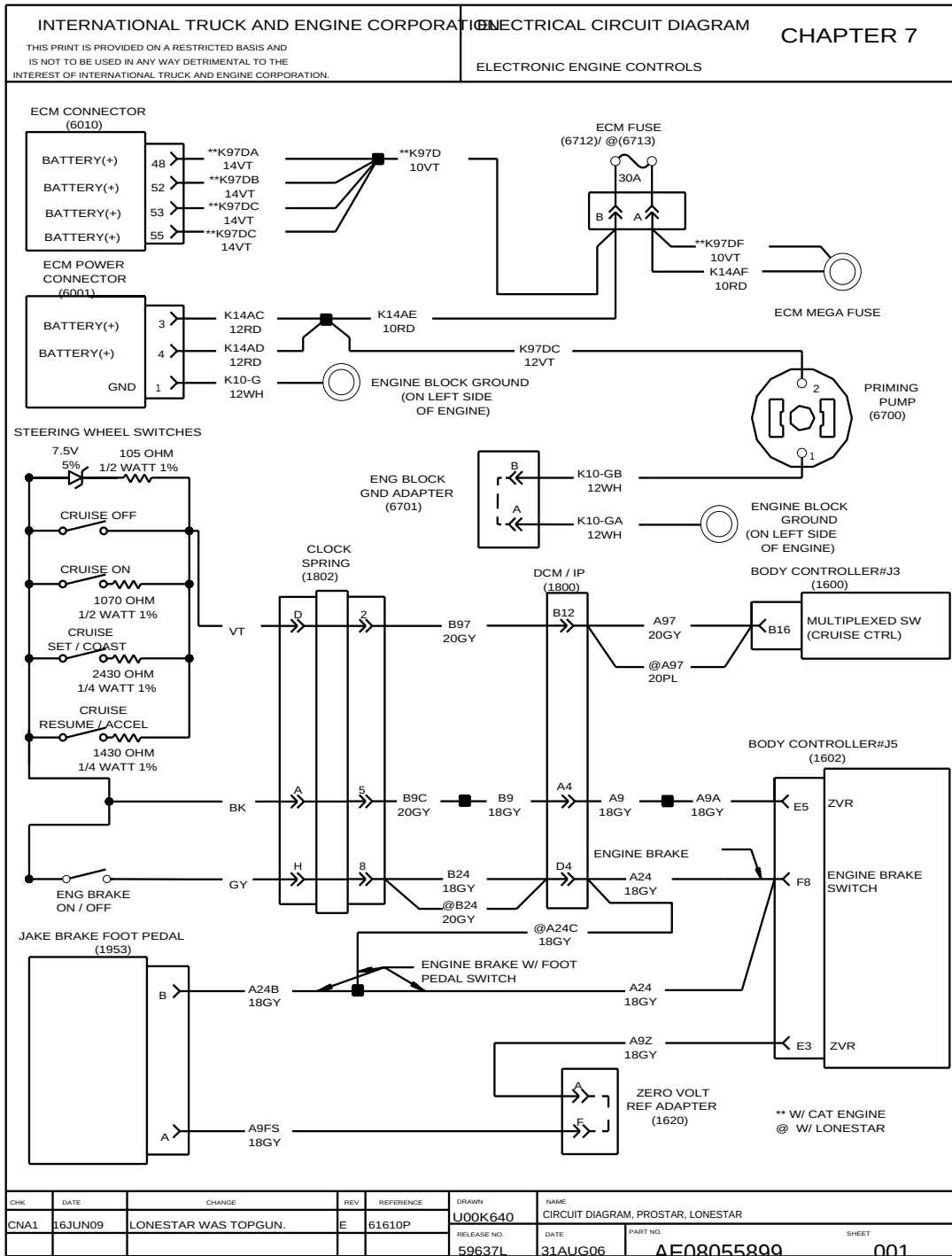


Figure 112 Electronic Engine Controls

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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7.2. ELECTRONIC ENGINE CONTROLS — CUMMINS ENGINE, P. 2

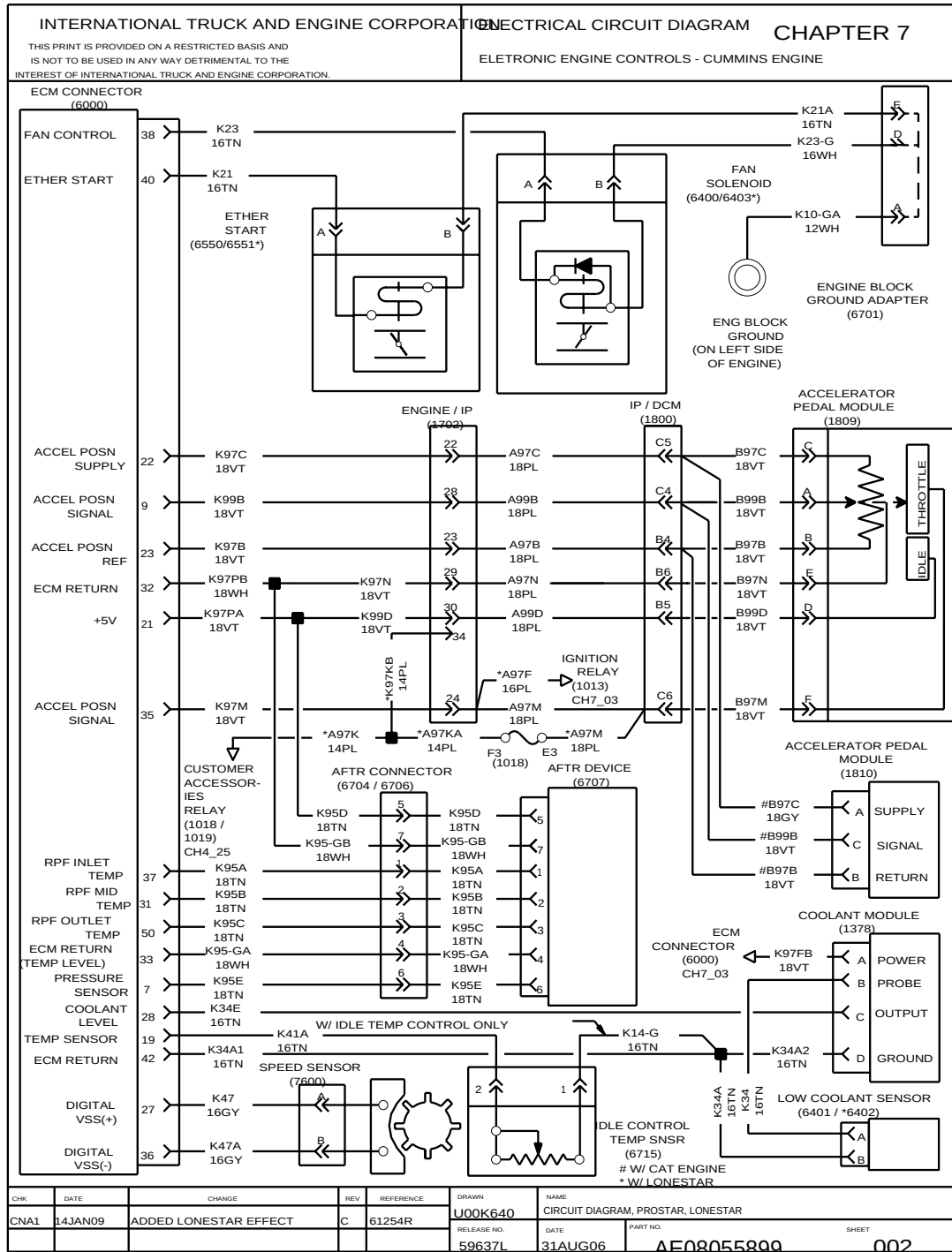
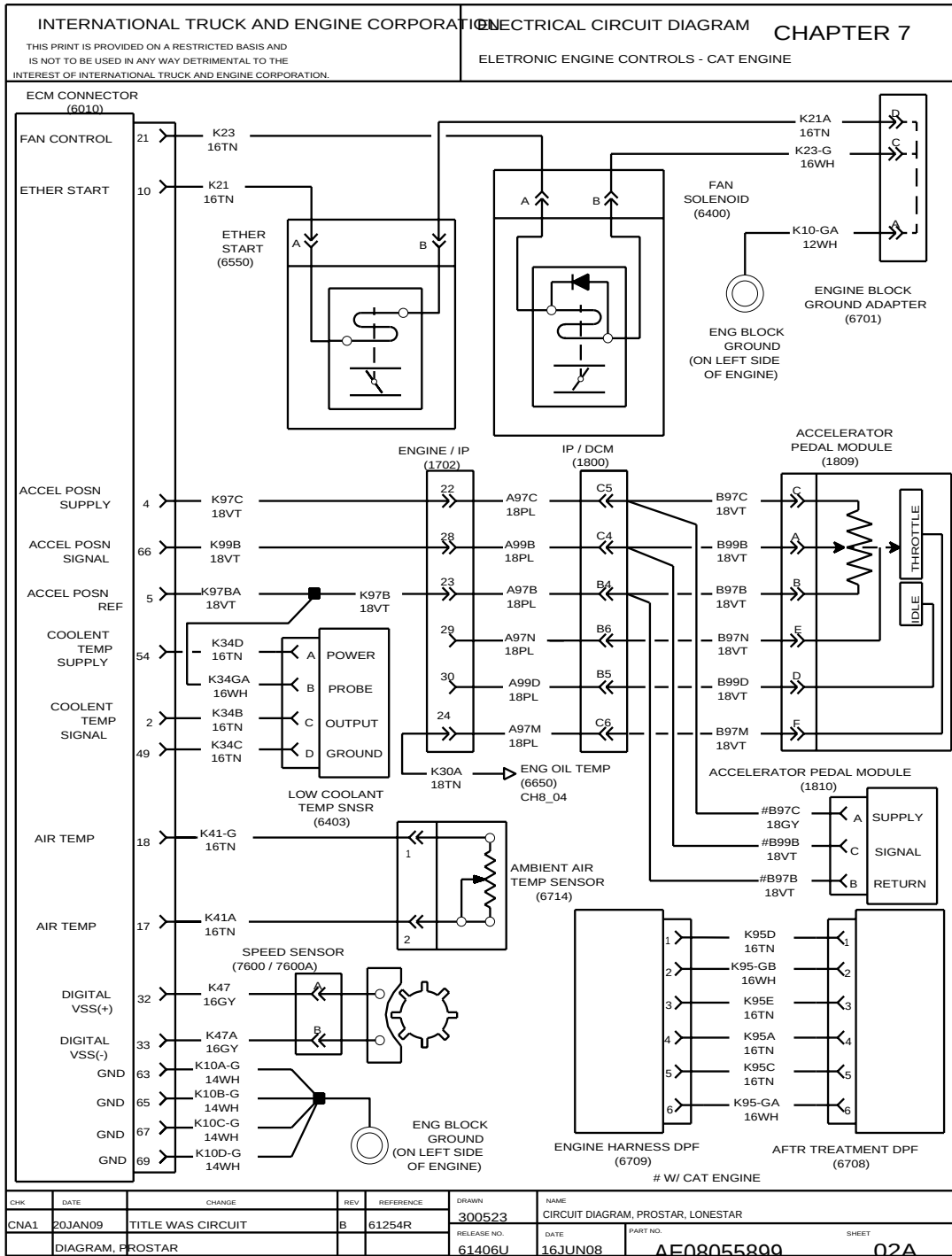


Figure 113 Electronic Engine Controls — Cummins Engine

7.3. ELECTRONIC ENGINE CONTROLS — CAT ENGINE, P. 2A

Figure 114 Electronic Engine Controls — Cat Engine

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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7.4. ELECTRONIC ENGINE CONTROLS — CUMMINS ENGINES, P. 3

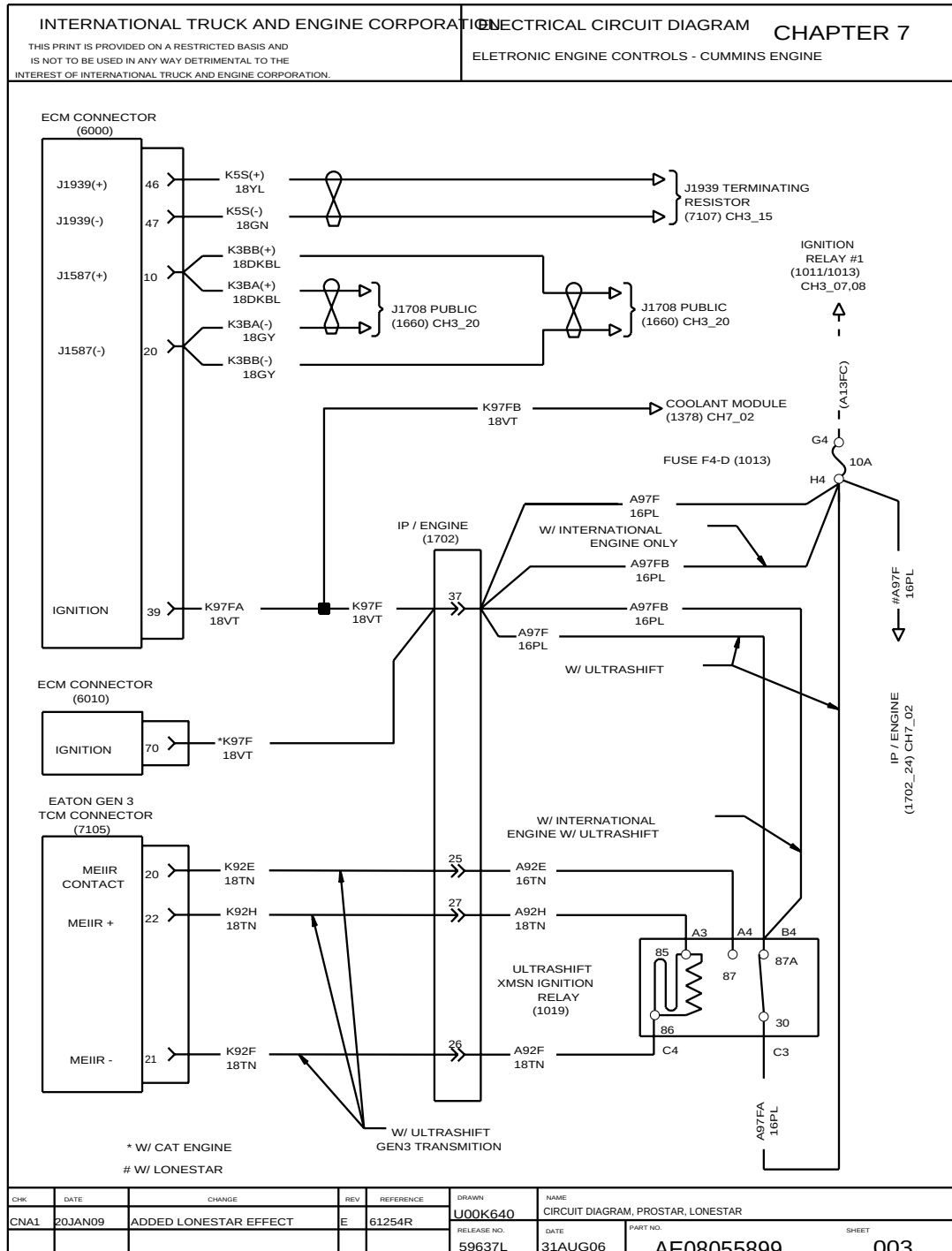


Figure 115 Electronic Engine Controls — Cummins Engines

7.5. ELECTRONIC ENGINE CONTROLS WITH ICON, P. 4

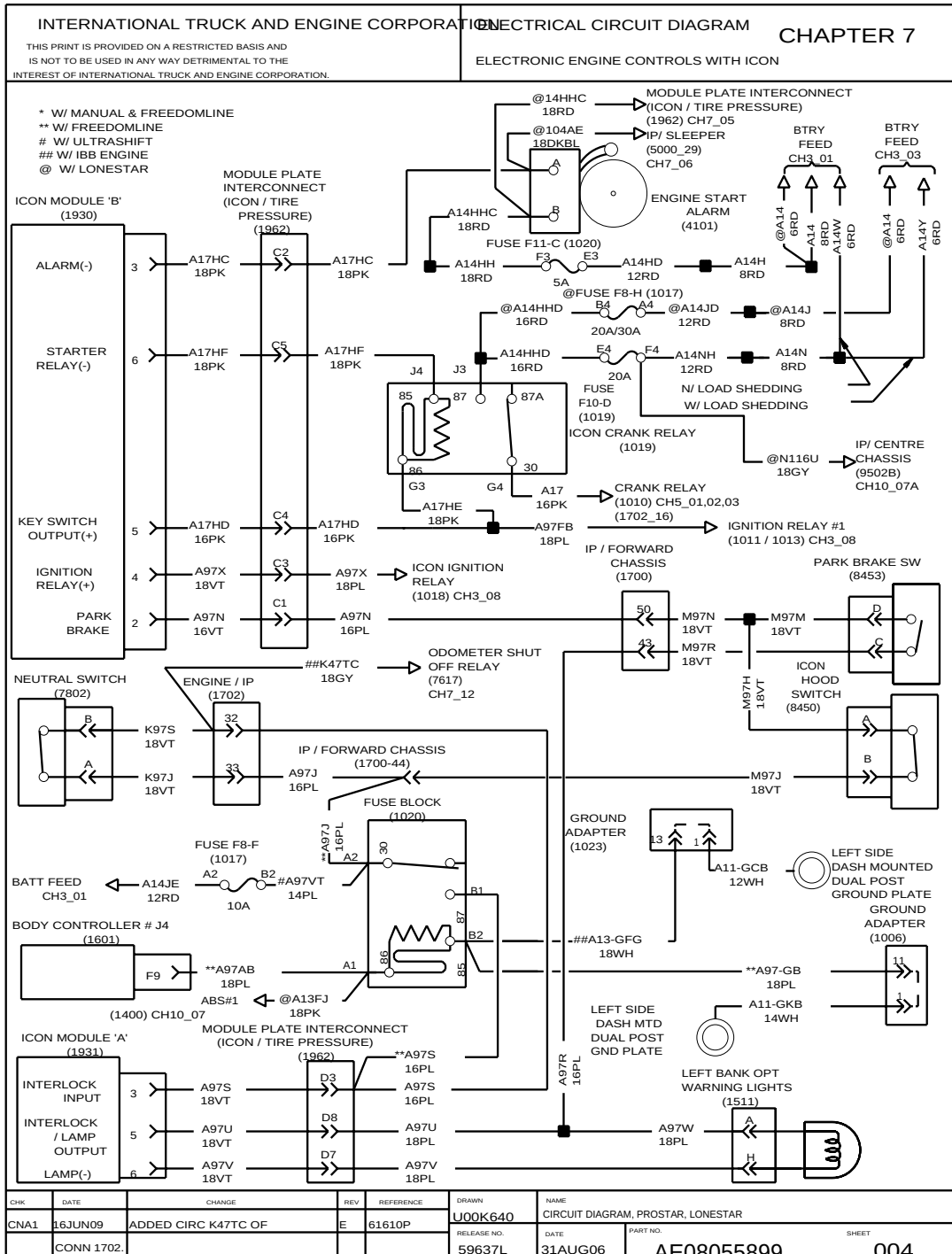


Figure 116 Electronic Engine Controls with ICON

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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7.6. ELECTRONIC ENGINE CONTROLS WITH ICON, P. 5

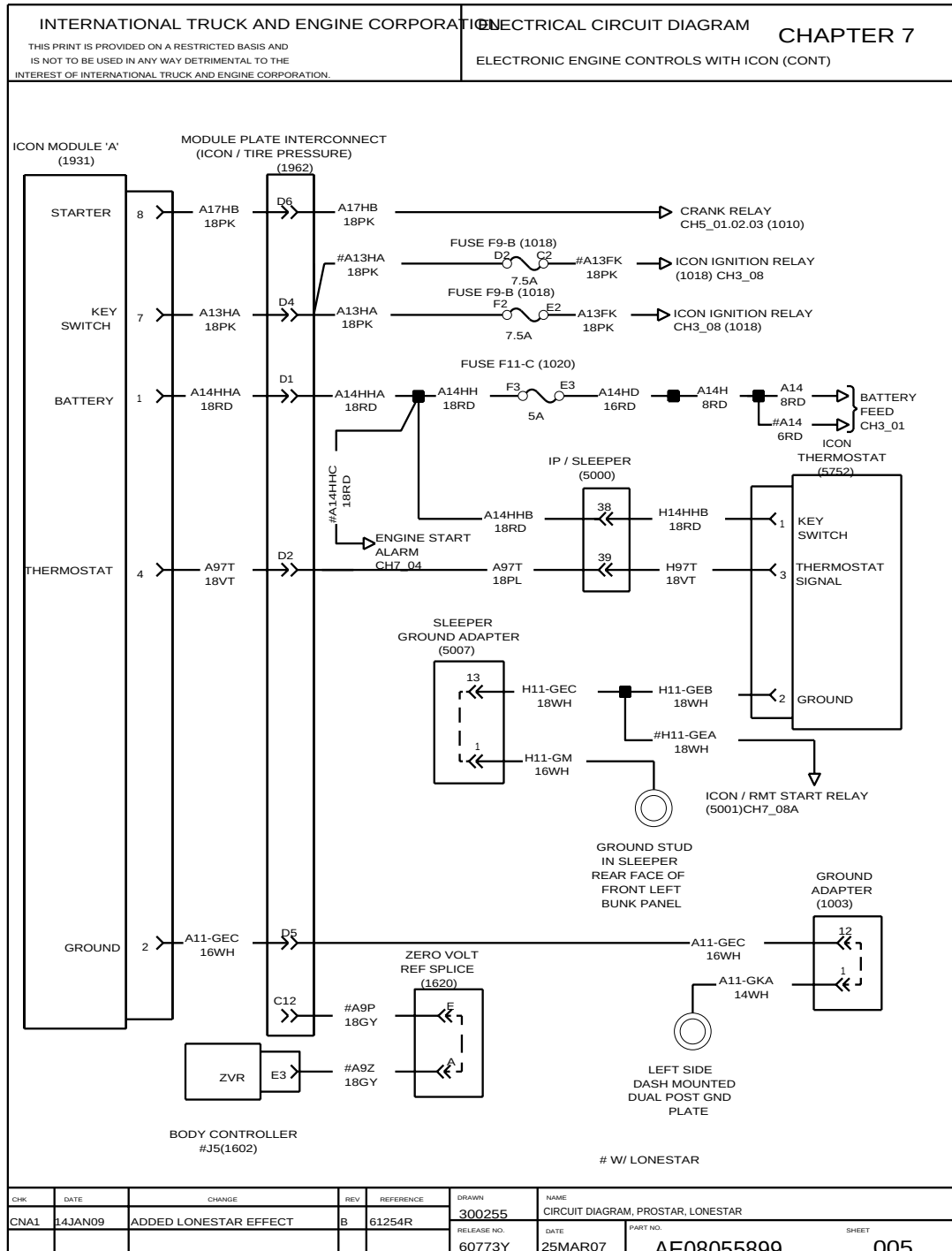


Figure 117 Electronic Engine Controls with ICON (Cont.)

7.7. ELECTRONIC ENGINE CONTROLS WITH ICON, P. 6

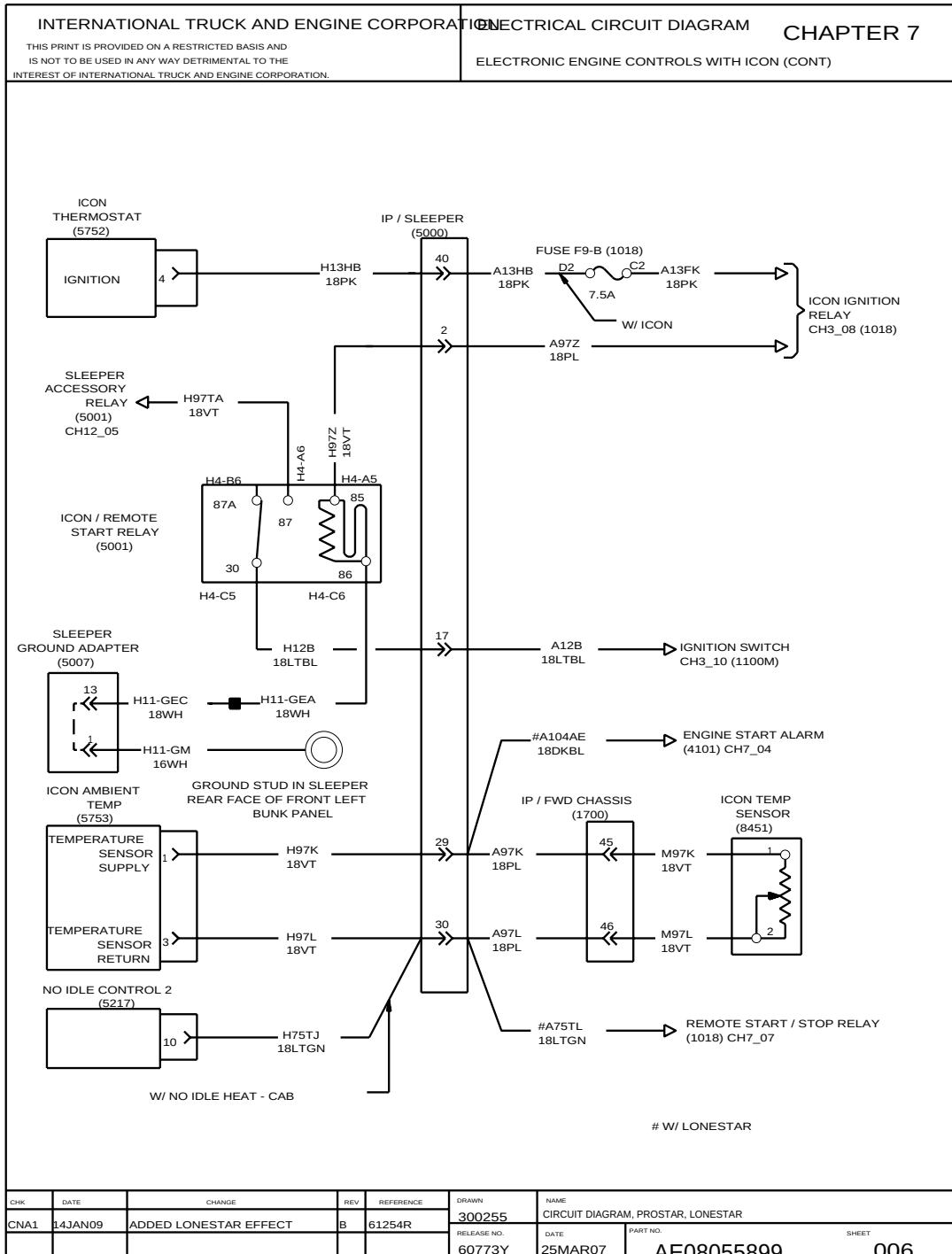


Figure 118 Electronic Engine Controls with ICON (Cont.)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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7.8. REMOTE START/STOP, P. 7

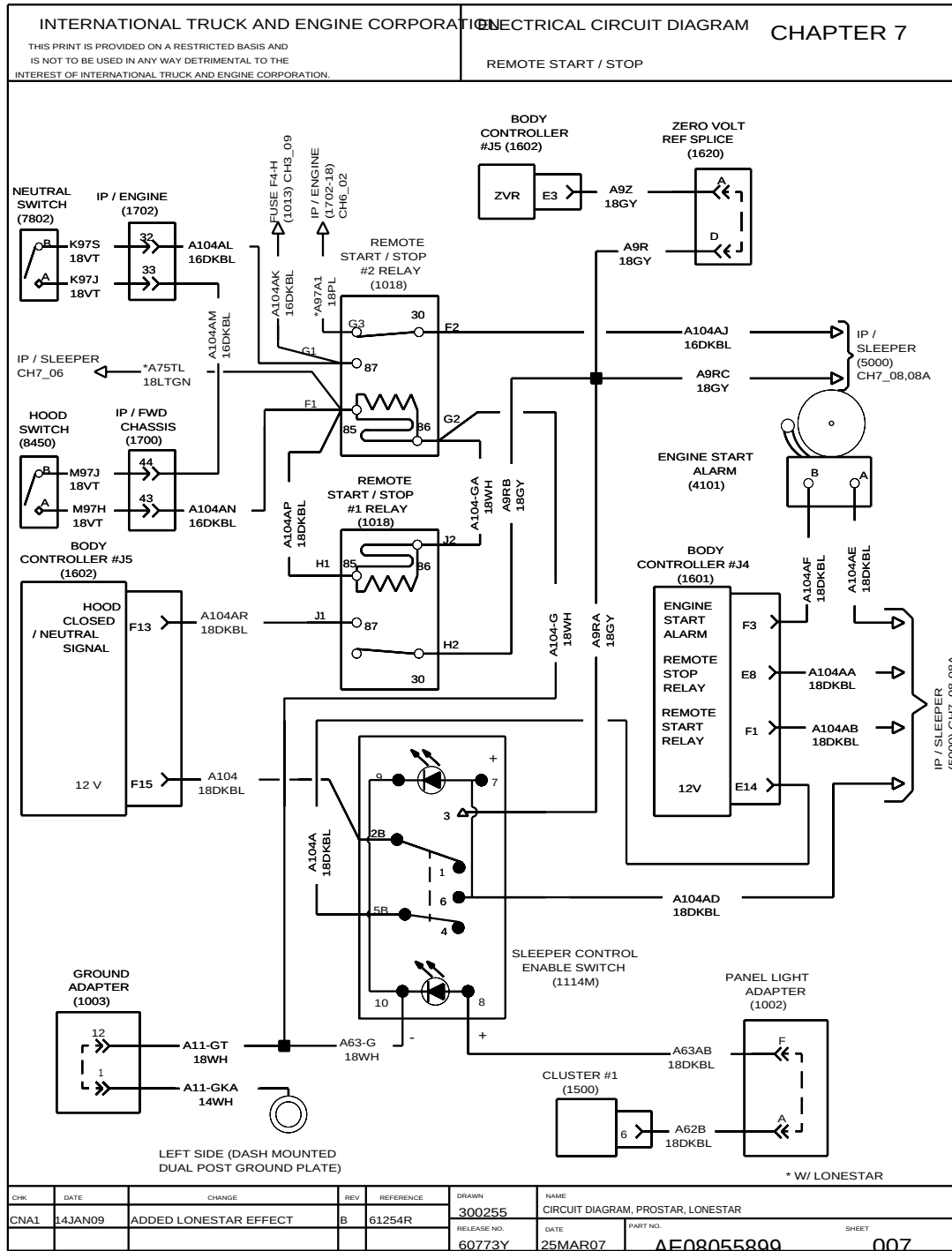


Figure 119 Remote Start/Stop

7.9. REMOTE START/STOP, P. 8

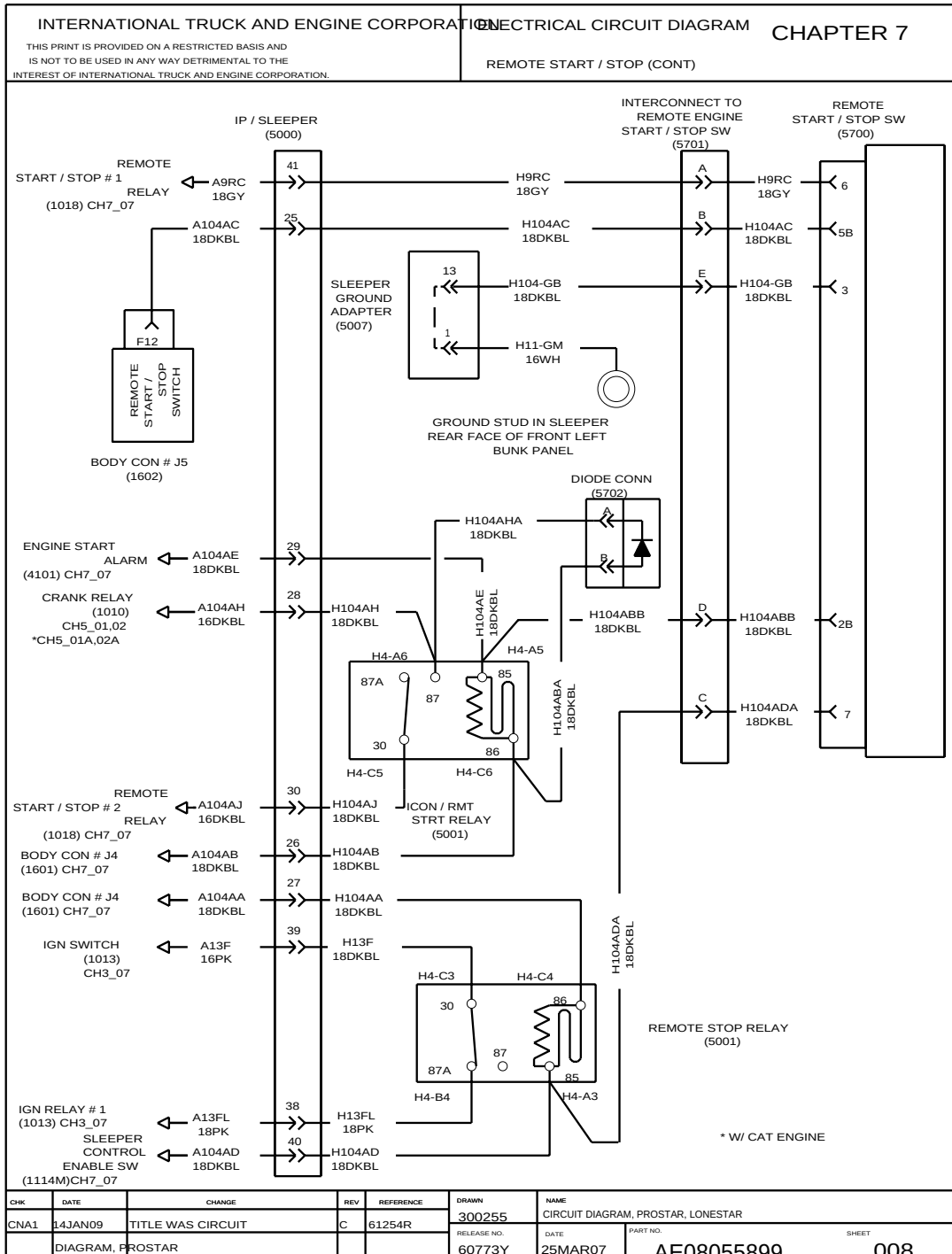


Figure 120 Remote Start/Stop (Cont.)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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7.10. REMOTE START/STOP, P. 8A

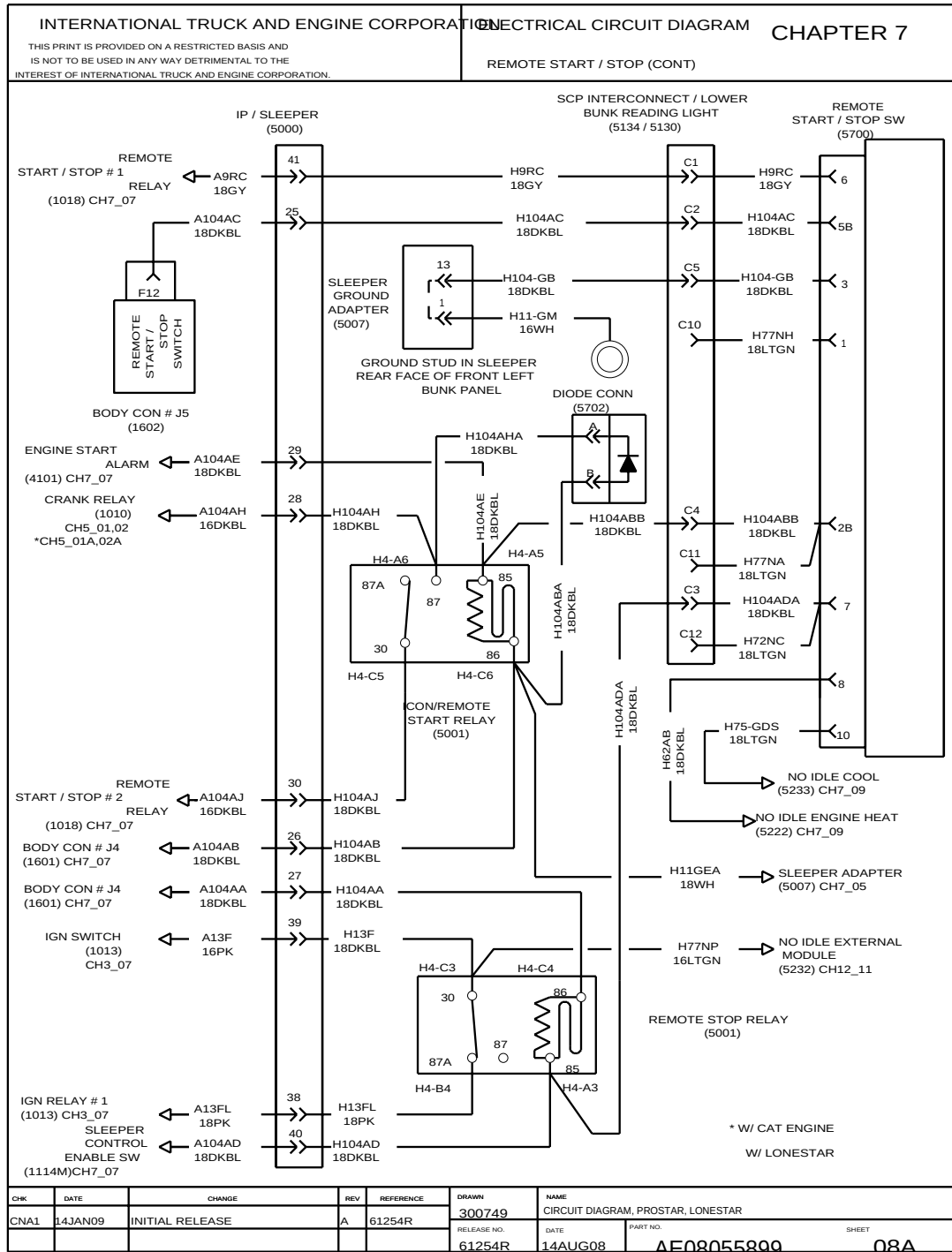


Figure 121 Remote Start/Stop (Cont.)

7.11. NO IDLE ENGINE HEAT, P. 9

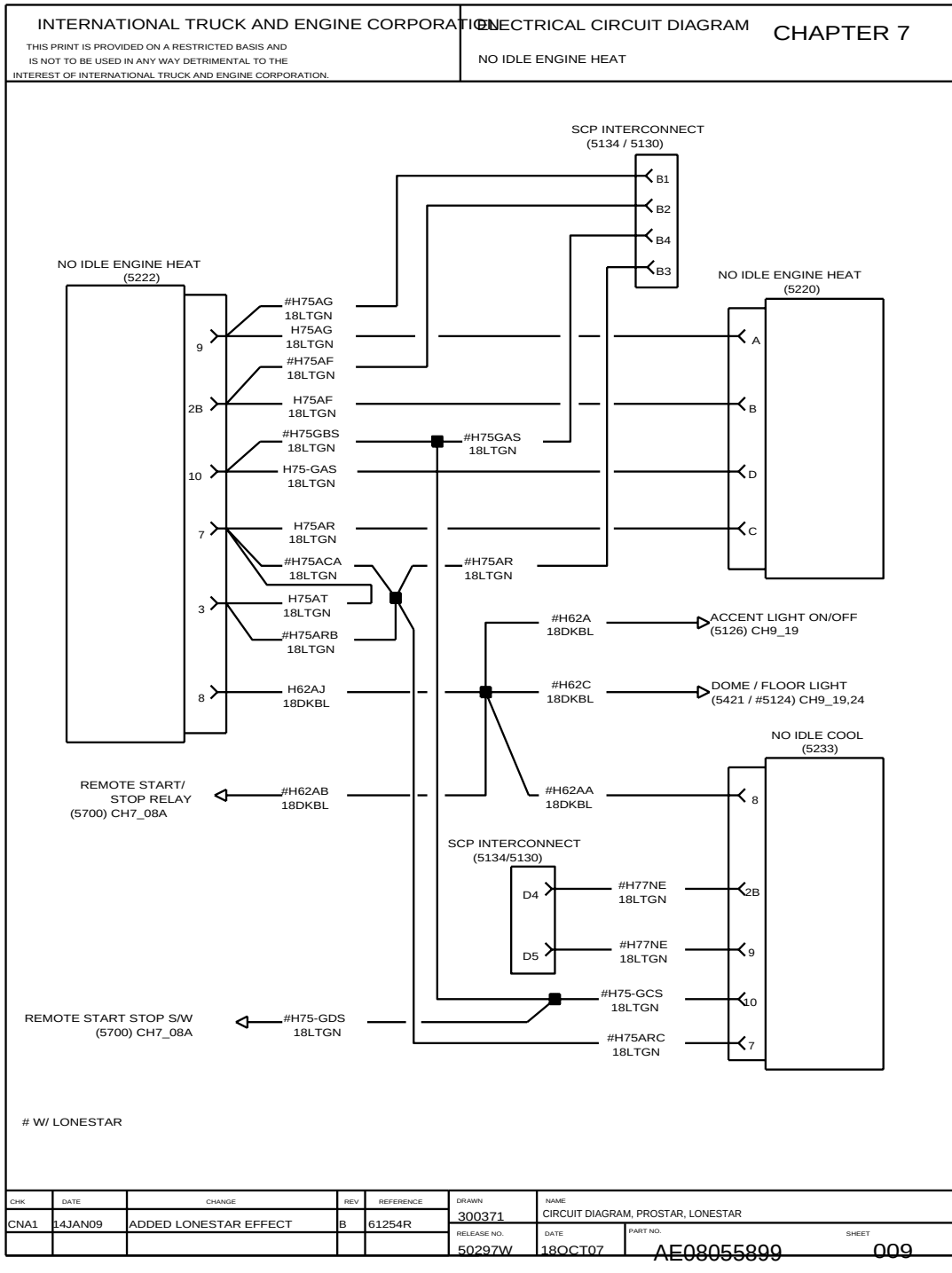


Figure 122 No Idle Engine Heat

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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7.12. TRI-PAC NO IDLE, P. 10

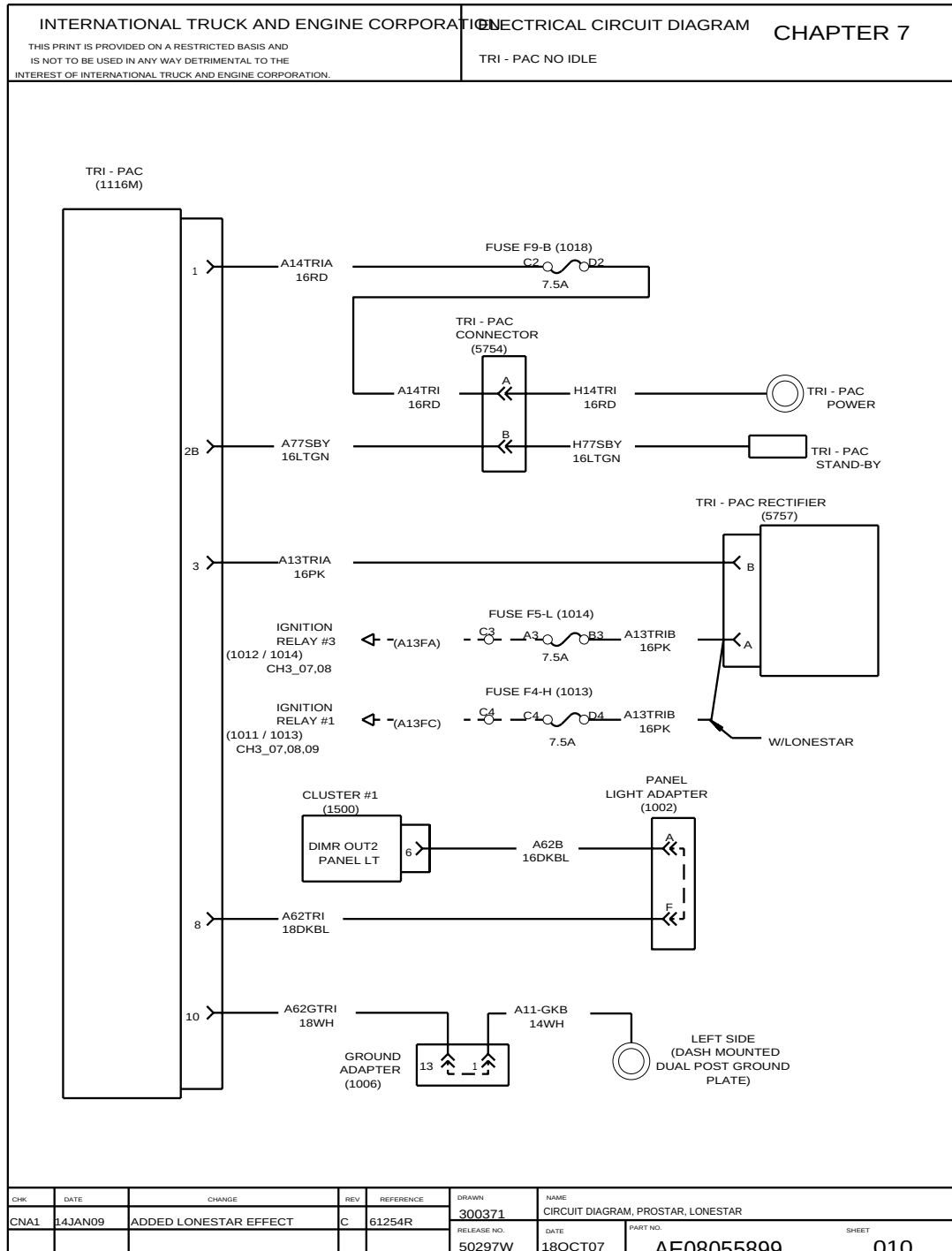


Figure 123 Tri-Pac No Idle

7.13. ELECTRONIC ENGINE CONTROLS (IBB ENGINE), P. 11

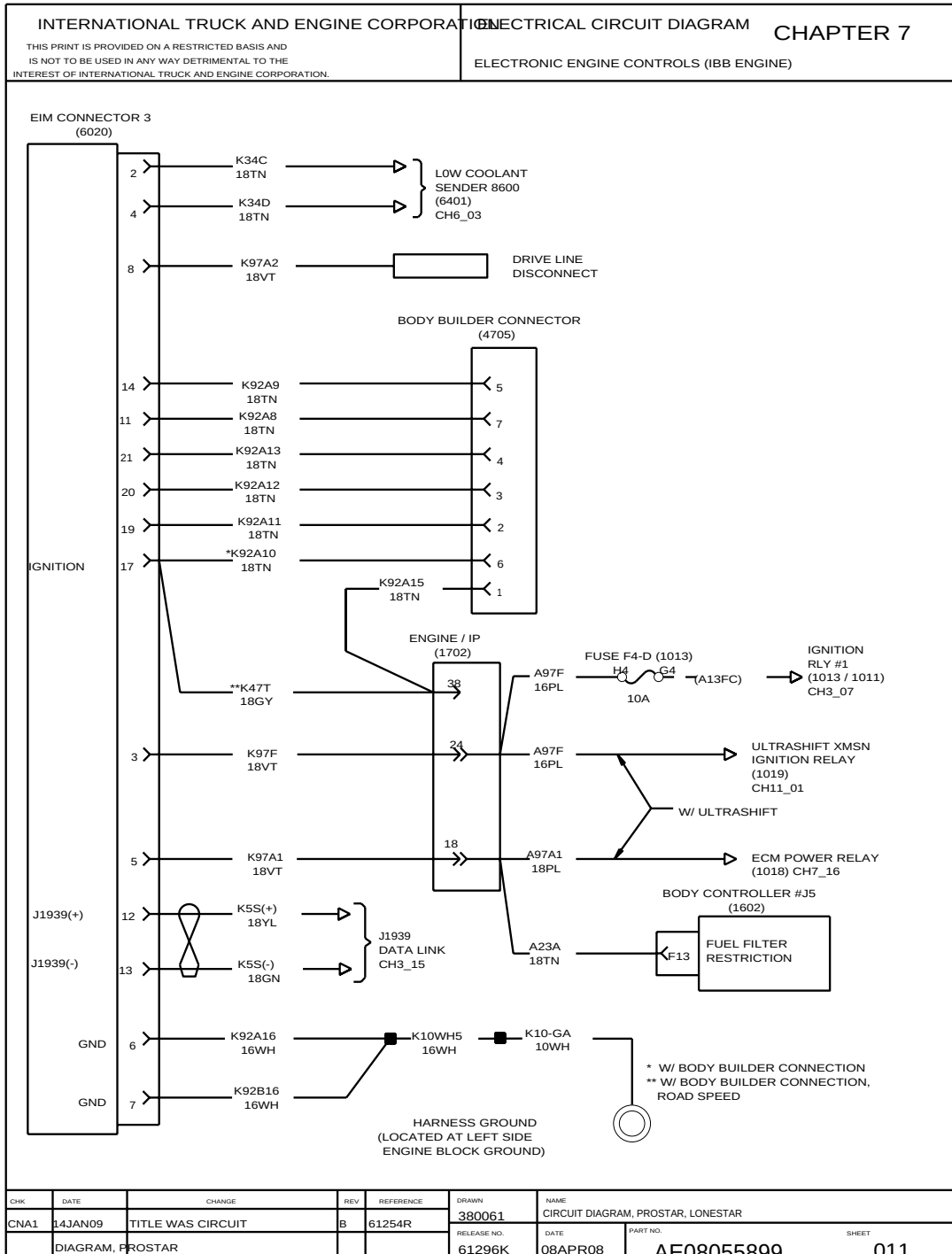


Figure 124 Electronic Engine Controls (IBB Engine)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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7.14. ELECTRONIC ENGINE CONTROLS (IBB ENGINE), P. 12

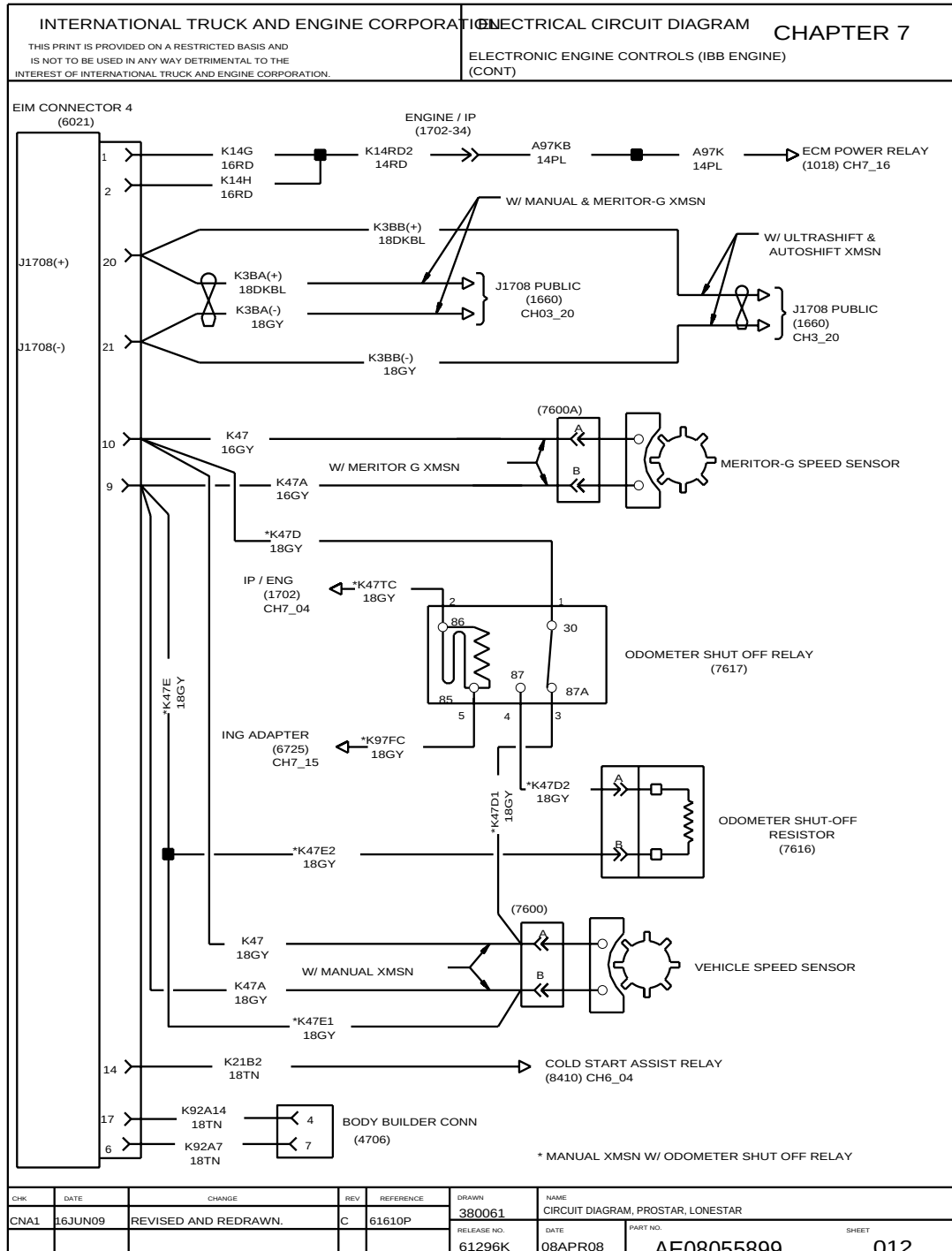


Figure 125 Electronic Engine Controls (IBB Engine)

7.15. ELECTRONIC ENGINE CONTROLS (IBB ENGINE), P. 12A

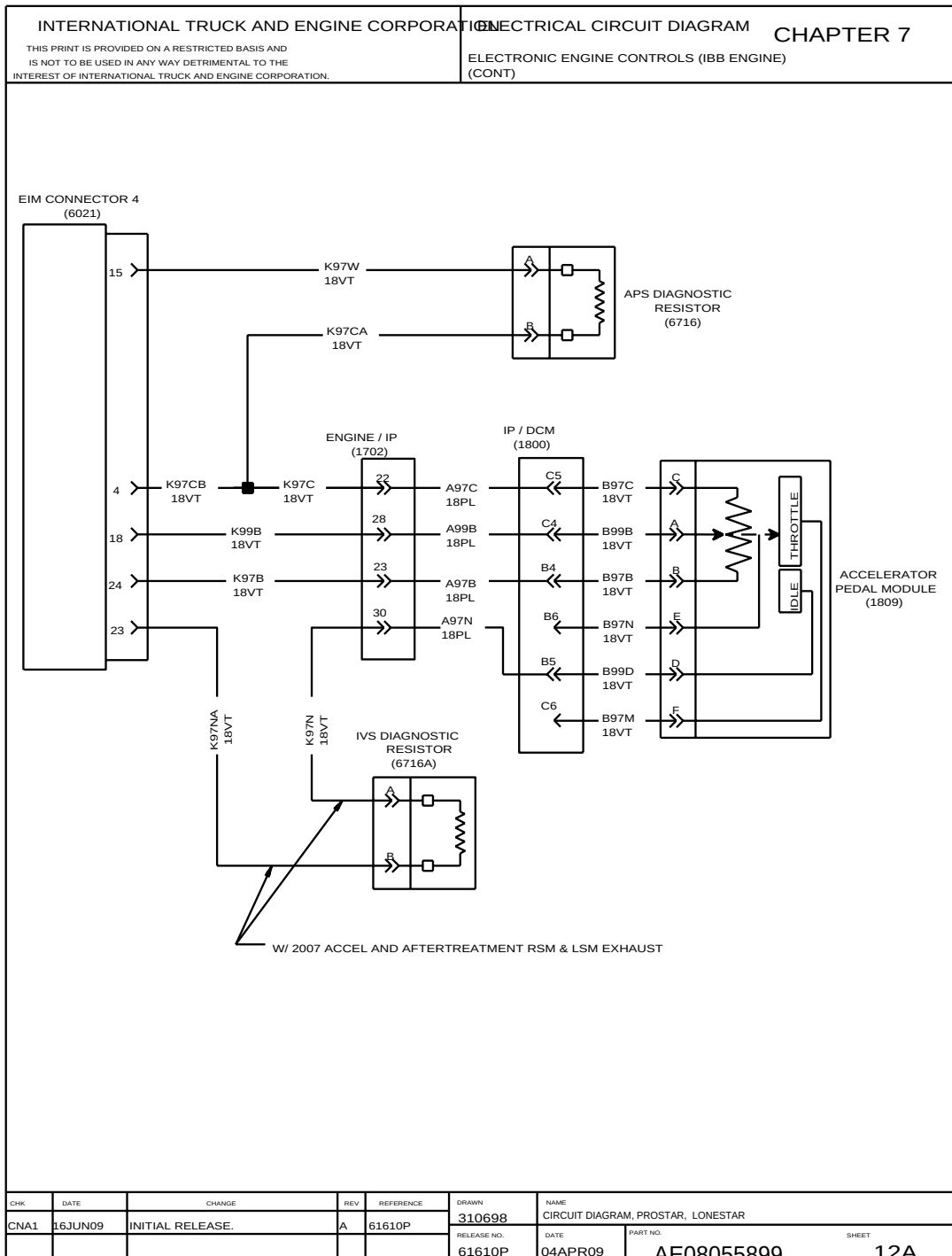


Figure 126 Electronic Engine Controls (IBB Engine)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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7.16. ELECTRONIC ENGINE CONTROLS (IBB ENGINE), P. 13

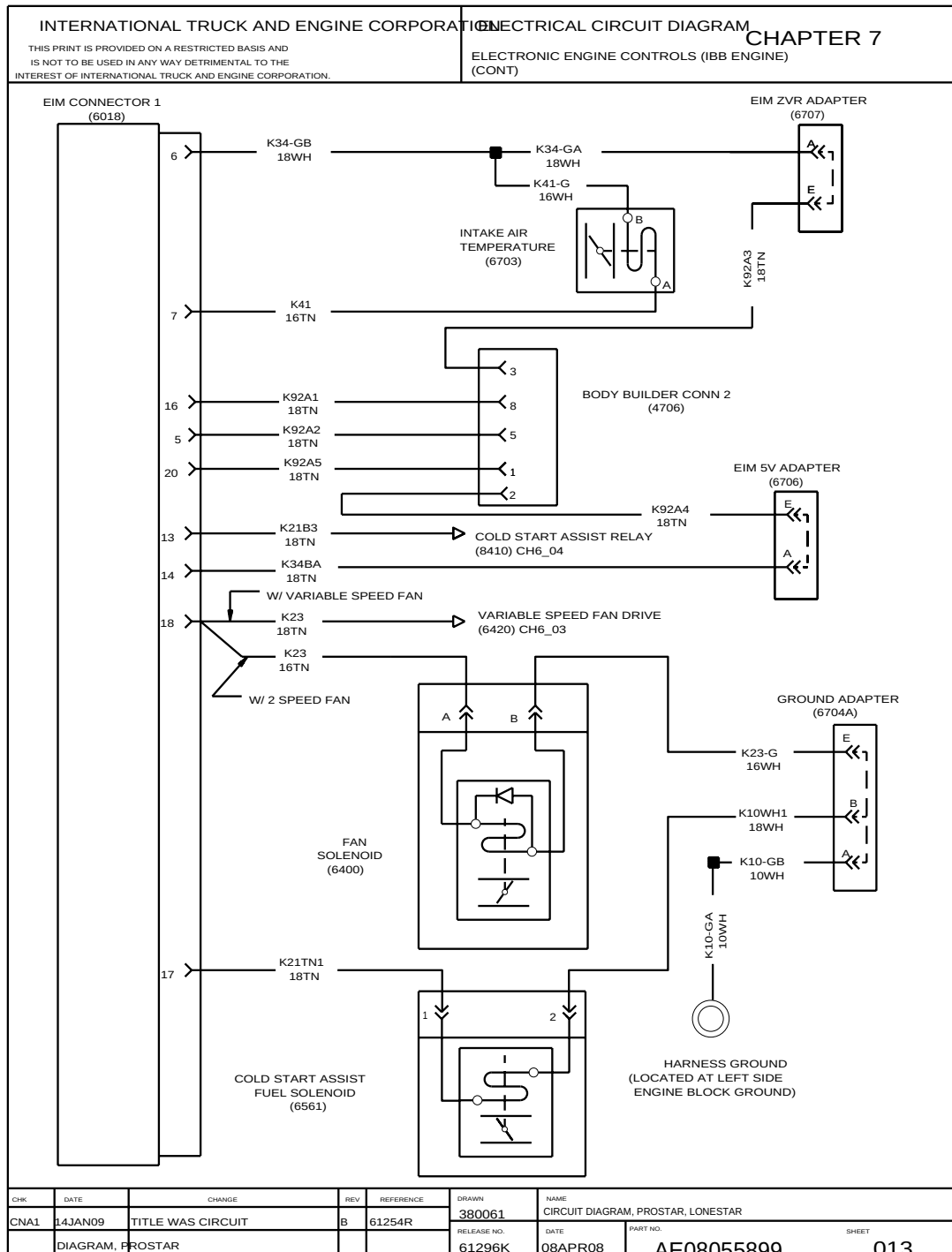


Figure 127 Electronic Engine Controls (IBB Engine)

7.17. ELECTRONIC ENGINE CONTROLS (IBB ENGINE), P. 14

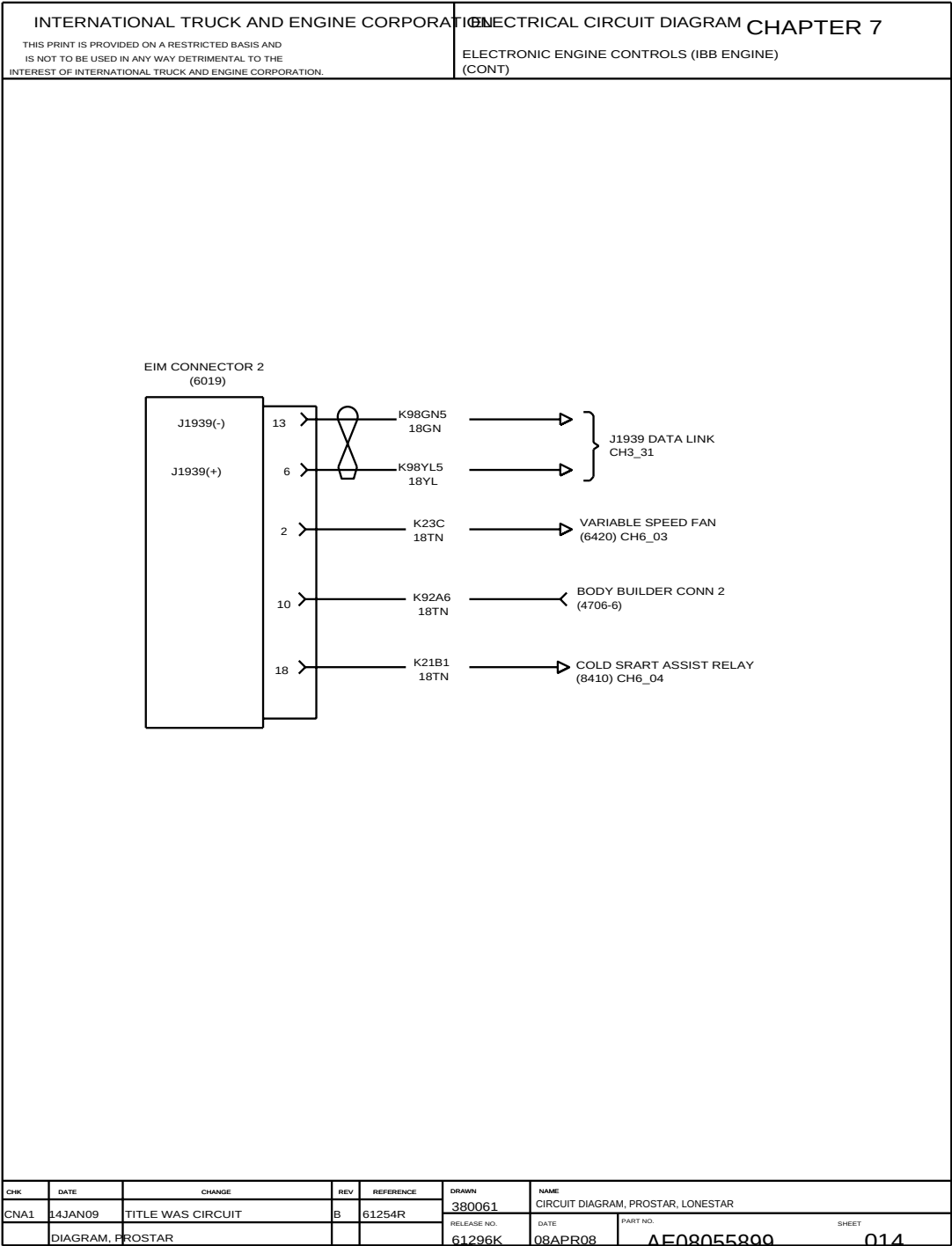


Figure 128 Electronic Engine Controls (IBB Engine)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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7.18. ELECTRONIC ENGINE CONTROLS (IBB ENGINE), P. 15

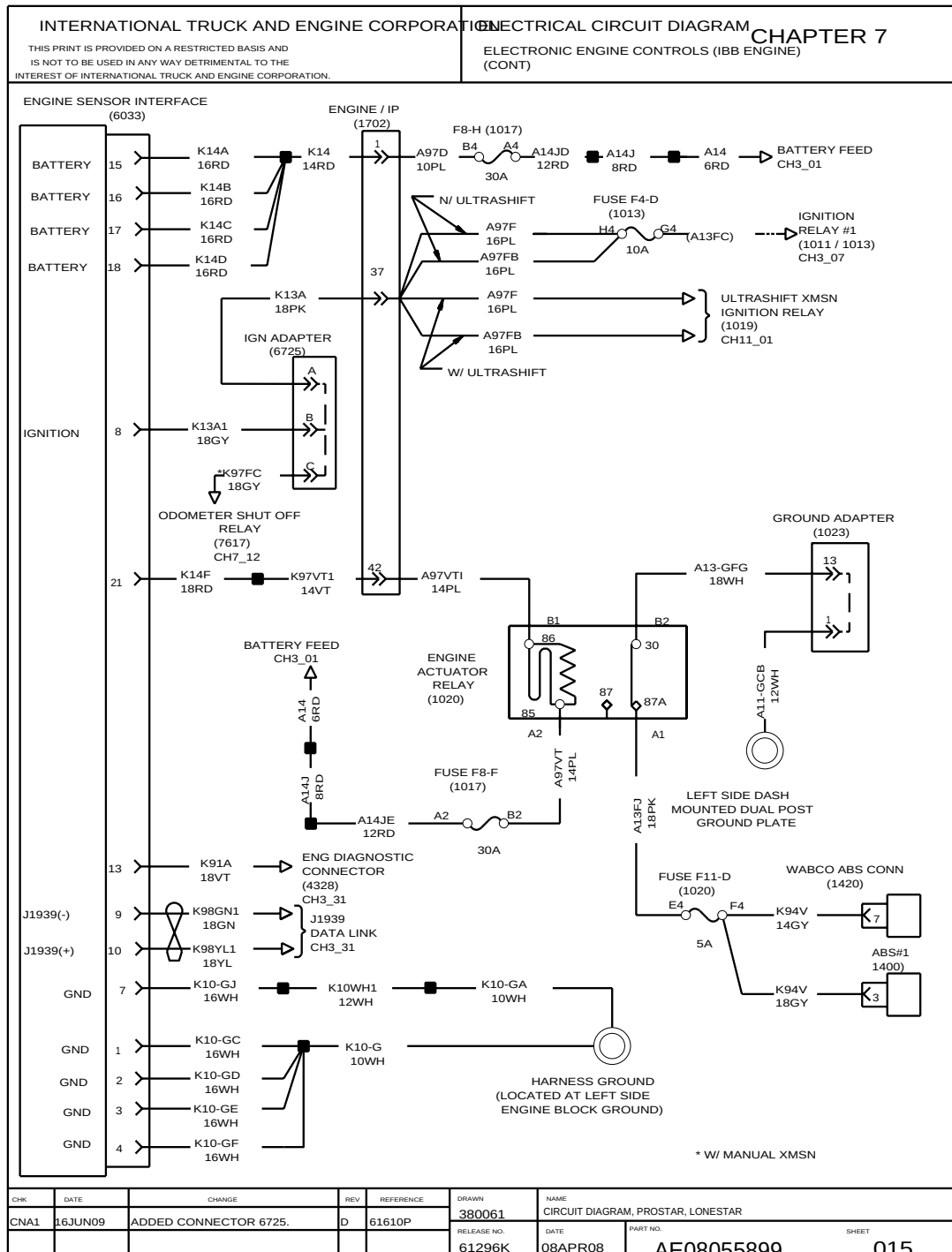


Figure 129 Electronic Engine Controls (IBB Engine)

7.19. AFTERTREATMENT (IBB ENGINE), P. 16

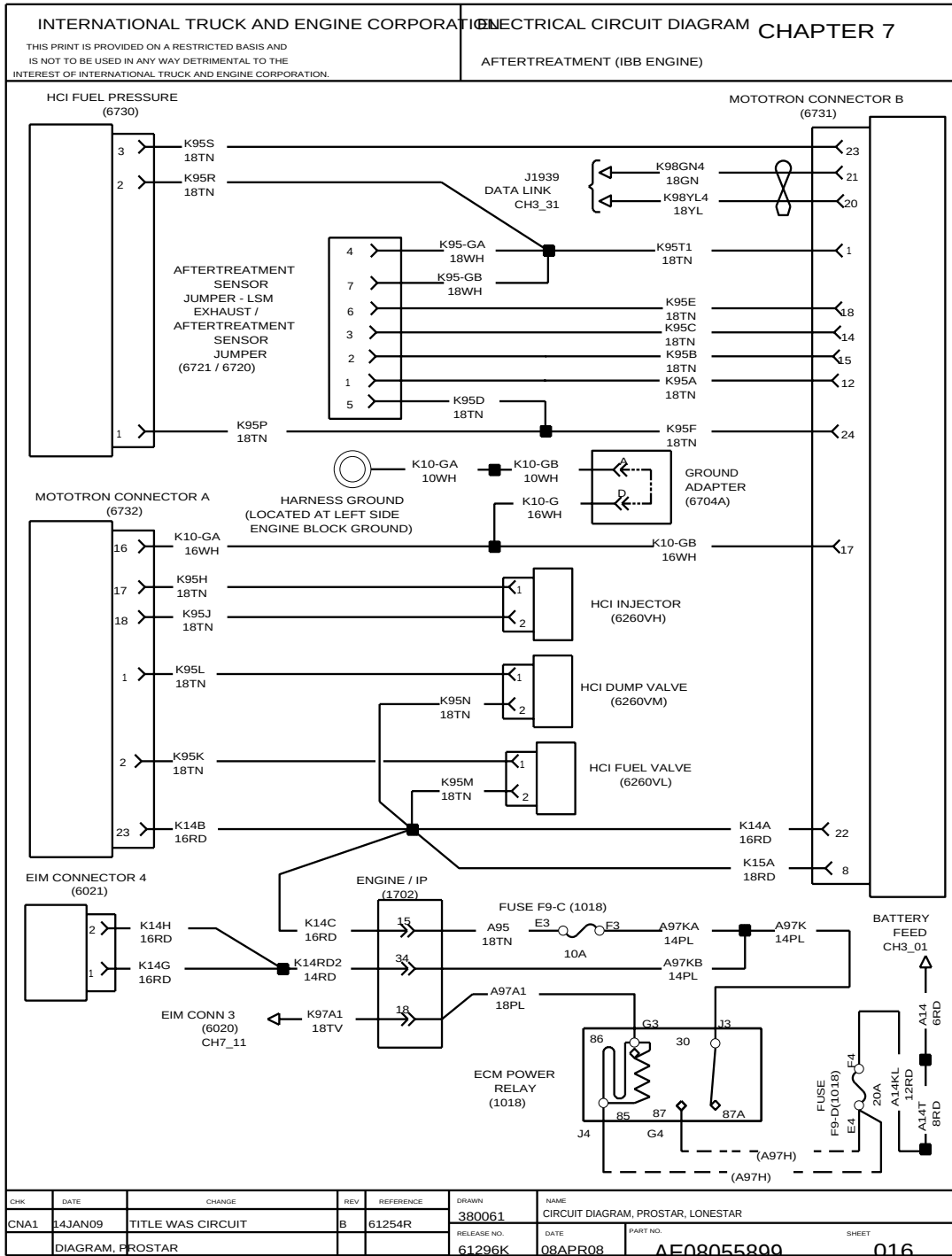


Figure 130 Aftertreatment (IBB Engine)

8. GAUGES AND WARNING LIGHTS (CHAPTER 8)

8.1. AIR PRESSURE INPUT CIRCUIT AND AIR RESTRICTION GAUGE, P. 1

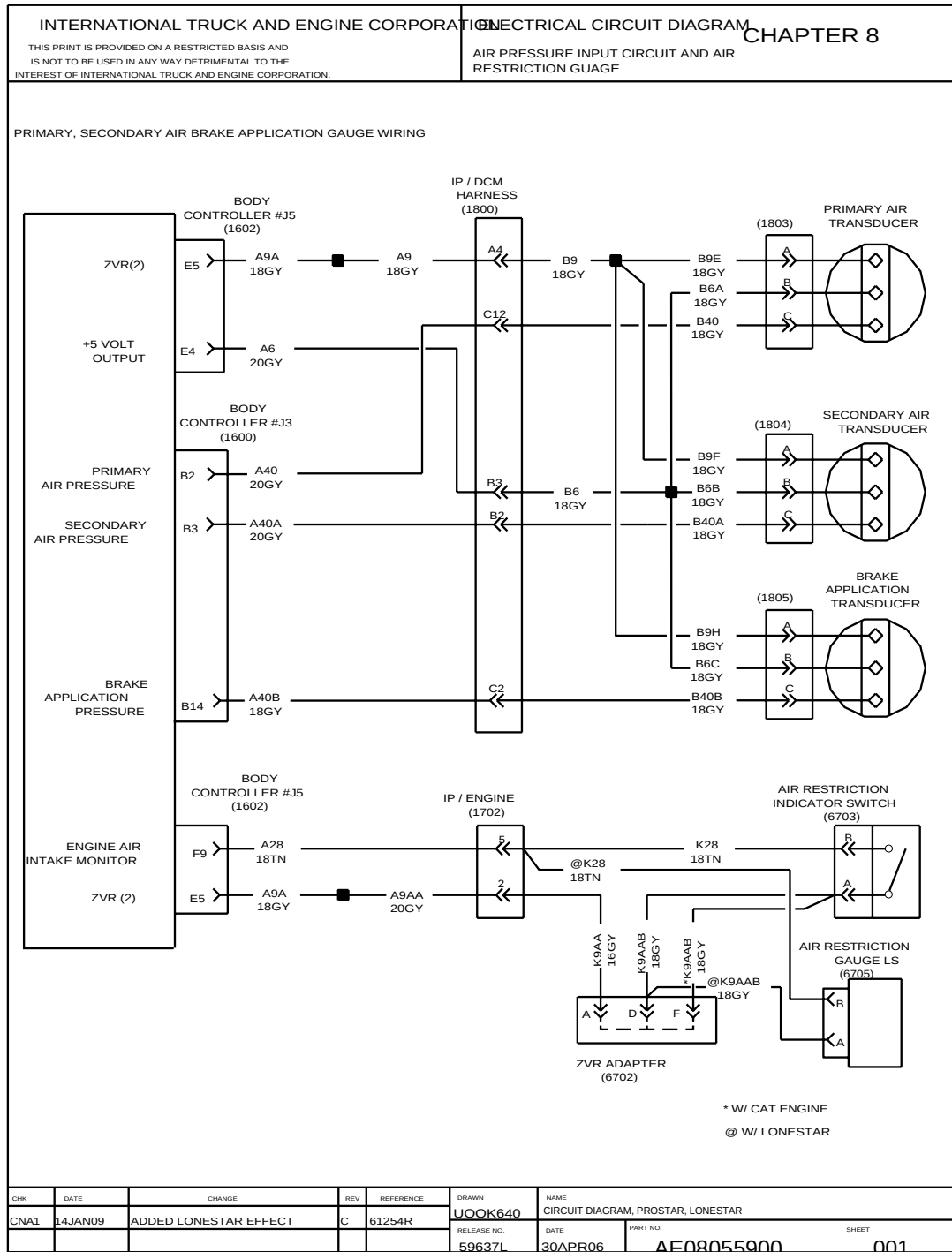


Figure 131 Air Pressure Input Circuit and Air Restriction Gauge

8.2. AXLE TEMPERATURE GAUGES, P. 2

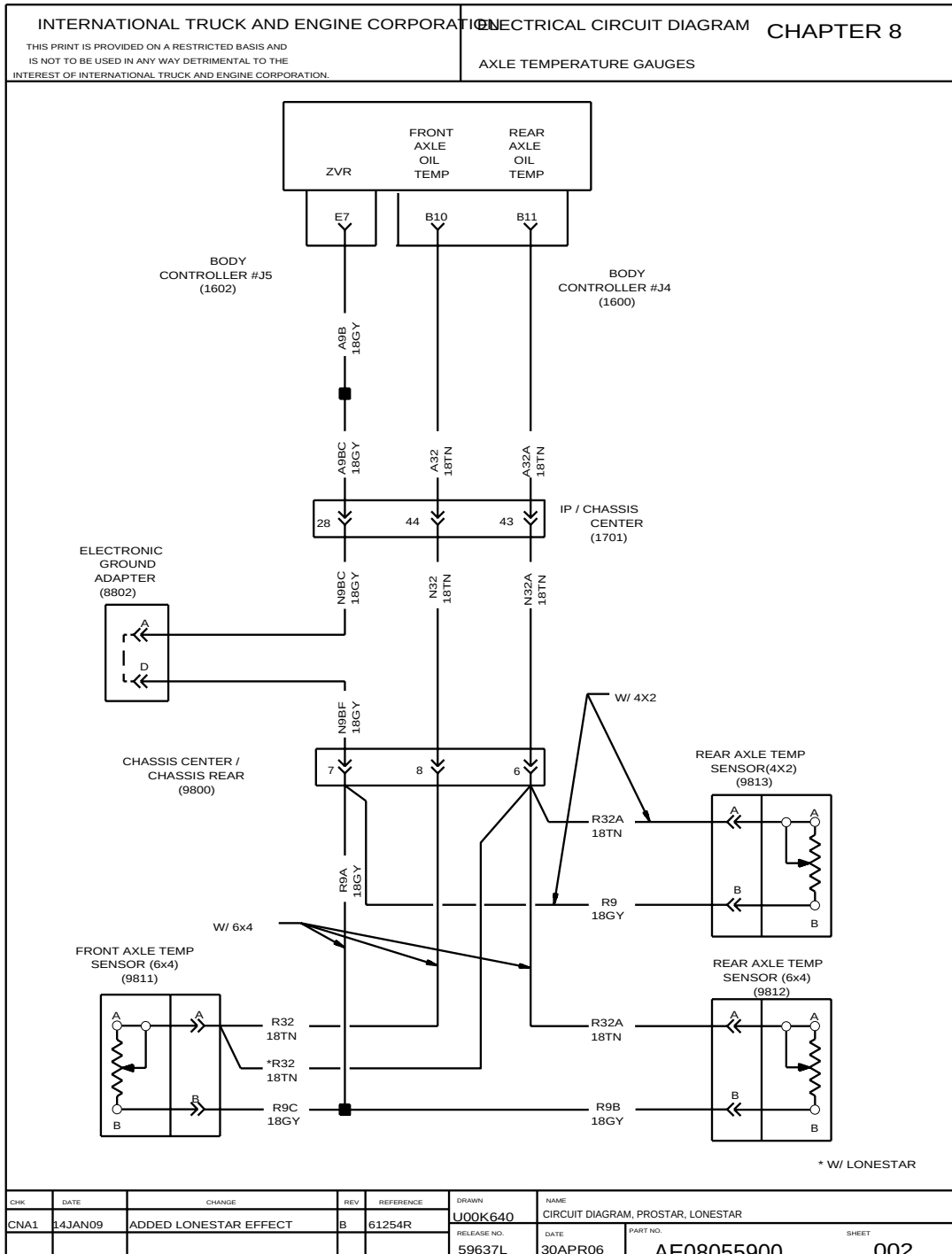


Figure 132 Axle Temperature Gauges

8.3. ENGINE OIL PRESSURE AND TEMPERATURE, SPEEDOMETER, TACHOMETER, VOLTMETER AND WATER TEMP. GAUGES, P. 3

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 8	
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REFER TO CONSOLIDATED ENGINE / VEHICLE CONTROLLER DIAGNOSTICS MANUAL FOR CIRCUIT DIAGRAMS SHOWING INPUT CIRCUITRY FOR THE FOLLOWING DATALINK DRIVEN SYSTEM:									
ENGINE OIL PRESSURE GAUGE									
ENGINE OIL TEMPERATURE GAUGE									
SPEEDOMETER GAUGE									
TACHOMETER GAUGE									
WATER TEMPERATURE GAUGE									
CHK	DATE	CHANGE	REV.	REFERENCE	DRAWN	NAME			
CNA1	14JAN09	TITLE WAS CIRCUIT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR			
	DIAGRAM, PROSTAR				RELEASE NO.	DATE	PART NO.	SHEET	
					596371	30APR06	A509055000	003	

Figure 133 Engine Oil Pressure and Temperature, Speedometer, Tachometer, Voltmeter and Water Temp. Gauges

8.4. ENGINE OIL AND TRANSMISSION OIL TEMPERATURE GAUGES, P. 4

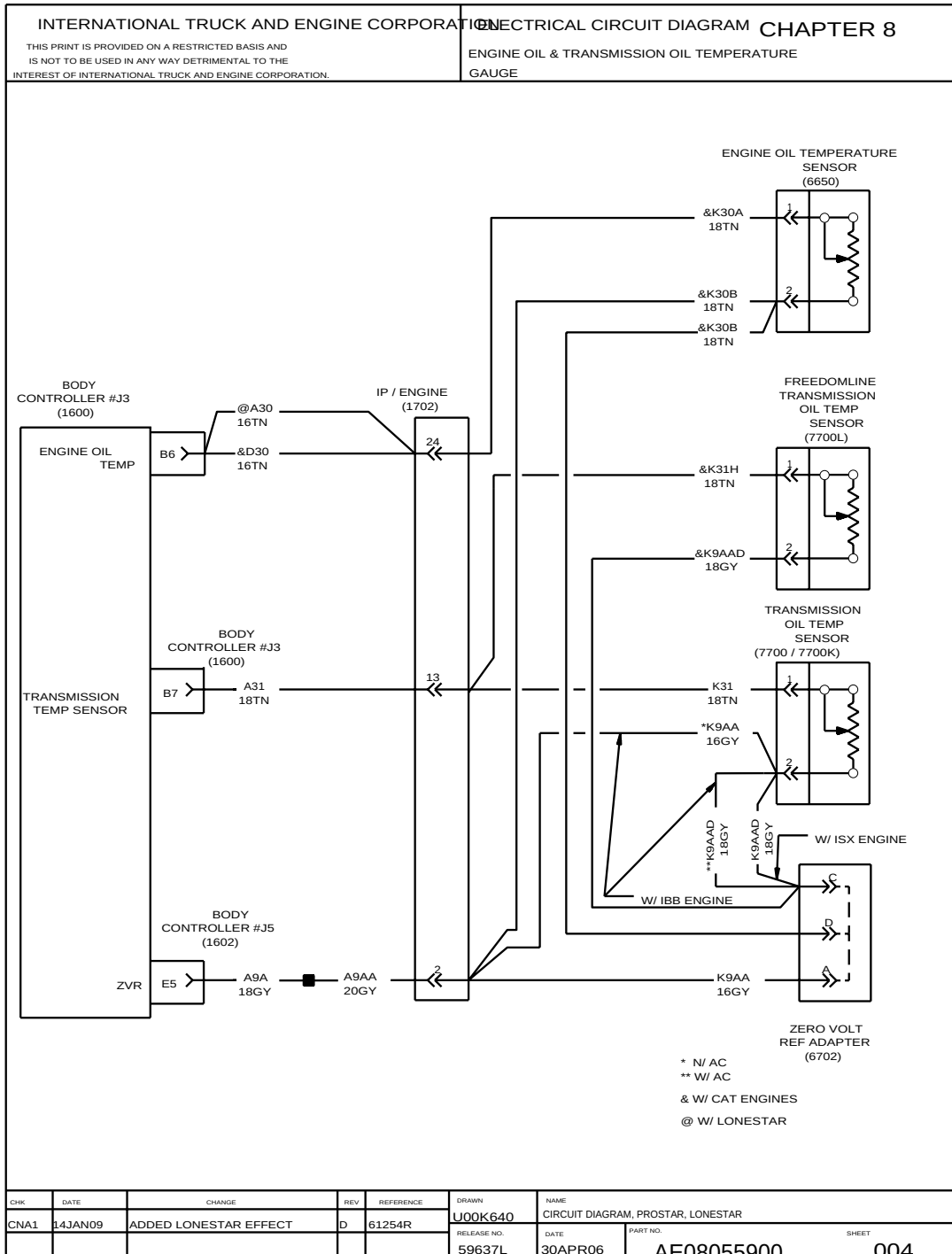


Figure 134 Engine Oil and Transmission Oil Temperature Gauges

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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8.5. FUEL HEATER, P. 5

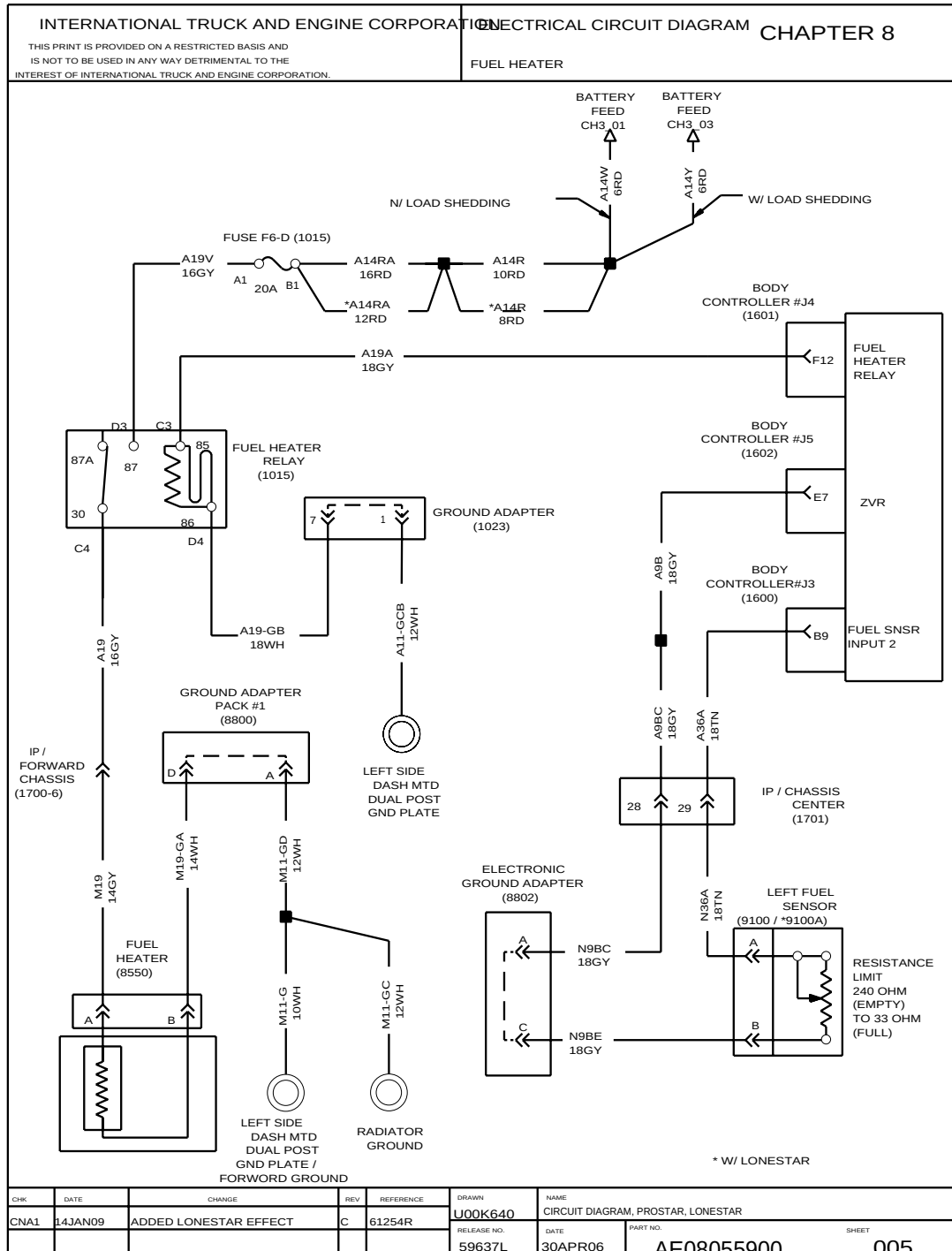


Figure 135 Fuel Heater

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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8.7. DIFFERENTIAL LOCK AND OPTIONAL INDICATOR, P. 7

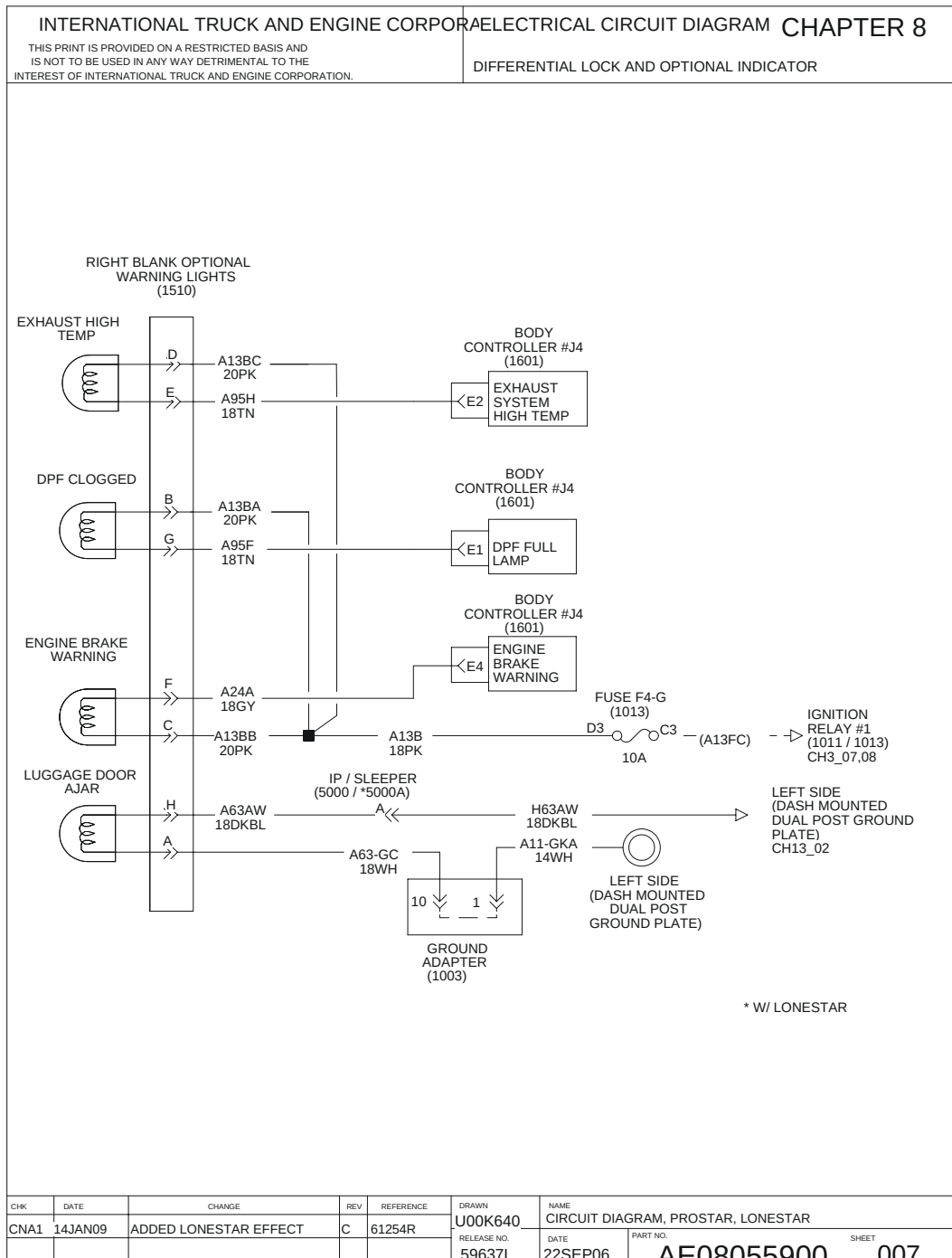
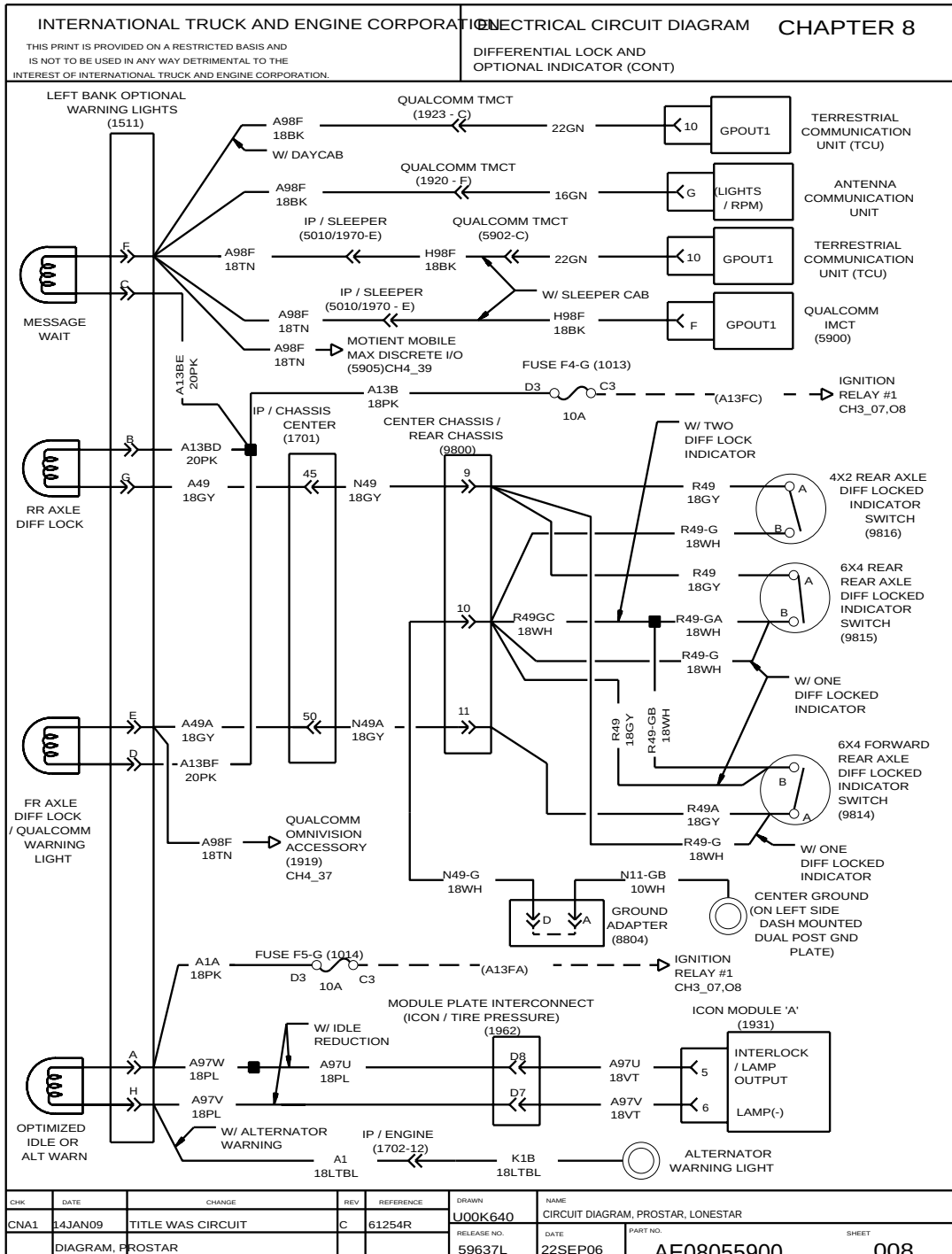


Figure 137 Differential Lock and Optional Indicator

8.8. DIFFERENTIAL LOCK AND OPTIONAL INDICATOR, P. 8

Figure 138 Differential Lock and Optional Indicator (Cont.)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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8.9. BLANK PAGE, P. 9

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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	14JAN09	TITLE WAS CIRCUIT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR	
		DIAGRAM, PROSTAR			59637L	DATE	PART NO.
						22SEP06	AE08055900
							SHEET 009

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**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS****8.10. IP / GAUGES, P. 10**

INTERNATIONAL TRUCK AND ENGINE CORPORATION		ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 8																																																																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		IP / GAUGES																																																																											
<table border="1"><thead><tr><th colspan="4">INSTRUMENT PANEL GAUGE CLUSTER</th></tr><tr><th>GAUGE</th><th>WARN LIGHT</th><th>SIGNAL PATH</th><th>SENSOR LOCATION</th></tr></thead><tbody><tr><td>RPM (TACH)</td><td>NO</td><td>ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER</td><td>ENGINE</td></tr><tr><td>MPH/KPH (SPD)</td><td>NO</td><td>ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER</td><td>TRANSMISSION</td></tr><tr><td>FUEL</td><td>YES</td><td>BODY CONT / DRIVE TRAIN J1939 / CLUSTER</td><td>FUEL TANK</td></tr><tr><td>VOLT</td><td>YES</td><td>BODY CONT / DRIVE TRAIN J1939 / CLUSTER</td><td>-</td></tr><tr><td>AIR 1 (PRES)</td><td>YES</td><td>BODY CONT / DRIVE TRAIN J1939 / CLUSTER</td><td>DRIVER CONTROL MODULE</td></tr><tr><td>AIR 2 (PRES)</td><td>YES</td><td>BODY CONT / DRIVE TRAIN J1939 / CLUSTER</td><td>DRIVER CONTROL MODULE</td></tr><tr><td>WATER (TEMP)</td><td>YES</td><td>ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER</td><td>ENGINE</td></tr><tr><td>ENG OIL (TEMP)</td><td>YES</td><td>ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER</td><td>ENGINE</td></tr><tr><td>OIL (PRES)</td><td>YES</td><td>ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER</td><td>ENGINE</td></tr><tr><td>TRANS. (TEMP)</td><td>YES</td><td>BODY CONT / DRIVE TRAIN J1939 / CLUSTER</td><td>TRANSMISSION</td></tr></tbody></table> <table border="1"><thead><tr><th colspan="4">SECONDARY GAUGE CLUSTER</th></tr><tr><th>GAUGE</th><th>WARN LIGHT</th><th>SIGNAL PATH</th><th>SENSOR LOCATION</th></tr></thead><tbody><tr><td>REAR RR AXLE OIL TEMP</td><td>YES</td><td>BODY CONT / DRIVE TRAIN J1939 / CLUSTER</td><td>REAR RR AXLE</td></tr><tr><td>FORWARD RR AXLE OIL TEMP</td><td>YES</td><td>BODY CONT / DRIVE TRAIN J1939 / CLUSTER</td><td>FORWARD RR AXLE</td></tr><tr><td>BOOST PRESSURE</td><td>NO</td><td>ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER</td><td>ENGINE</td></tr><tr><td>AIR APPLICATION</td><td>NO</td><td>BODY CONT / DRIVE TRAIN J1939 / CLUSTER</td><td>DRIVER CONTROL MODULE</td></tr></tbody></table> NOTES: 1. WARNING LIGHTS ARE PART OF THE GAUGES AND LOCATED IN THE GAUGE CLUSTER						INSTRUMENT PANEL GAUGE CLUSTER				GAUGE	WARN LIGHT	SIGNAL PATH	SENSOR LOCATION	RPM (TACH)	NO	ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER	ENGINE	MPH/KPH (SPD)	NO	ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER	TRANSMISSION	FUEL	YES	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	FUEL TANK	VOLT	YES	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	-	AIR 1 (PRES)	YES	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	DRIVER CONTROL MODULE	AIR 2 (PRES)	YES	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	DRIVER CONTROL MODULE	WATER (TEMP)	YES	ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER	ENGINE	ENG OIL (TEMP)	YES	ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER	ENGINE	OIL (PRES)	YES	ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER	ENGINE	TRANS. (TEMP)	YES	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	TRANSMISSION	SECONDARY GAUGE CLUSTER				GAUGE	WARN LIGHT	SIGNAL PATH	SENSOR LOCATION	REAR RR AXLE OIL TEMP	YES	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	REAR RR AXLE	FORWARD RR AXLE OIL TEMP	YES	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	FORWARD RR AXLE	BOOST PRESSURE	NO	ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER	ENGINE	AIR APPLICATION	NO	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	DRIVER CONTROL MODULE
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		DIAGRAM, PROSTAR			RELEASE NO. 59637L	DATE 30AUG06																																																																							
					PART NO. AE08055900	SHEET 010																																																																							

Figure 140 IP / Gauges

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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8.11. IP / GAUGES AND WARNING LIGHTS — GAUGE CLUSTER, P. 11

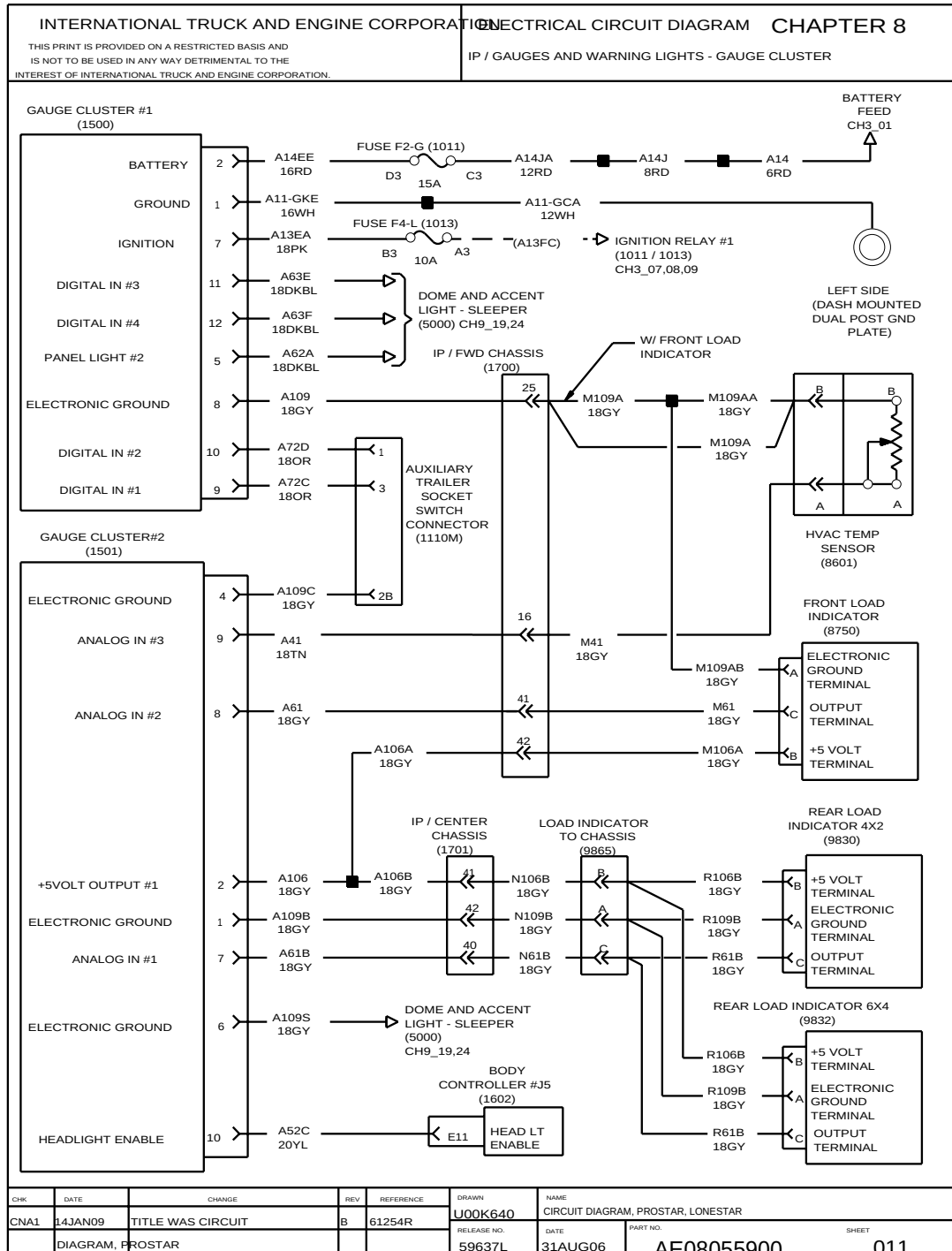


Figure 141 IP / Gauges and Warning Lights — Gauge Cluster

8.12. SECONDARY INSTRUMENT CLUSTER, P. 12

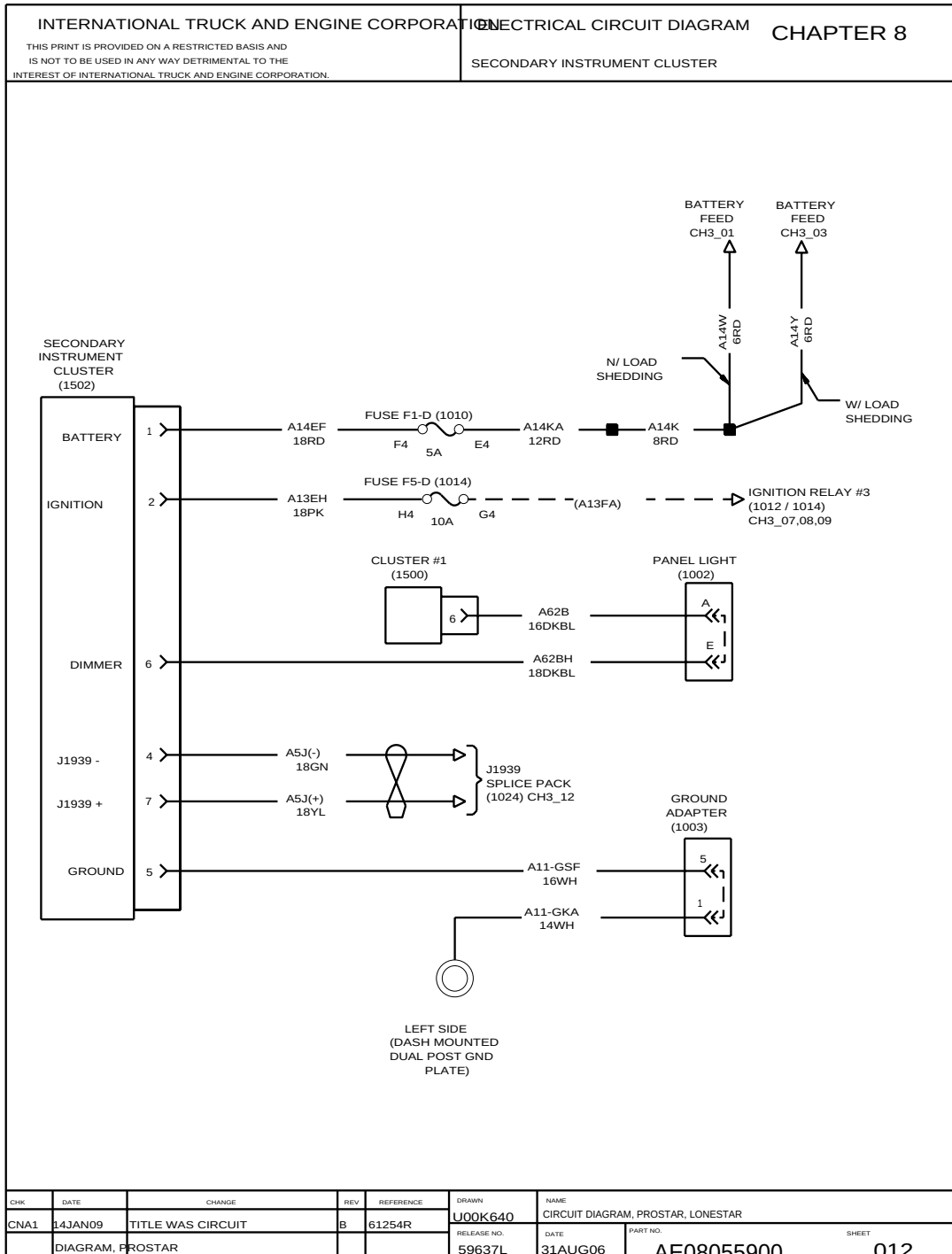
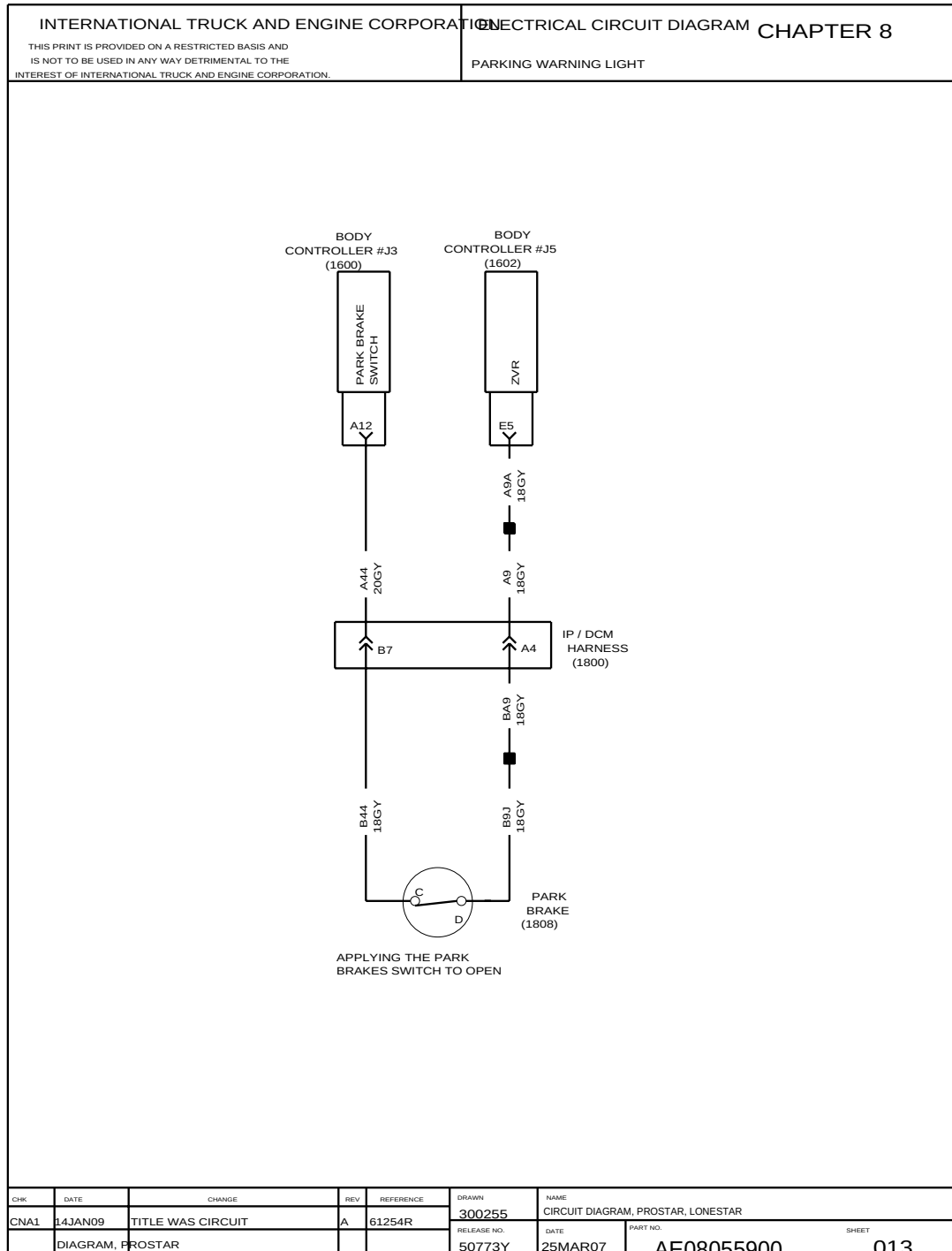


Figure 142 Secondary Instrument Cluster

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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8.13. PARKING WARNING LIGHT, P. 13**Figure 143 Parking Warning Light**

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

8.14. WARNING LIGHTS, P. 14

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ELECTRICAL CIRCUIT DIAGRAM

WARNING LIGHTS

CHAPTER 8

IP WARNING LIGHTS

WARNING LIGHT	REPRESENTATION	COLOR	SIGNAL PATH
RANGE INHIBITED	RANGE INHIBITED	YELLOW	TCM / J1939 / CLUSTER
PROTECT	[ICON]	YELLOW	SAE DIAGNOSTIC LAMP
RETARD OVER HEAT	RETARD OVERHEAT	YELLOW	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER
AMBER WARN (AWL)	[YIELD ICON]	YELLOW	STATUS TRANSMITTED IN J1939 MESSAGE FROM ANY MODULE SAE DIAGNOSTIC LAMP
RED STOP (RSL)	[STOP ICON]	RED	STATUS TRANSMITTED IN J1939 MESSAGE FROM ANY MODULE SAE DIAGNOSTIC LAMP
BRAKE PRESSURE	BRAKE PRESSURE [BRAKE ICON]	RED	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER
PARK BRAKE	PARK [ICON]	RED	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER
EMERGENCY EXIT	EMERG EXIT	RED	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER
LIFT DOOR	LIFT DOOR	YELLOW	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER
TRAILER ABS	ABS [TRAILER ICON]	YELLOW	STATUS TRANSMITTED IN J1939 MESSAGE FROM ABS
WAIT TO START	WAIT TO START	YELLOW	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER
TRACTION CONTROL	TRAC CTRL	YELLOW	STATUS TRANSMITTED IN J1939 MESSAGE FROM ABS
IDLE SHUTDOWN	IDLE SHUTDOWN	YELLOW	STATUS TRANSMITTED IN J1939 MESSAGE FROM ECM
MALEFUNCTION (MIL)	[ICON]	YELLOW	SAE DIAGNOSTIC LAMP
PTO ENGAGED INDICATOR	PTO	YELLOW	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER
SERVICE PARK	SERVICE [ICON]	RED	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER
SEAT BELT	FASTEN BELTS	RED	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER
BRAKE FLUID	BRAKE FLUID [ICON]	RED	BODY CONT / J1939 / CLUSTER
RED FLASHER	RED FLASHER	RED	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER
AMBER FLASHER	AMBER FLASHER	YELLOW	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER
ANTILOCK BRAKING SYSTEM	[ABS ICON]	YELLOW	STATUS TRANSMITTED IN J1939 MESSAGE FROM ABS
ECONOMY MODE	ECON	YELLOW	STATUS TRANSMITTED IN J1939 MESSAGE FROM TCM
LEFT TURN	[ARROW ICON]	GREEN	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER
HIGH BEAM	[ICON]	BLUE	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER
RIGHT TURN	[ARROW ICON]	GREEN	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	TITLE WAS CIRCUIT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					RELEASE NO.	DATE
		DIAGRAM, PROSTAR			60773Y	30APR06
						PART NO.
						AE08055900
						SHEET
						014

Figure 144 Warning Lights

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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**8.15. IP TEXT MESSAGES AND WARNING LIGHTS — CONTROLLED BY ENGINE,
TRANSMISSION AND ABS CONTROLLER, P. 15**

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 8			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				IP TEXT MESSAGES & WARNING LIGHTS - CONTROLLED BY ENGINE , TRANSMISSION AND ABS CONTROLLER			
IP TEXT MESSAGES : LOAD SHEDDING WASHER FLUID LOW ELECTRICAL FAULT CHECK A / C AIR FILTER RESTRICTION EXTERIOR LAMP CHECK ACTIVE HVAC TEMP SETTING ACTIVATE HVAC FRONT BLOWER HVAC SLEEPER BLOWER SPEED AIR PRESSURE DIAGNOSTIC CRUISE FUEL FILTER THE FOLLOWING WARNING LIGHTS ARE CONTROLLED BY THE ENGINE, TRANSMISSION, OR ABS CONTROLLER OVER THE DATA BUS AND DO NOT HAVE INDEPENDENT CIRCUITRY THAT CAN BE OR NEEDS TO BE SHOWN: RANGE INHIBITED ECONOMY MODE TRAC CTRL TRAILER ABS ABS							
CHR	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	14JAN09	TITLE WAS CIRCUIT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR	
	DIAGRAM, PROSTAR				RELEASE NO. 60773Y	DATE 30APR06	PART NO. AE08055900 SHEET 015

Figure 145 IP Text Messages and Warning Lights — Controlled by Engine, Transmission and ABS Controller

8.16. DIFFERENTIAL LOCK AND OPTIONAL INDICATOR, P. 16

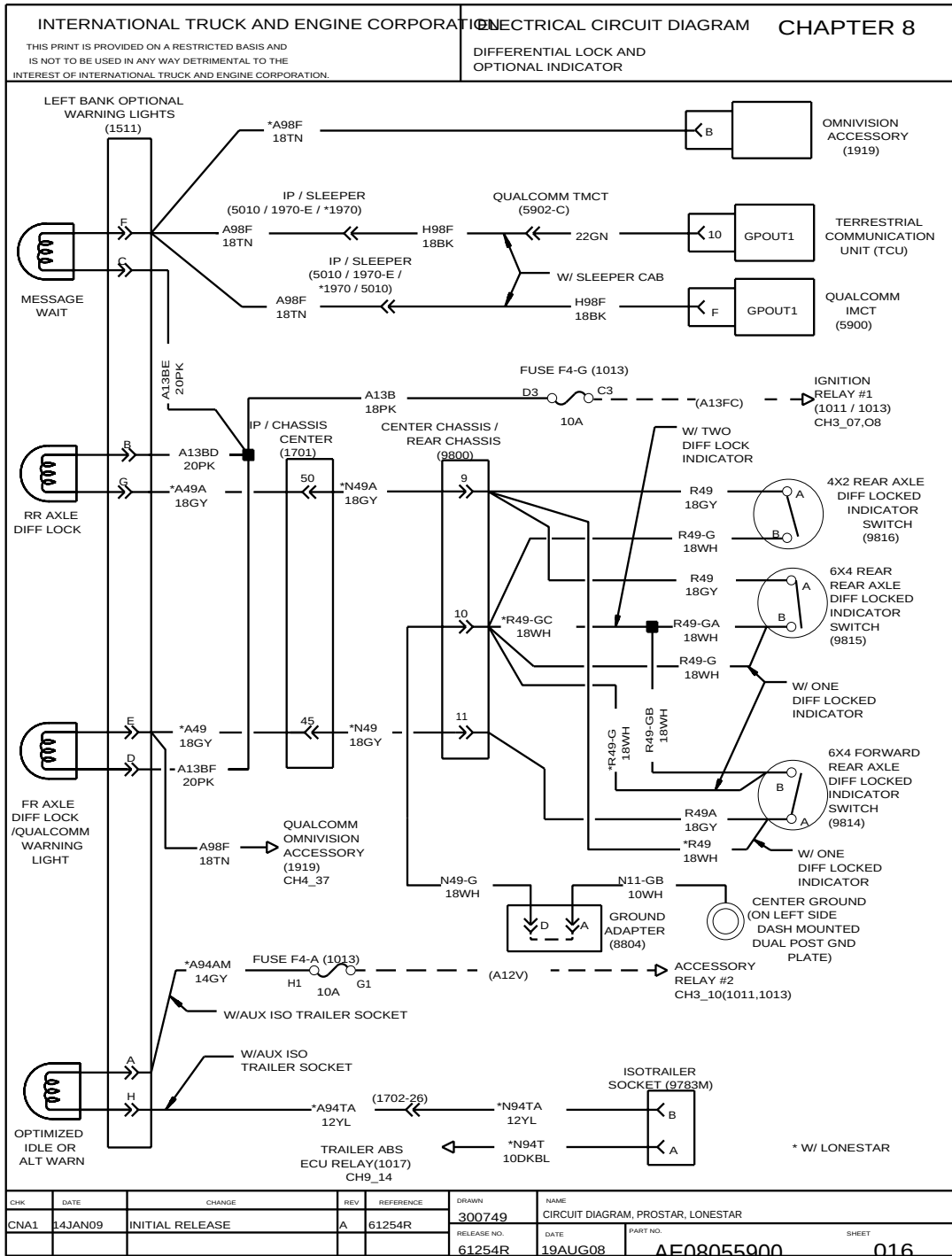


Figure 146 Differential Lock and Optional Indicator

9. LIGHTING SYSTEM (CHAPTER 9)

9.1. LIGHTS — STOP, TAIL, TURN AND BACK-UP N/FREEDOMLINE, P. 1

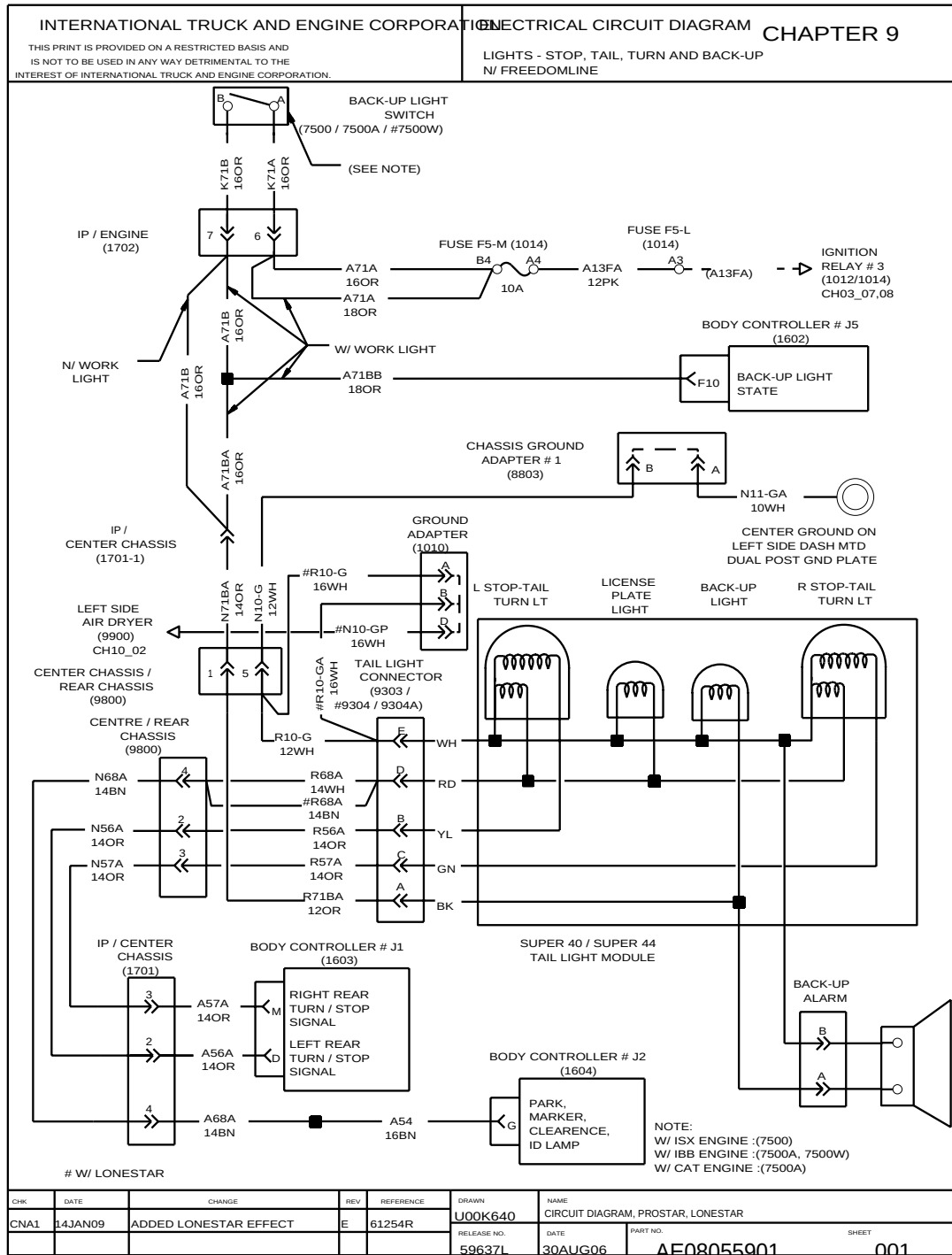


Figure 147 Lights — Stop, Tail, Turn and Back-Up N/Freedomline

9.2. LIGHTS — STOP, TAIL, TURN AND BACK-UP N/FREEDOMLINE, P. 1A

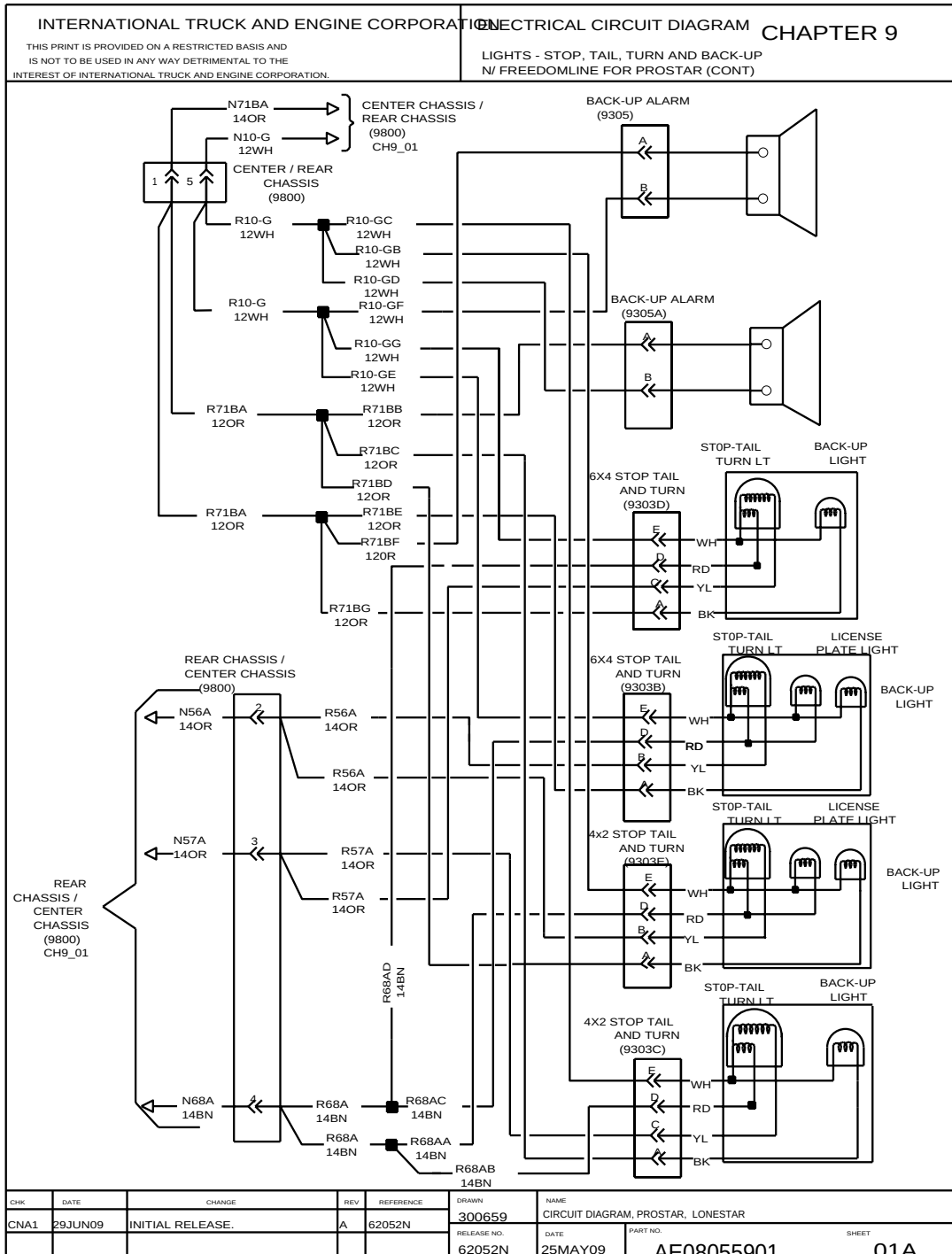


Figure 148 Lights — Stop, Tail, Turn and Back-Up N/Freedomline

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.3. LIGHTS — STOP, TAIL, TURN AND BACK-UP W/FREEDOMLINE, P. 2

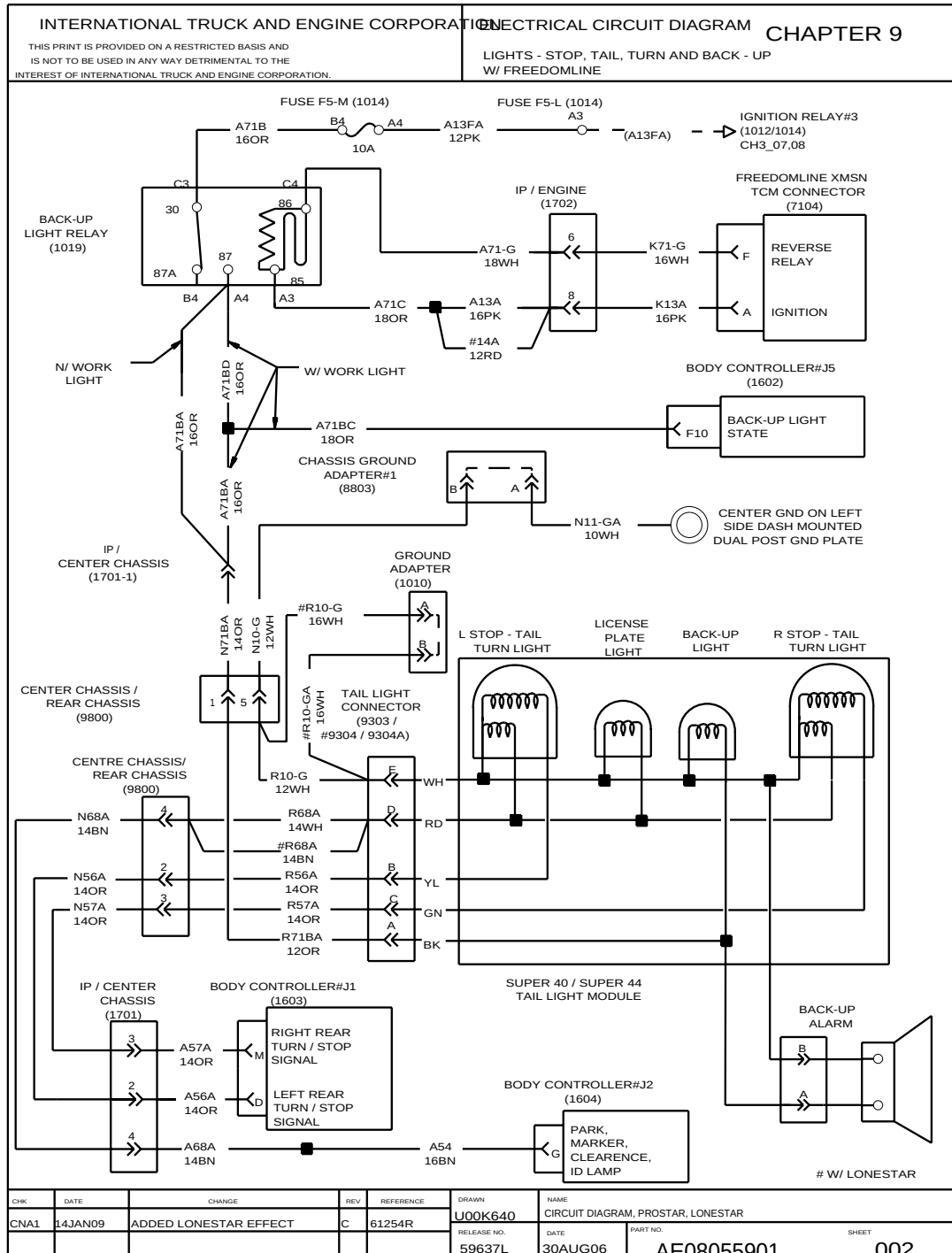


Figure 149 Lights — Stop, Tail, Turn and Back-Up W/Freedomline

9.4. LIGHTS — STOP, TAIL, TURN AND BACK-UP W/FREEDOMLINE, P. 2A

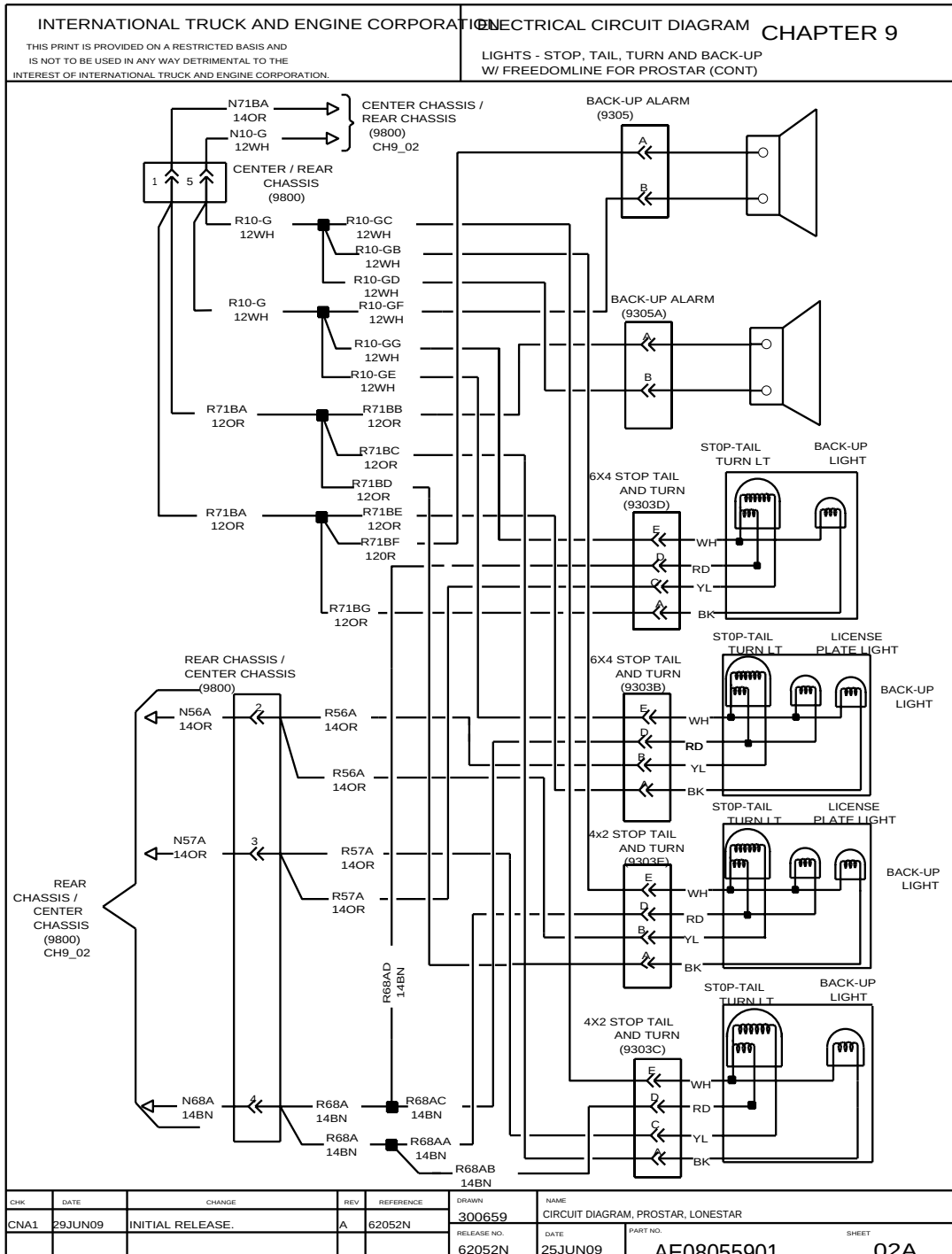


Figure 150 Lights — Stop, Tail, Turn and Back-Up W/Freedomline

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.5. DOME/MAP AND COURTESY LIGHTS — DAY CAB, P. 3

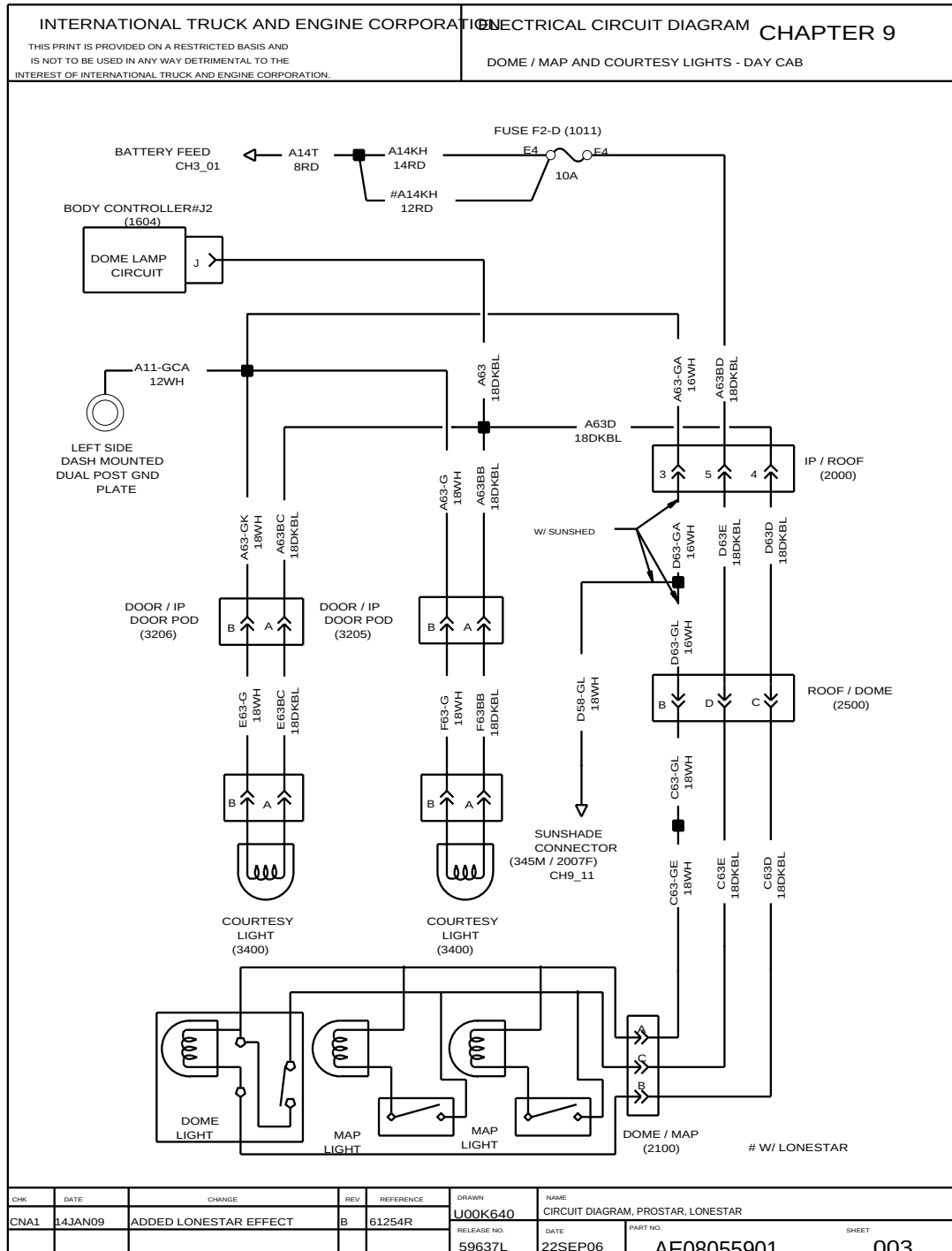


Figure 151 Dome/Map and Courtesy Lights — Day Cab

9.6. DOME/MAP AND COURTESY LIGHTS — SLEEPER, P. 4

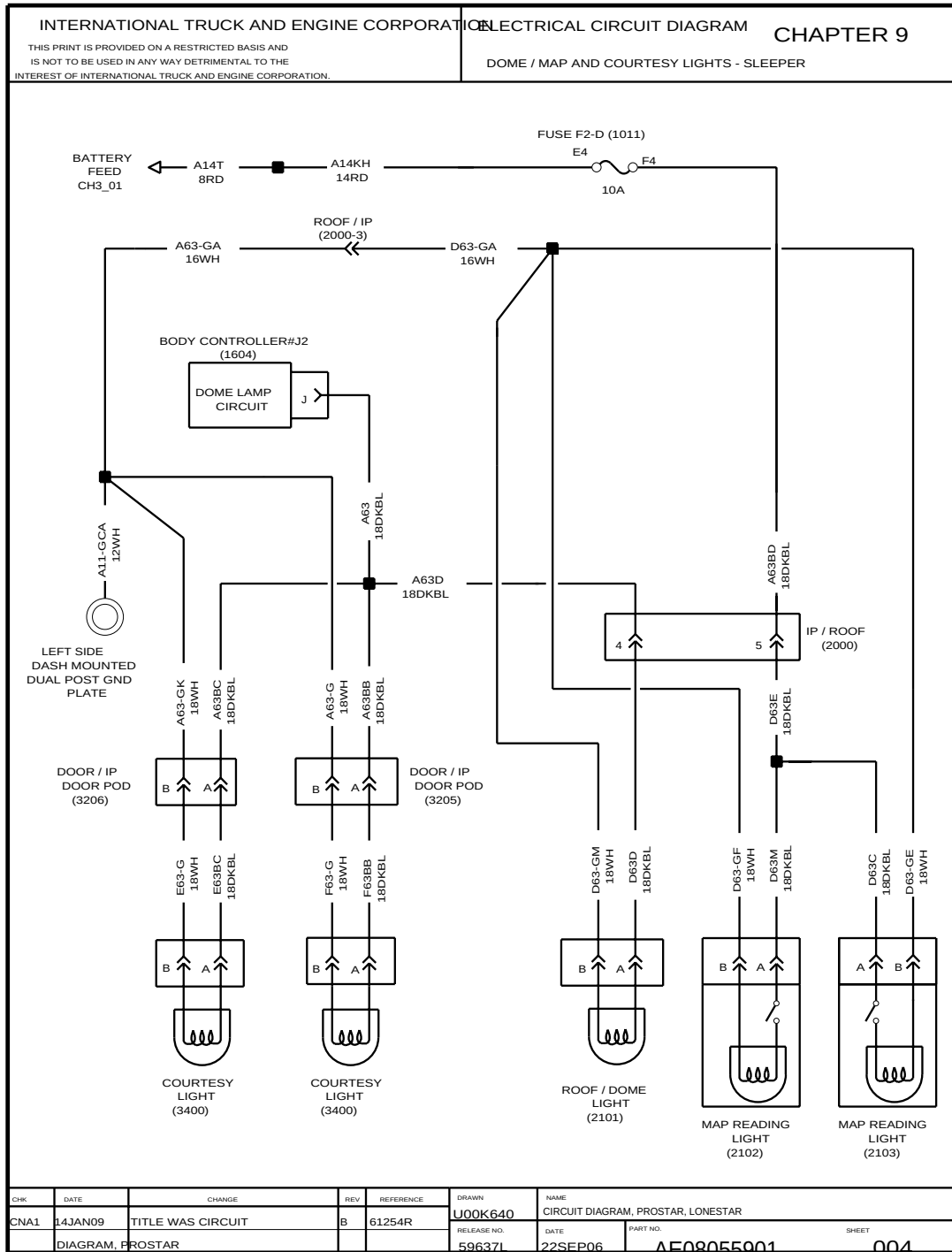


Figure 152 Dome/Map and Courtesy Lights — Sleeper

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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9.7. FOG LIGHTS AND SPOT LIGHT, P. 5

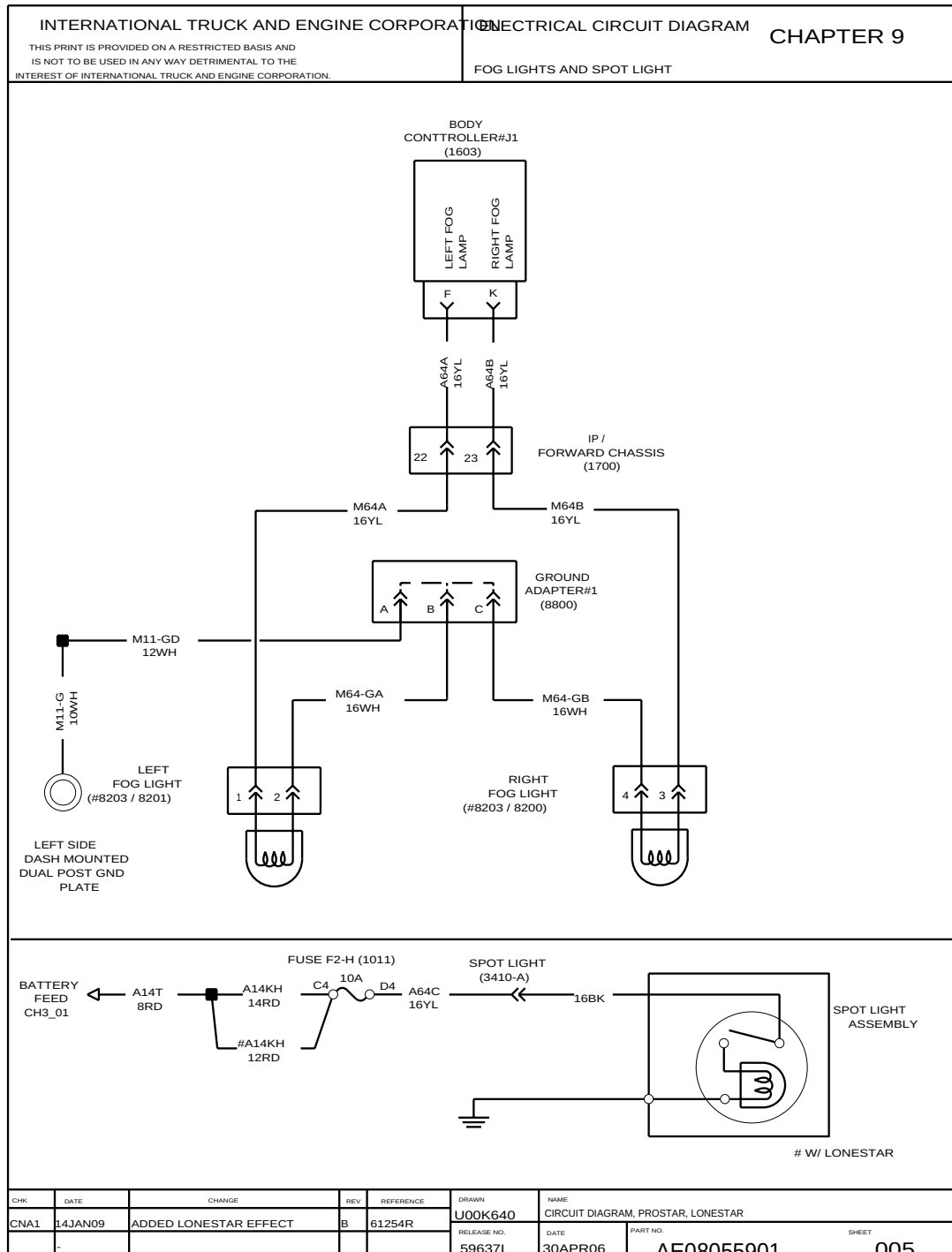


Figure 153 Fog Lights and Spot Light

9.8. HEADLIGHTS, P. 6

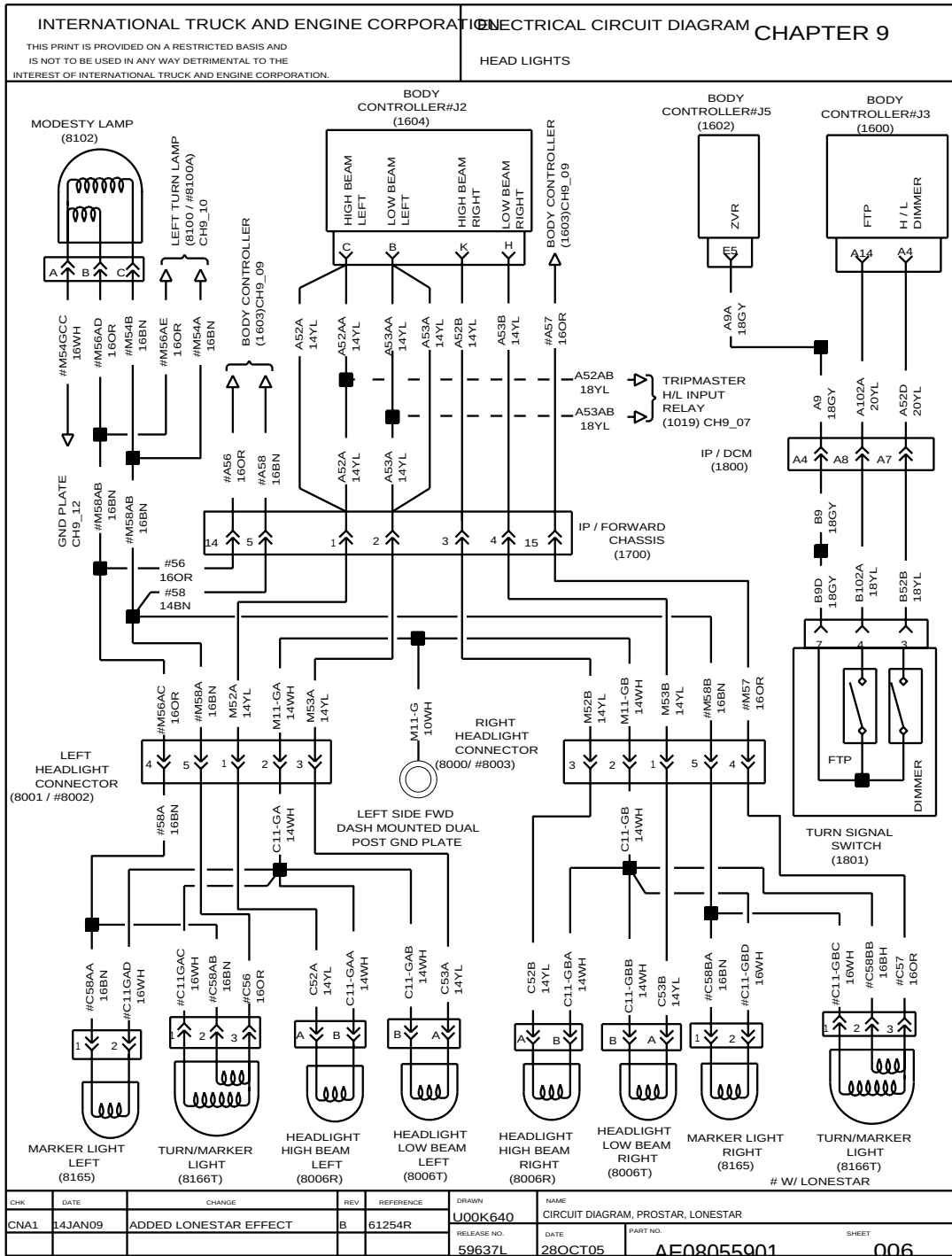


Figure 154 Headlights

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.9. TRIPMASTER, P. 7

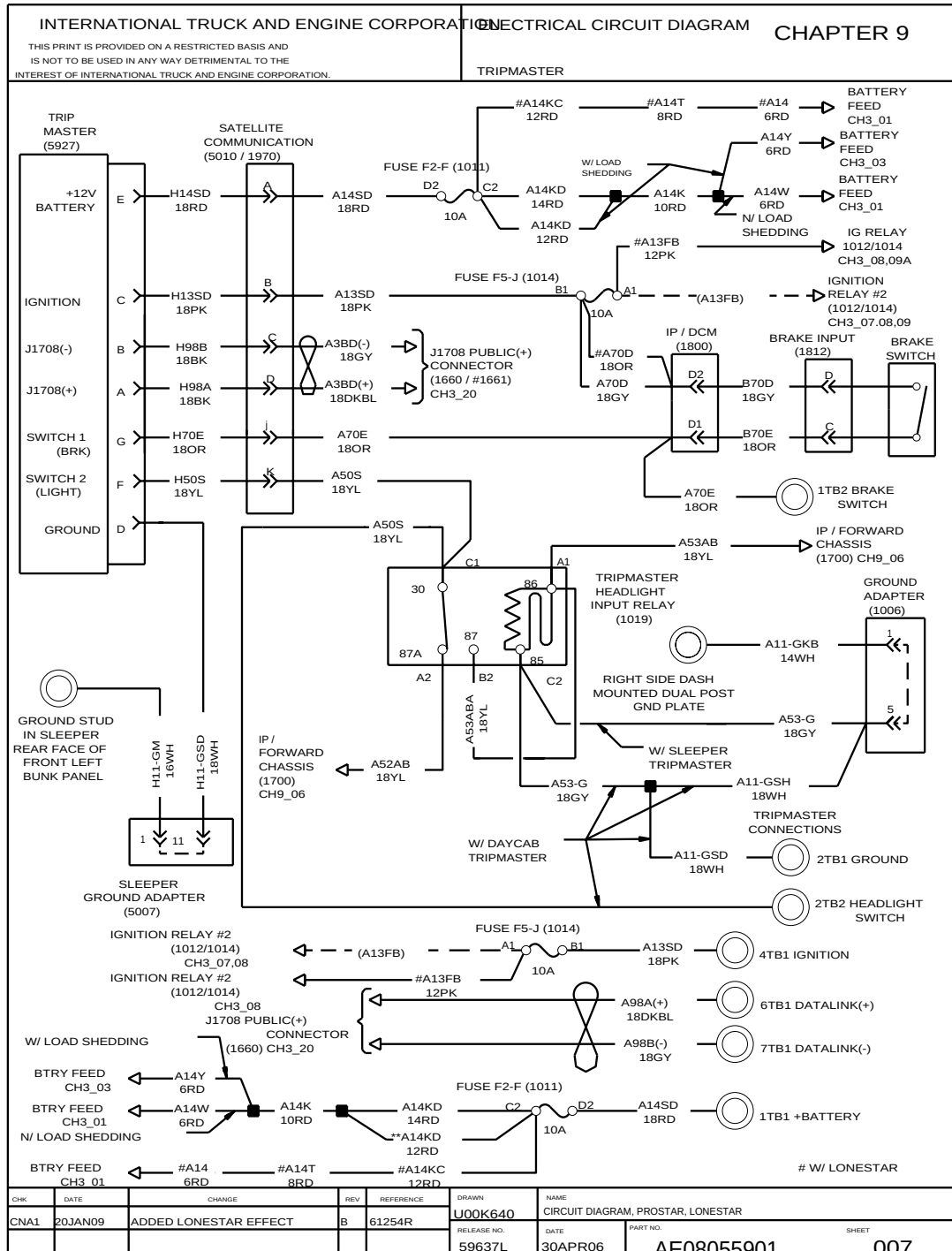


Figure 155 Tripmaster

9.10. TURN AND STOP SWITCH, P. 8

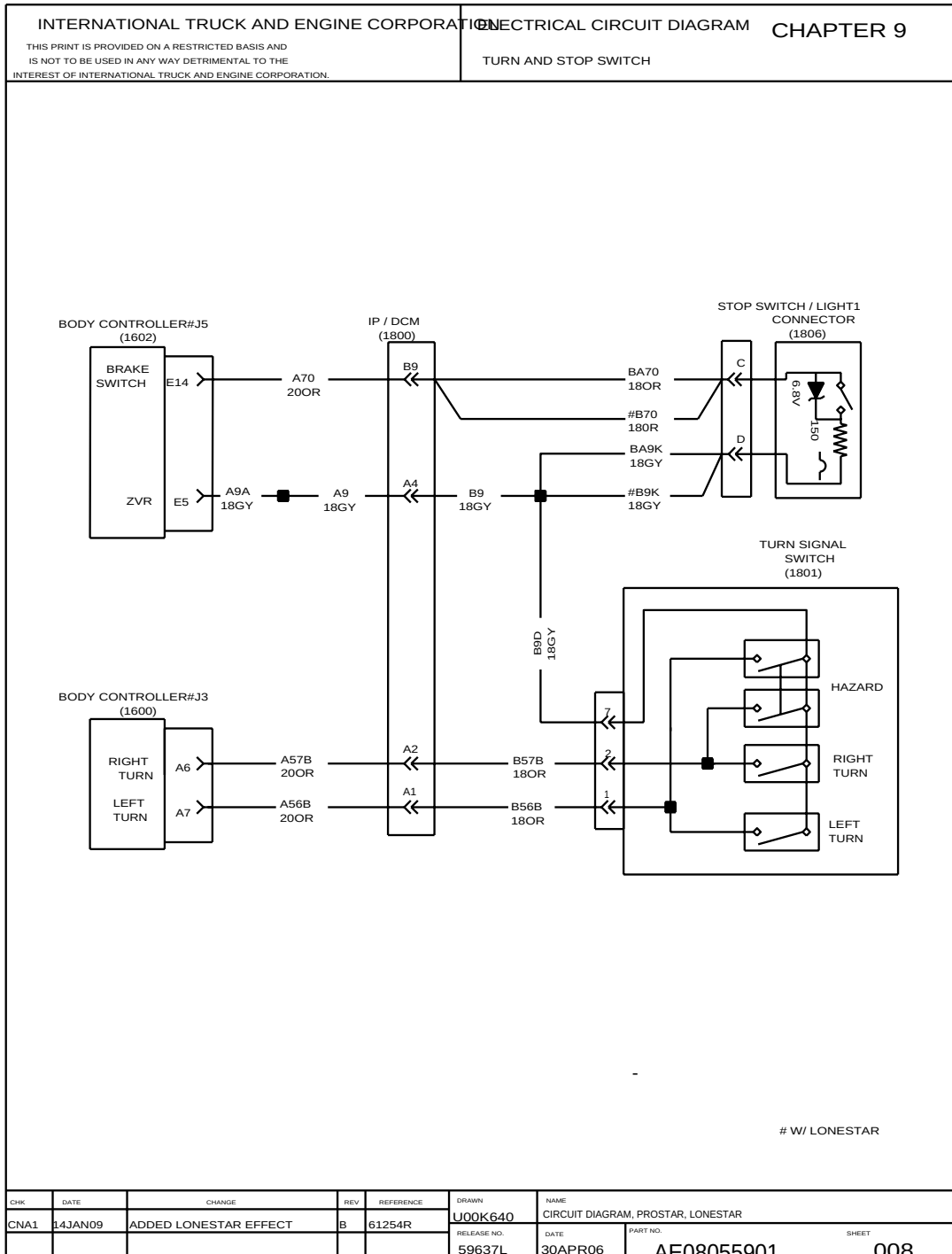


Figure 156 Turn and Stop Switch

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.11. LIGHT SYSTEM — PARK, MARKER, CLEARANCE, ID, TURN, STOP, TAIL, P. 9

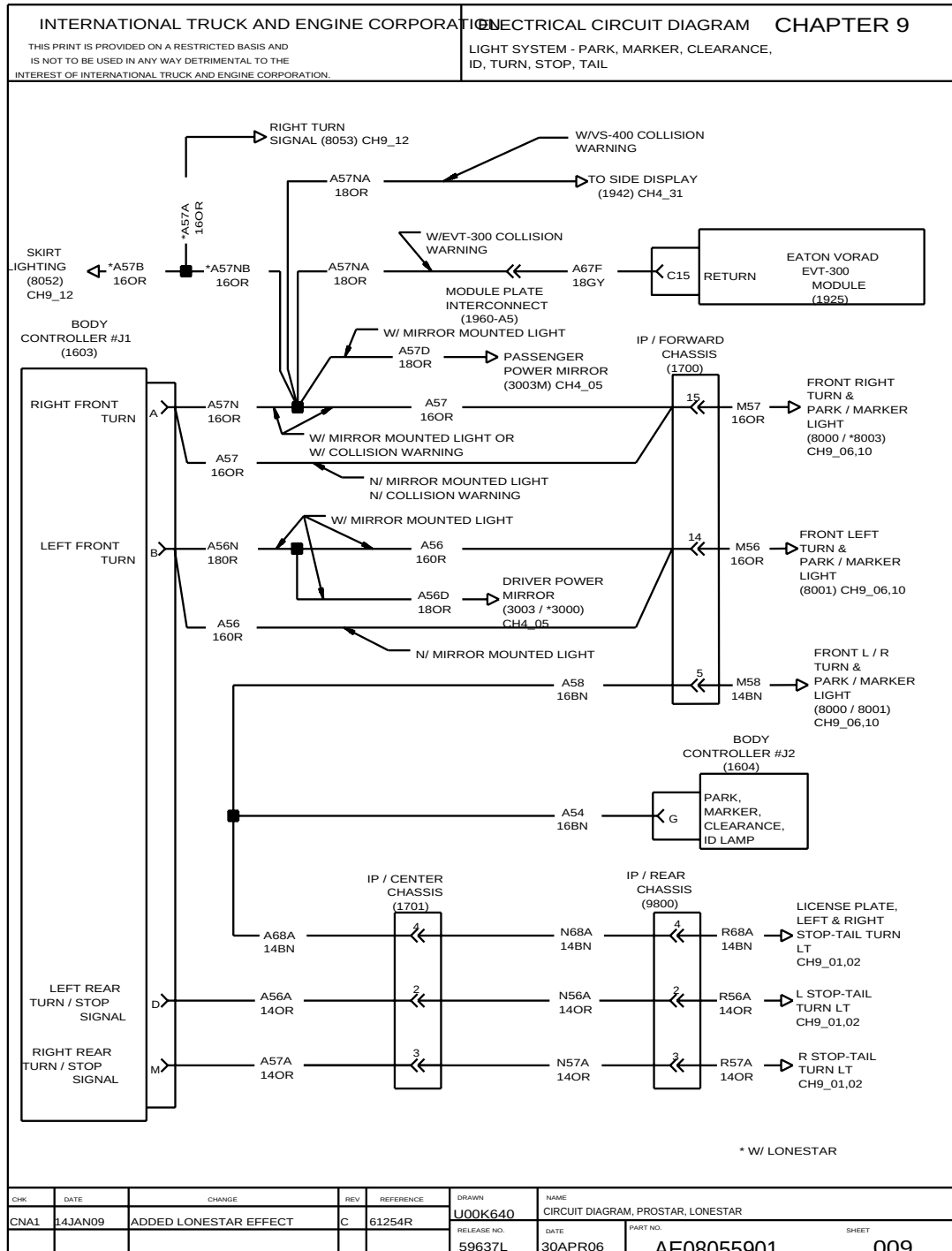


Figure 157 Light System — Park, Marker, Clearance, ID, Turn, Stop, Tail

9.12. LIGHT SYSTEM — PARK, MARKER, FRONT TURN AND MODESTY PANEL LIGHT, P. 10

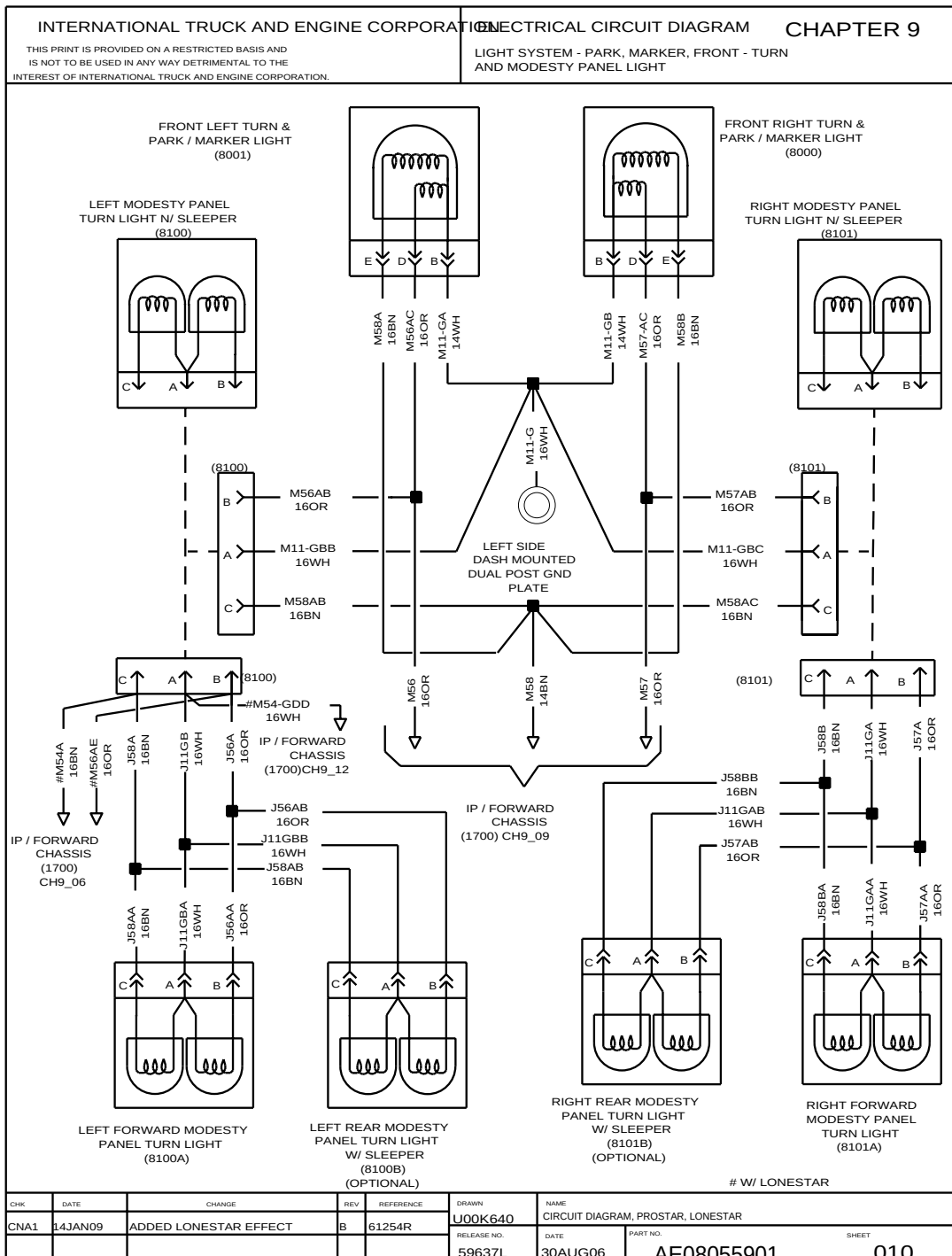


Figure 158 Light System — Park, Marker, Front Turn and Modesty Panel Light

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.13. LIGHT SYSTEM — CLEARANCE, ID, P. 11

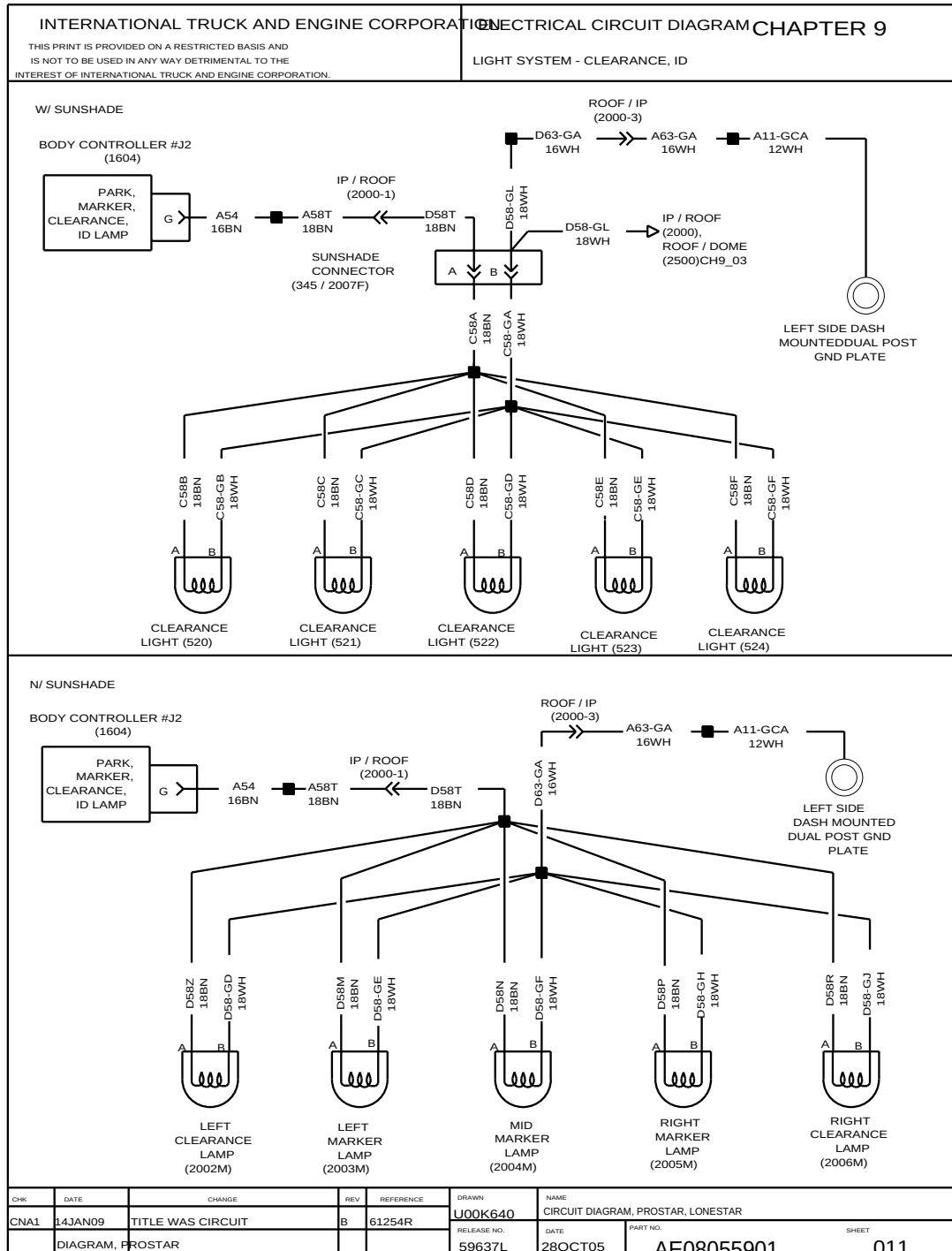


Figure 159 Light System — Clearance, ID

9.14. LIGHT SYSTEM — SKIRT LIGHT, P. 12

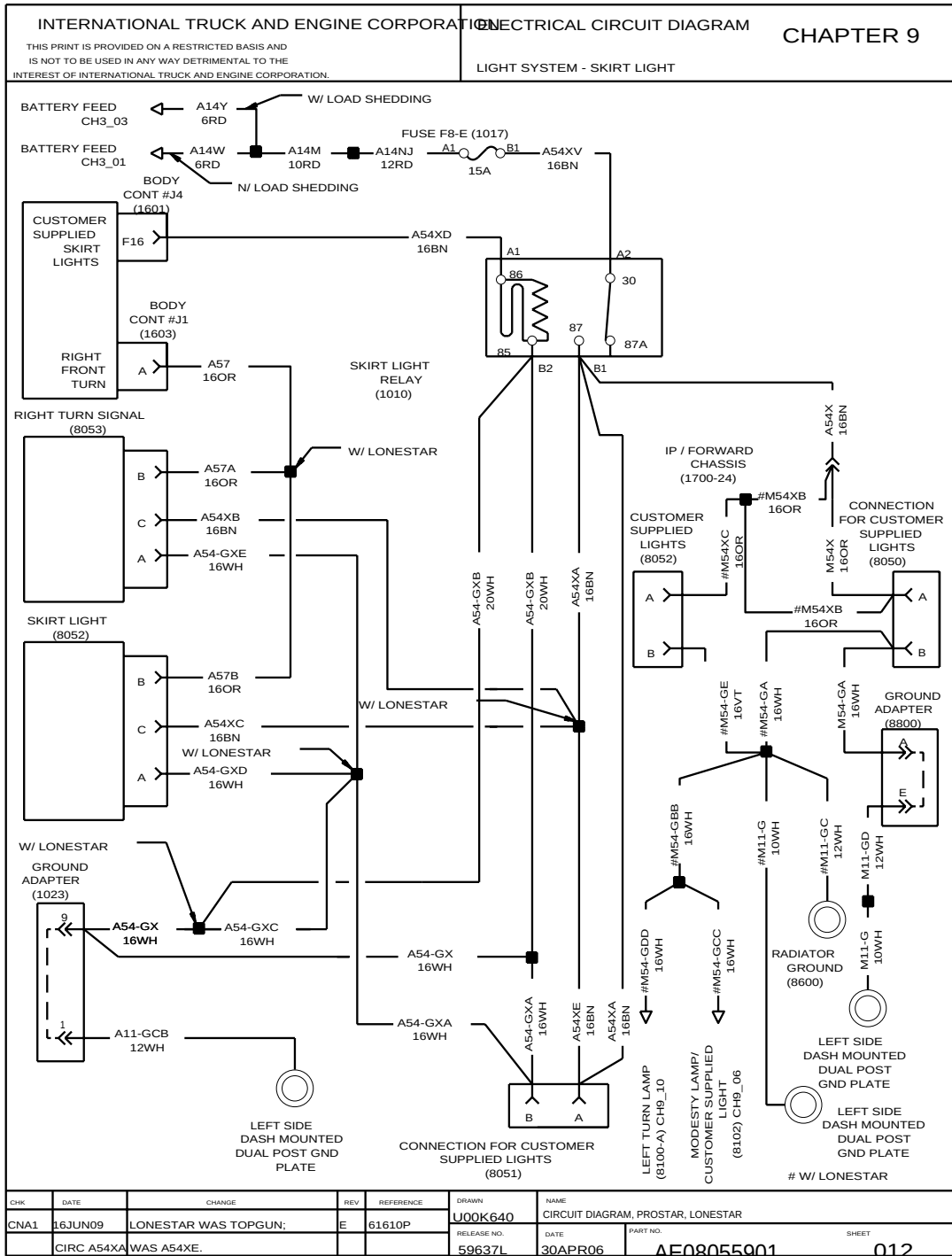


Figure 160 Light System — Skirt Light

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.15. TRAILER LIGHT SYSTEM — MARKER, STOP, TAIL, TURN, P. 13

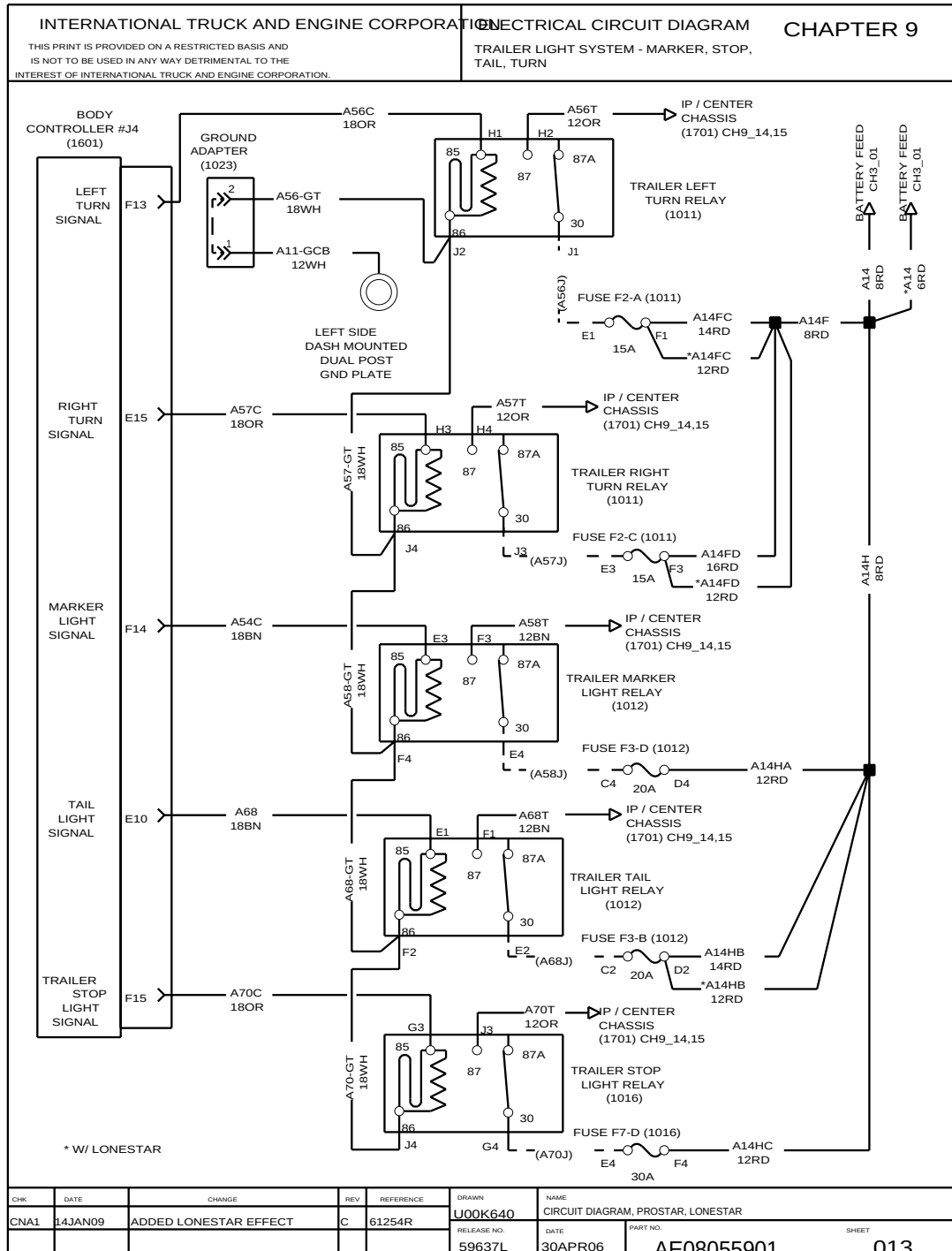


Figure 161 Trailer Light System — Marker, Stop, Tail, Turn

9.16. TRAILER SOCKET — BOC, P. 14

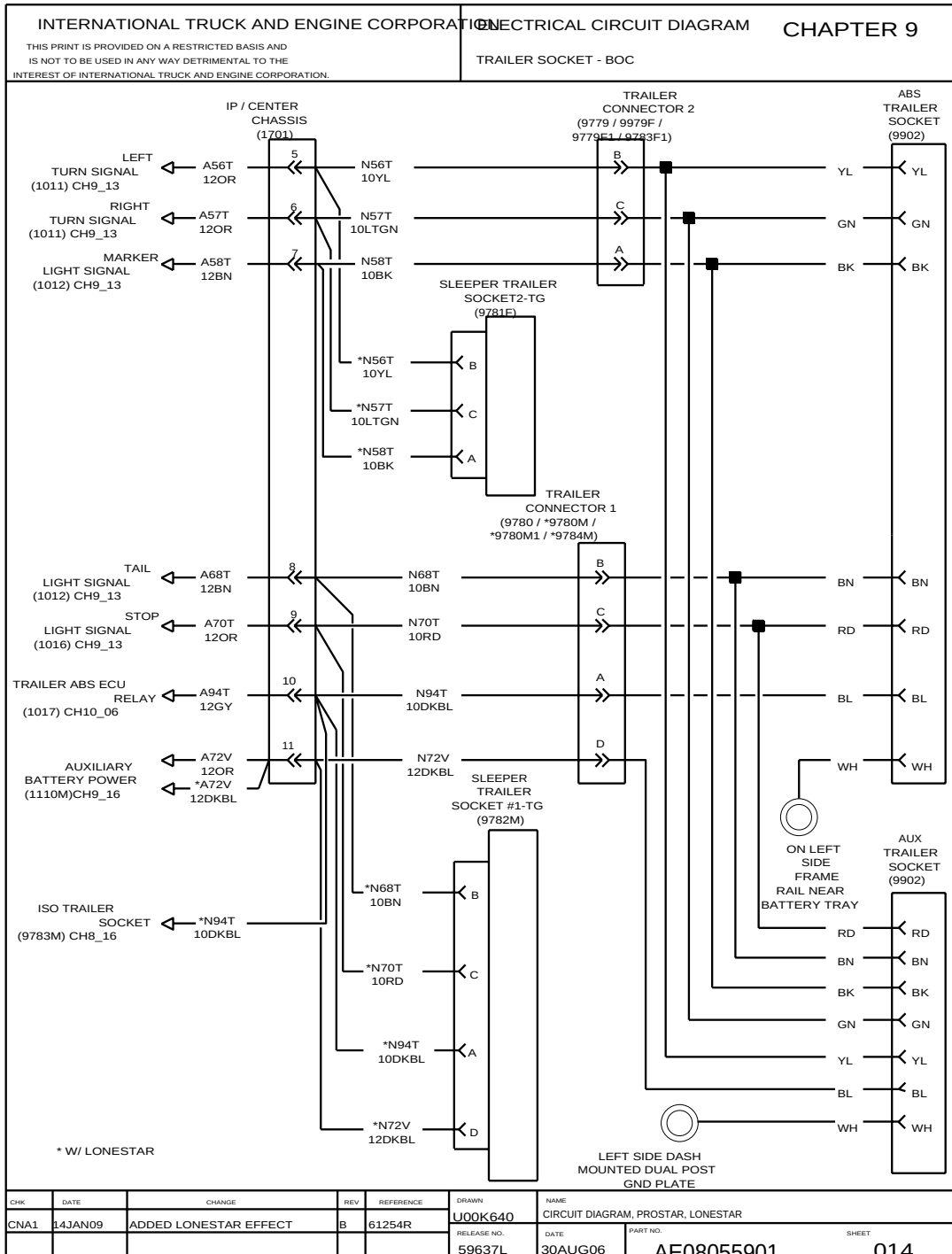


Figure 162 Trailer Socket — BOC

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.17. TRAILER SOCKET — BOC AND EOF, P. 15

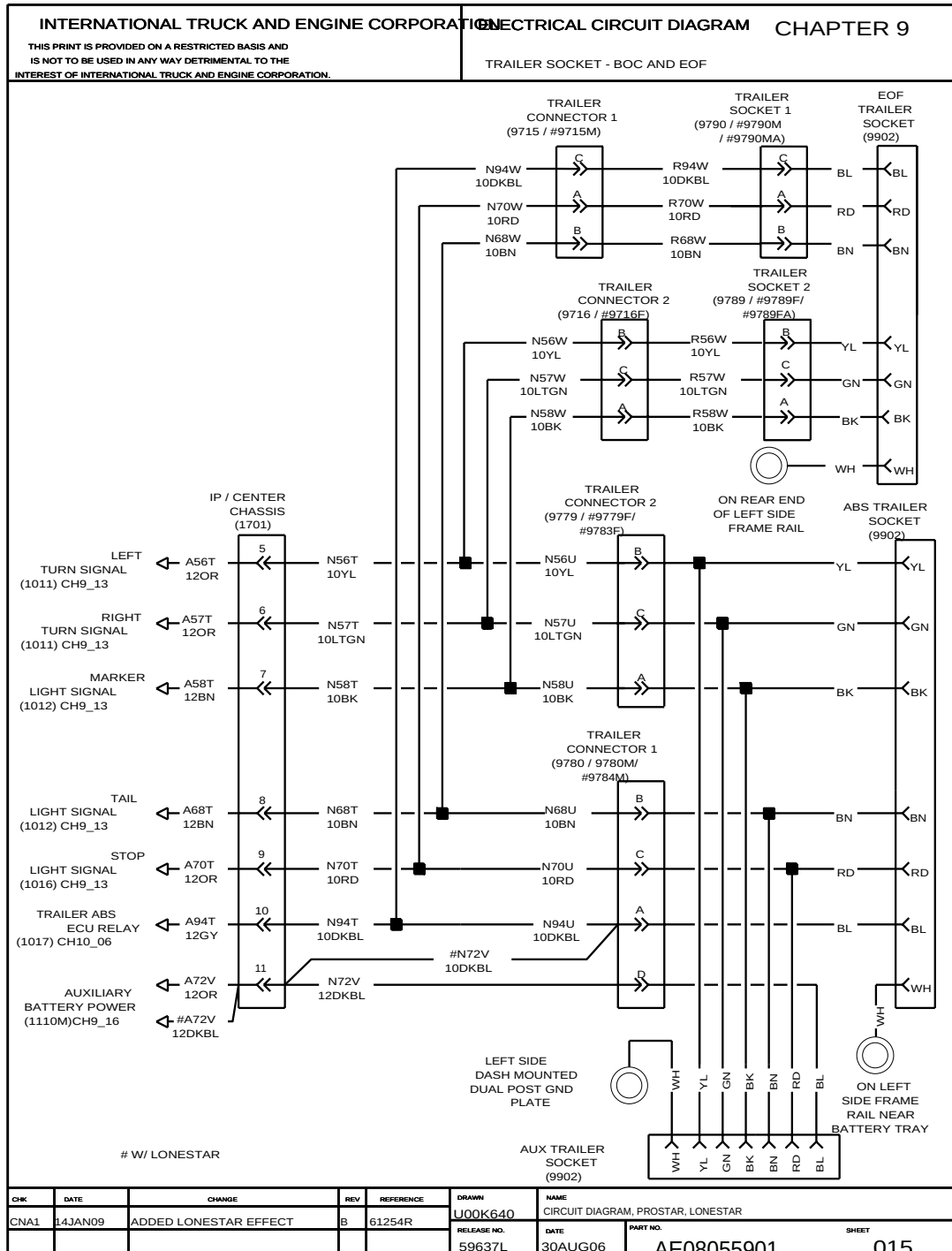


Figure 163 Trailer Socket — BOC and EOF

9.18. TRAILER SOCKET — AUXILIARY, P. 16

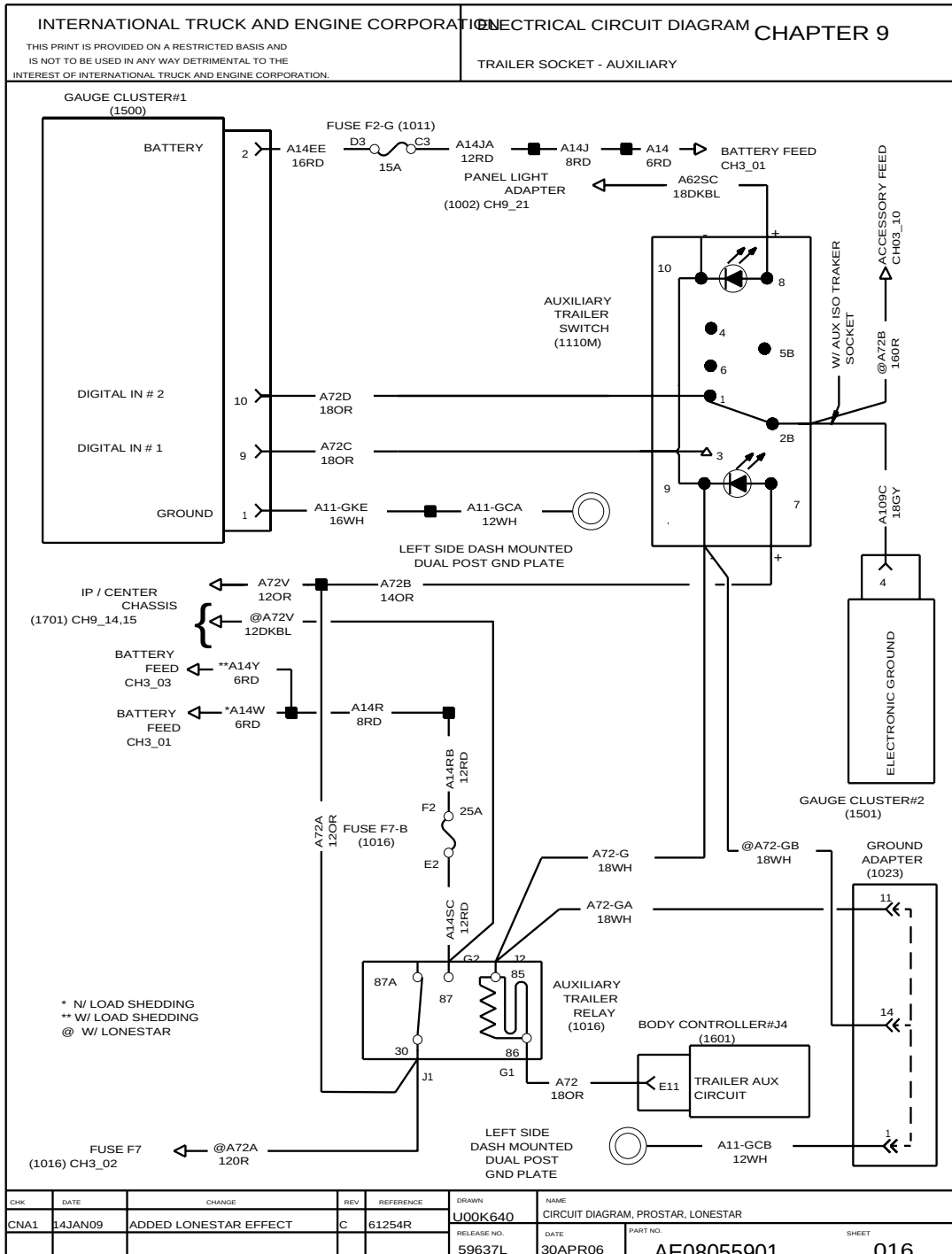


Figure 164 Trailer Socket — Auxiliary

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.19. FLOOR LIGHT, P. 17

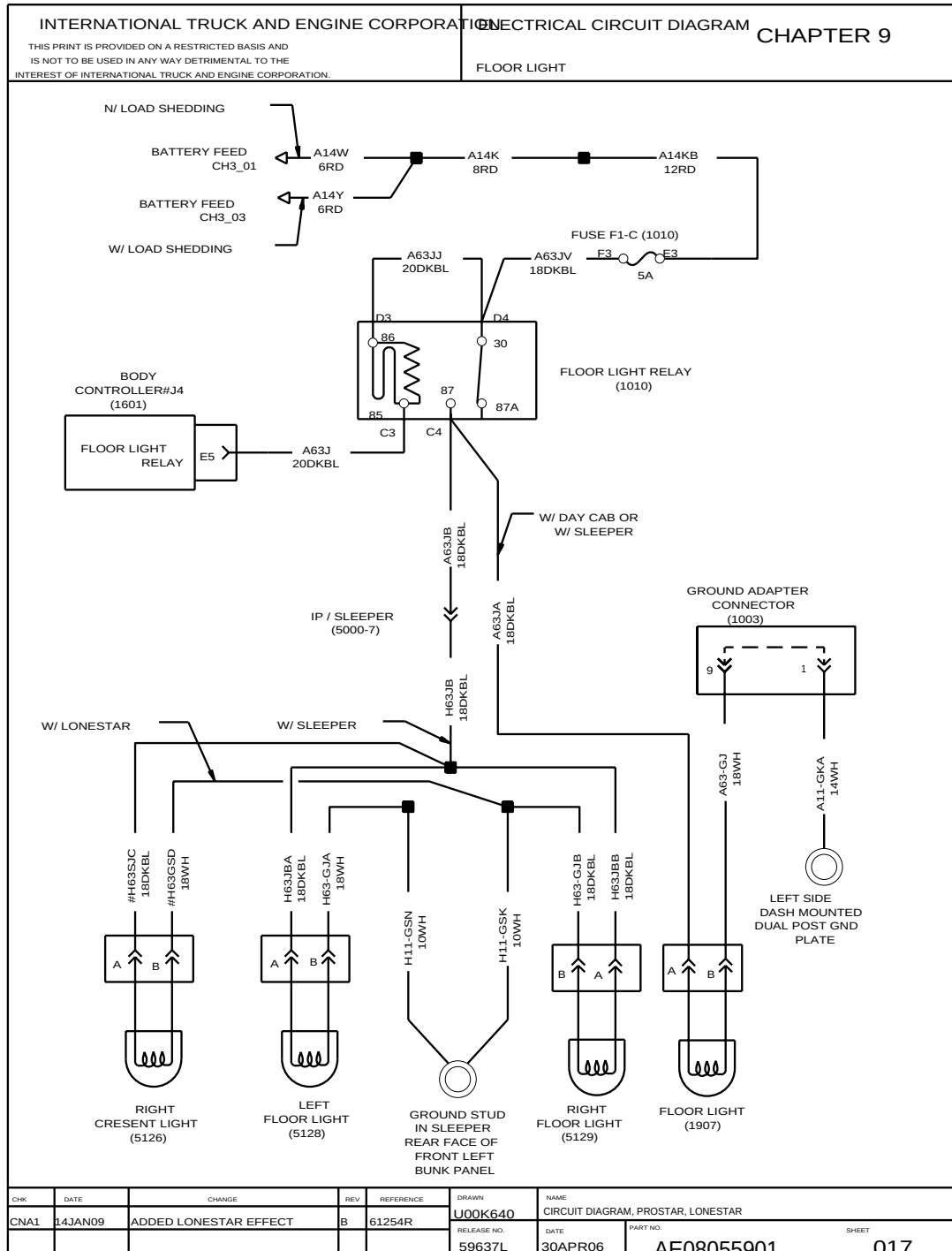


Figure 165 Floor Light

9.20. DOME AND ACCENT LIGHT — SLEEPER, P. 18

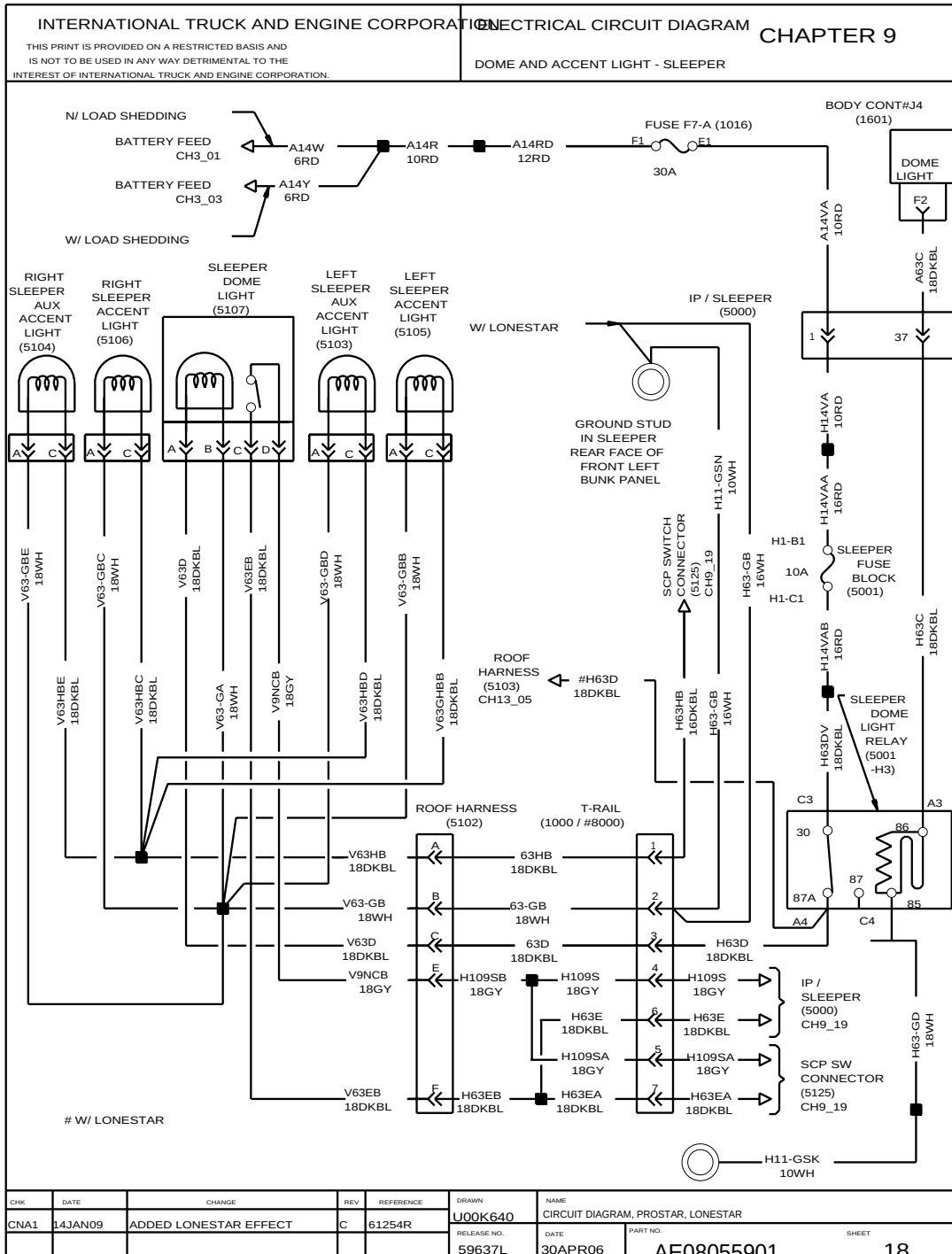


Figure 166 Dome and Accent Light — Sleeper

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.21. DOME AND ACCENT LIGHT — SLEEPER, P. 19

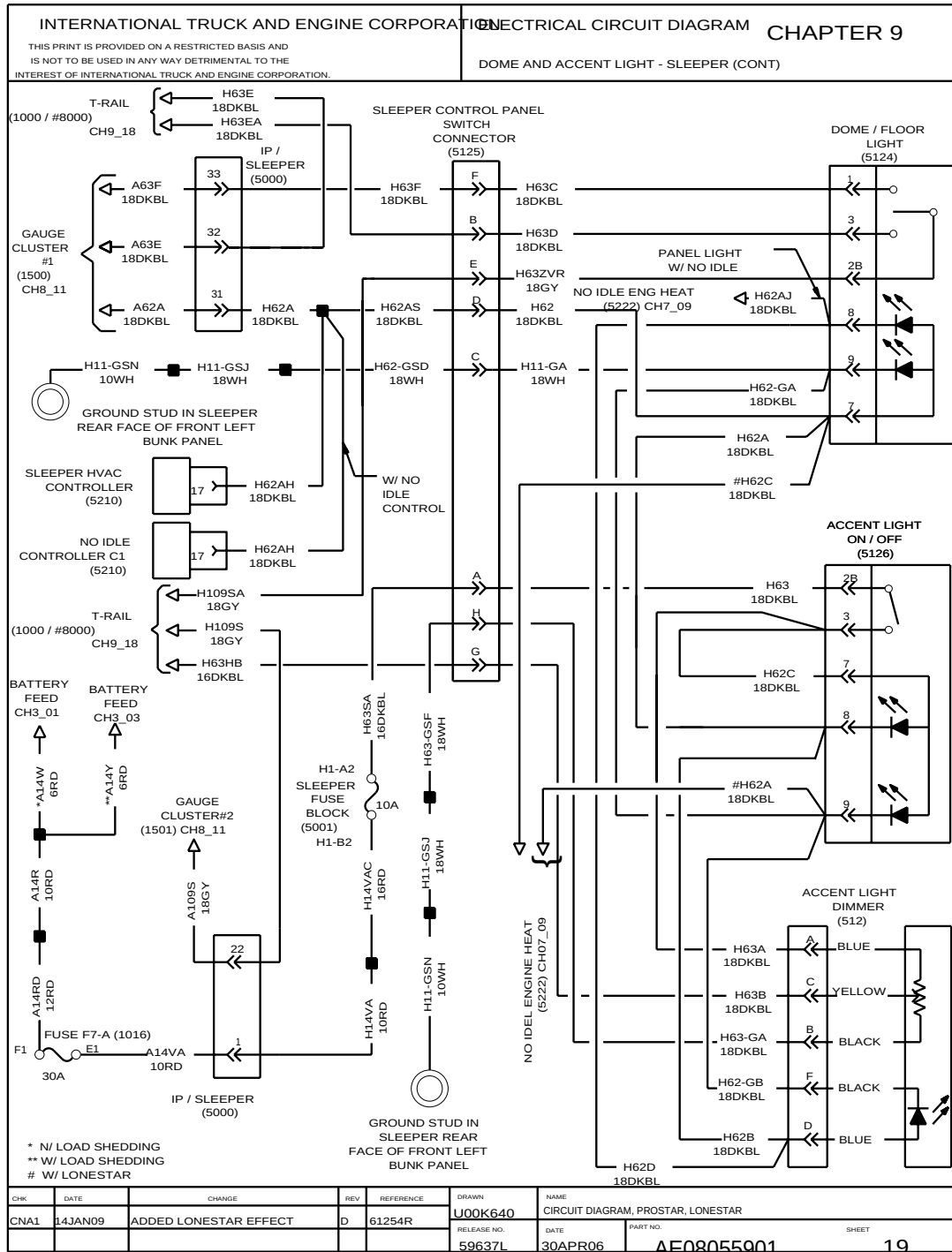


Figure 167 Dome and Accent Light — Sleeper

9.22. LIGHTED AIR SHIELD, P. 20

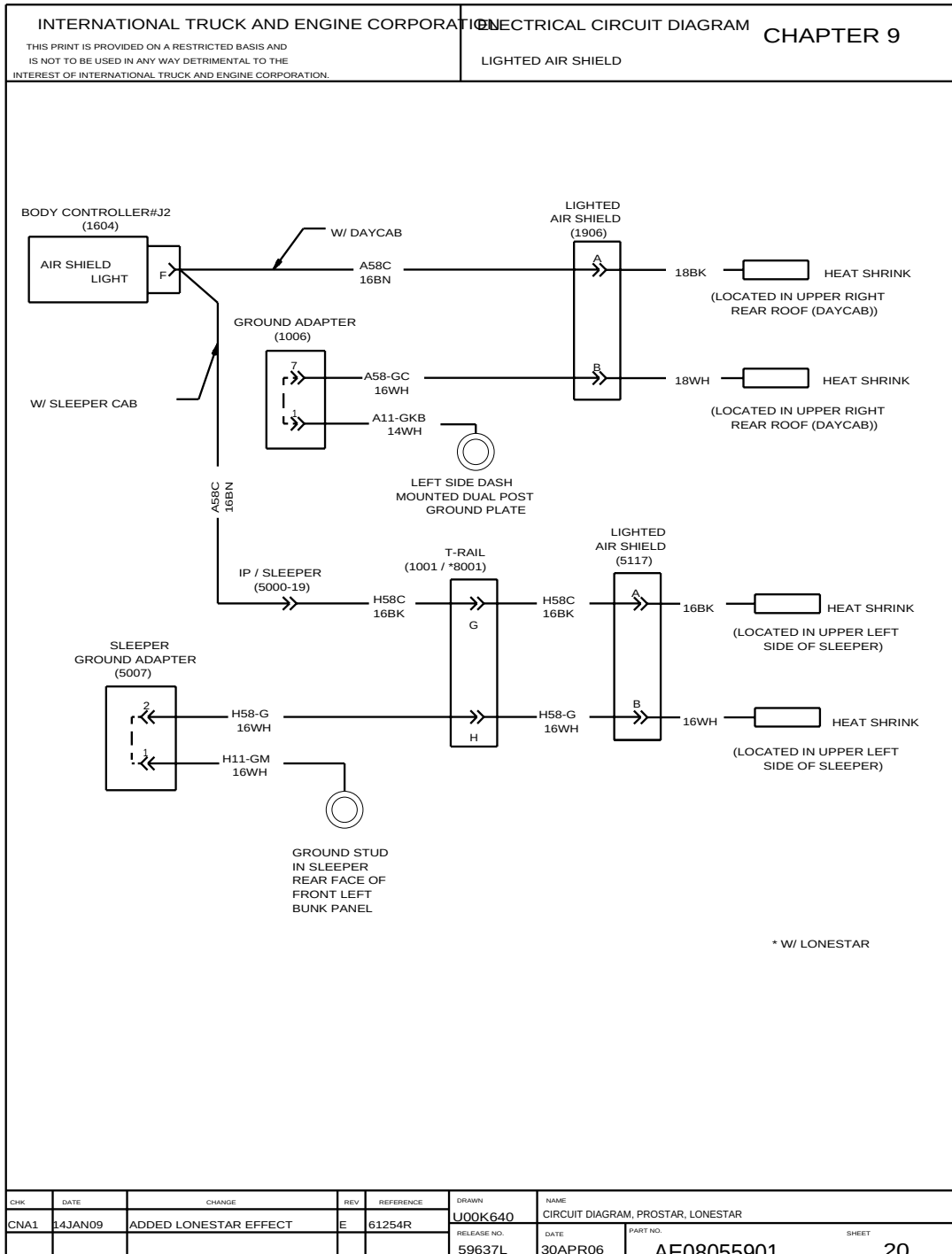


Figure 168 Lighted Air Shield

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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9.23. PANEL LIGHTS, P. 21

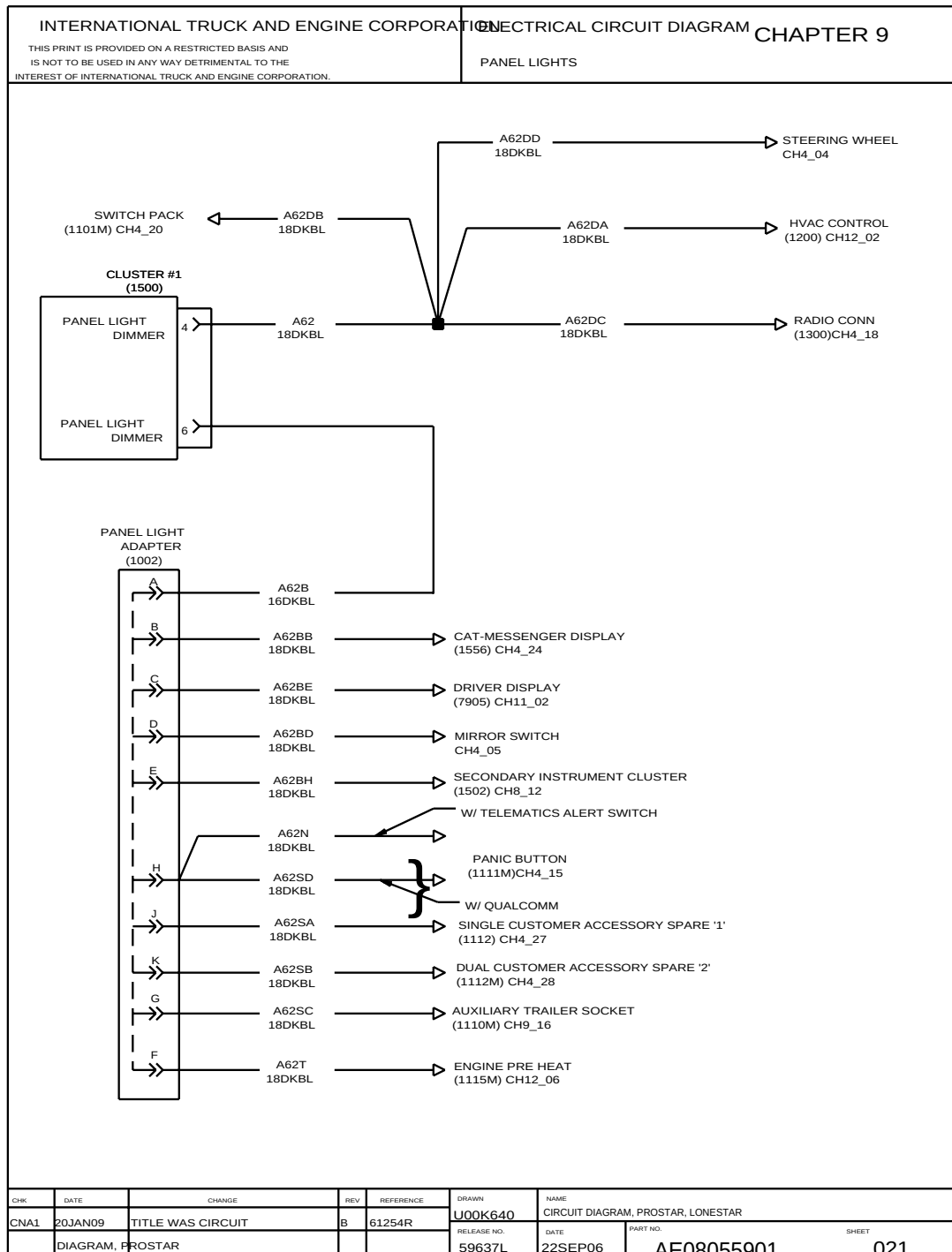


Figure 169 Panel Lights

9.24. WORK LIGHTS — DAY CAB, P. 22

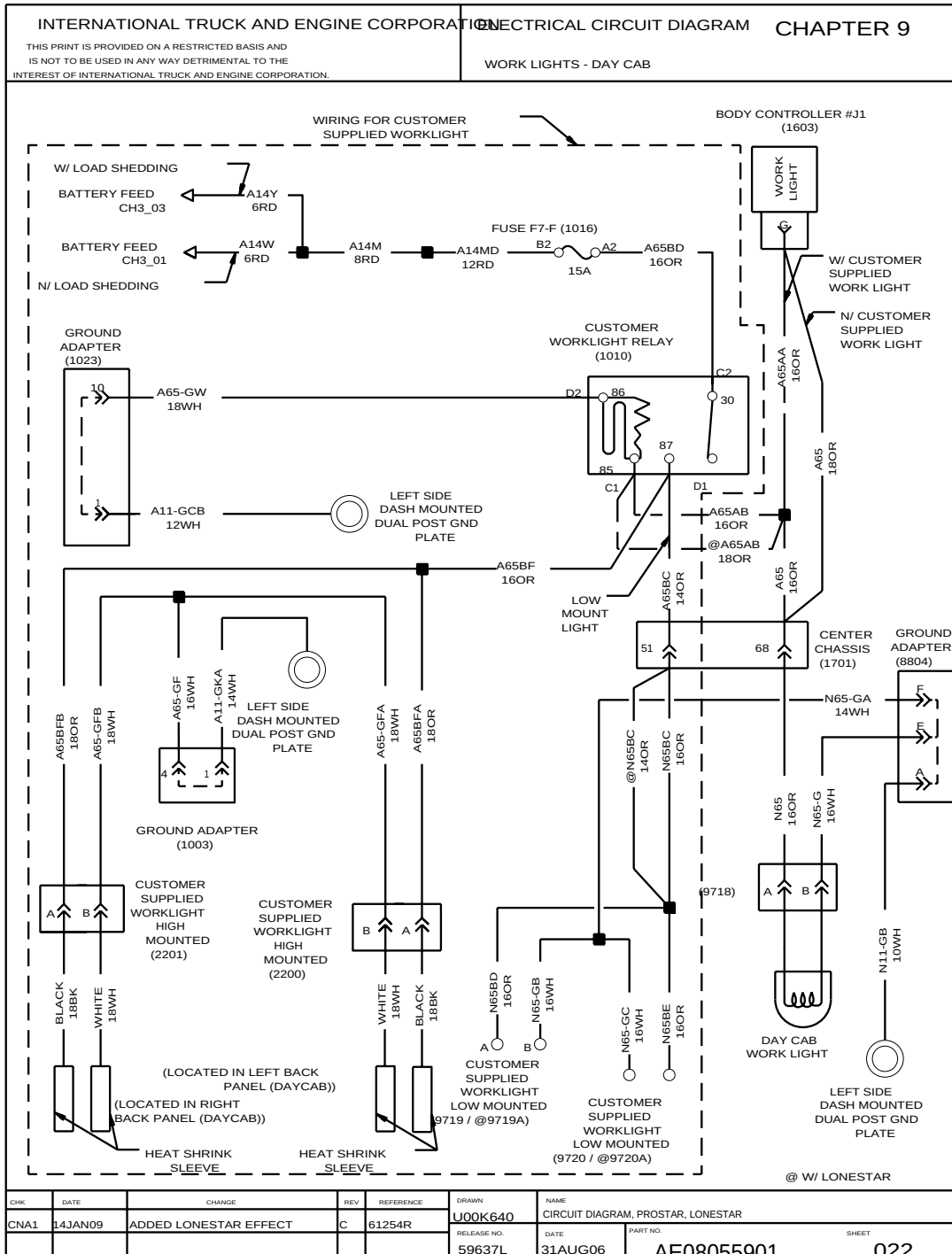


Figure 170 Work Lights — Day Cab

9.25. WORK LIGHTS — SLEEPER CAB, P. 23

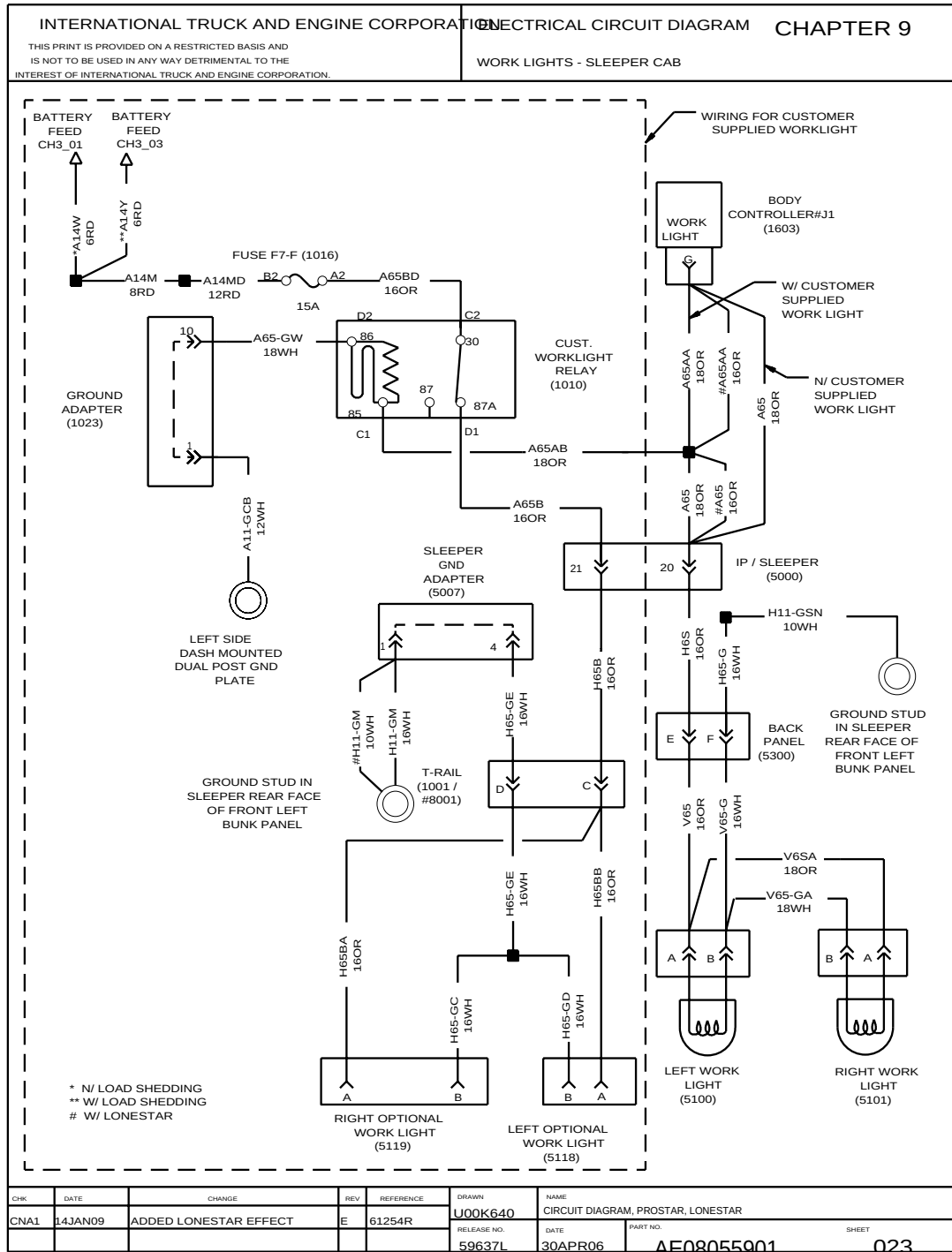


Figure 171 Work Lights — Sleeper Cab

9.26. DOME AND ACCENT LIGHTS — SLEEPER, P. 24

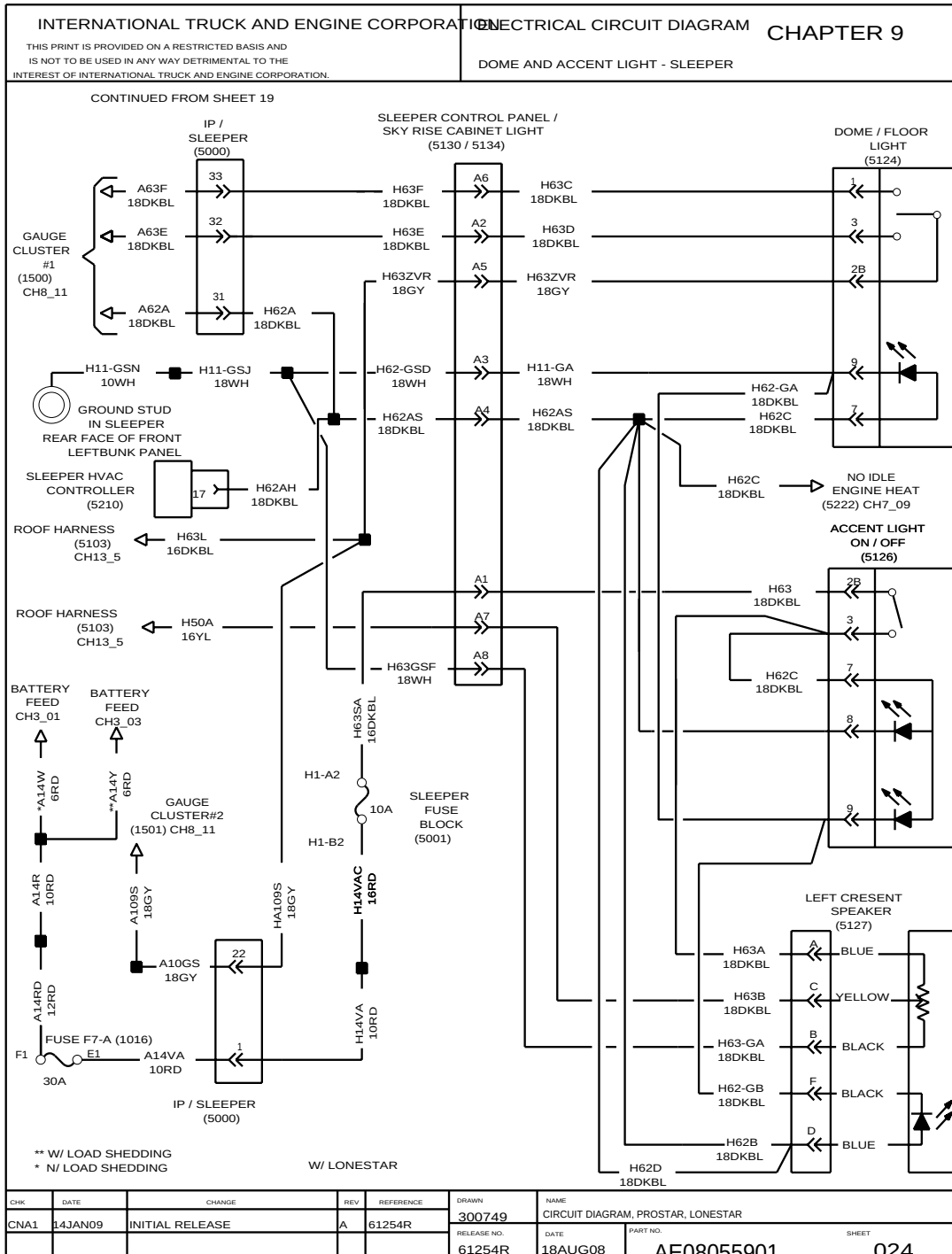


Figure 172 Dome and Accent Lights — Sleeper

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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10. CHASSIS ACCESSORIES (CHAPTER 10)

10.1. TIRE PRESSURE MONITOR, P. 1

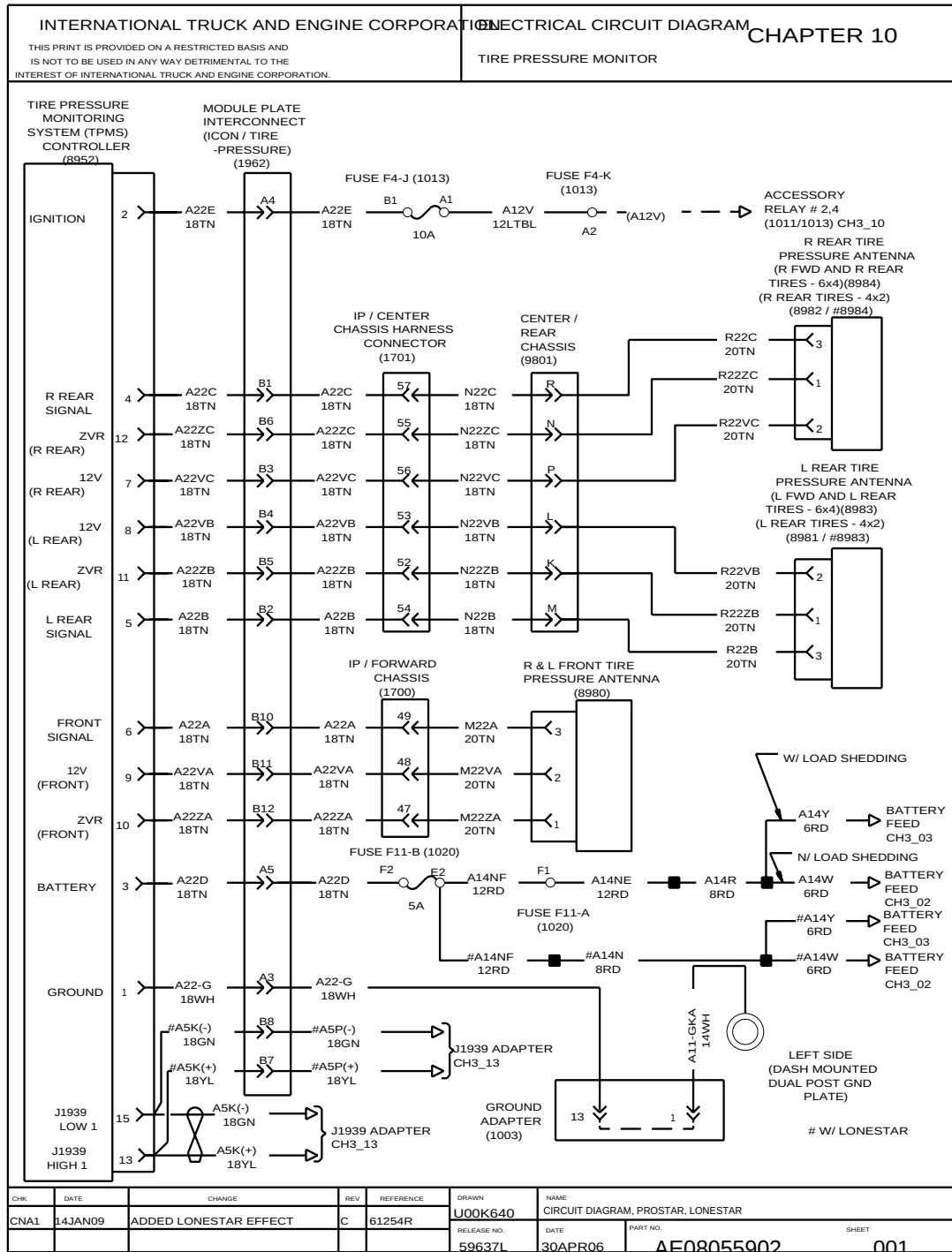


Figure 173 Tire Pressure Monitor

10.2. AIR DRYER, P. 2

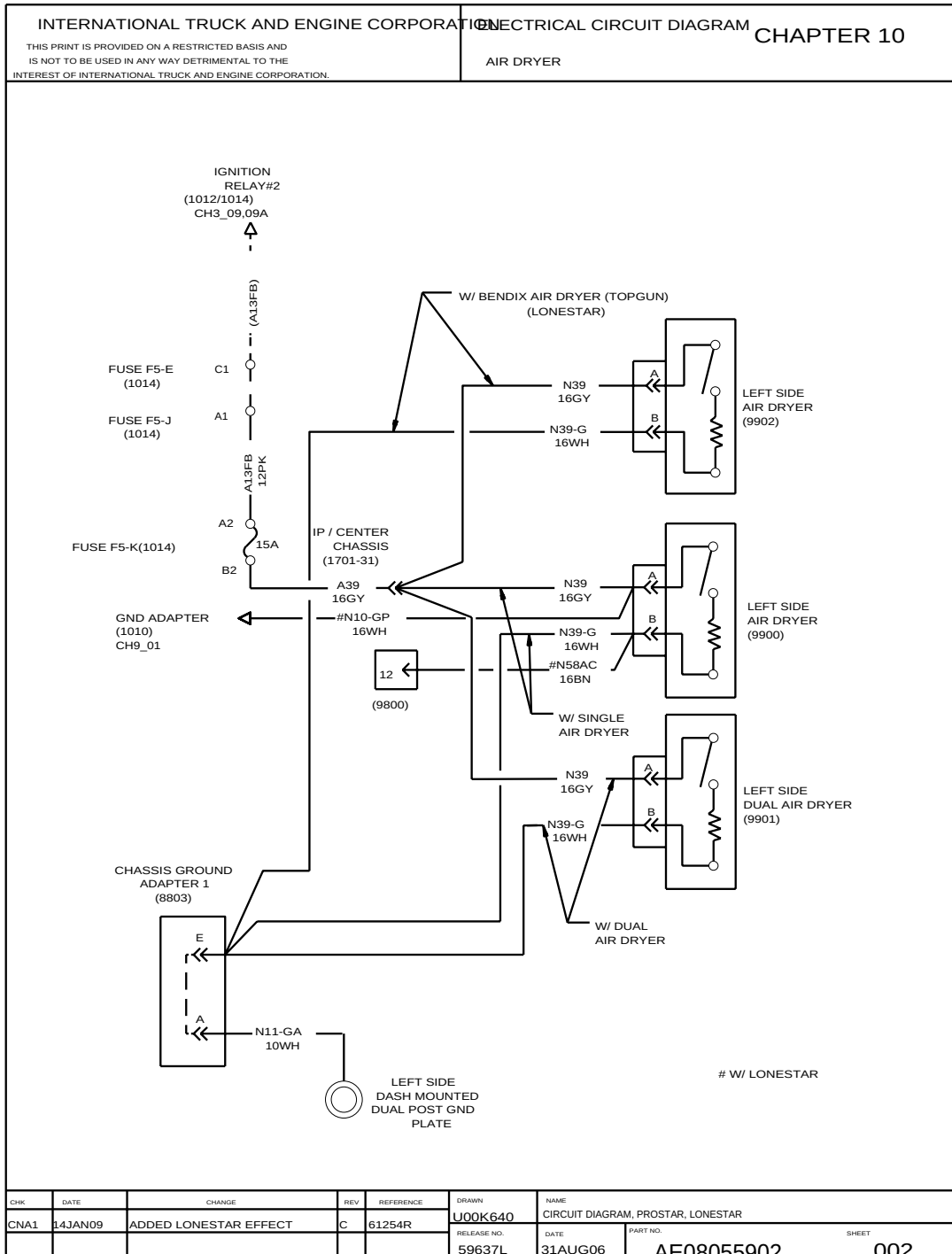


Figure 174 Air Dryer

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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10.3. AIR SOLENOID PACK — 4 WAY, P. 3

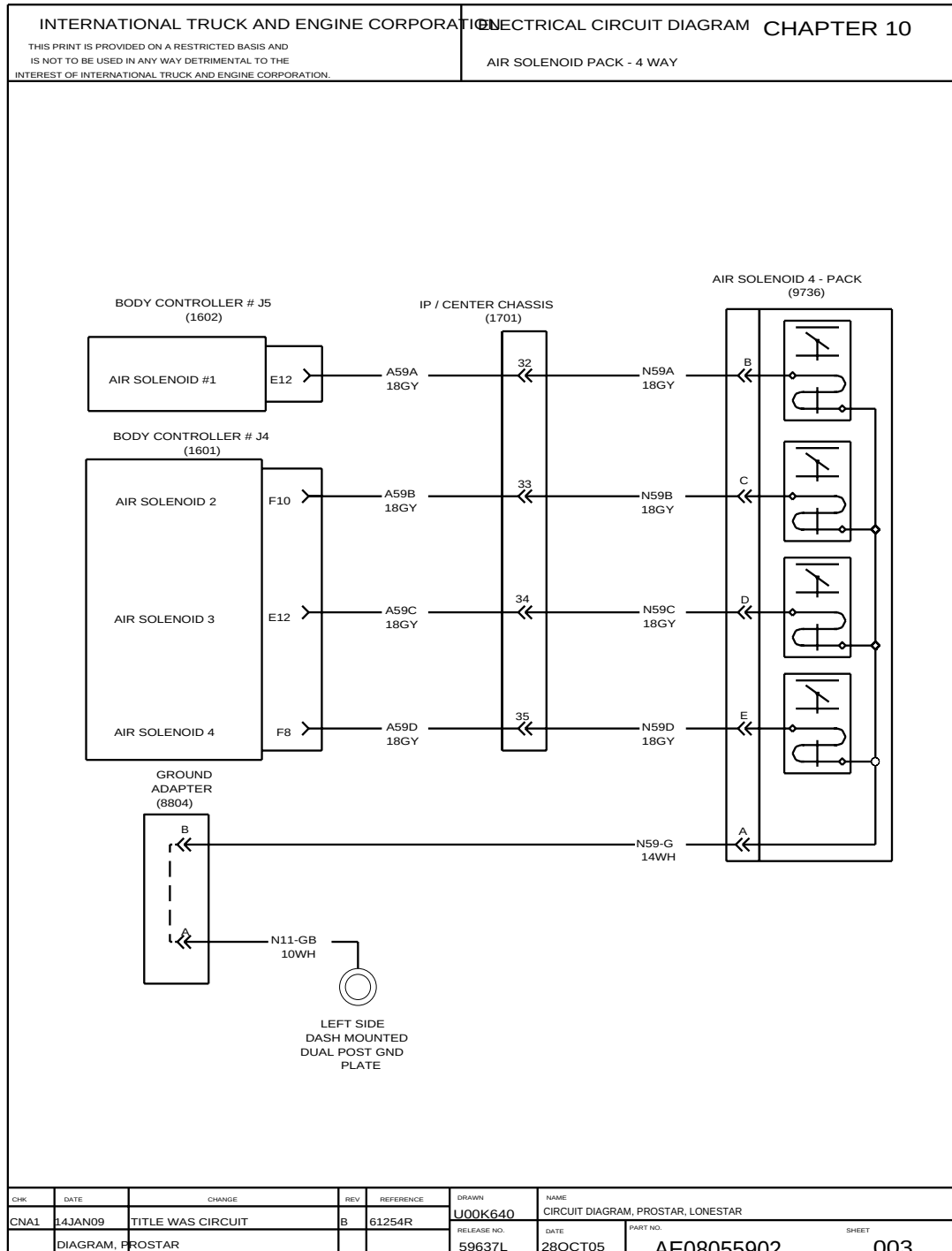


Figure 175 Air Solenoid Pack — 4 Way

10.4. AIR SOLENOID PACK — 4 WAY, P. 4

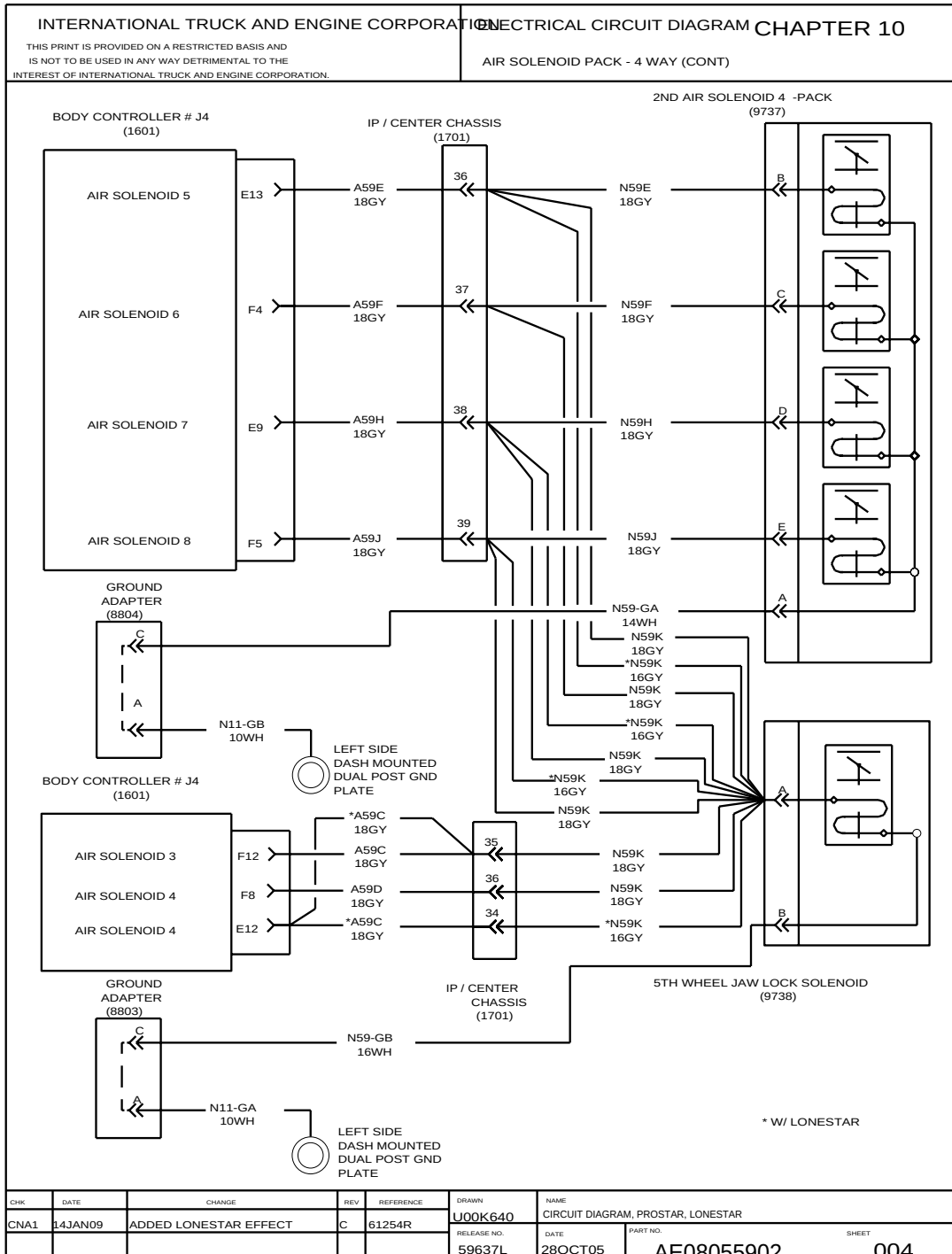


Figure 176 Air Solenoid Pack — 4 Way

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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10.5. AIR SUSPENSION W/LOAD INDICATOR, P. 5

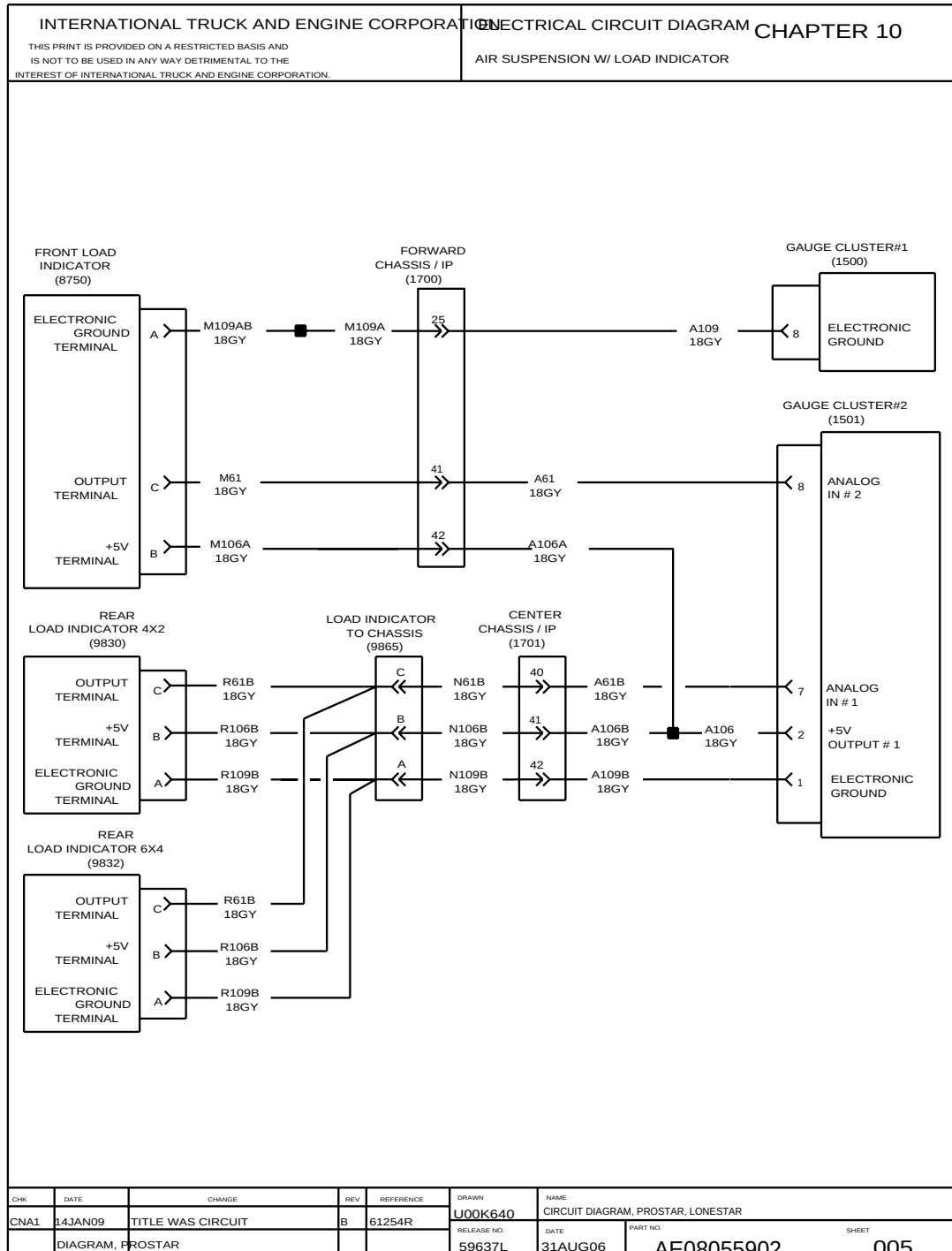


Figure 177 Air Suspension With Load Indicator

10.6. BATTERY FEED — TRAILER AUXILIARY, P. 6

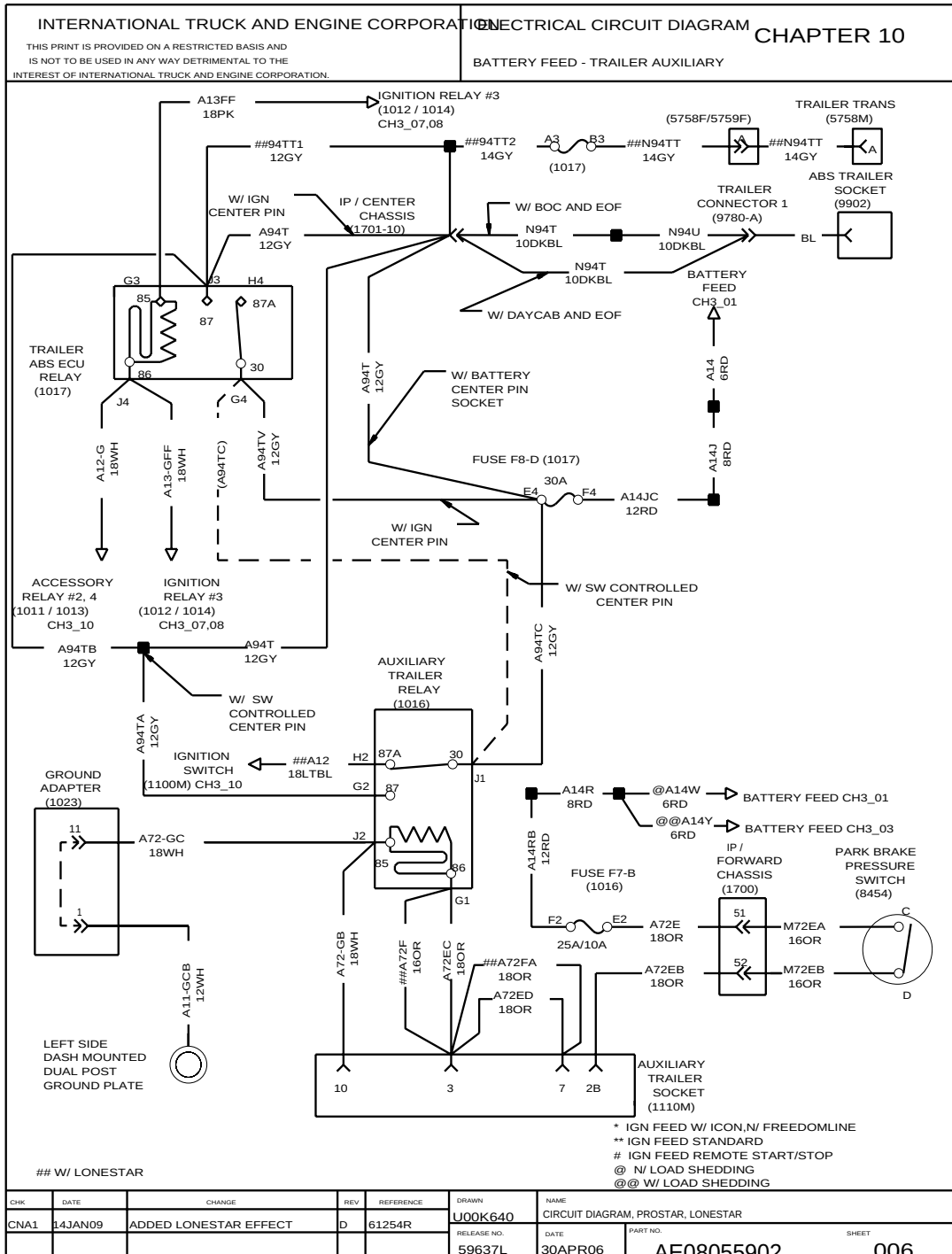


Figure 178 Battery Feed — Trailer Auxiliary

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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10.7. ANTILOCK BRAKE SYSTEM W/BENDIX, P. 7

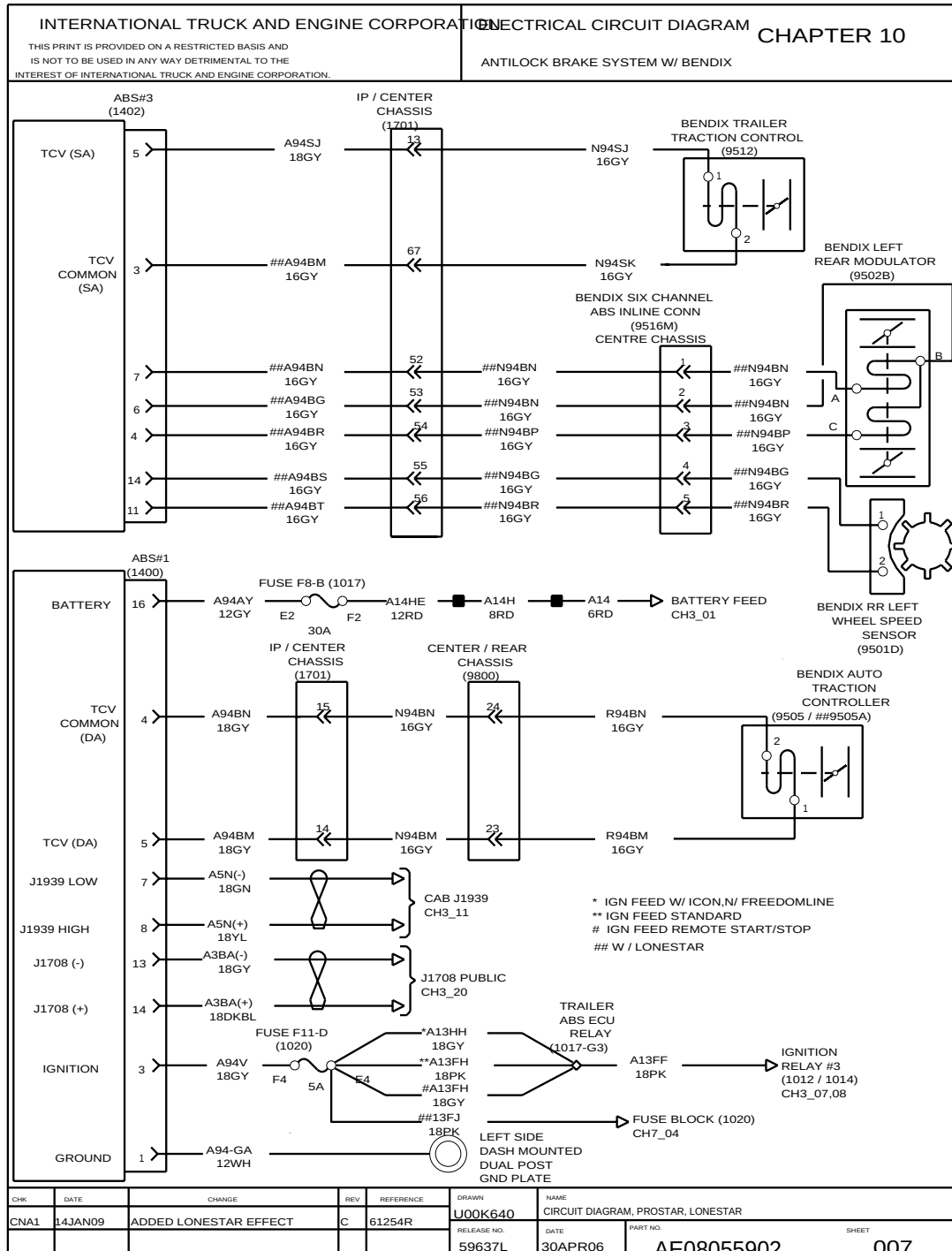


Figure 179 Antilock Brake System W/Bendix

10.8. ANTILOCK BRAKE SYSTEM W/BENDIX, P. 7A

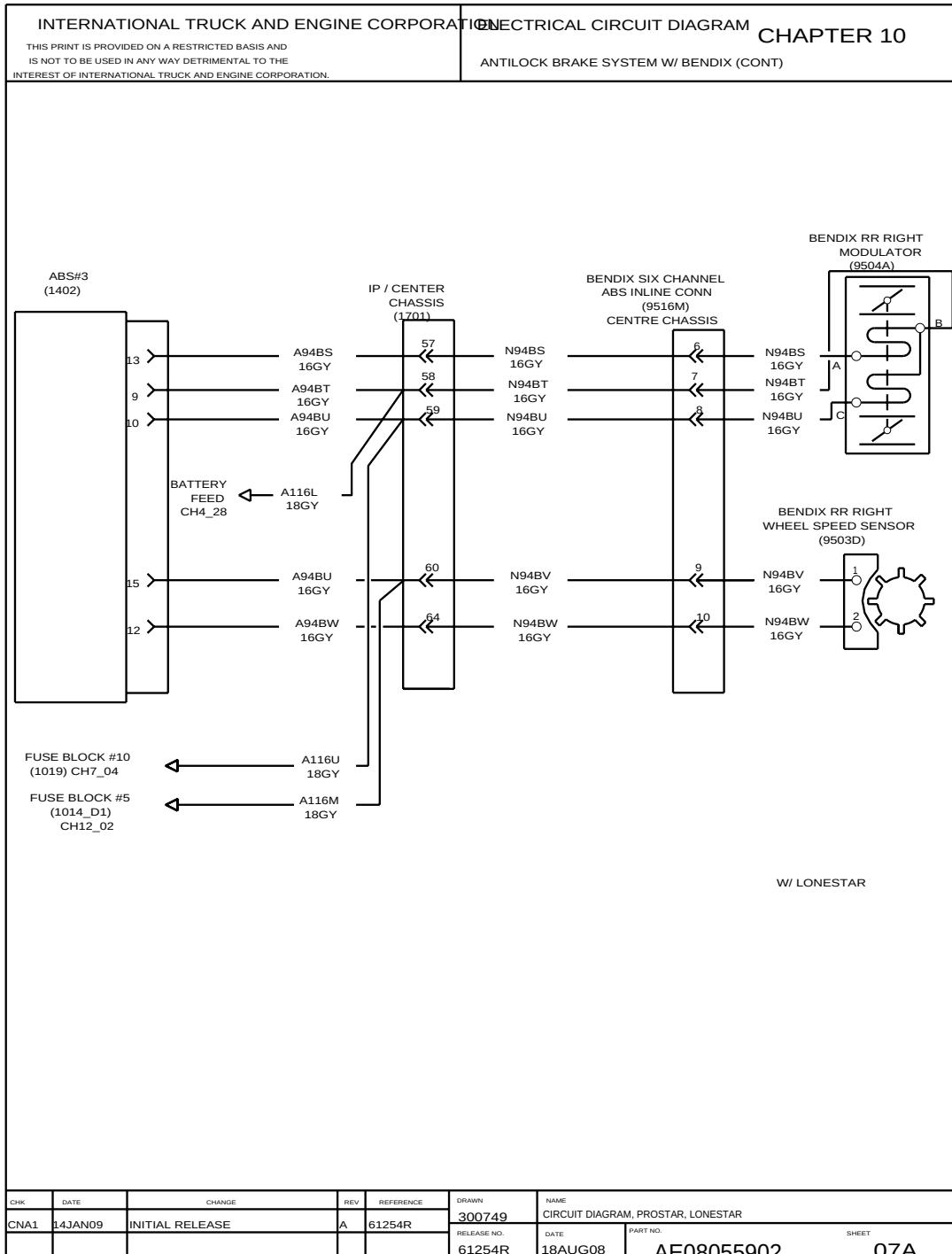


Figure 180 Antilock Brake System W/Bendix

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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10.9. ANTILOCK BRAKE SYSTEM W/BENDIX, P. 8

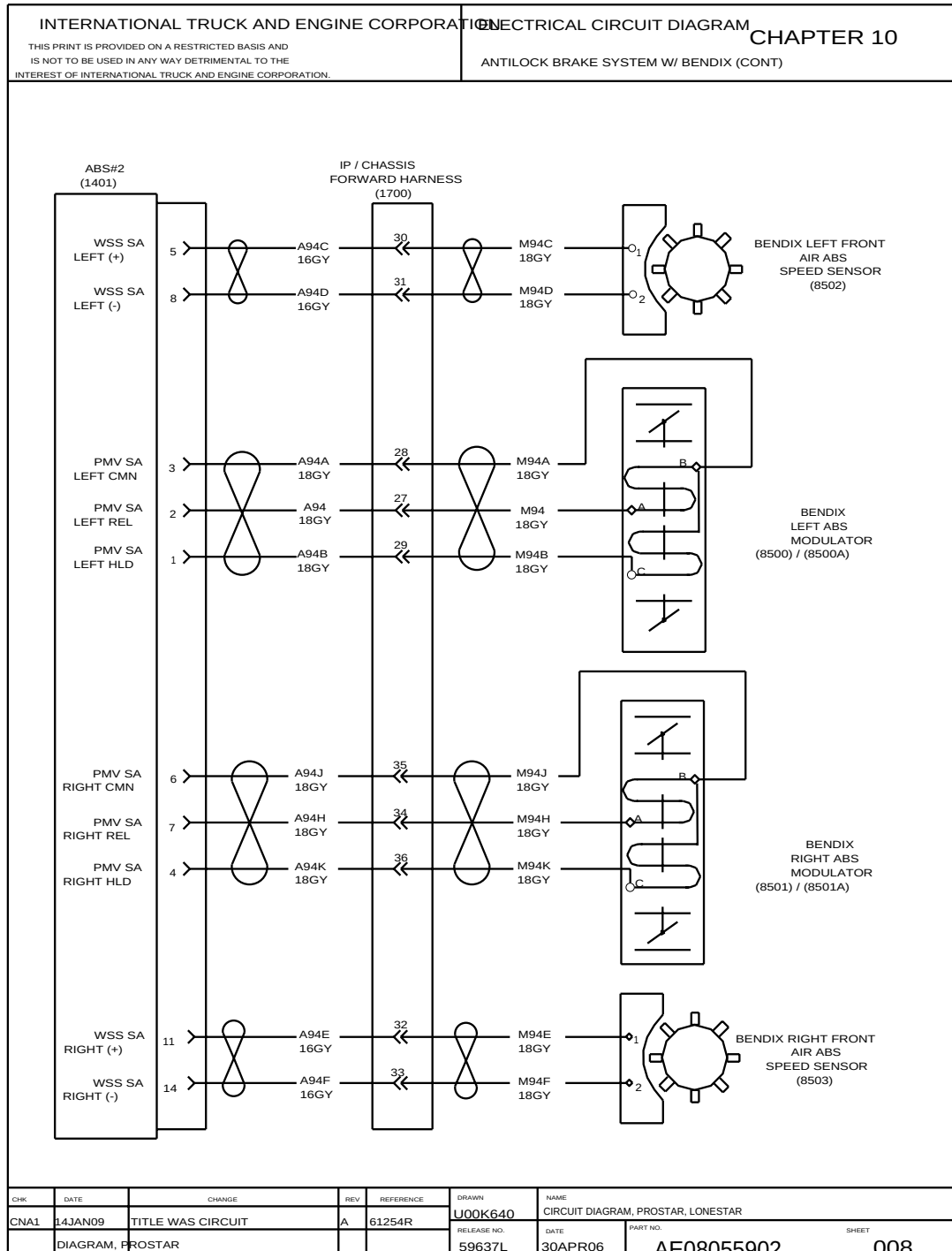


Figure 181 Antilock Brake System W/Bendix

10.10. ANTILOCK BRAKE SYSTEM W/BENDIX, P. 9

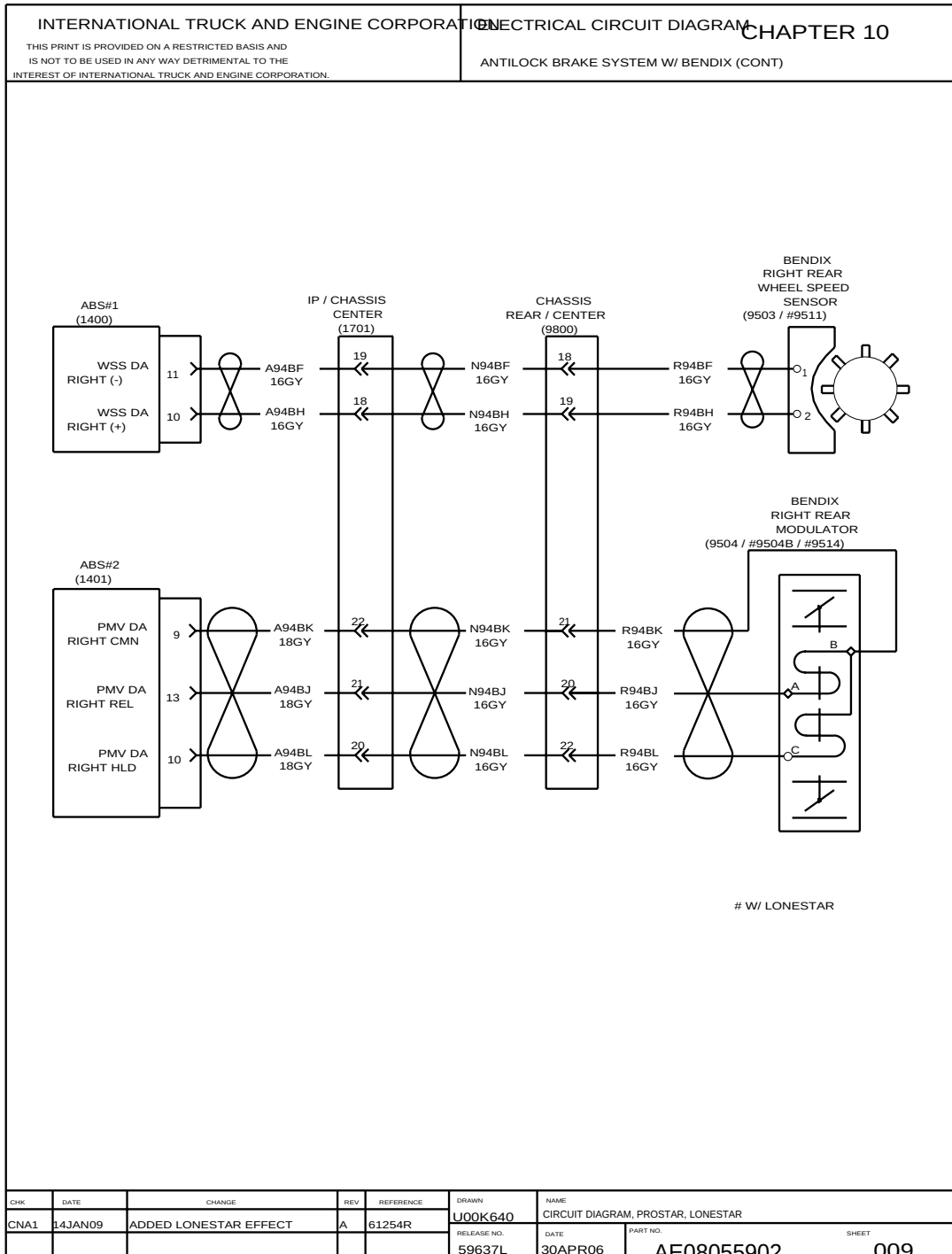


Figure 182 Antilock Brake System W/Bendix

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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10.11. ANTILOCK BRAKE SYSTEM W/BENDIX, P. 10

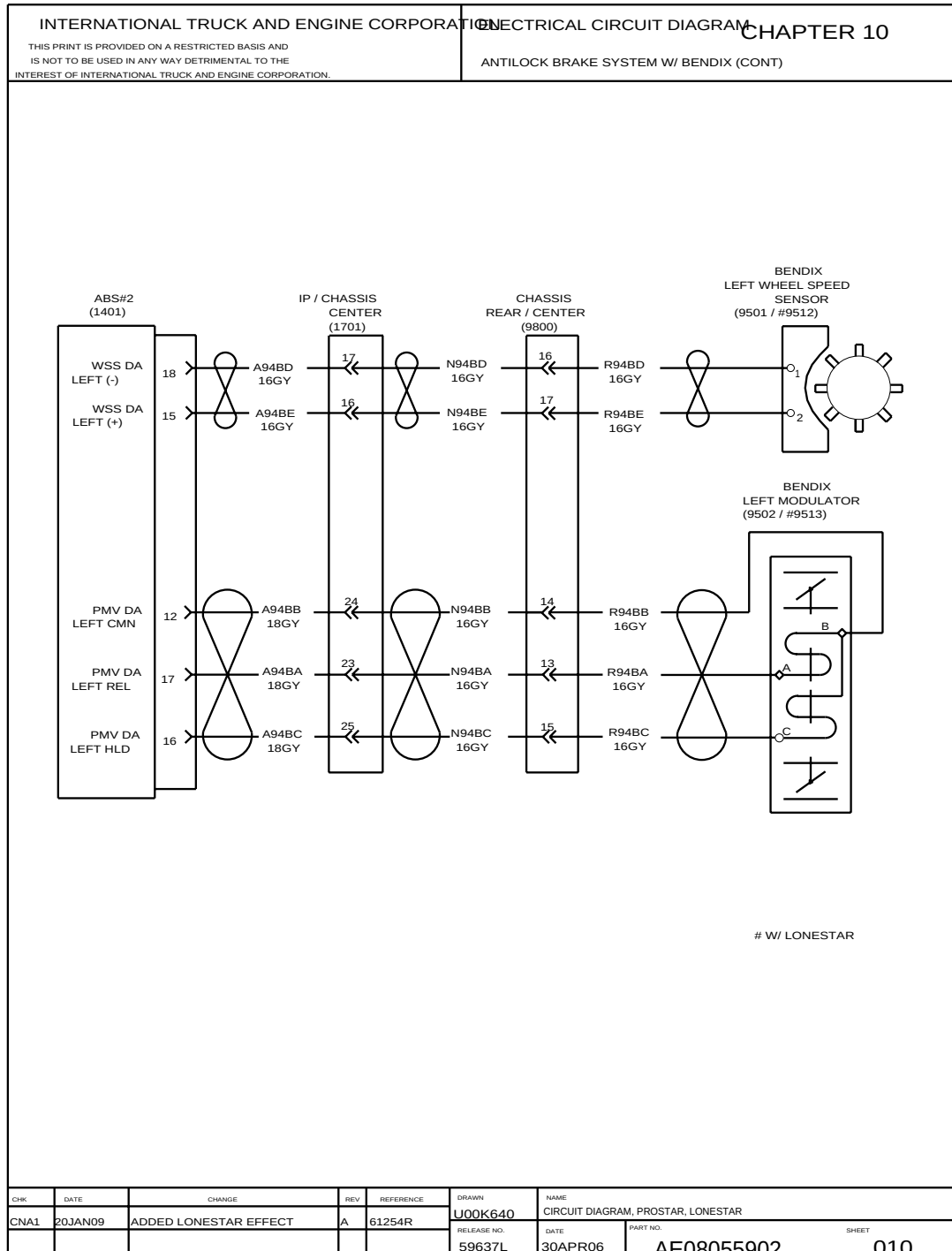


Figure 183 Antilock Brake System W/Bendix

10.12. ANTILOCK BRAKE SYSTEM W/BENDIX, P. 11

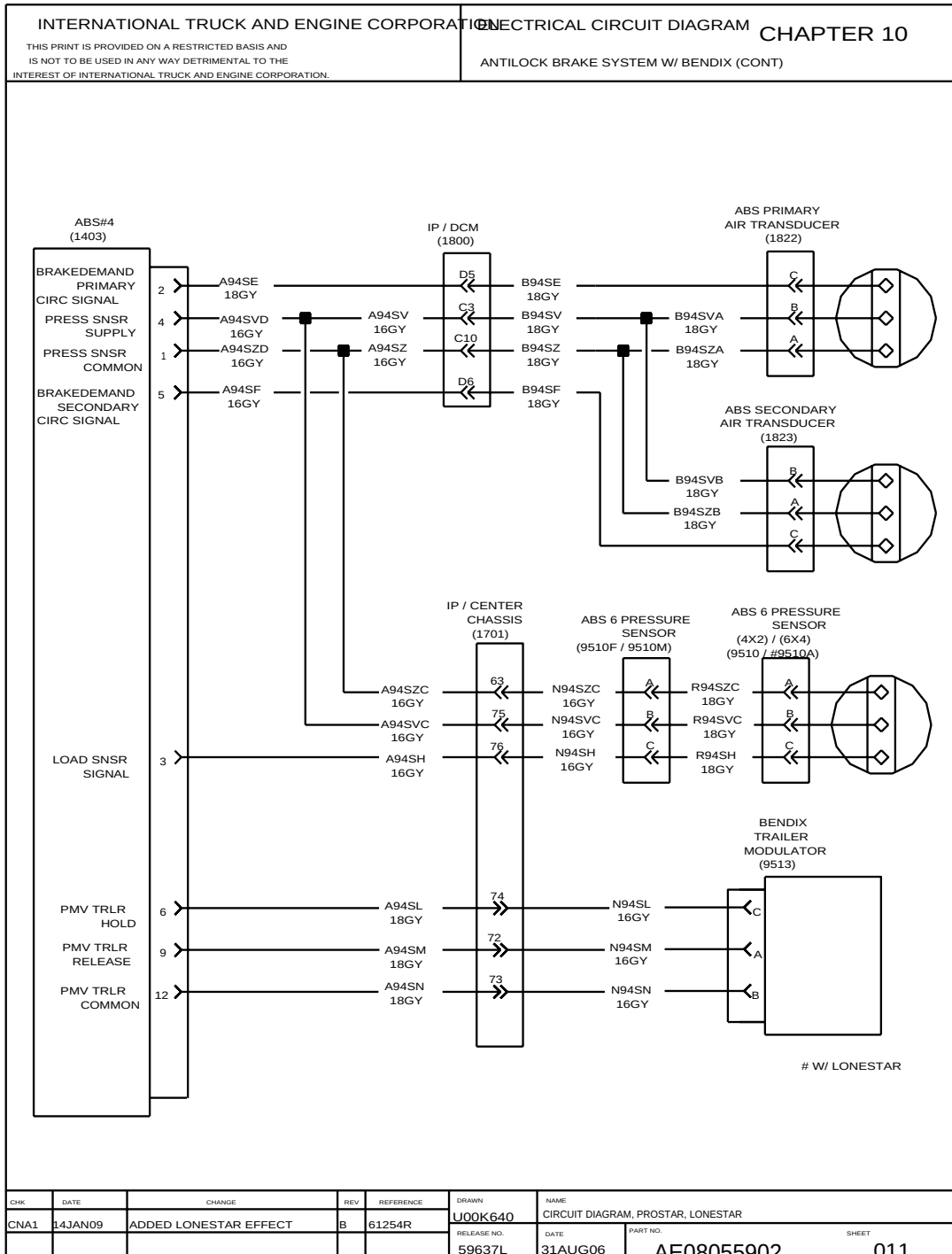


Figure 184 Antilock Brake System W/Bendix

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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10.13. ANTILOCK BRAKE SYSTEM W/BENDIX, P. 12

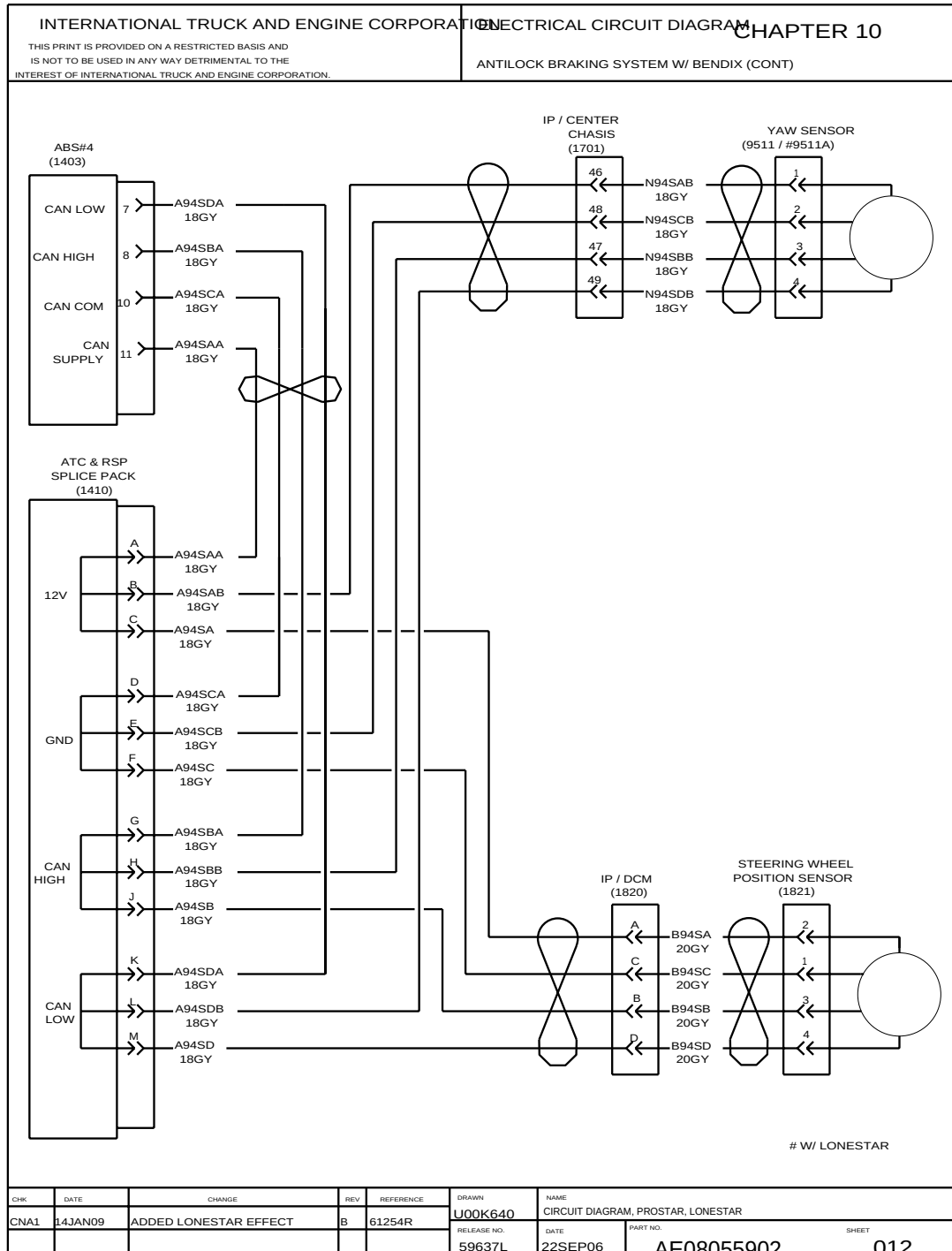


Figure 185 Antilock Brake System W/Bendix

10.14. ANTILOCK BRAKE SYSTEM W/WABCO, P. 13

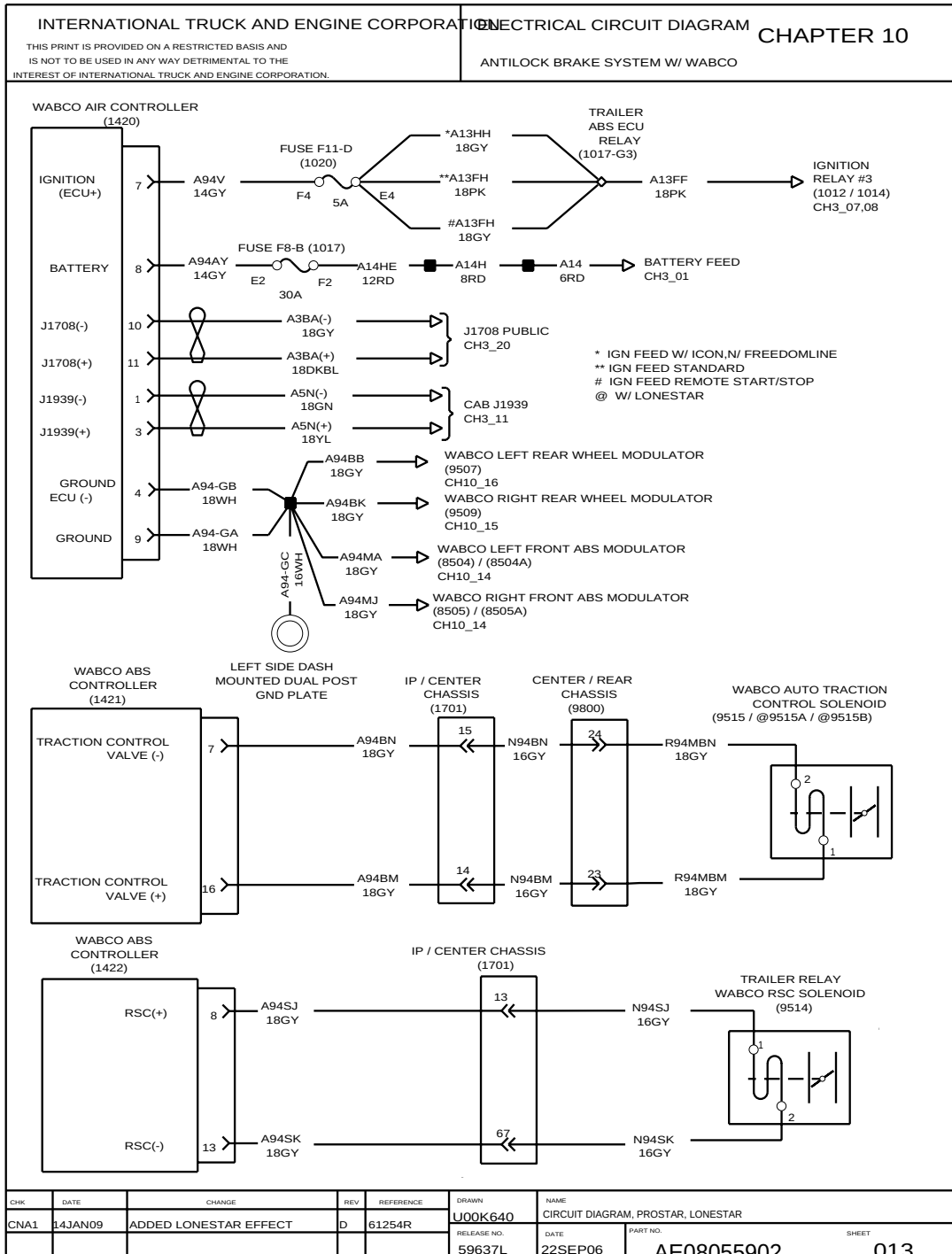


Figure 186 Antilock Brake System W/WABCO

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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10.15. ANTILOCK BRAKE SYSTEM W/WABCO, P. 14

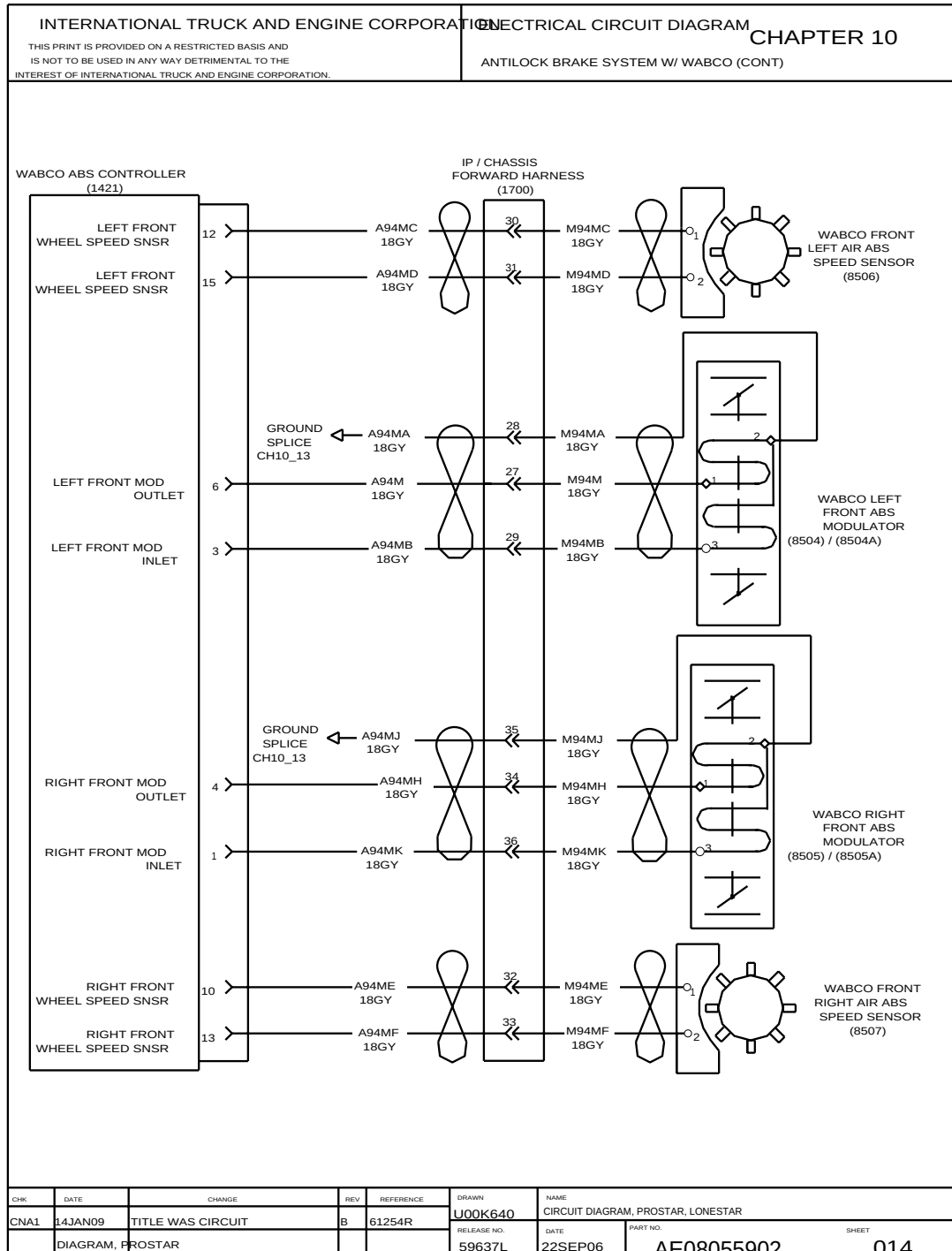


Figure 187 Antilock Brake System W/WABCO

10.16. ANTILOCK BRAKE SYSTEM W/WABCO, P. 15

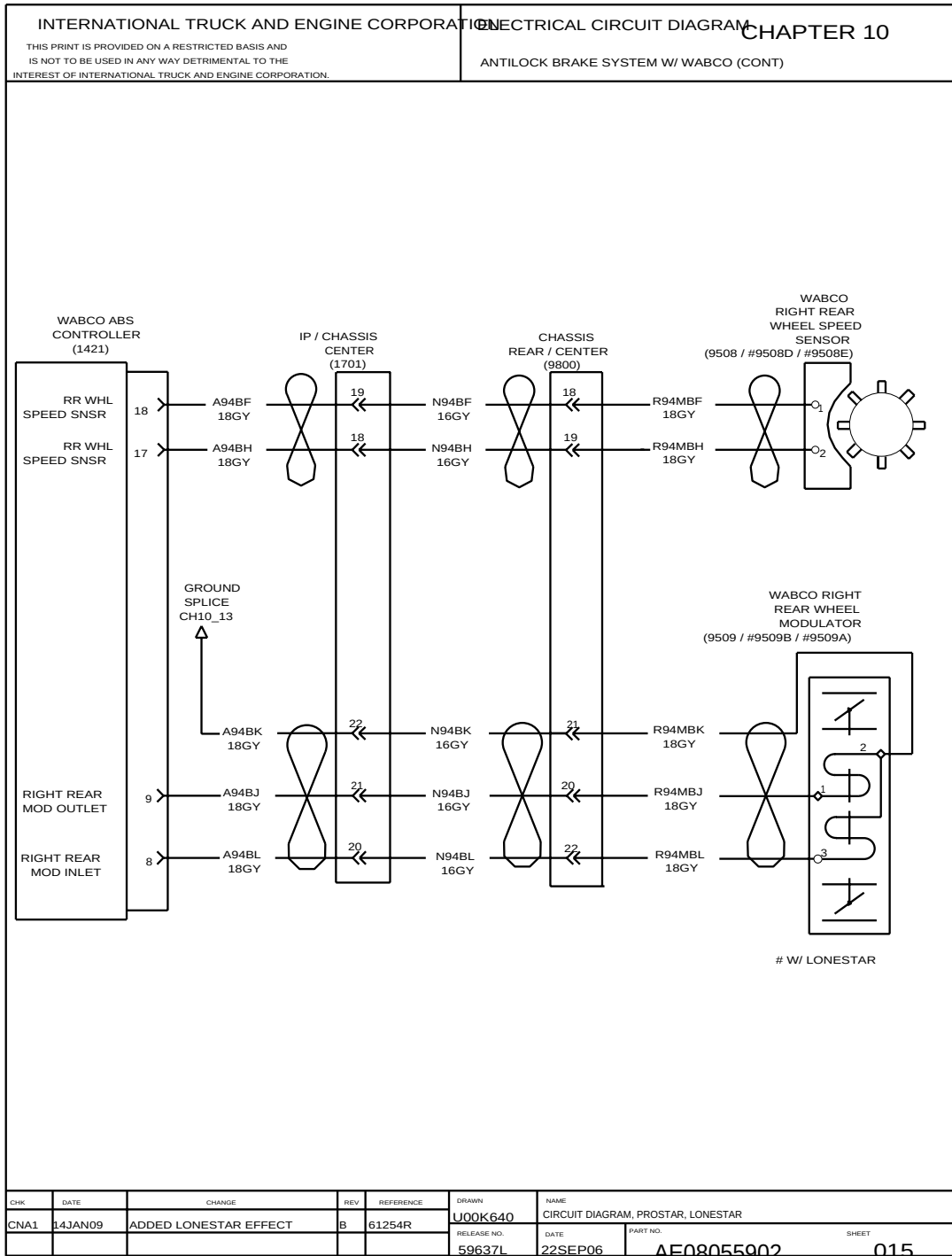


Figure 188 Antilock Brake System W/WABCO

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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10.17. ANTILOCK BRAKE SYSTEM W/WABCO, P. 16

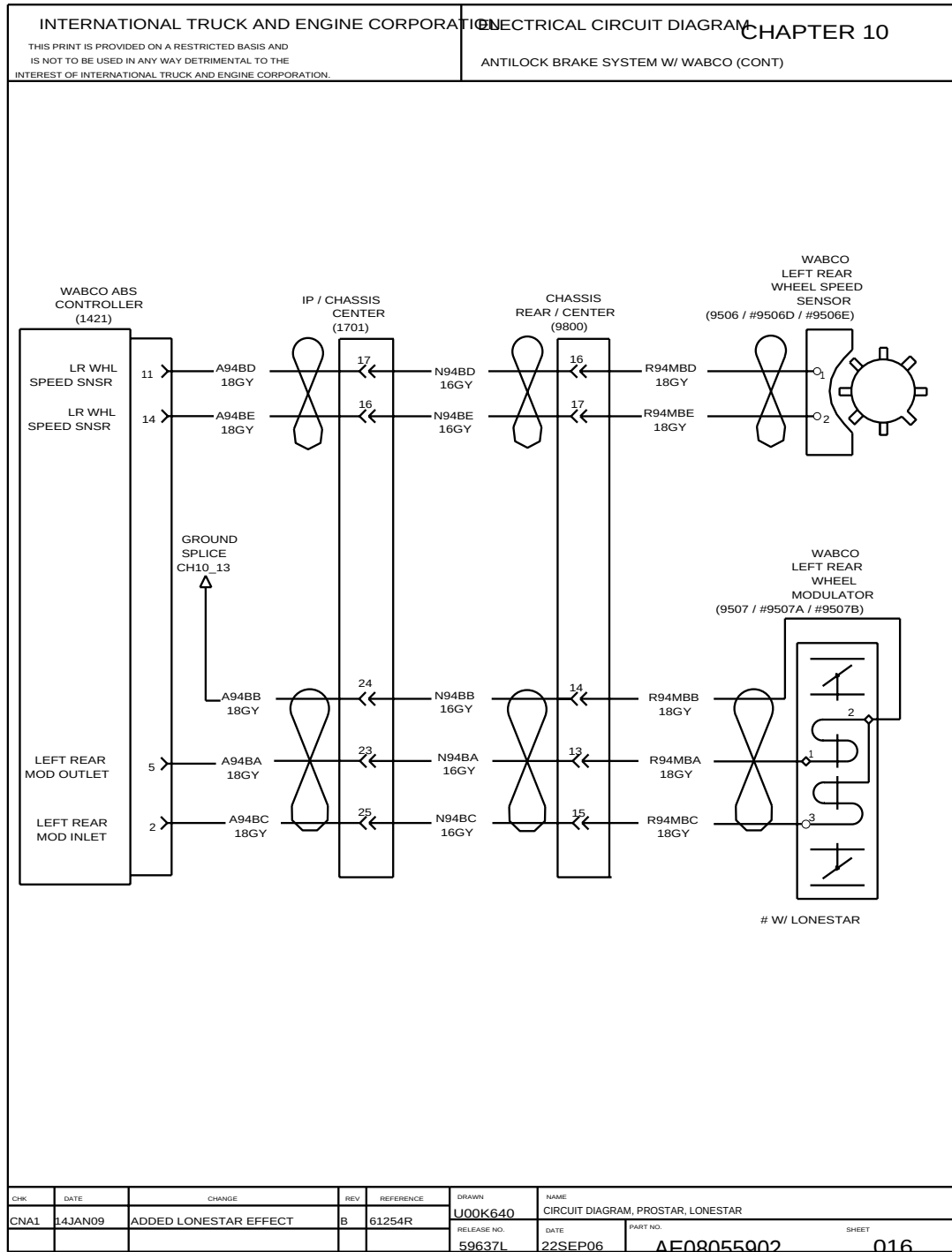


Figure 189 Antilock Brake System W/WABCO

10.18. ANTILOCK BRAKE SYSTEM W/WABCO, P. 17

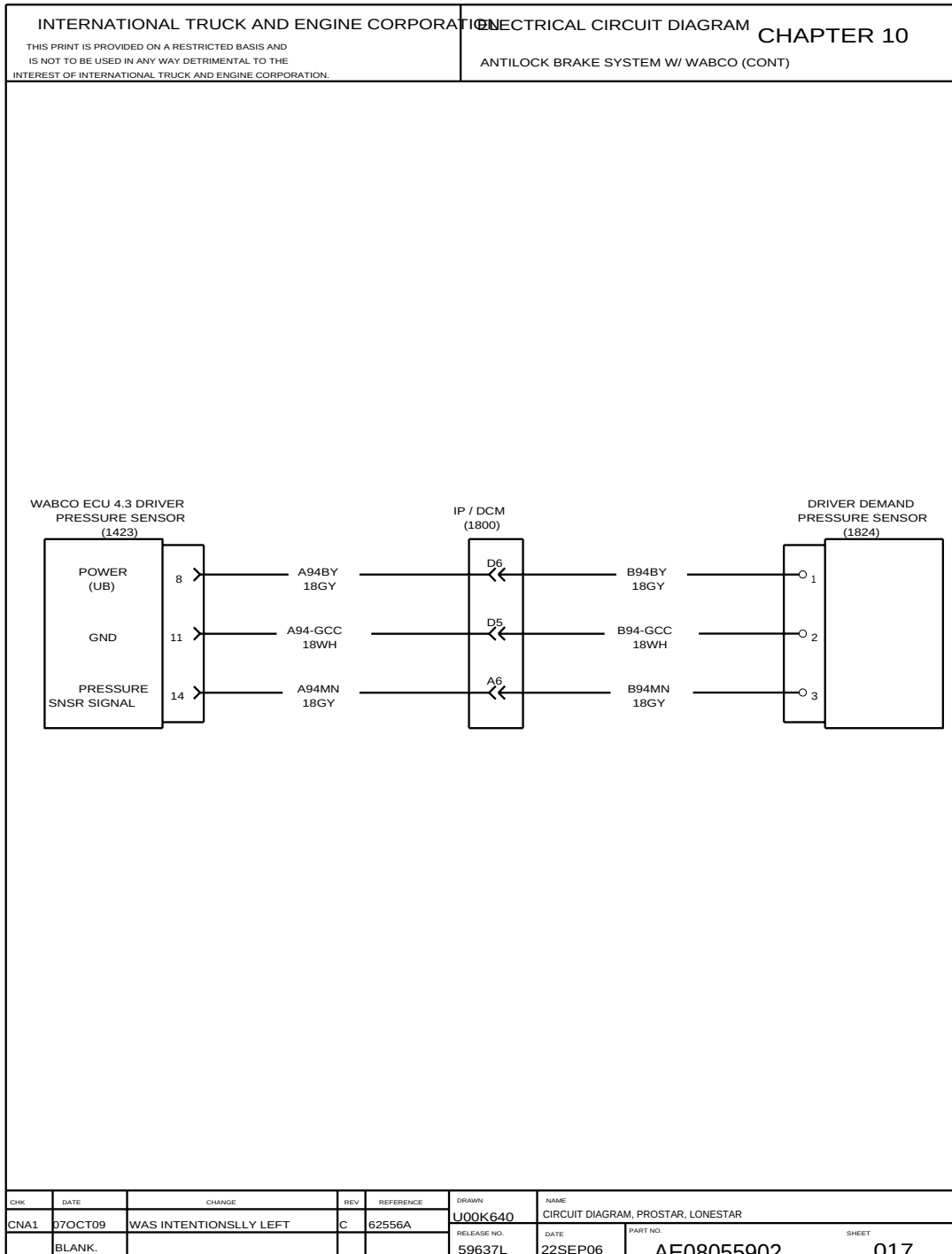


Figure 190 Antilock Brake System W/WABCO

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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10.19. POWER TAKE OFF, P. 18

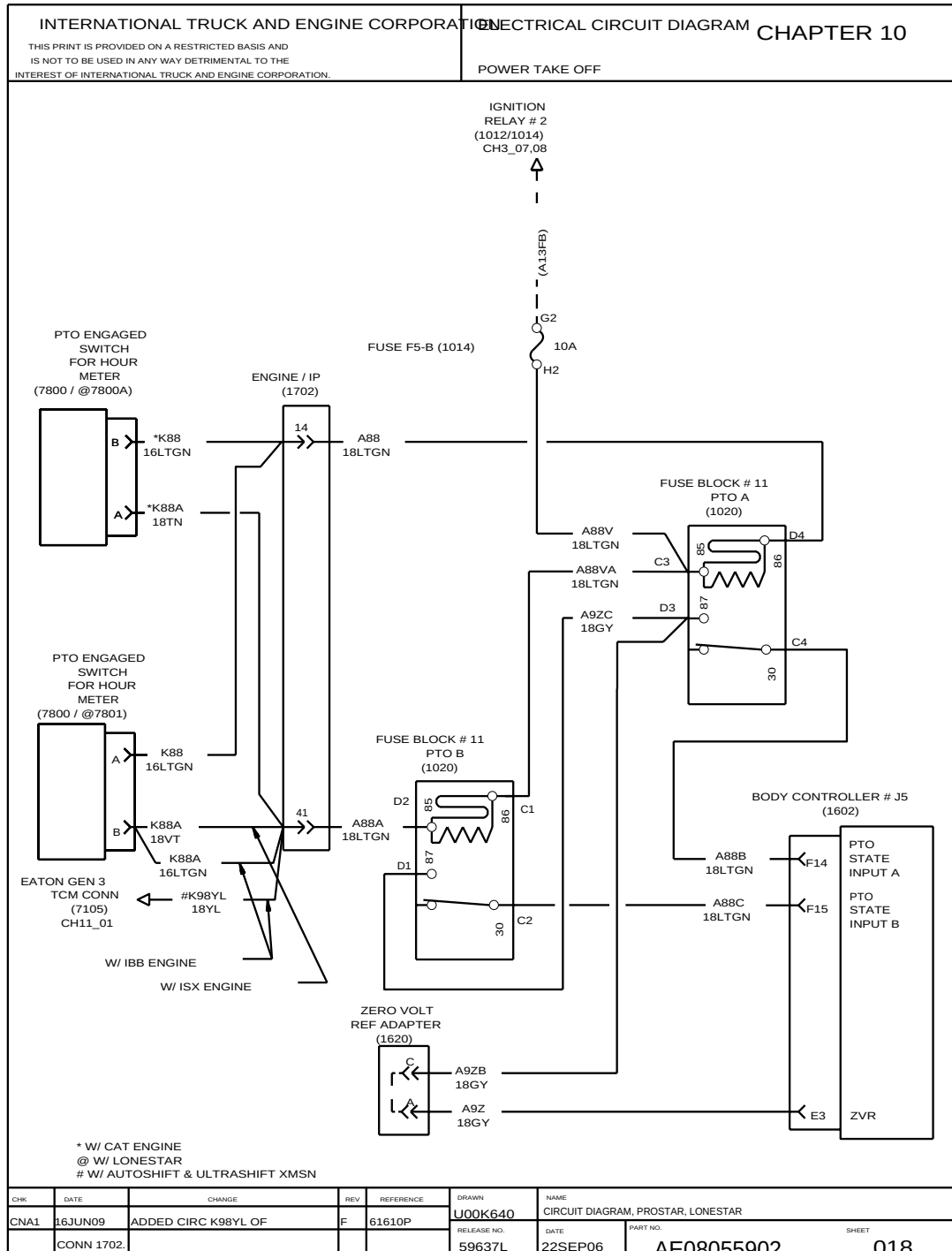


Figure 191 Power Take Off

10.20. FUEL LEVEL, P. 19

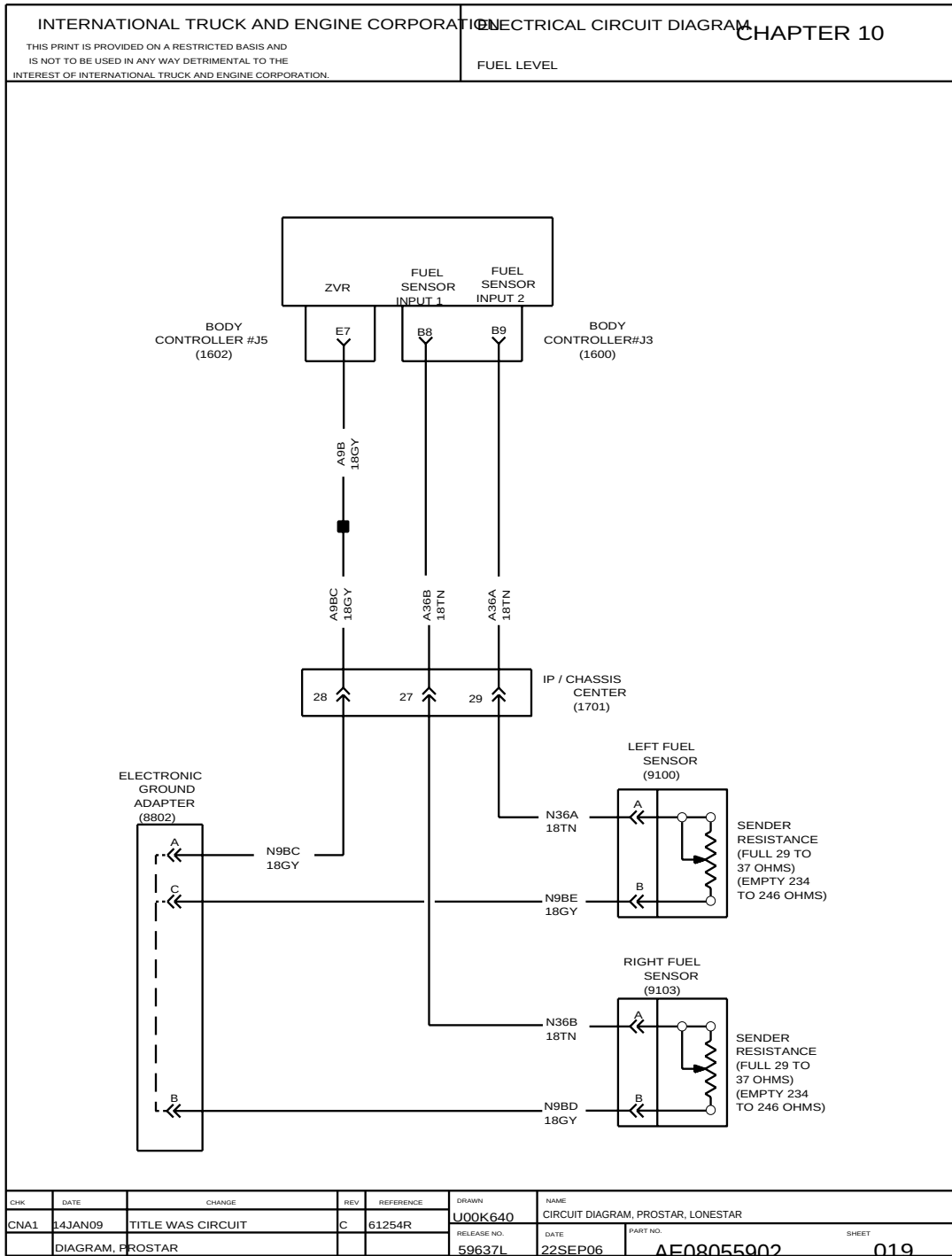


Figure 192 Fuel Level

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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10.21. VEHICLE SENSOR MODULE, P. 20

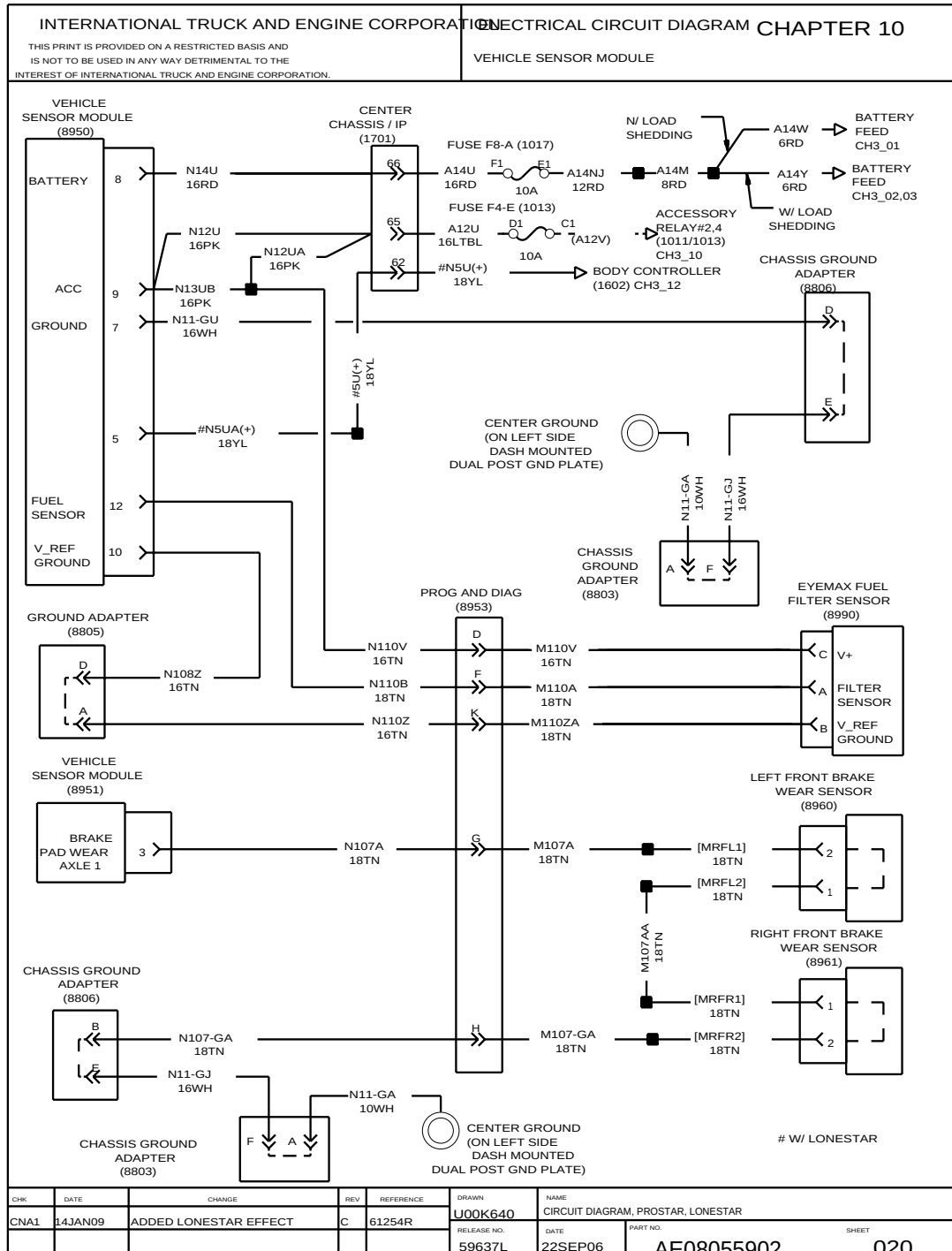


Figure 193 Vehicle Sensor Module

10.22. VEHICLE SENSOR MODULE, P. 21

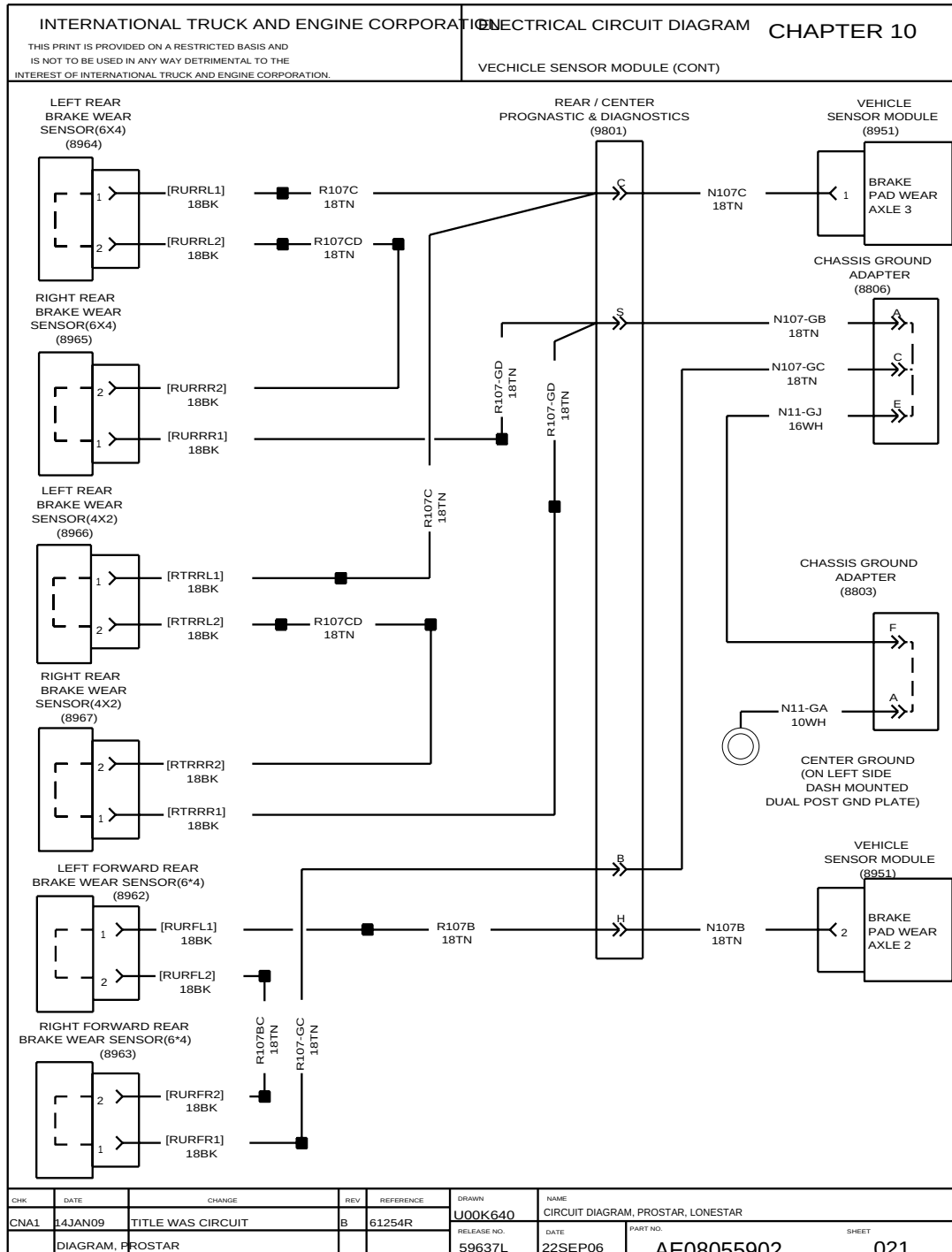


Figure 194 Vehicle Sensor Module

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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10.23. BRAKE SENSOR — WEAR/STROKE, P. 22

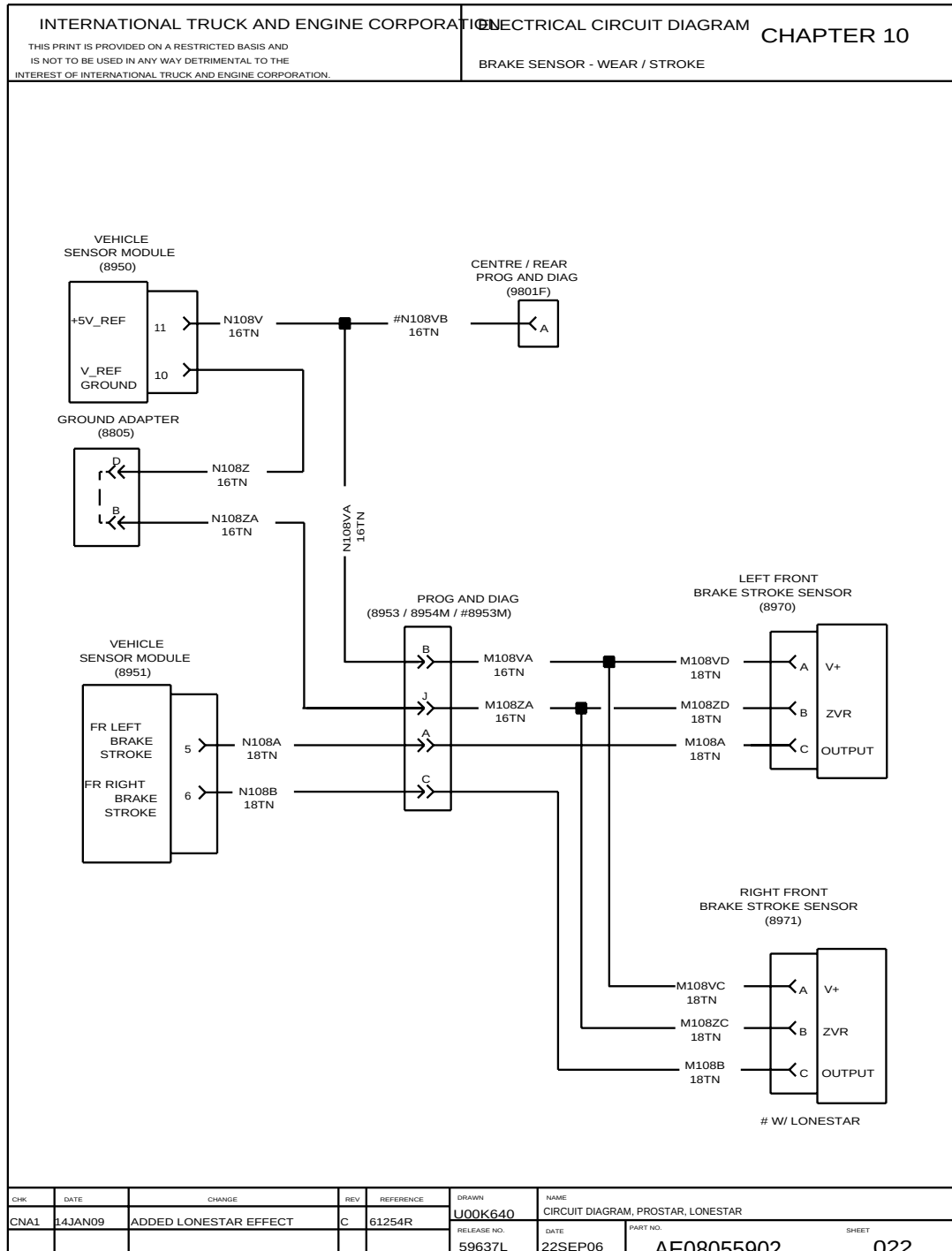


Figure 195 Brake Sensor — Wear/Stroke

10.24. BRAKE SENSOR — WEAR/STROKE, P. 23

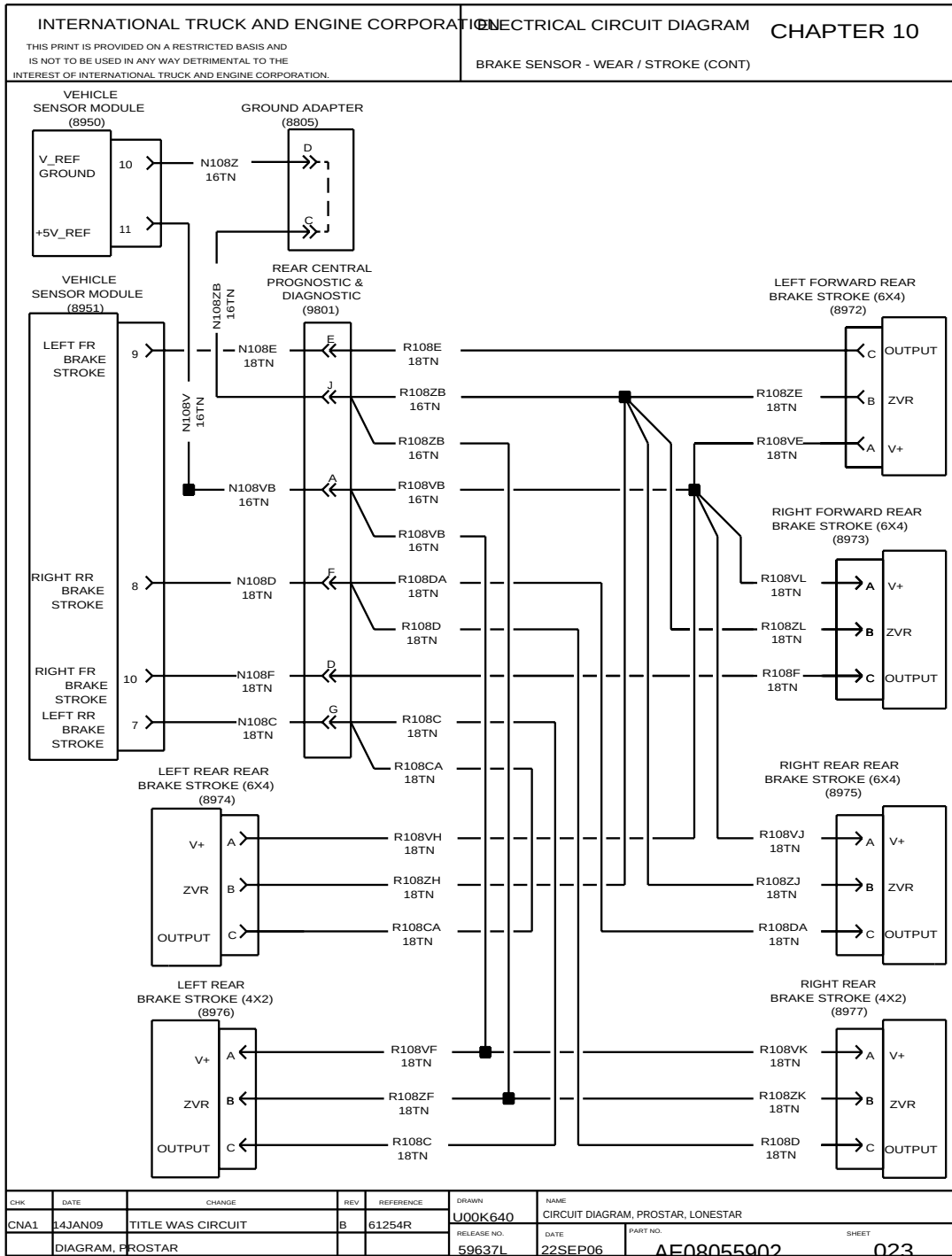


Figure 196 Brake Sensor — Wear/Stroke

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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11. TRANSMISSION CONTROL MODULE (CHAPTER 11)

11.1. EATON AUTOSHIFT AND ULTRASHIFT TRANSMISSION, P. 1

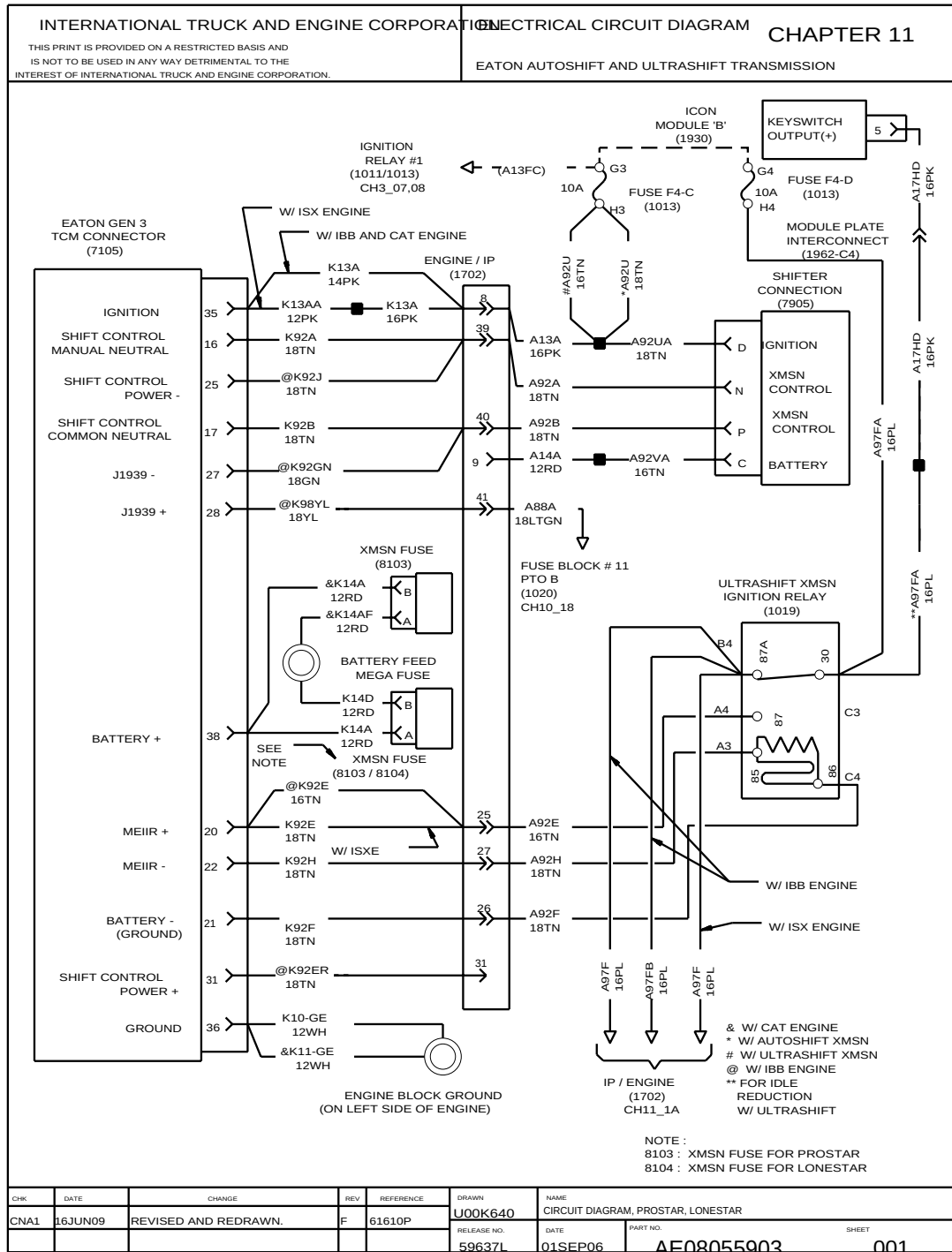


Figure 197 Eaton Autoshift and Ultrashift Transmission

11.2. EATON AUTOSHIFT AND ULTRASHIFT TRANSMISSION, P. 1A

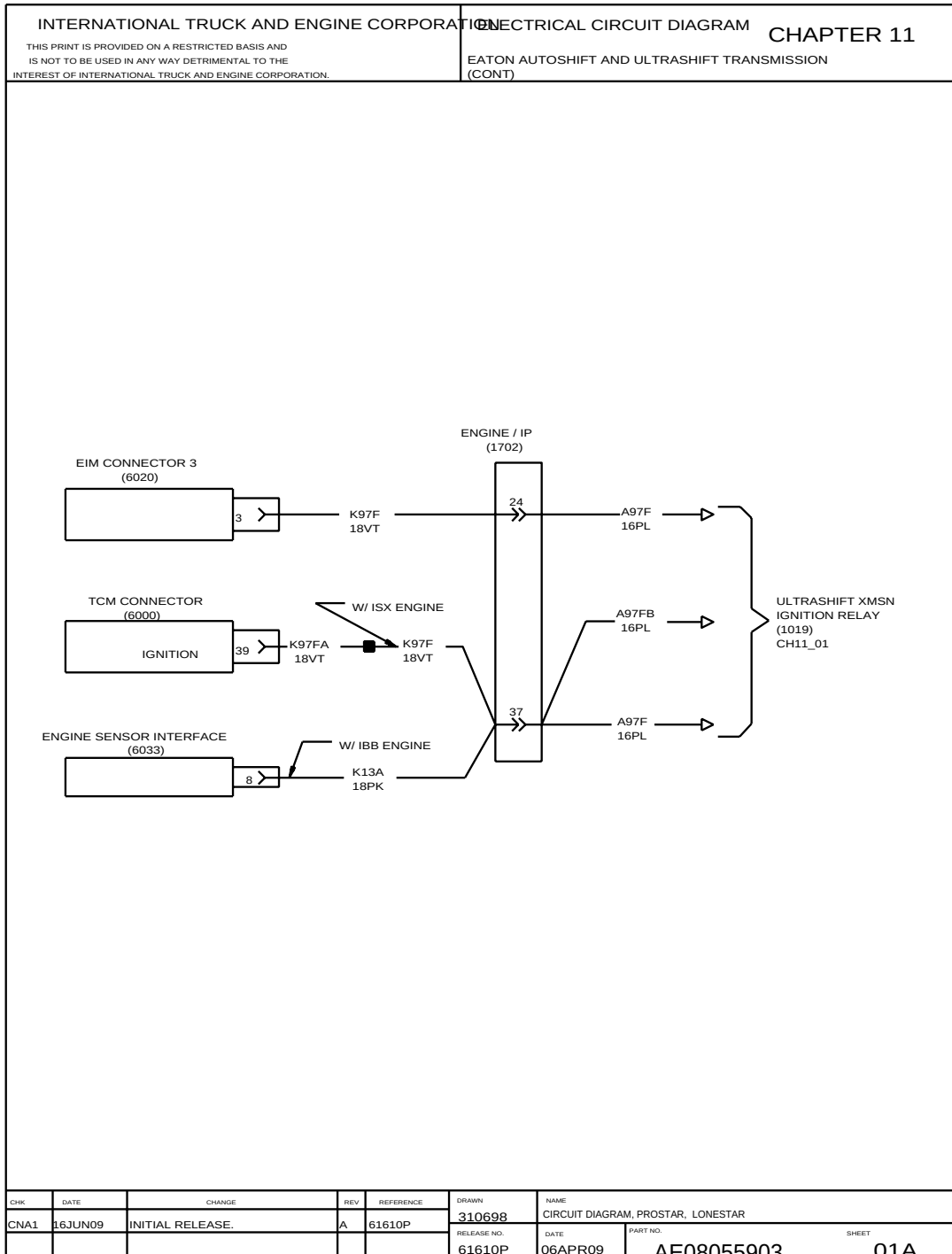


Figure 198 Eaton Autoshift and Ultrashift Transmission

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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11.3. COLUMN SHIFTER AND MERITOR G TRANSMISSION, P. 2

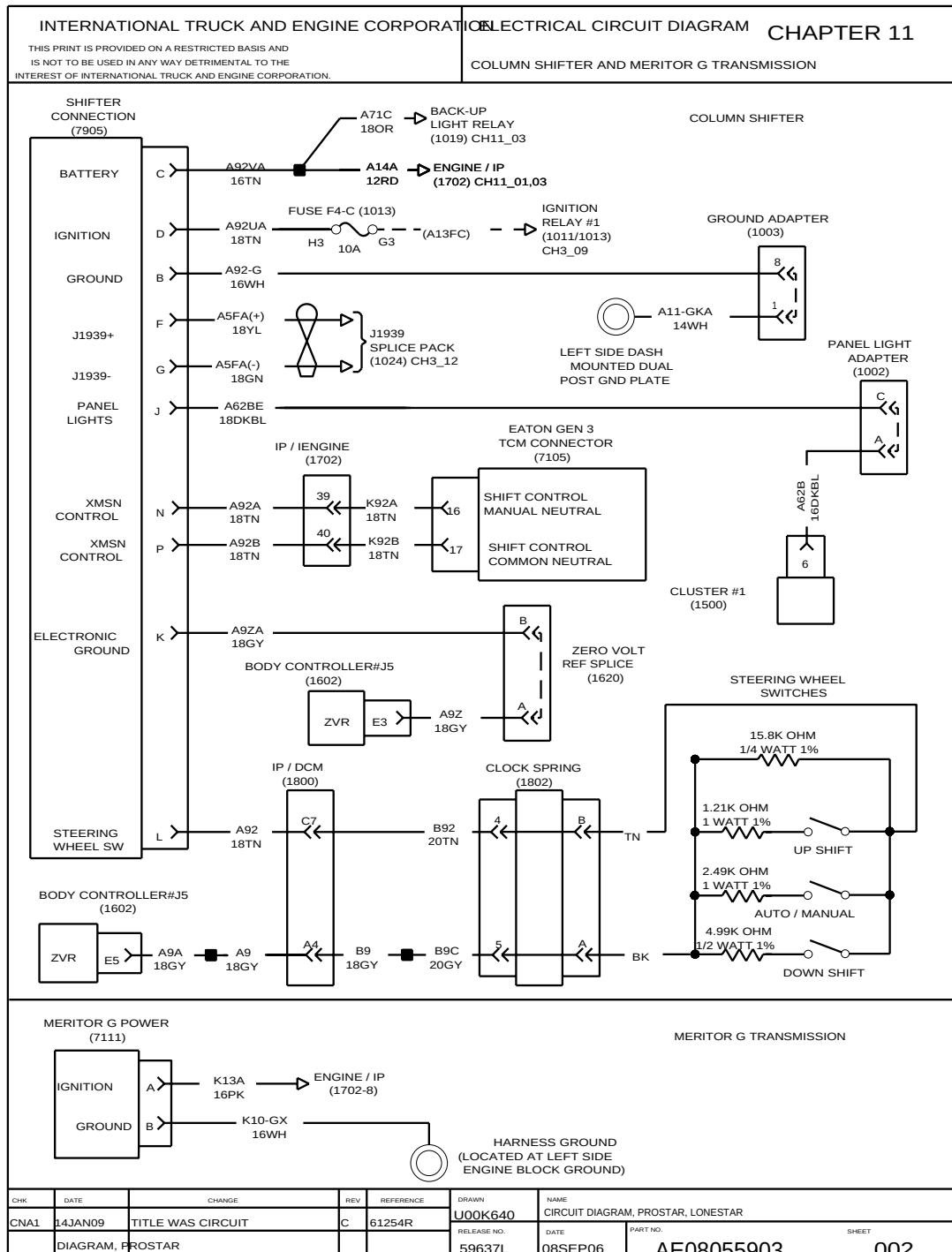


Figure 199 Column Shifter and Meritor G Transmission

11.4. FREEDOMLINE TRANSMISSION, P. 3

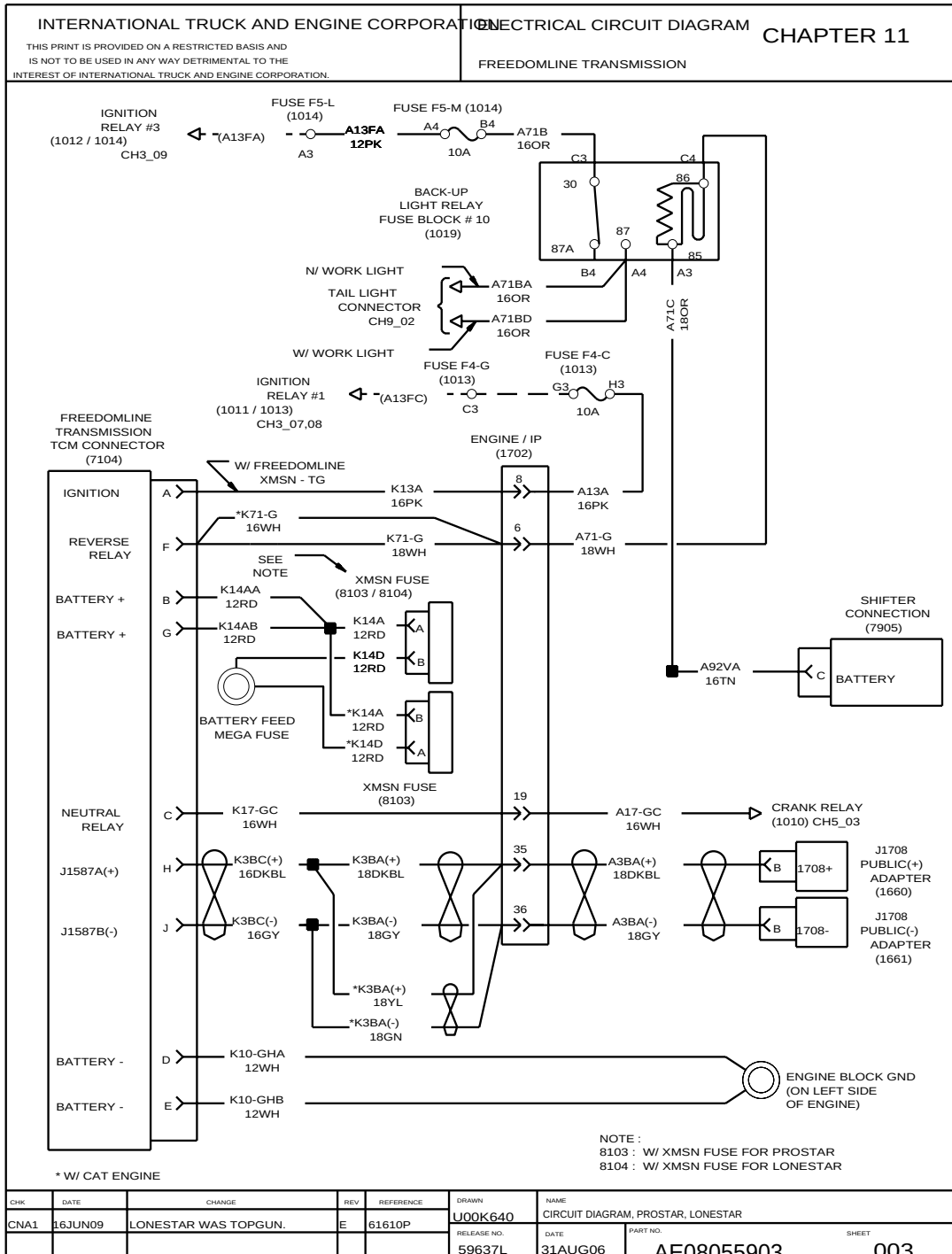


Figure 200 Freedomline Transmission

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

201

12. HVAC (CHAPTER 12)

12.1. AIR CONDITIONING, P. 1

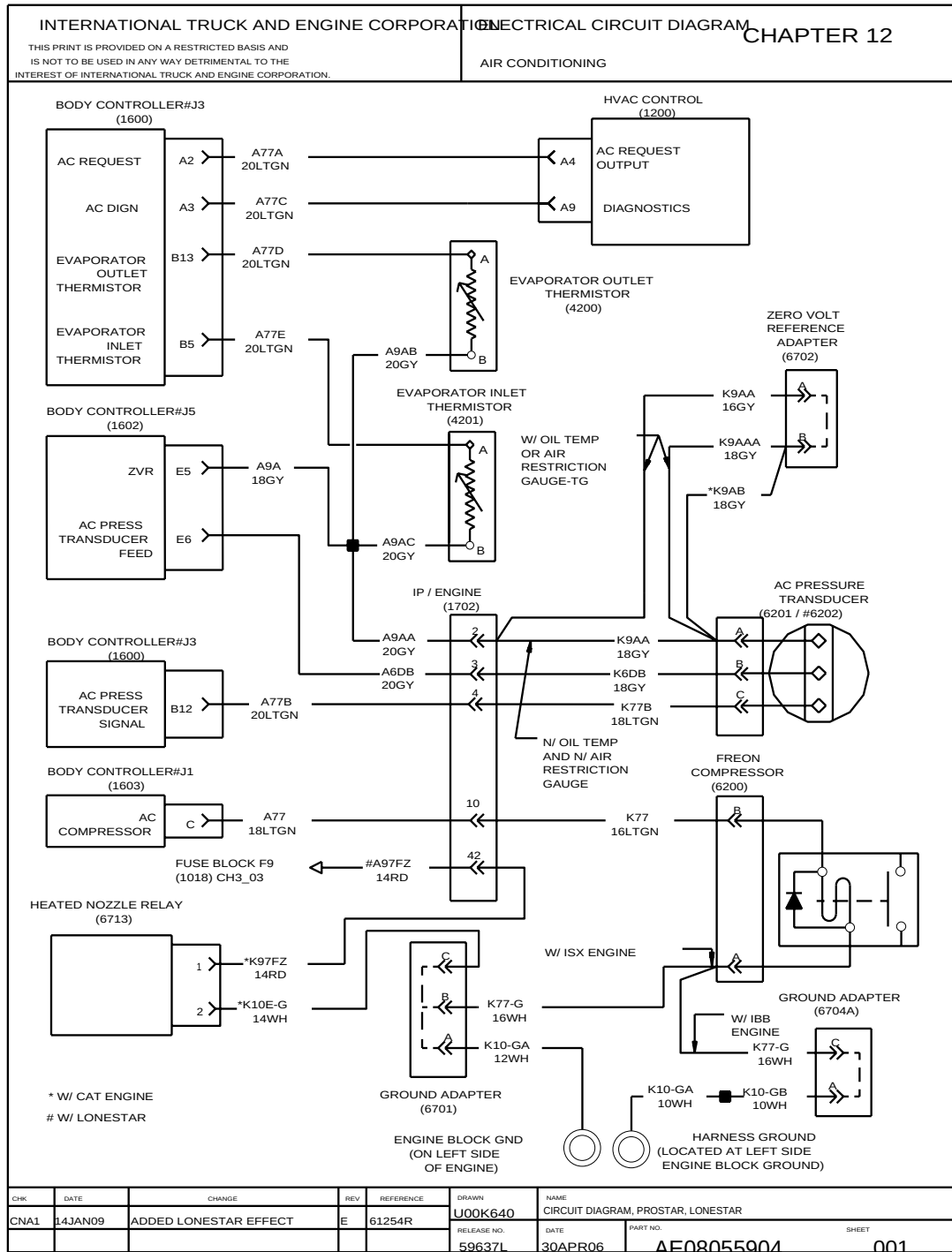


Figure 201 Air Conditioning

12.2. HVAC SYSTEM — CAB, P. 2

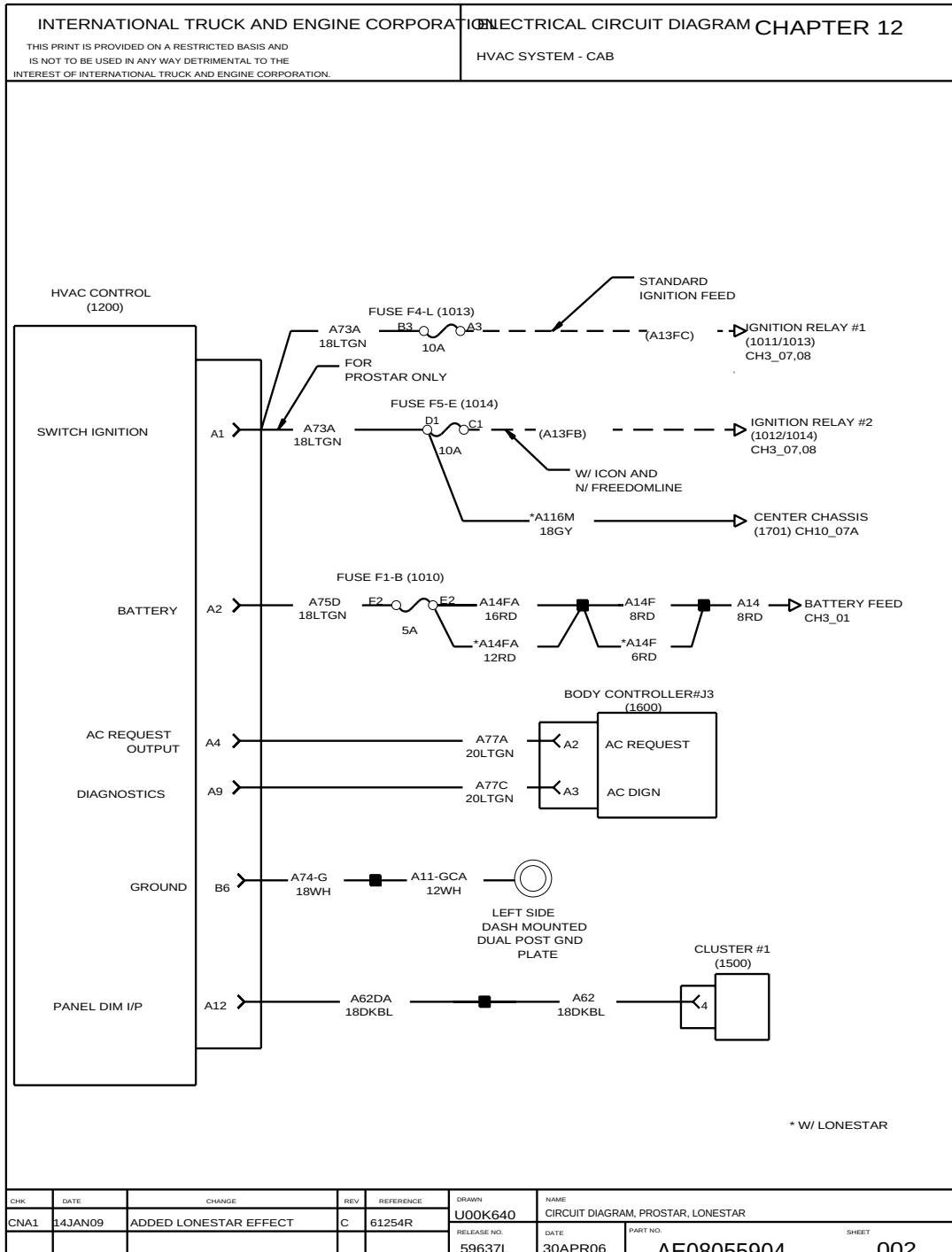


Figure 202 HVAC System — Cab

12.3. HVAC SYSTEM — CAB, P. 3

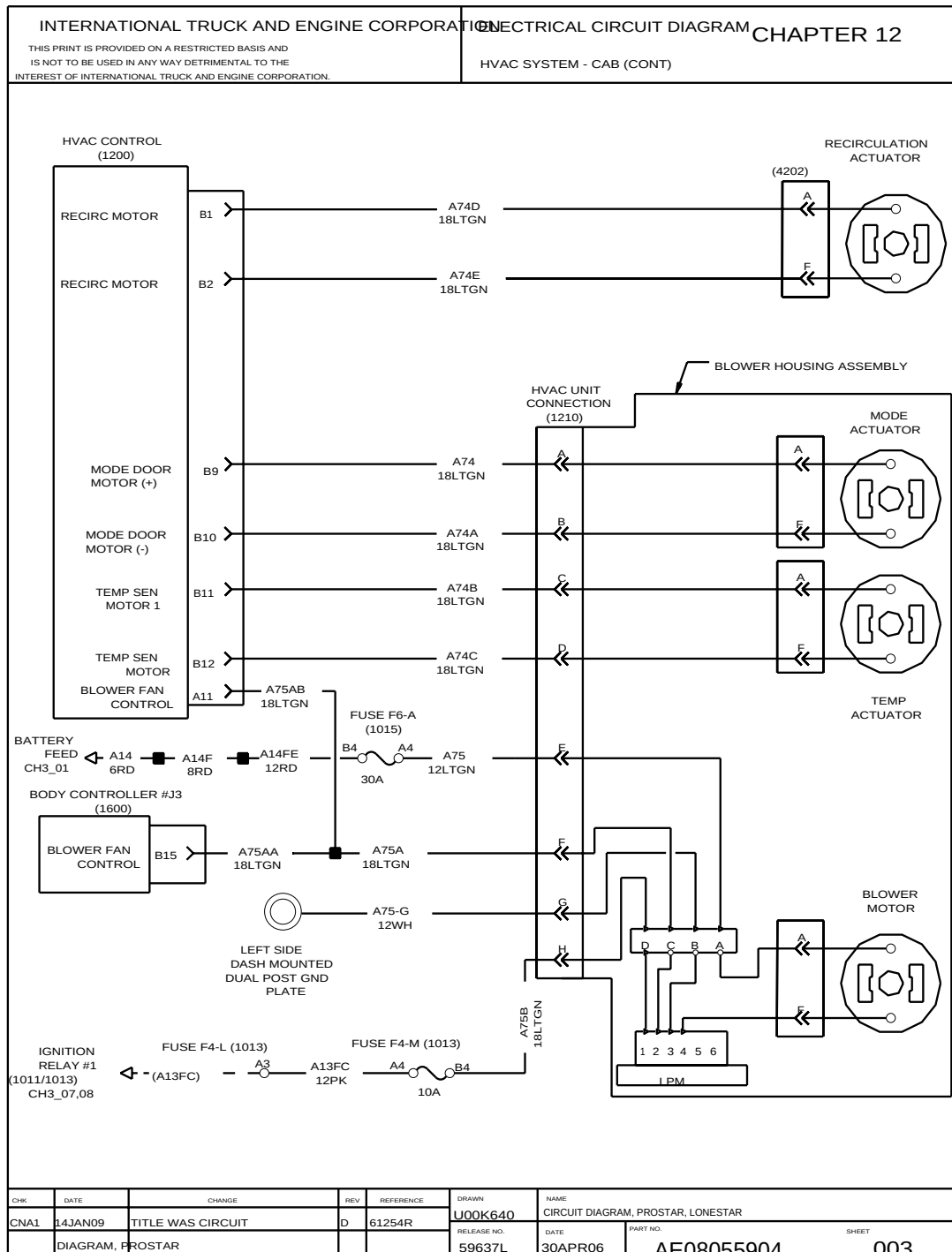


Figure 203 HVAC System — Cab

12.4. HVAC SYSTEM — SLEEPER, P. 4

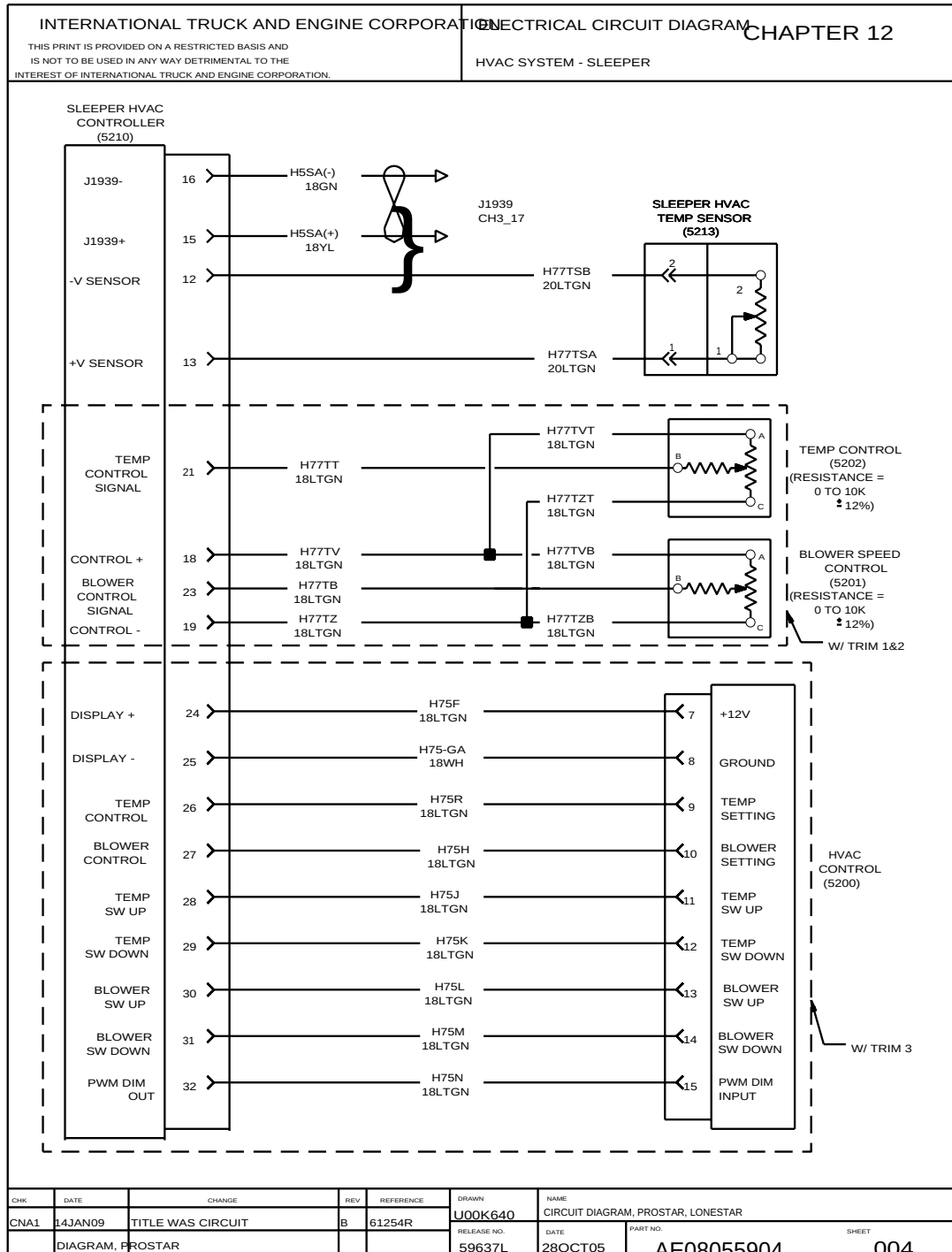


Figure 204 HVAC System — Sleeper

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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12.5. HVAC SYSTEM — SLEEPER, P. 4A

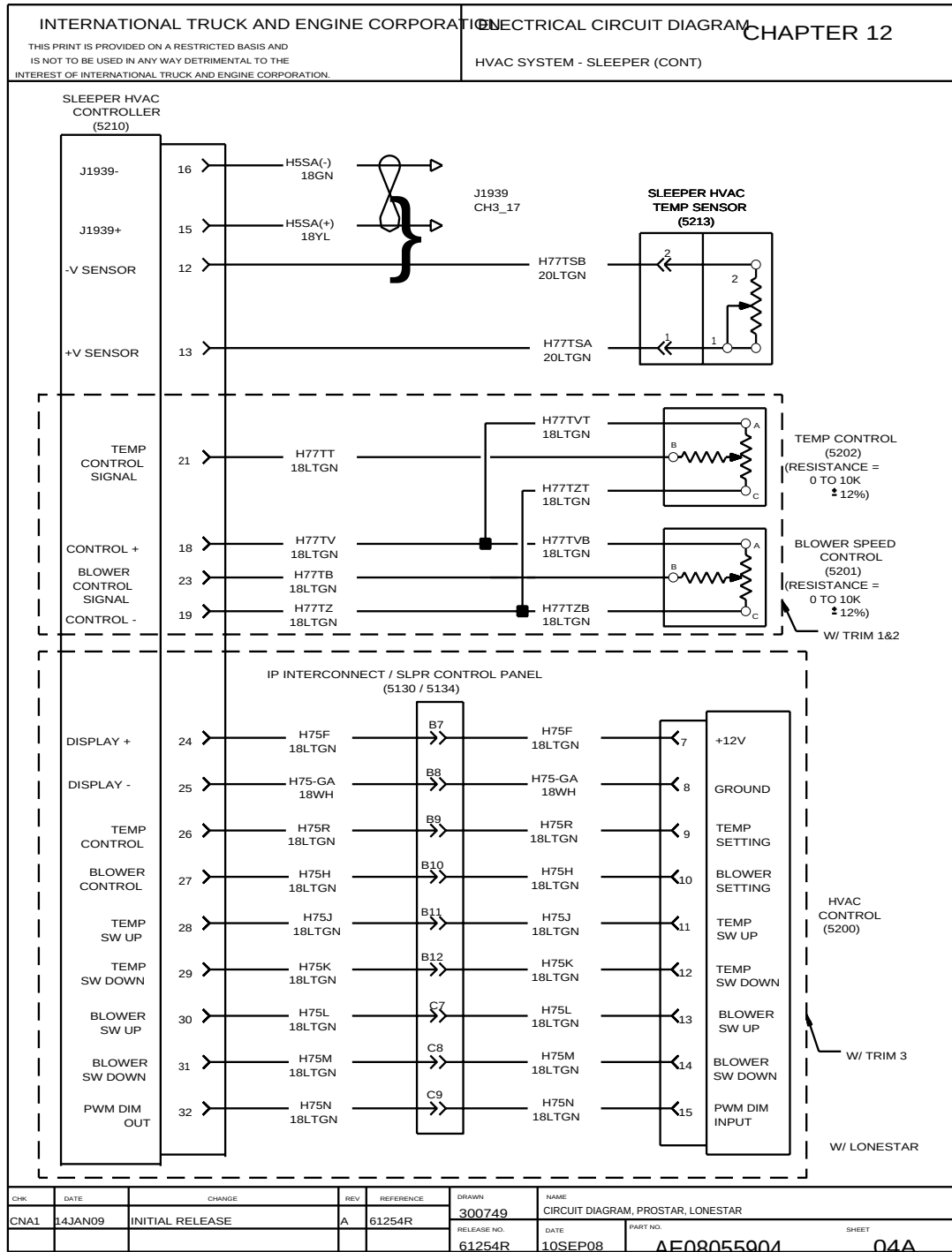


Figure 205 HVAC System — Sleeper

12.7. NO IDLE HEAT AND HVAC — SWITCHES, P. 6

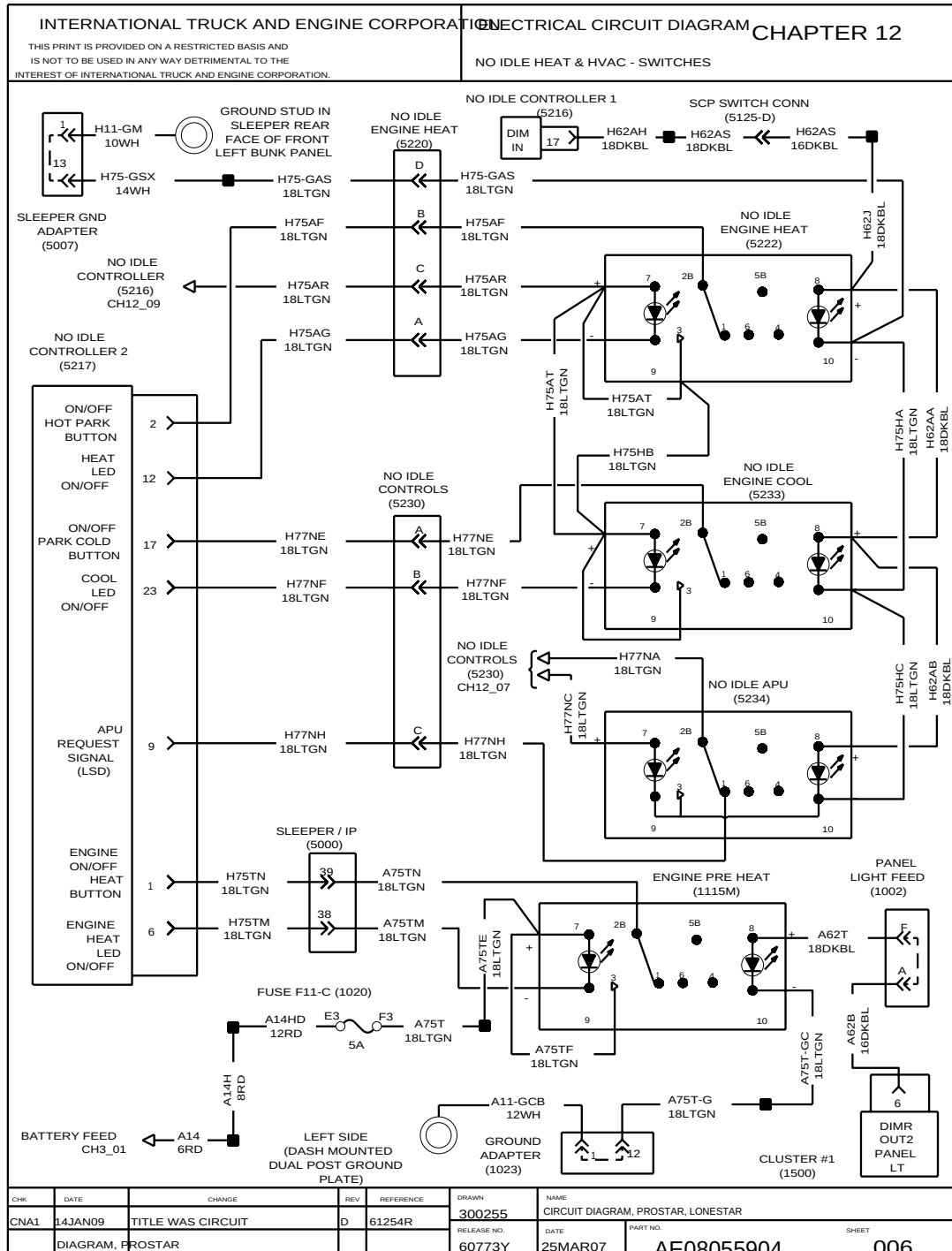


Figure 207 No Idle Heat and HVAC — Switches

12.8. NO IDLE HEAT AND HVAC — APU, P. 7

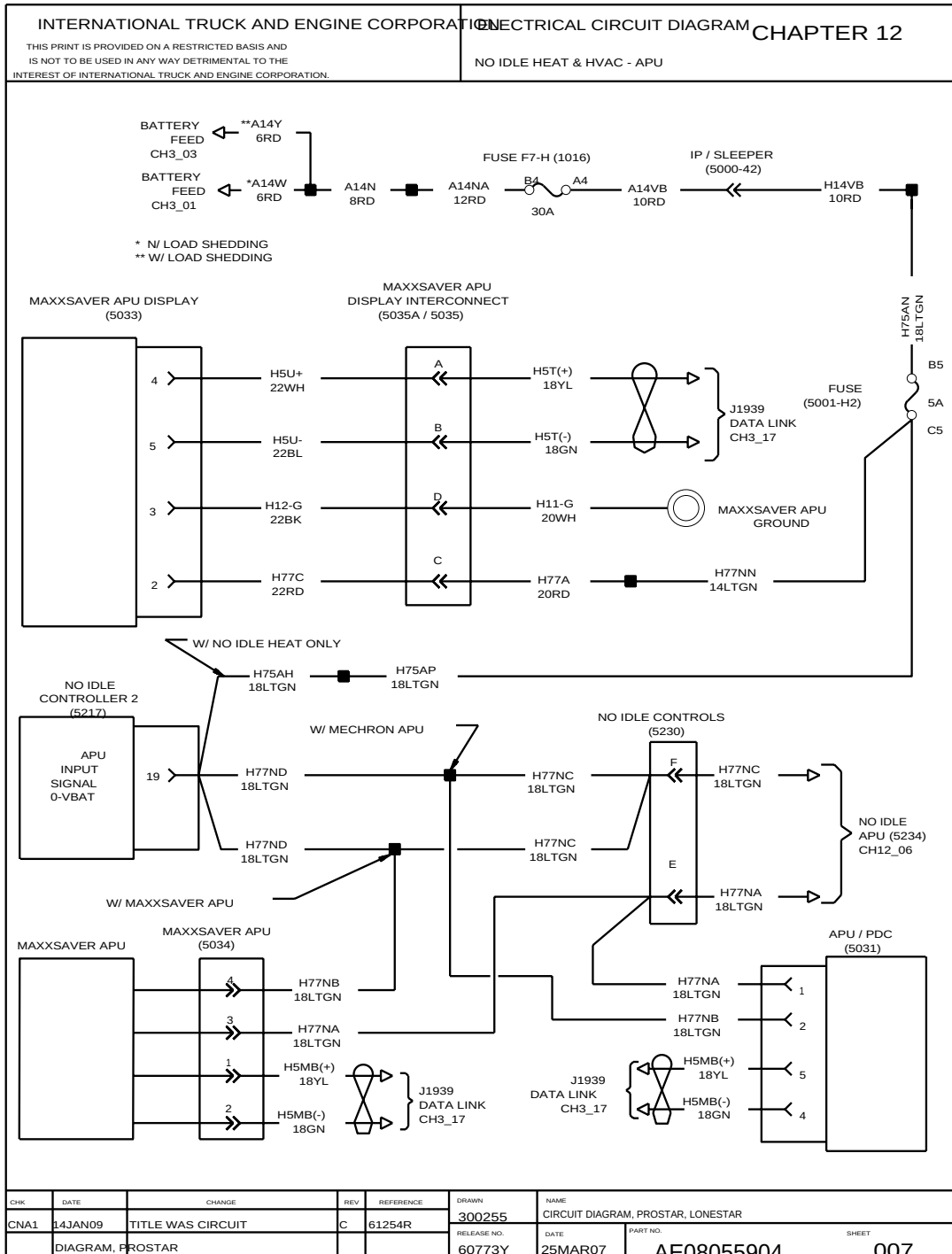


Figure 208 No Idle Heat and HVAC — APU

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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12.9. NO IDLE HEAT AND HVAC — SENSORS AND HVAC CONTROL, P. 8

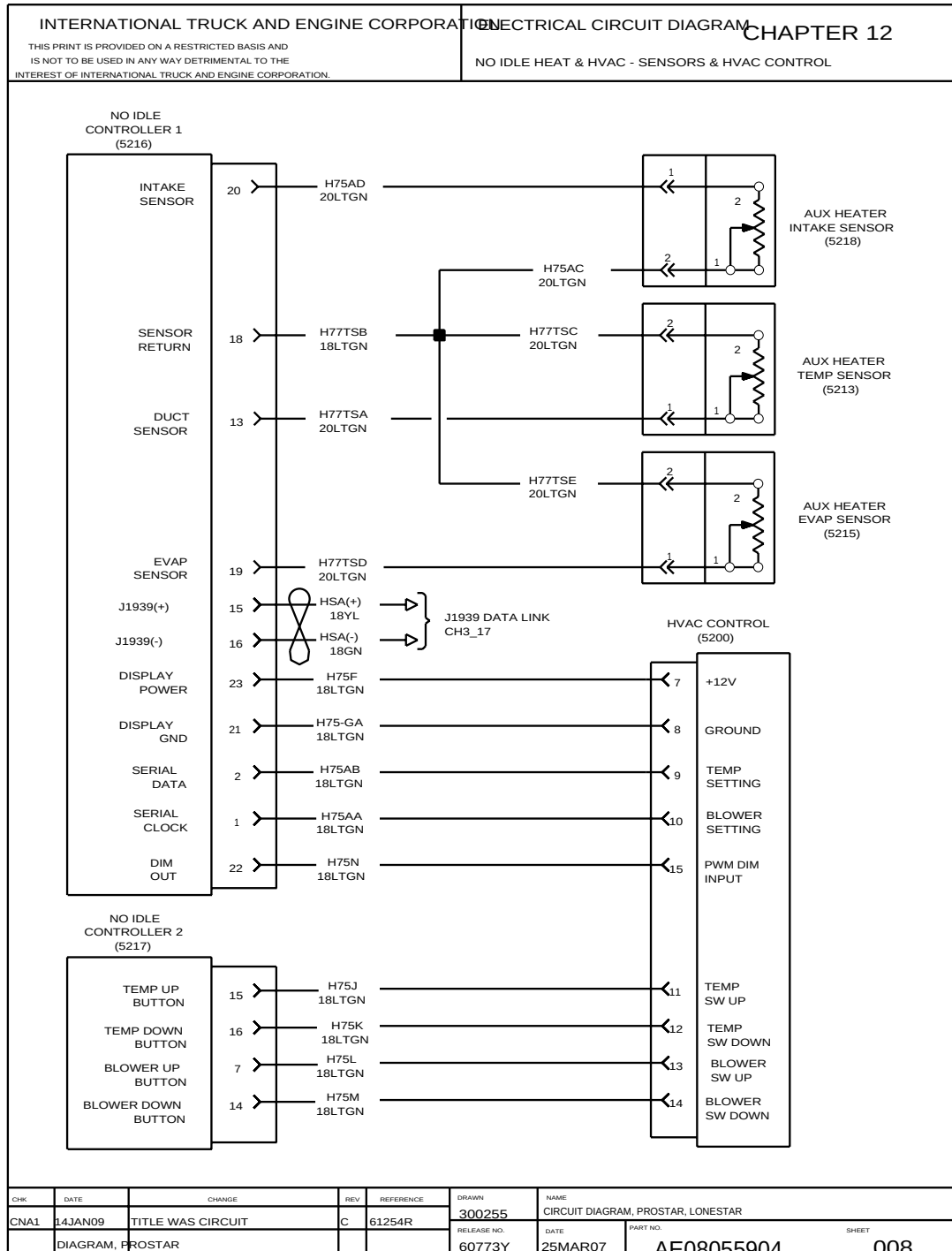


Figure 209 No Idle Heat and HVAC — Sensors and HVAC Control

12.10. NO IDLE HEAT AND HVAC — POWER SUPPLY, P. 9

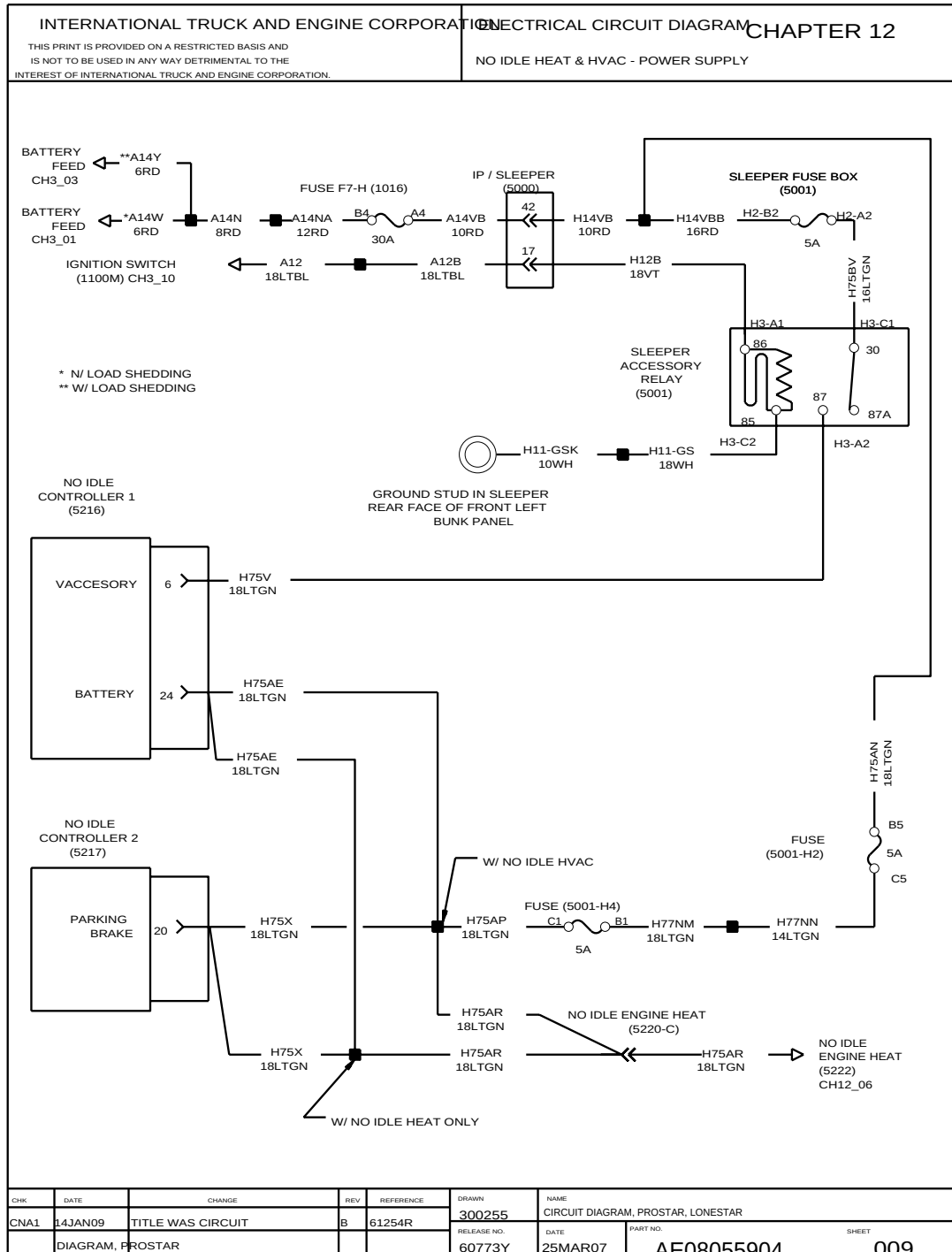


Figure 210 No Idle Heat and HVAC — Power Supply

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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12.11. NO IDLE HEAT AND HVAC — HEAT VALVE, LPM AND BLEND MOTOR, P. 10

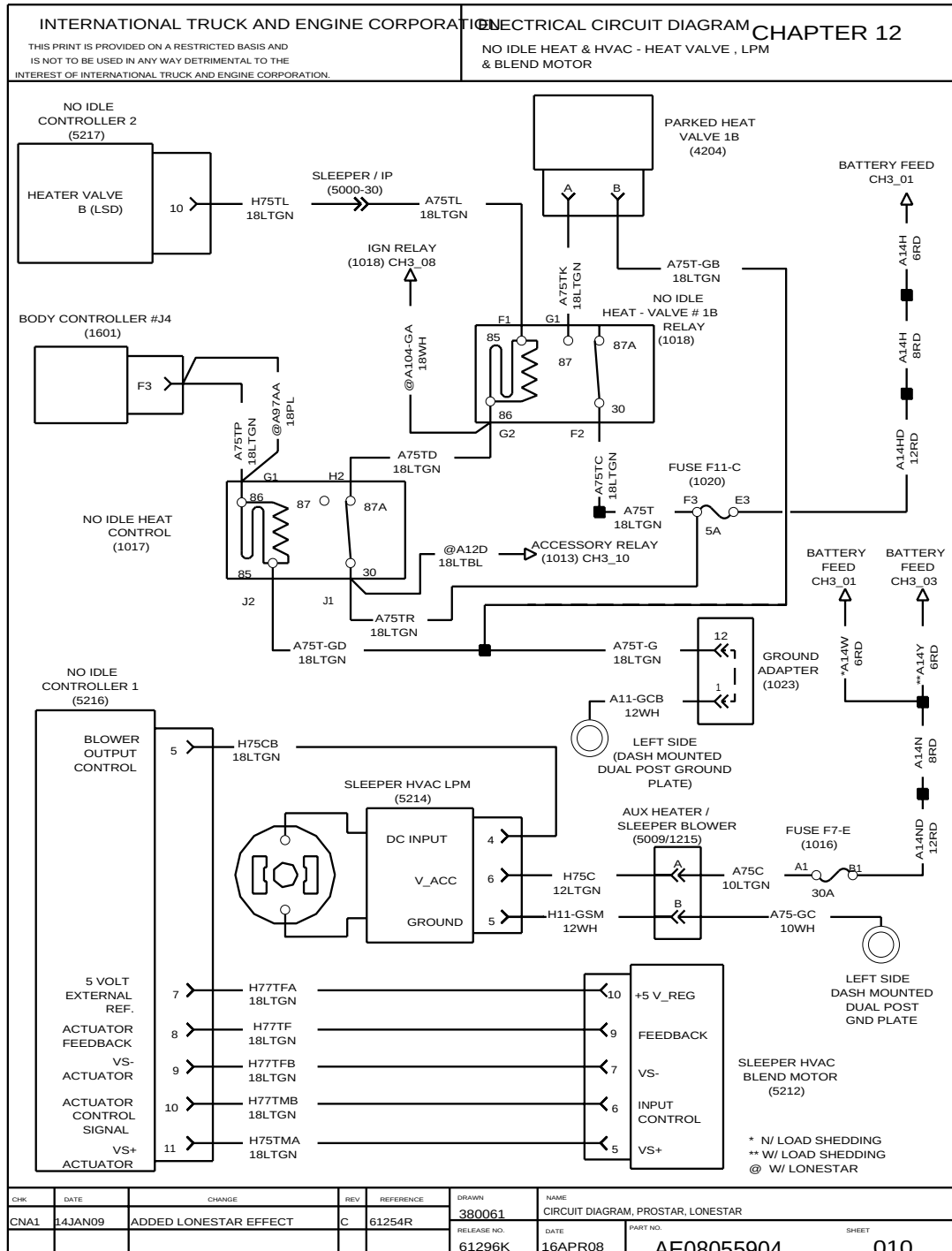


Figure 211 No Idle Heat and HVAC — Heat Valve, LPM and Blend Motor

12.12. NO IDLE HEAT AND HVAC — FUEL FIRED HEATER AND A/C COMPRESSOR, P. 11

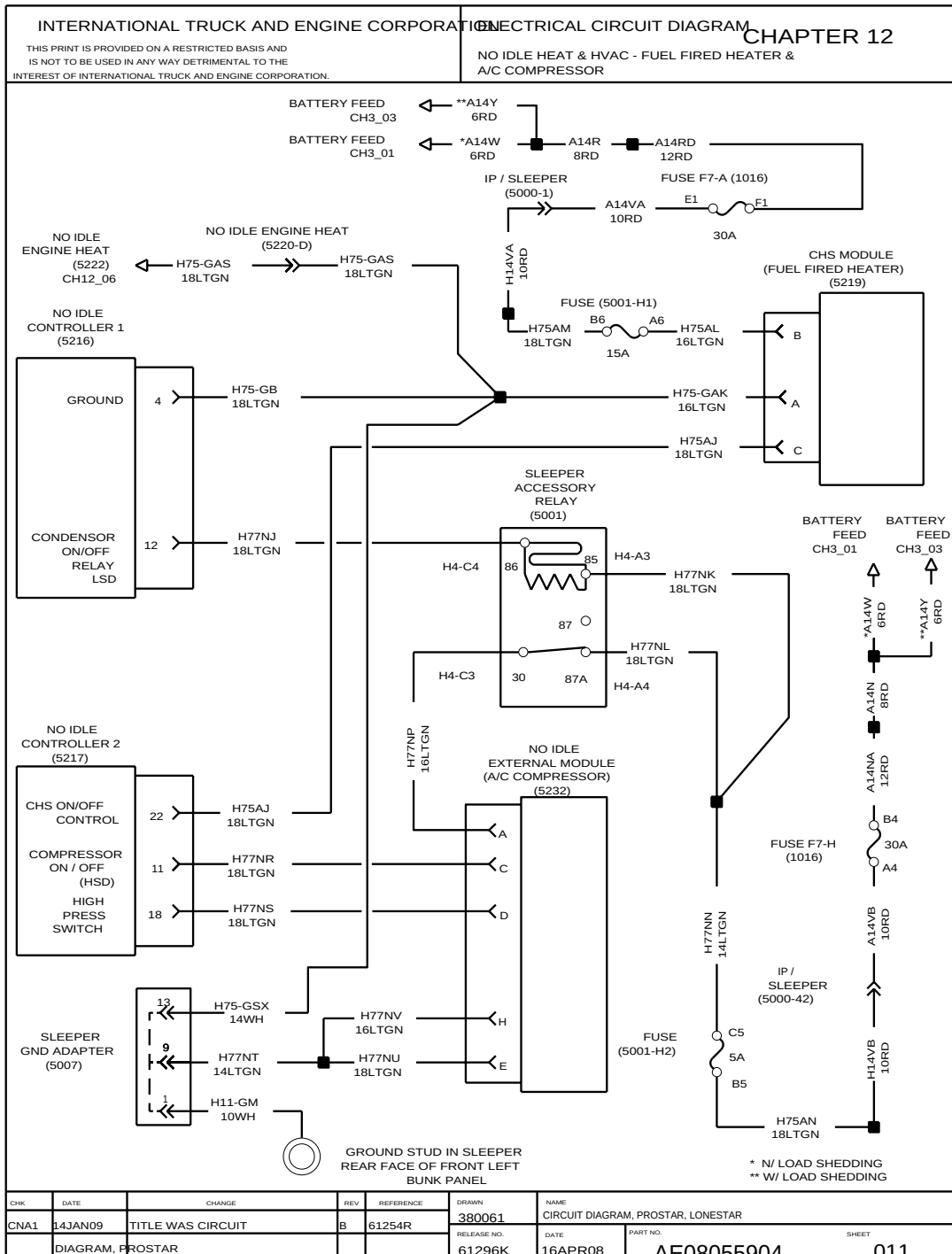


Figure 212 No Idle Heat and HVAC — Fuel Fired Heater and A/C Compressor

12.13. NO IDLE HEATER, WEBASTO IN CAB FUEL FIRED HEATER W/LVD, P. 12

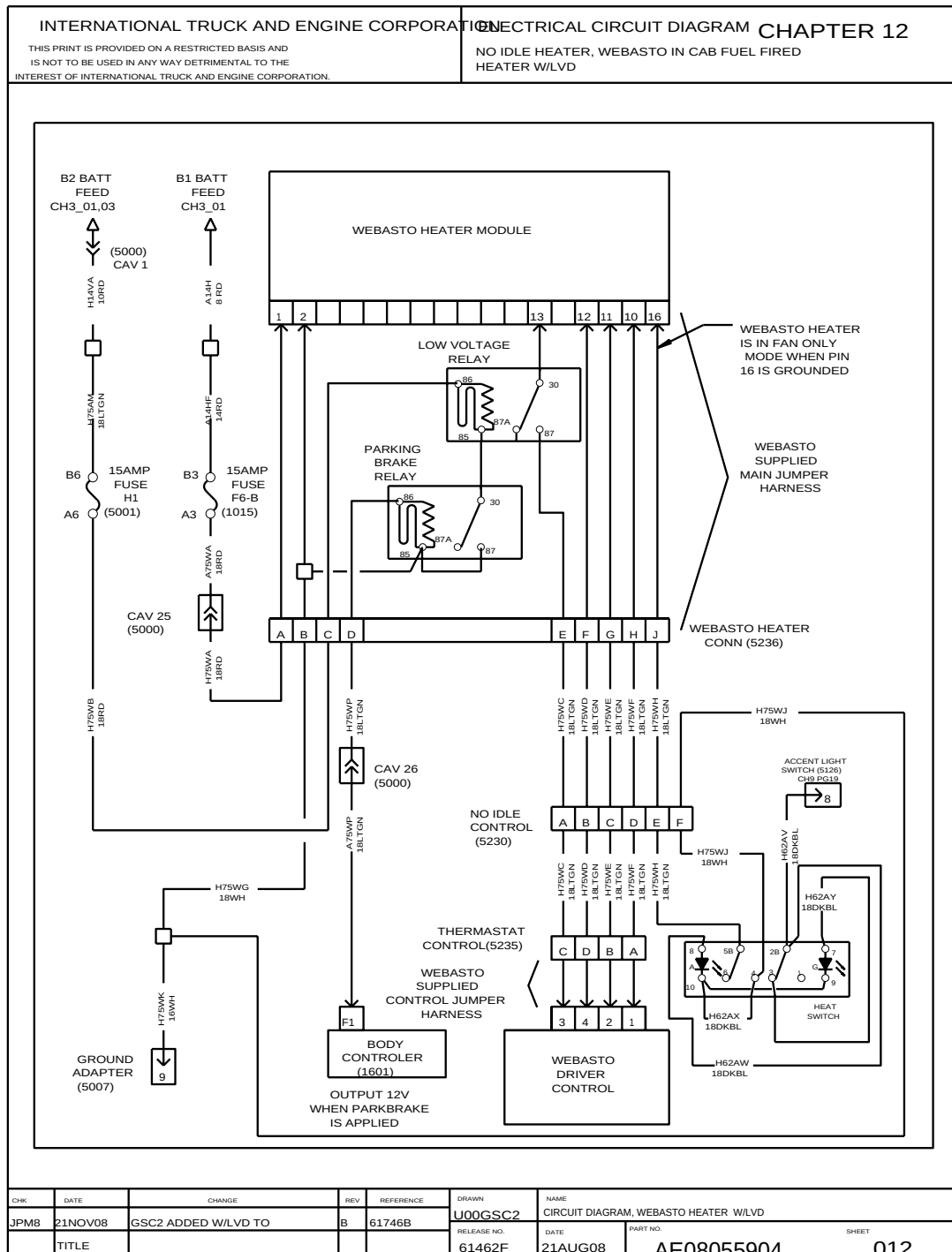


Figure 213 No Idle Heater, Webasto in Cab Fuel Fired Heater w/LVD

12.14. NO IDLE HEATER, ESPAR IN CAB FUEL FIRED HEATER, P. 13

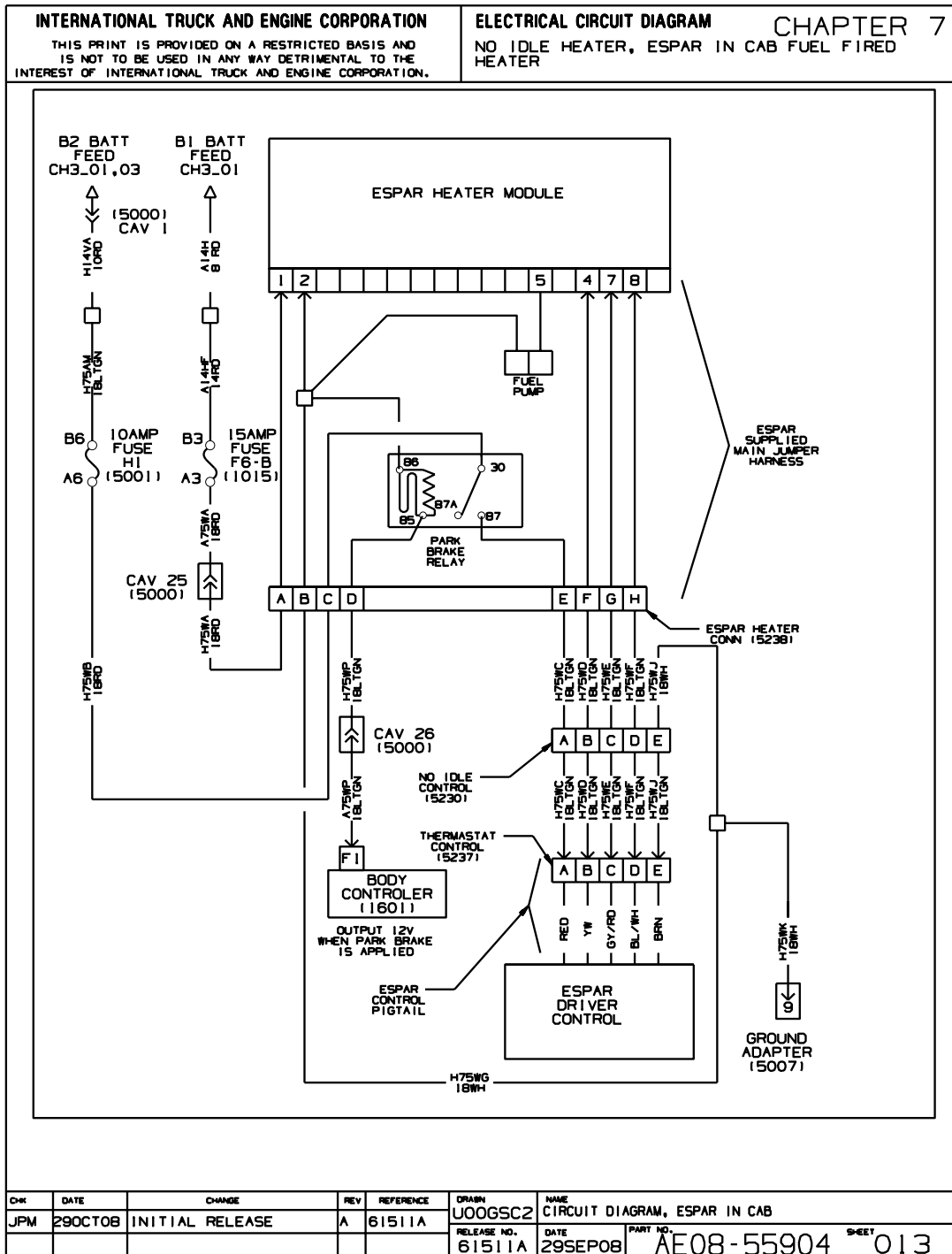


Figure 214 No Idle Heater, Espar in Cab Fuel Fired Heater

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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12.15. HVAC SYSTEM — SLEEPER W/BERGSTROM NO IDLE, P. 14

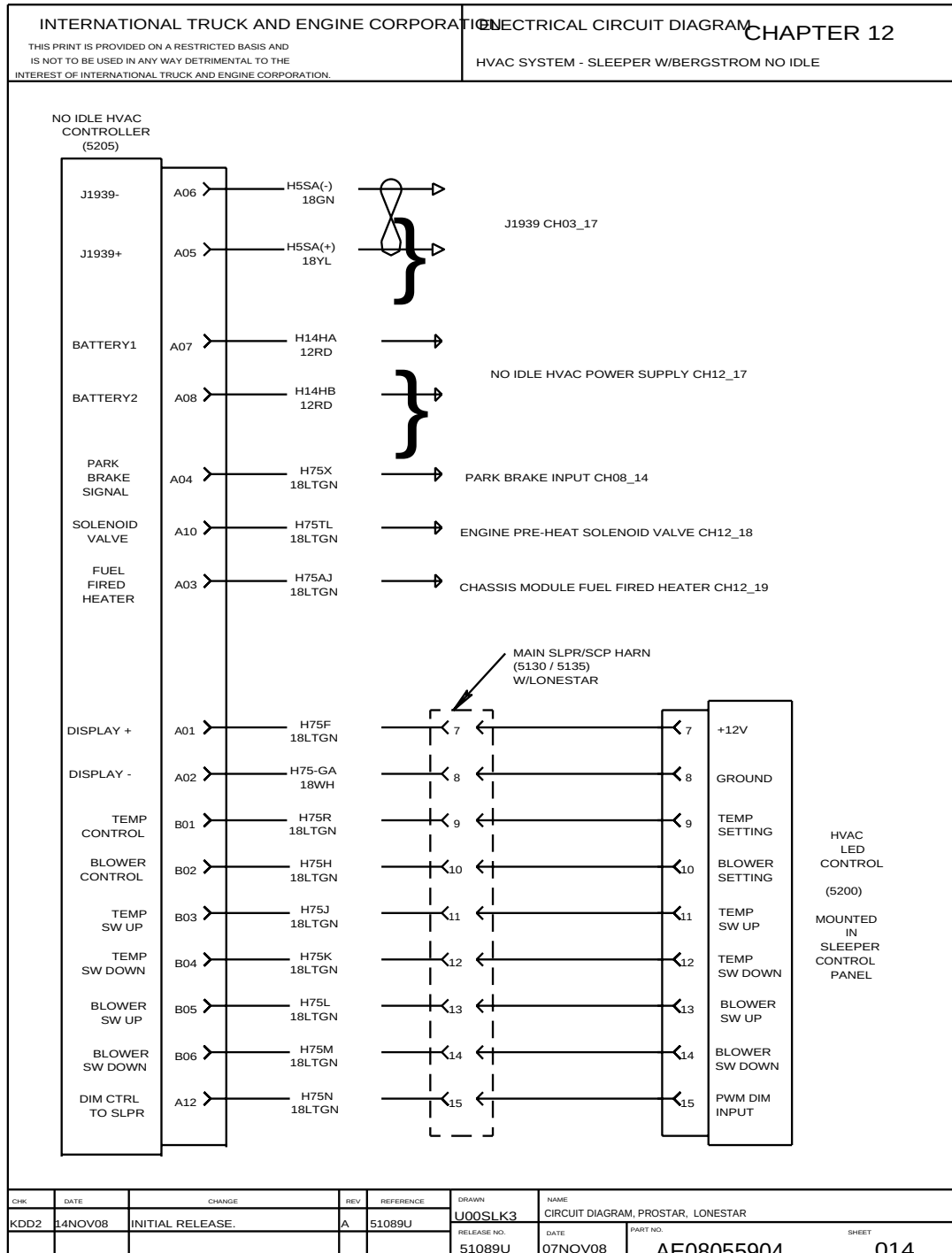


Figure 215 HVAC System — Sleeper w/Bergstrom No Idle

12.16. NO IDLE HVAC W/BERGSTROM HVAC SWITCHES — LOCATED IN SLEEPER CONTROL PANEL, P. 15

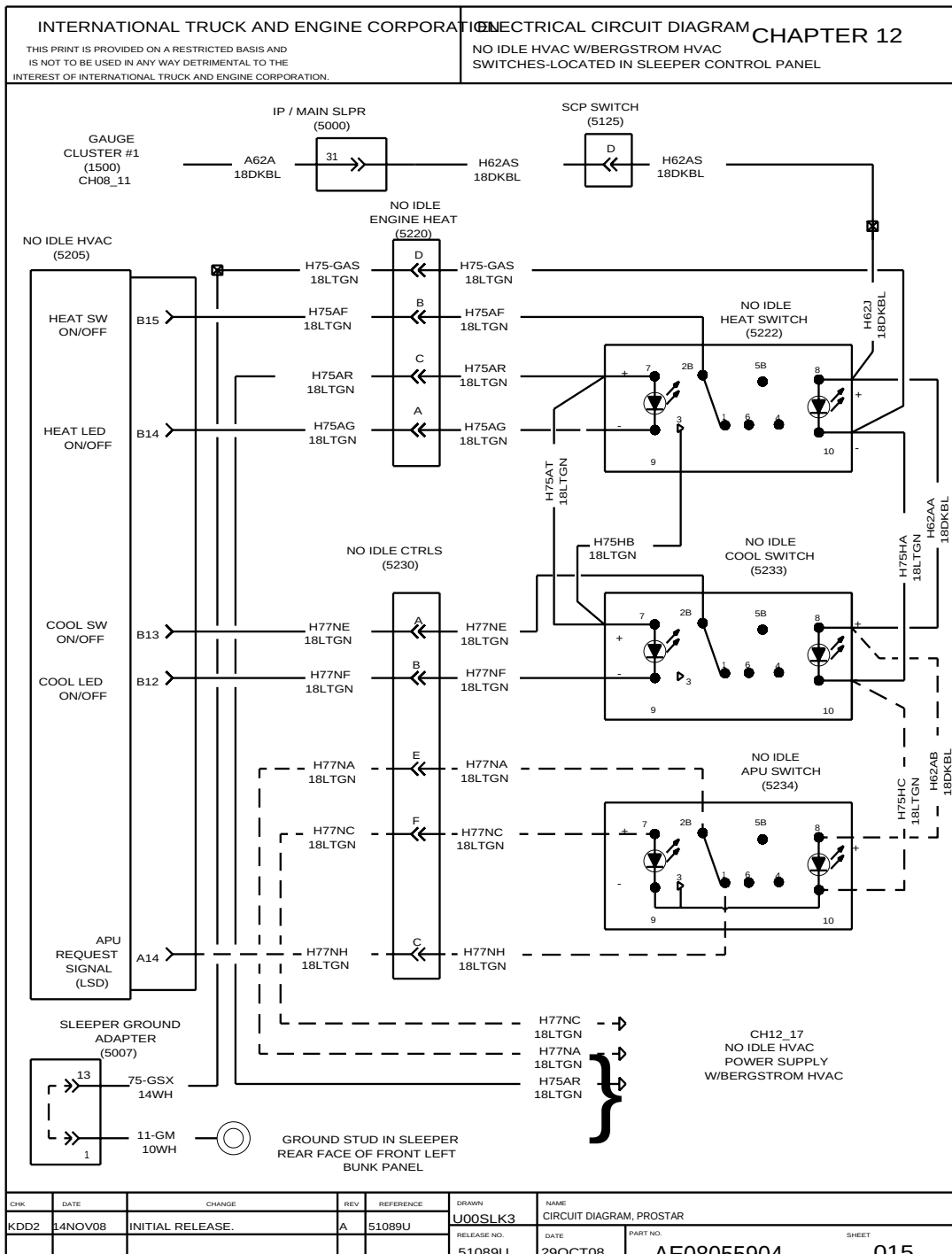


Figure 216 No Idle HVAC w/Bergstrom HVAC Switches — Located in Sleeper Control Panel

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS

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12.17. NO IDLE HVAC W/BERGSTROM HVAC SWITCHES — LOCATED IN SLEEPER CONTROL PANEL, P. 16

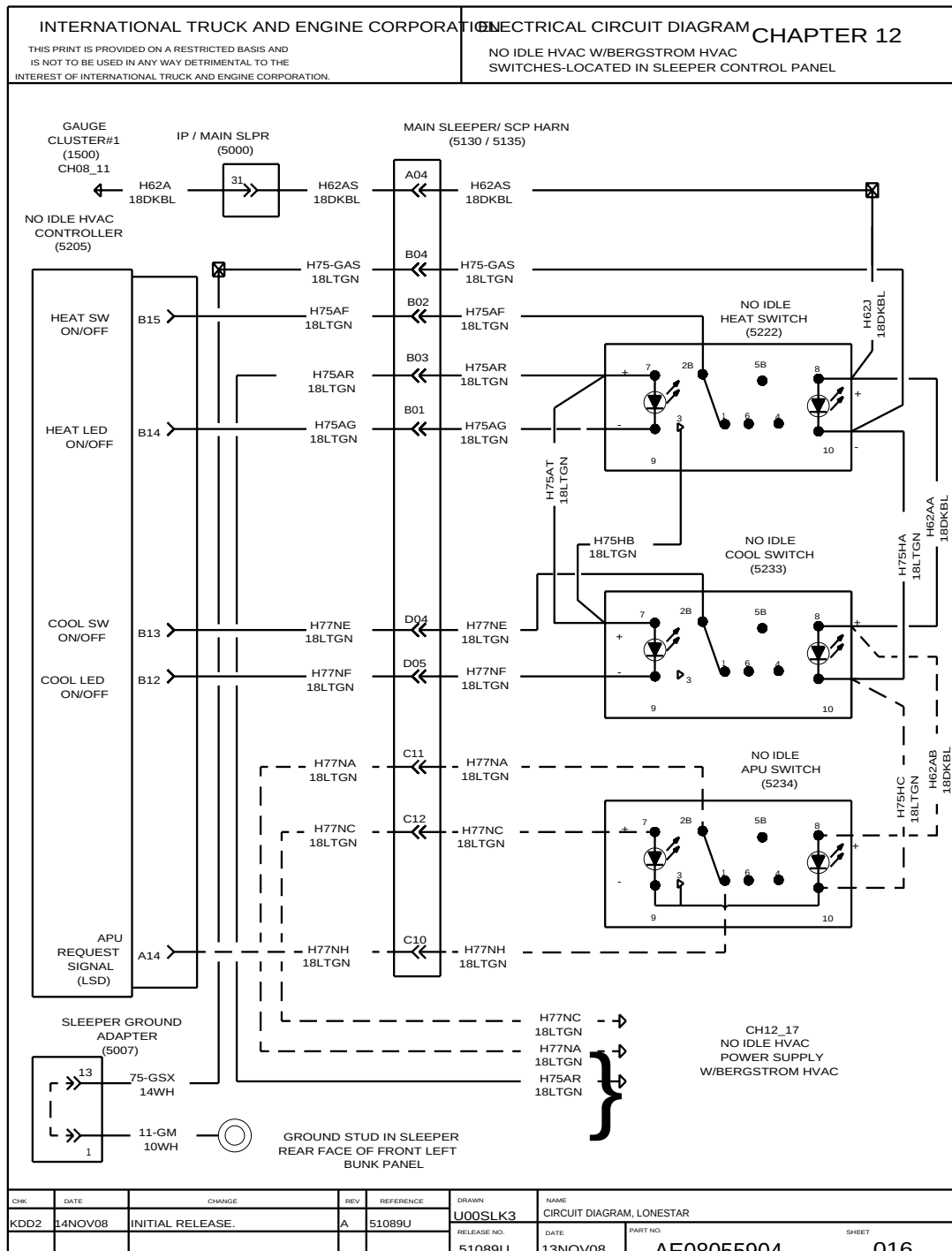


Figure 217 No Idle HVAC w/Bergstrom HVAC Switches — Located in Sleeper Control Panel

12.18. NO IDLE HVAC W/BERGSTROM HVAC POWER SUPPLY, P. 17

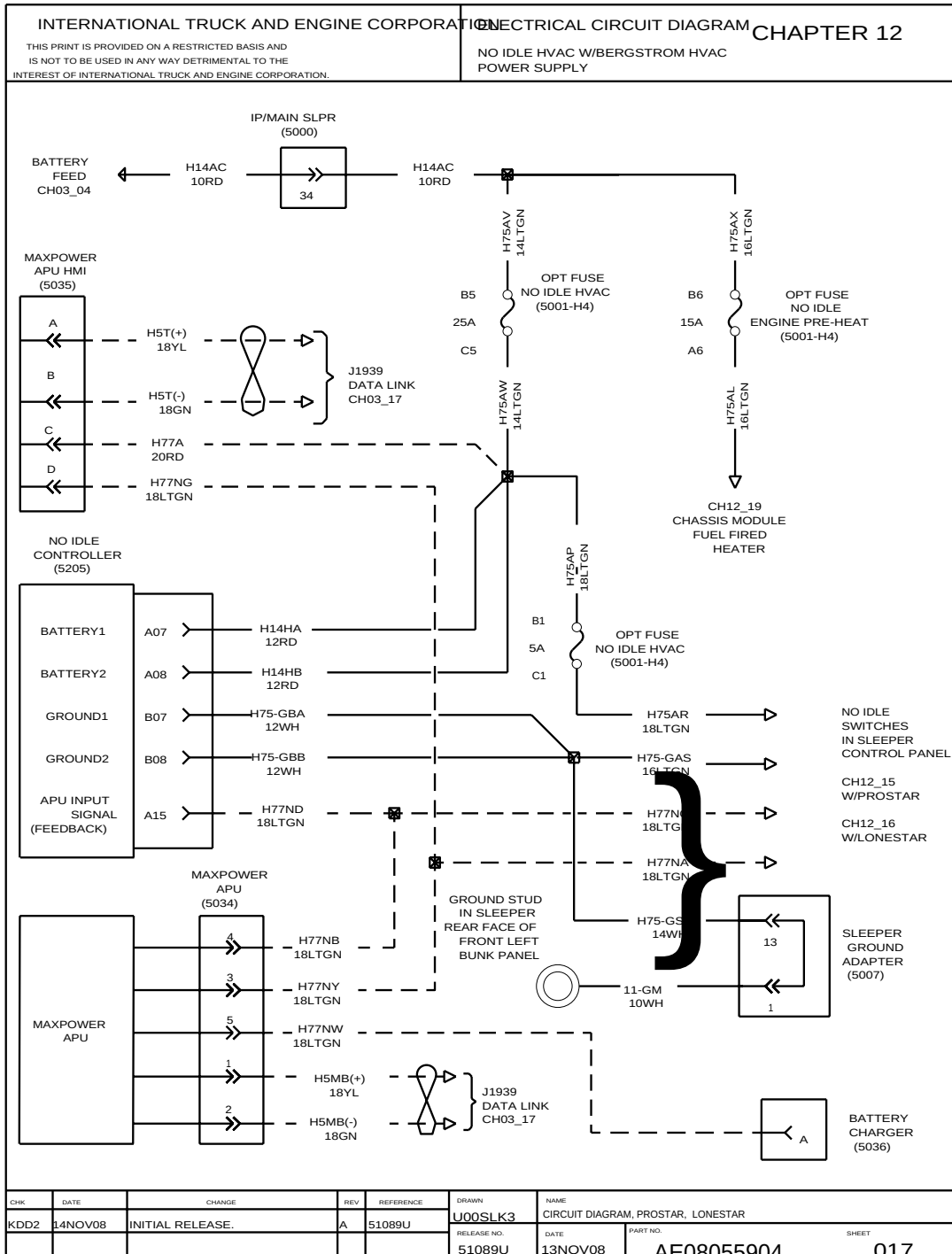


Figure 218 No Idle HVAC w/Bergstrom HVAC Power Supply

12.19. NO IDLE HVAC W/BERGSTROM ENGINE PRE-HEAT VALVE, P. 18

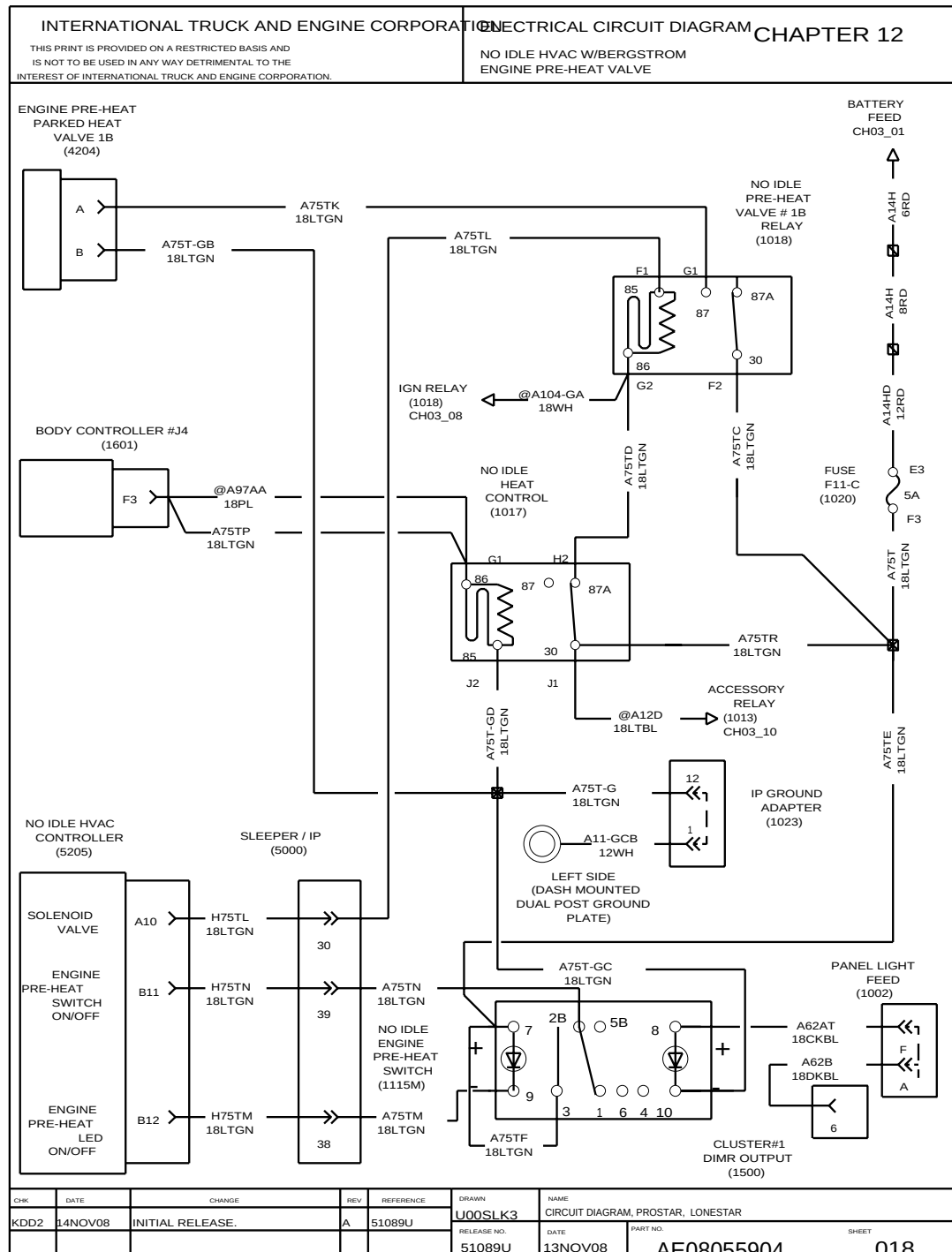


Figure 219 No Idle HVAC w/Bergstrom Engine Pre-Heat Valve

12.20. NO IDLE HVAC W/BERGSTROM FUEL FIRED HEATER, P. 19

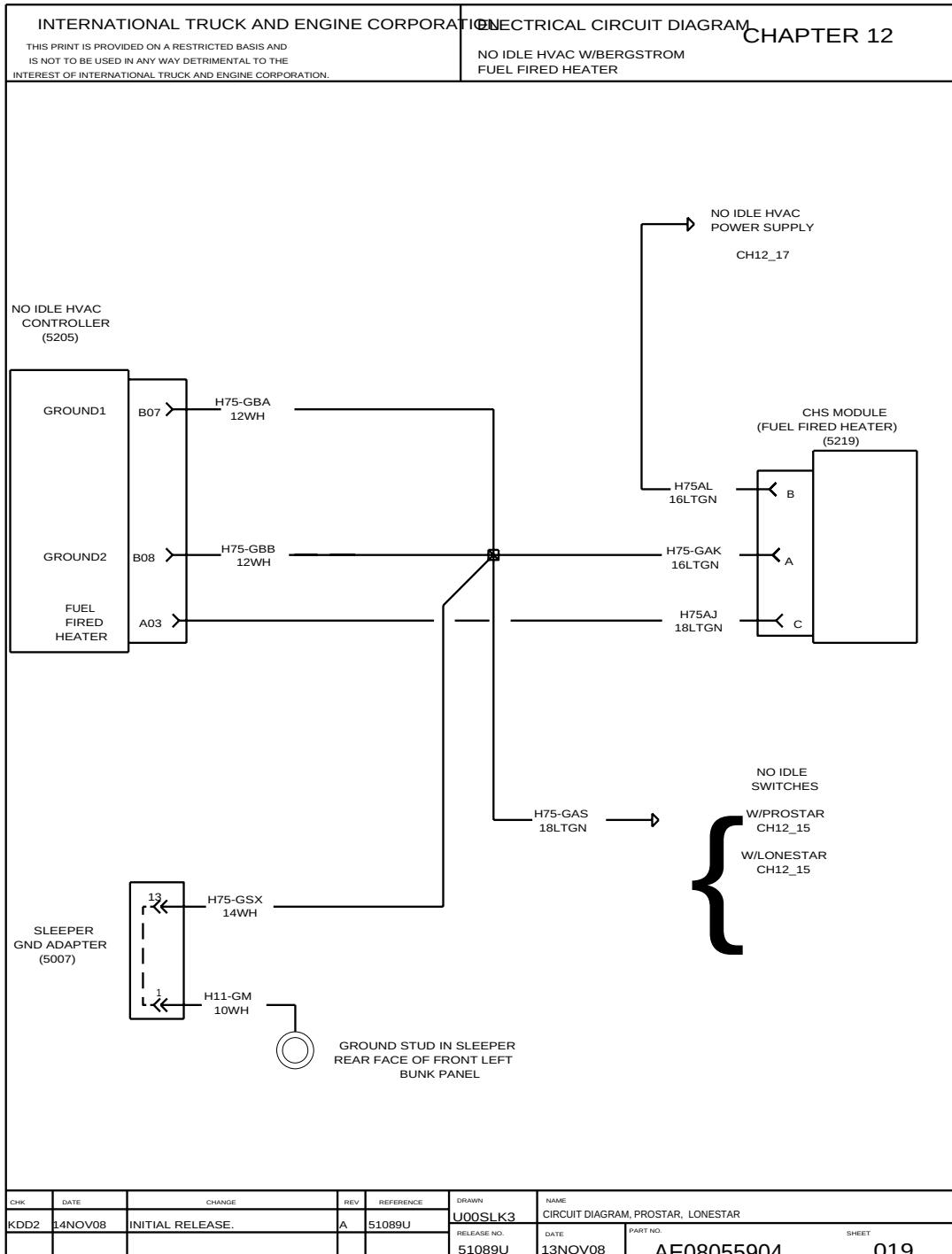


Figure 220 No Idle HVAC w/Bergstrom Fuel Fired Heater

12.21. NO IDLE HEATER, WEBASTO IN CAB FUEL FIRED HEATER N/LVD, P. 21

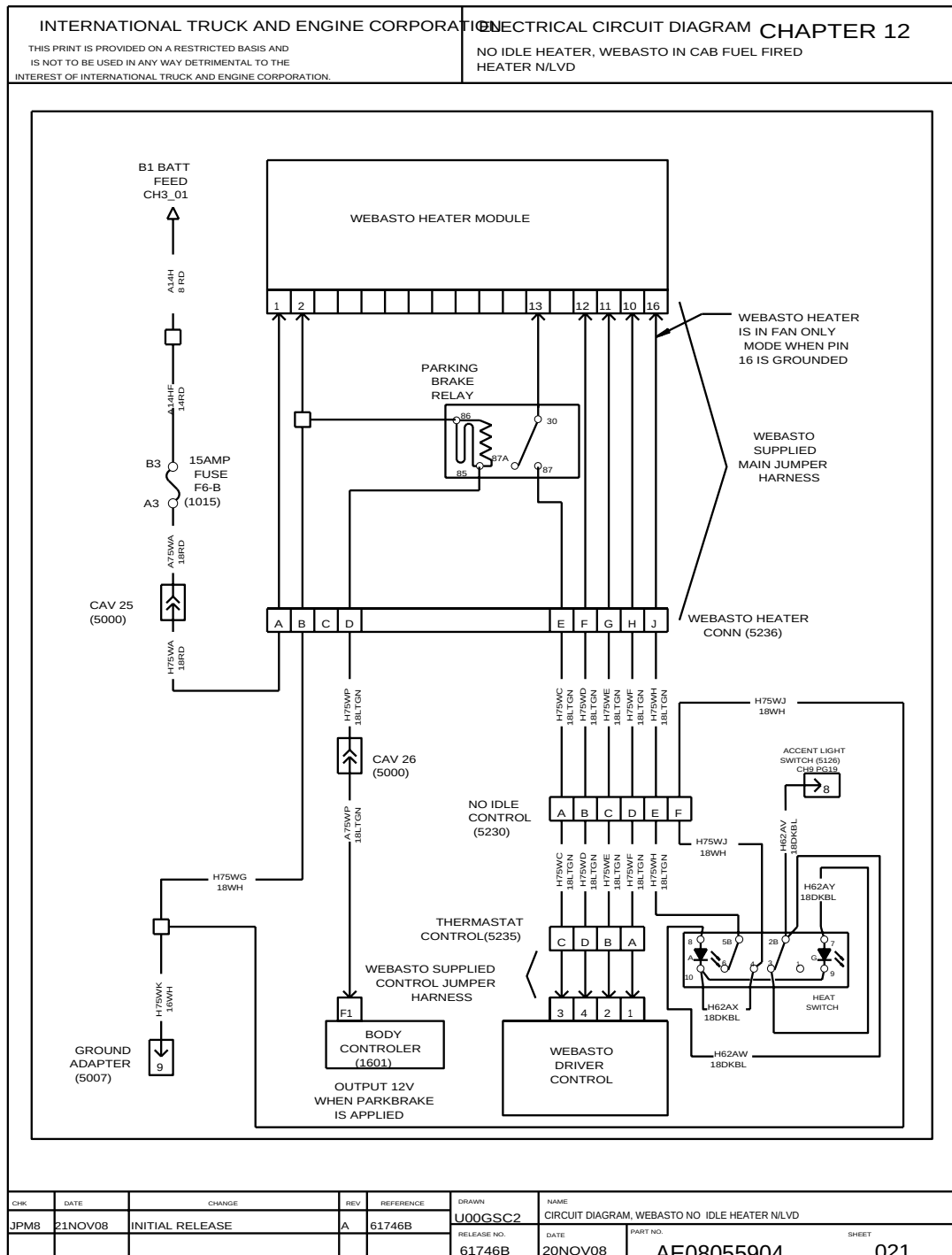


Figure 221 No Idle Heater, Webasto in Cab Fuel Fired Heater n/LVD

13. BUNK LIGHTS AND ACCESSORIES (CHAPTER 13)

13.1. READING AND WARDROBE LIGHTS — BUNK, P. 1

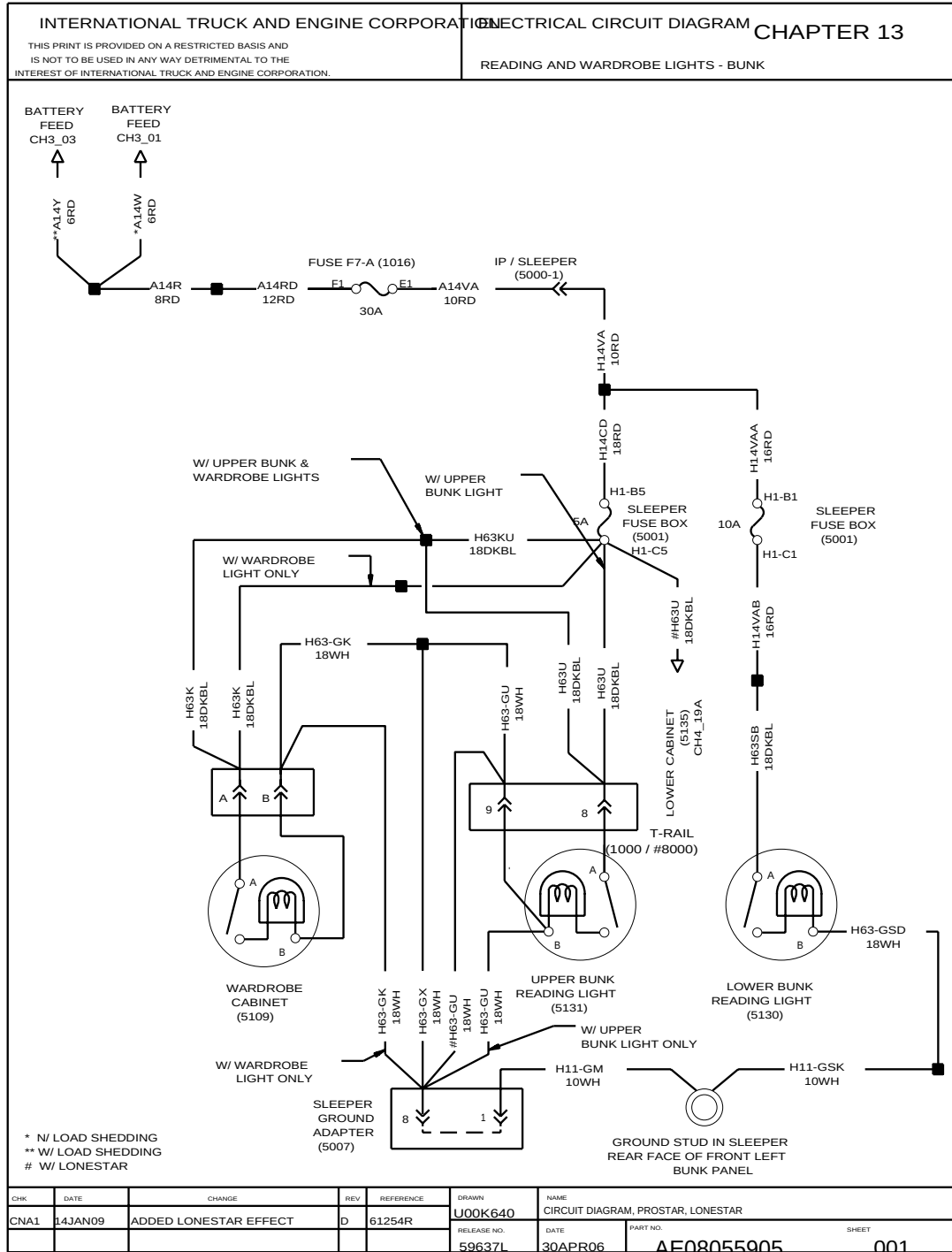


Figure 222 Reading and Wardrobe Lights — Bunk

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.2. LUGGAGE COMPARTMENT LIGHTS — BUNK, P. 2

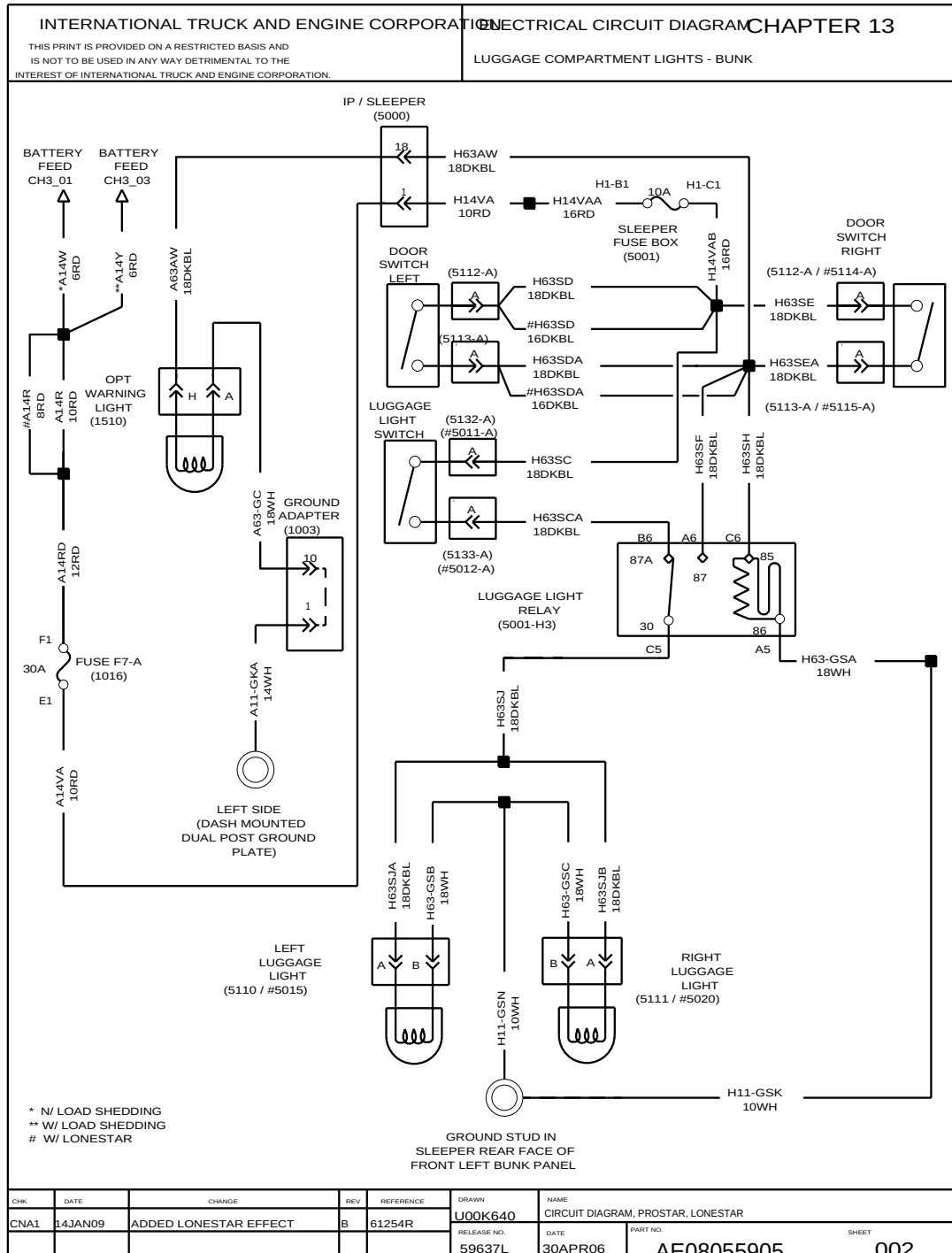


Figure 223 Luggage Compartment Lights — Bunk

13.3. POWER SOURCE — BUNK, P. 3

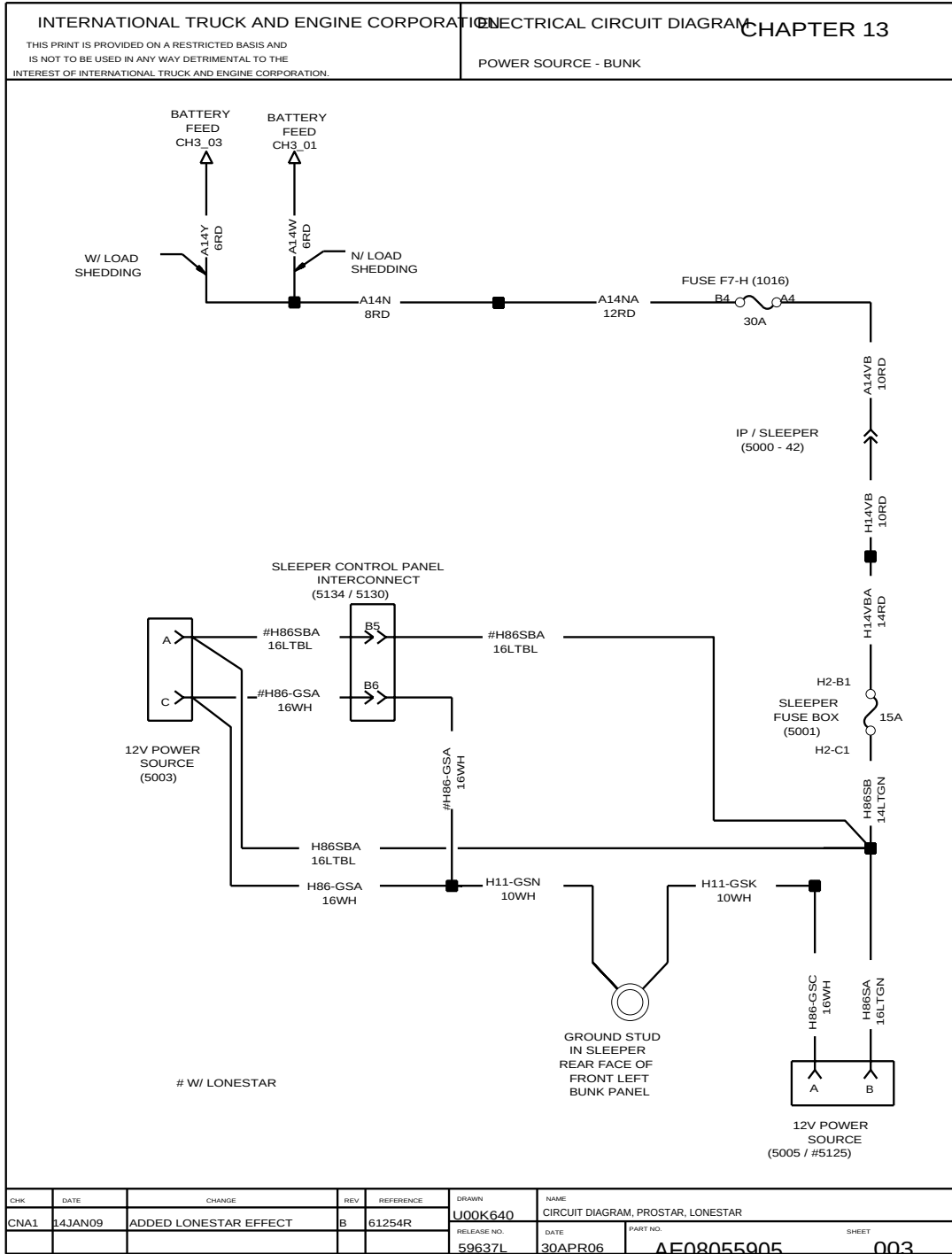


Figure 224 Power Source — Bunk

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.4. TV / REFRIGERATOR WIRING, P. 4

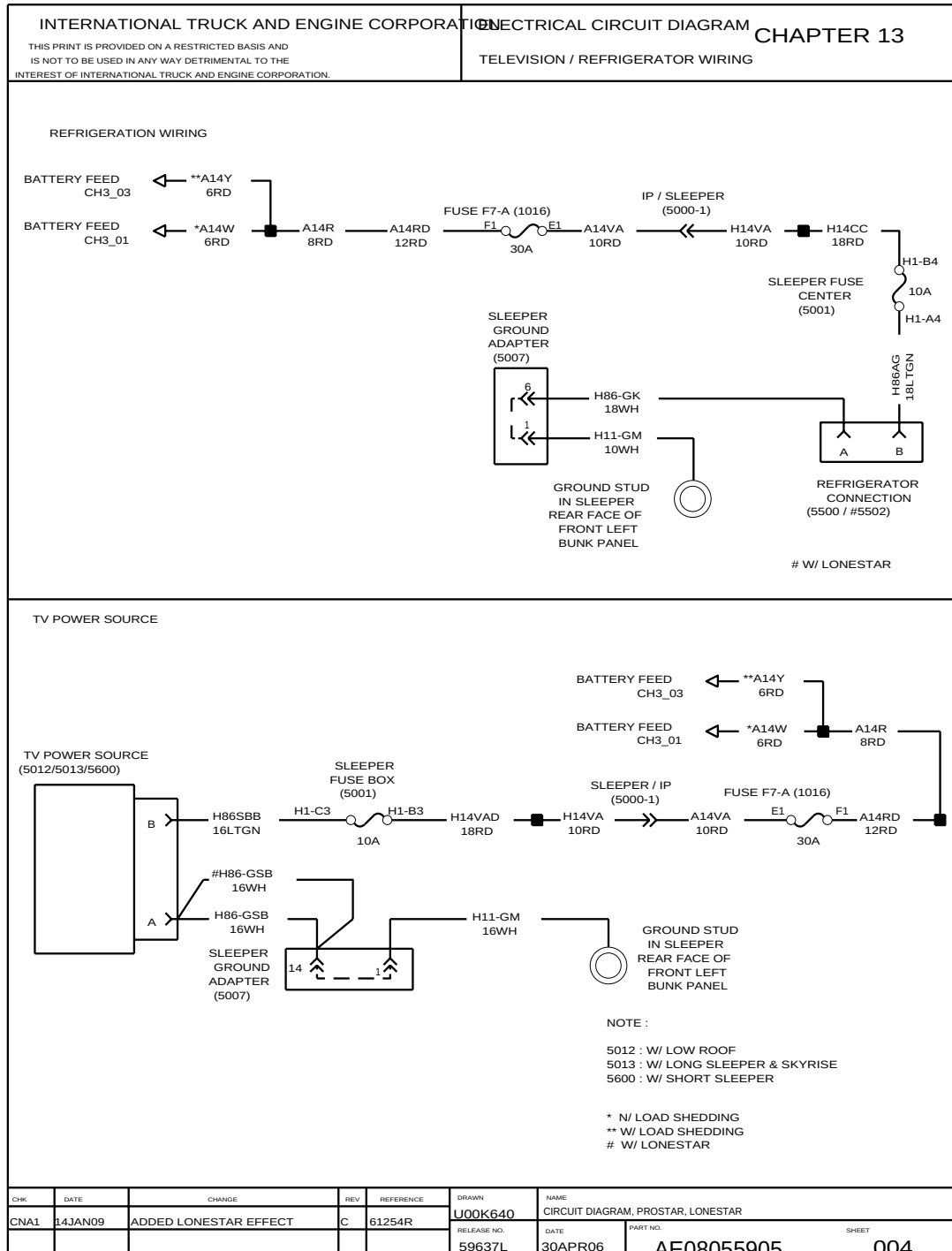
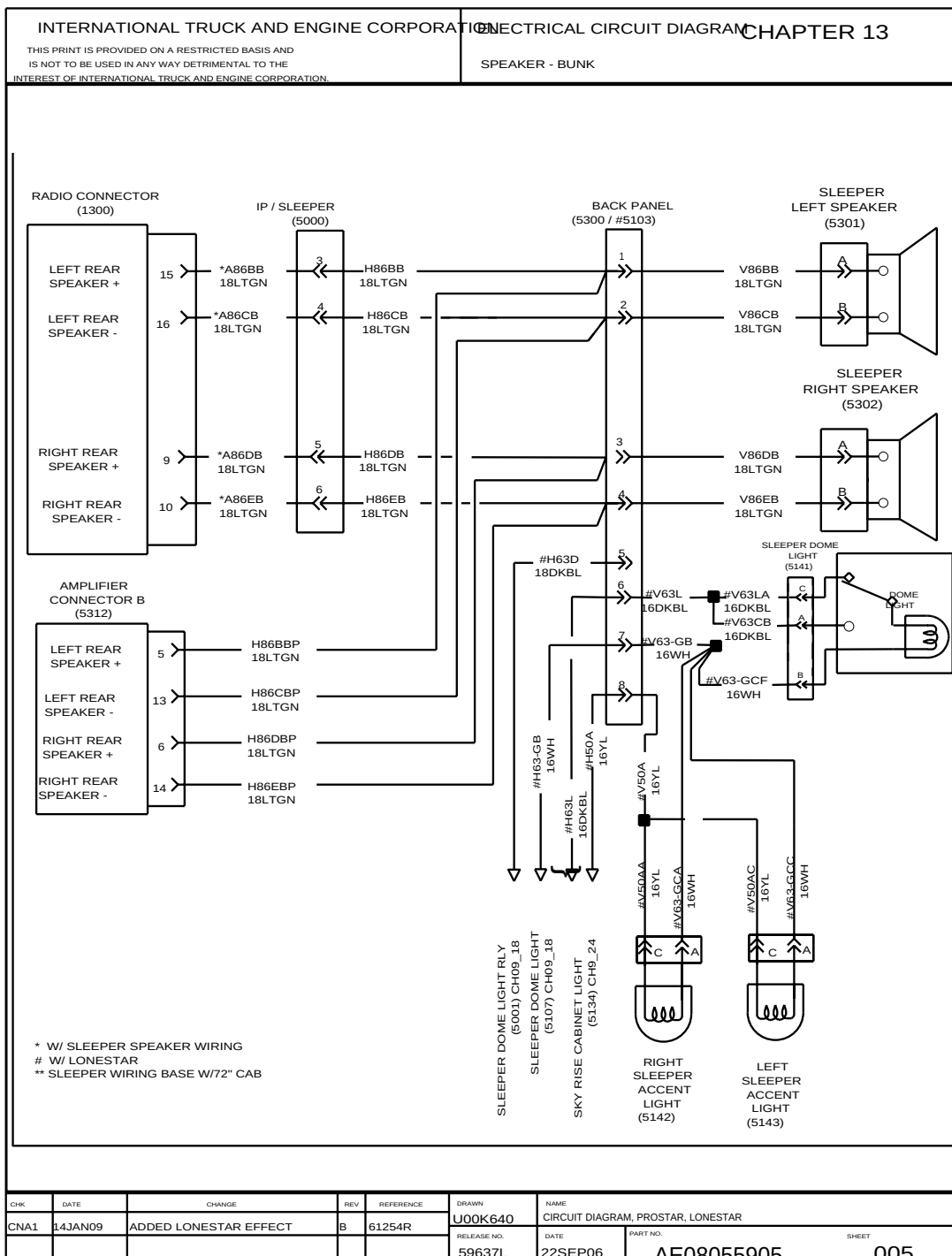


Figure 225 TV / Refrigerator Wiring

13.5. SPEAKER — BUNK, P. 5

Figure 226 Speaker — Bunk

13.6. FAN — BUNK, P. 6

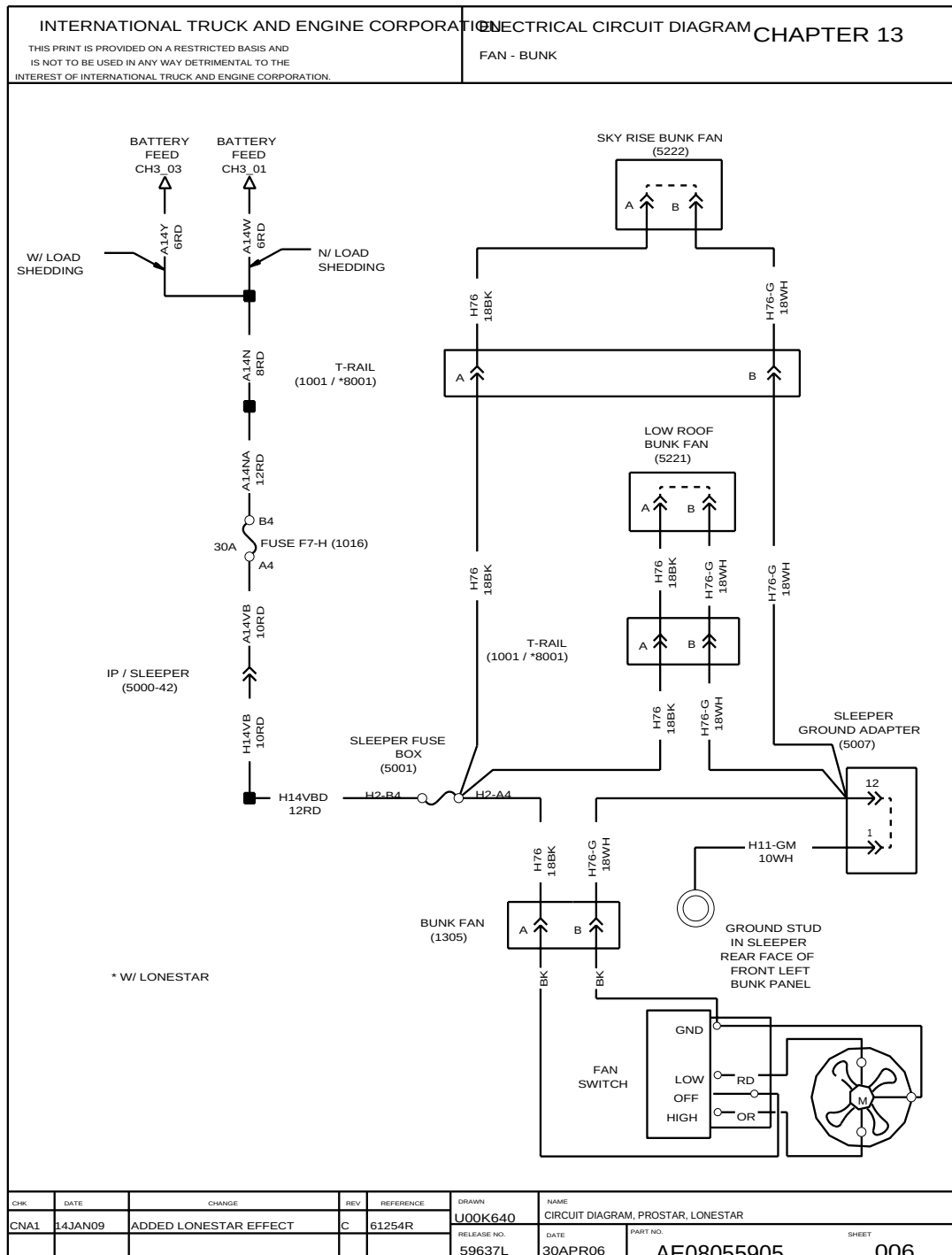


Figure 227 Fan — Bunk

13.7. SKY RISE LIGHTS — BUNK, P. 7

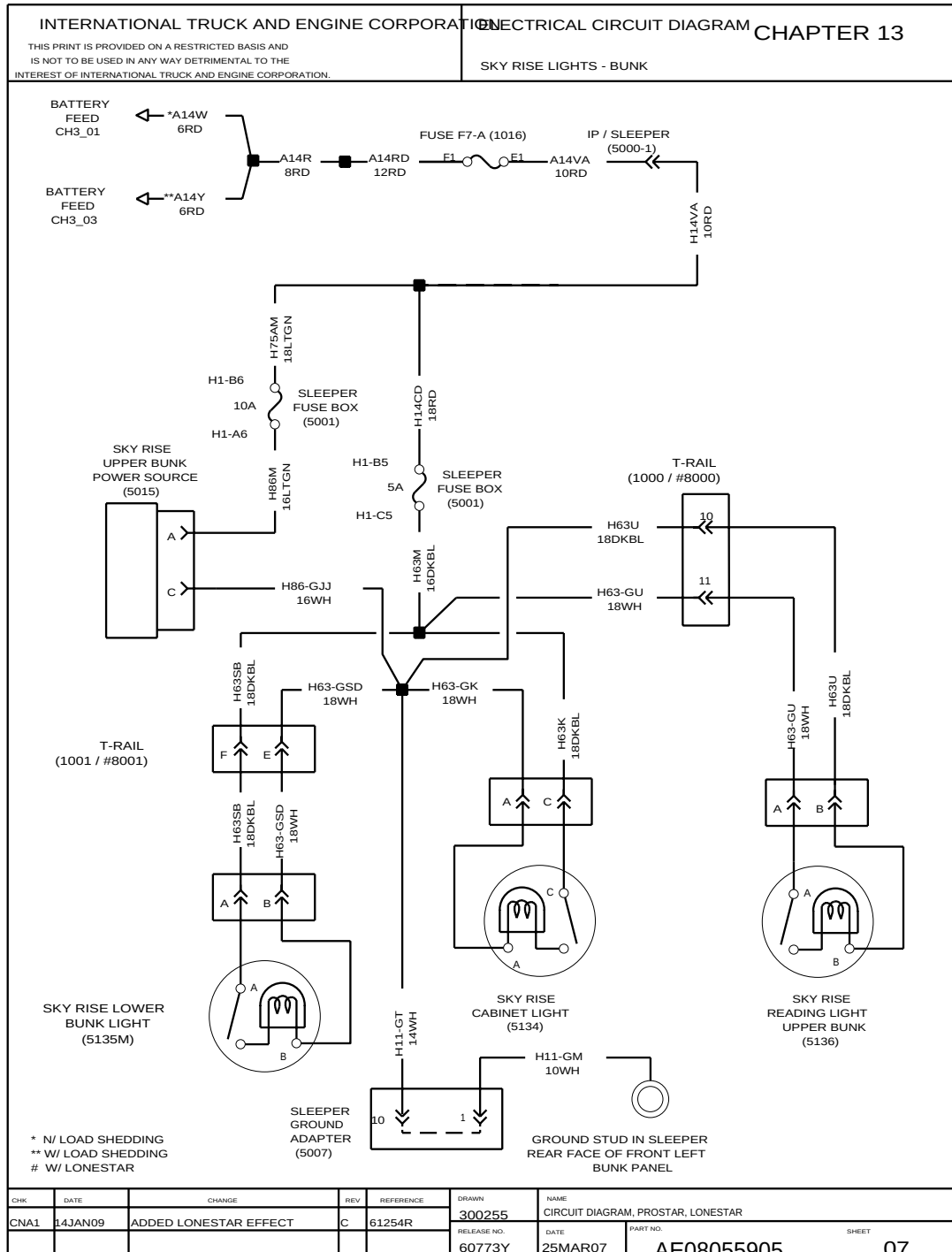


Figure 228 Sky Rise Lights — Bunk

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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13.8. FLAT PANEL TV/DVD PLAYER — BUNK, P. 8

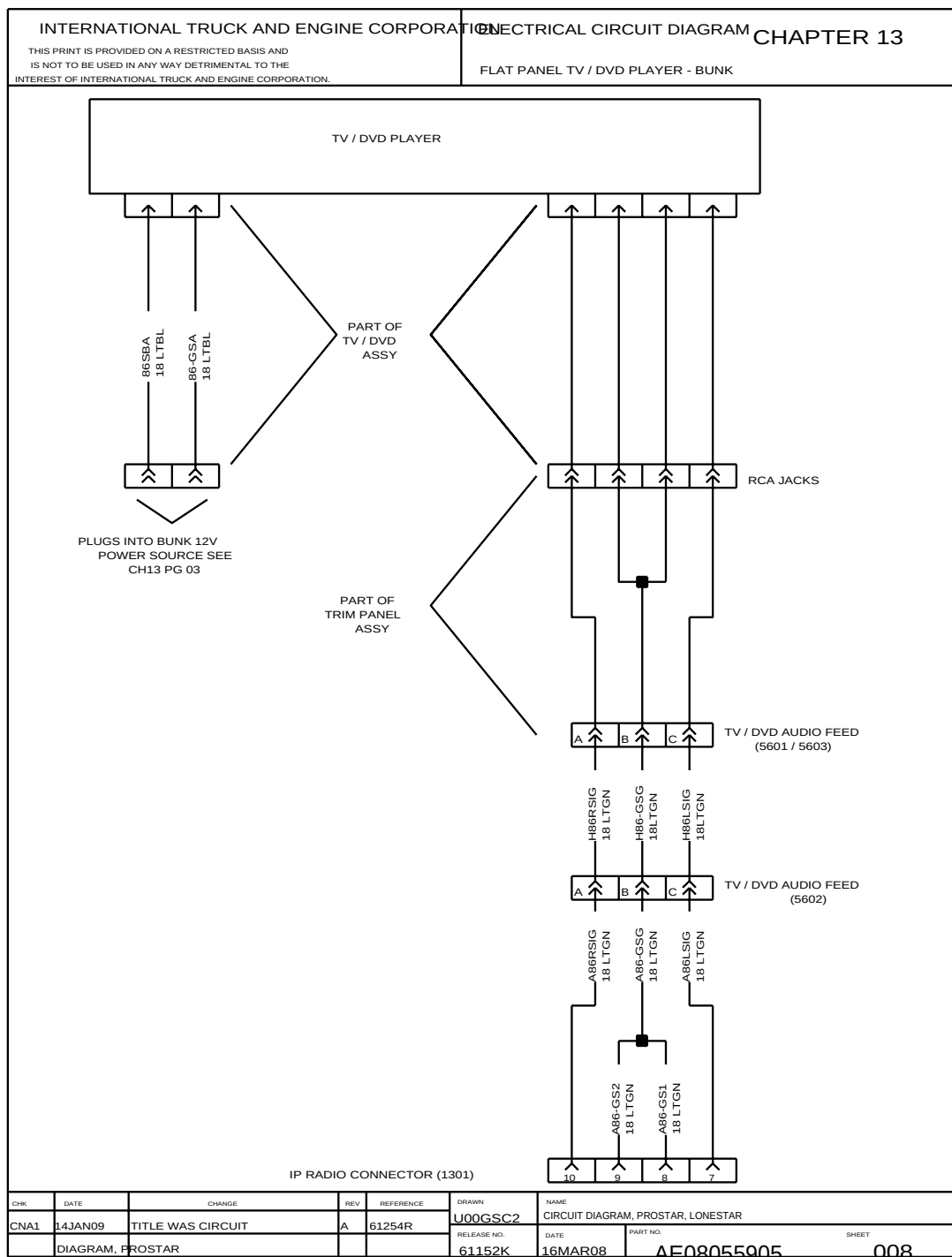


Figure 229 Flat Panel TV/DVD Player — Bunk

14. CONNECTOR COMPOSITES (CHAPTER 14)

14.1. CONNECTOR COMPOSITES (7A), (8A), (9A), (10A), P. 1

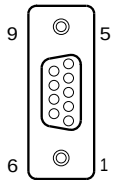
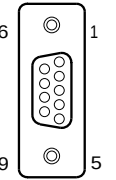
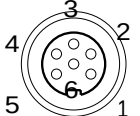
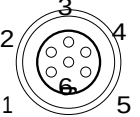
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																													
QUALCOMM DISPLAY RECEPTACLE END (LOCATED ON LEFT SIDE - BACK OF DOOR) (7A)  CONNECTOR 3594066C92	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>ABLK</td><td>22</td><td>BK</td><td>ASSY</td></tr> <tr><td>2</td><td>ARED</td><td>22</td><td>RD</td><td>ASSY</td></tr> <tr><td>3</td><td>AORN</td><td>22</td><td>OR</td><td>ASSY</td></tr> <tr><td>4</td><td>AYEL</td><td>22</td><td>YL</td><td>ASSY</td></tr> <tr><td>5</td><td>AGRN</td><td>22</td><td>GN</td><td>ASSY</td></tr> <tr><td>6</td><td>AGRA</td><td>22</td><td>GY</td><td>ASSY</td></tr> <tr><td>6#</td><td>ABLU</td><td>22</td><td>BL</td><td>ASSY</td></tr> <tr><td>7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>AVIO</td><td>22</td><td>VT</td><td>ASSY</td></tr> <tr><td>9</td><td>ABLU</td><td>22</td><td>BL</td><td>ASSY</td></tr> <tr><td>9#</td><td>AGRA</td><td>22</td><td>GY</td><td>ASSY</td></tr> </tbody> </table> # W/ LONESTAR			CAV	CIR	GAUGE	COLOR	TERMINAL	1	ABLK	22	BK	ASSY	2	ARED	22	RD	ASSY	3	AORN	22	OR	ASSY	4	AYEL	22	YL	ASSY	5	AGRN	22	GN	ASSY	6	AGRA	22	GY	ASSY	6#	ABLU	22	BL	ASSY	7	-	-	-	-	8	AVIO	22	VT	ASSY	9	ABLU	22	BL	ASSY	9#	AGRA	22	GY	ASSY
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QUALCOMM DISPLAY PLUG END (LOCATED IN LEFT SIDE B PILLAR) (8A)  CONNECTOR 3594066C9X	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>ABLK</td><td>22</td><td>BK</td><td>ASSY</td></tr> <tr><td>2</td><td>ARED</td><td>22</td><td>RD</td><td>ASSY</td></tr> <tr><td>3</td><td>AORN</td><td>22</td><td>OR</td><td>ASSY</td></tr> <tr><td>4</td><td>AYEL</td><td>22</td><td>YL</td><td>ASSY</td></tr> <tr><td>5</td><td>AGRN</td><td>22</td><td>GN</td><td>ASSY</td></tr> <tr><td>6</td><td>AGRA</td><td>22</td><td>GY</td><td>ASSY</td></tr> <tr><td>6#</td><td>ABLU</td><td>22</td><td>BL</td><td>ASSY</td></tr> <tr><td>7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>AVIO</td><td>22</td><td>VT</td><td>ASSY</td></tr> <tr><td>9</td><td>ABLU</td><td>22</td><td>BL</td><td>ASSY</td></tr> <tr><td>9#</td><td>AGRA</td><td>22</td><td>GY</td><td>ASSY</td></tr> </tbody> </table> # W/ LONESTAR			CAV	CIR	GAUGE	COLOR	TERMINAL	1	ABLK	22	BK	ASSY	2	ARED	22	RD	ASSY	3	AORN	22	OR	ASSY	4	AYEL	22	YL	ASSY	5	AGRN	22	GN	ASSY	6	AGRA	22	GY	ASSY	6#	ABLU	22	BL	ASSY	7	-	-	-	-	8	AVIO	22	VT	ASSY	9	ABLU	22	BL	ASSY	9#	AGRA	22	GY	ASSY
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QUALCOMM OMNIVISION CDU EXTENSION (LOCATED IN LEFT BACK PANEL (DAY CAB)) (9A)  CONNECTOR 3668104C91	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>AORN</td><td>24</td><td>OR</td><td>ASSY</td></tr> <tr><td>2</td><td>AORN2</td><td>24</td><td>OR</td><td>ASSY</td></tr> <tr><td>3</td><td>ABLU</td><td>24</td><td>BL</td><td>ASSY</td></tr> <tr><td>4</td><td>ABLU2</td><td>24</td><td>BL</td><td>ASSY</td></tr> <tr><td>5</td><td>ABLK</td><td>22</td><td>BK</td><td>ASSY</td></tr> <tr><td>6</td><td>ARED</td><td>22</td><td>RD</td><td>ASSY</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	AORN	24	OR	ASSY	2	AORN2	24	OR	ASSY	3	ABLU	24	BL	ASSY	4	ABLU2	24	BL	ASSY	5	ABLK	22	BK	ASSY	6	ARED	22	RD	ASSY																									
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Figure 230 Connector Composites (7A), (8A), (9A), (10A)

14.2. CONNECTOR COMPOSITES (10F), (11A), (12A), (13A), P. 1A

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																					
AUXILIARY POWER (10F) (LOCATED IN INSTRUMENT PANEL CENTER) (JUMPER HARNESS) CONNECTOR 1661197C1				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN <table> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr> <td>A</td><td>A86M</td><td>16</td><td>LTGN</td><td>1661214C2</td></tr> <tr> <td>A*</td><td>A86N</td><td>14</td><td>LTGN</td><td>1661214C2</td></tr> <tr> <td>B</td><td>A86-GA</td><td>16</td><td>WH</td><td>1661214C2</td></tr> <tr> <td>B*</td><td>A86-GB</td><td>14</td><td>WH</td><td>1661214C2</td></tr> </table> * W/ 2 POST & CIGAR ONLY				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86M	16	LTGN	1661214C2	A*	A86N	14	LTGN	1661214C2	B	A86-GA	16	WH	1661214C2	B*	A86-GB	14	WH	1661214C2																									
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QUALCOMM DISPLAY RECEPTACLE END (13A) (LOCATED IN LEFT BACK PANEL (DAYCAB)) (W/ LONESTAR) CONNECTOR 3679731C91				<table> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr> <td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>2</td><td>ABLK</td><td>22</td><td>BK</td><td>ASSY</td></tr> <tr> <td>3</td><td>ABLU</td><td>22</td><td>BL</td><td>ASSY</td></tr> <tr> <td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>5</td><td>ARED</td><td>22</td><td>RD</td><td>ASSY</td></tr> <tr> <td>6</td><td>AGRN</td><td>22</td><td>GN</td><td>ASSY</td></tr> <tr> <td>7</td><td>AYEL</td><td>22</td><td>YL</td><td>ASSY</td></tr> <tr> <td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>9</td><td>AVIO</td><td>22</td><td>VT</td><td>ASSY</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	ABLK	22	BK	ASSY	3	ABLU	22	BL	ASSY	4	-	-	-	-	5	ARED	22	RD	ASSY	6	AGRN	22	GN	ASSY	7	AYEL	22	YL	ASSY	8	-	-	-	-	9	AVIO	22	VT	ASSY
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Figure 231 Connector Composites (10F), (11A), (12A), (13A)

14.3. CONNECTOR COMPOSITES (14A), (344), (345), (512), (520), P. 1B

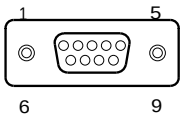
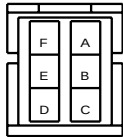
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CB SPEAKER (344) (LOCATED IN INSTRUMENT PANEL BY DRIVER) (W/ LONESTAR)  CONNECTOR 1661196C1		<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A86H</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr><td>B</td><td>A86J</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86H	18	LTGN	1661208C1	B	A86J	18	LTGN	1661208C1																																			
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B	A86J	18	LTGN	1661208C1																																																	
SUNSHADE (345) (LOCATED IN ROOF WIRING FRONT W/ SUNSHADE)  CONNECTOR 1661259C1 BODY LOCK 1661263C1		 CONNECTOR 1661260C1 BODY LOCK 1661264C1																																																			
<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>D58T</td><td>18</td><td>BN</td><td>1661262C1</td></tr> <tr><td>B</td><td>D58-GL</td><td>18</td><td>WH</td><td>1661262C1</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	D58T	18	BN	1661262C1	B	D58-GL	18	WH	1661262C1	<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>C58A</td><td>18</td><td>BK</td><td>1661261C1</td></tr> <tr><td>B</td><td>C58-GA</td><td>18</td><td>WH</td><td>1661261C1</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	C58A	18	BK	1661261C1	B	C58-GA	18	WH	1661261C1																				
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ACCENT LIGHT DIMMER (512) (LOCATED ON SLEEPER CONTROL PANEL)  CONNECTOR 16611200C1		<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>C63A</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>B</td><td>C63-GA</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>C</td><td>C63B</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>D*</td><td>C62B</td><td>18</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>D#</td><td>C62D</td><td>18</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>C62-GB</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> </tbody> </table> * W/ ACCENT LIGHT ON / OFF # W/ DOME LIGHT ON / OFF		CAV	CIR	GAUGE	COLOR	TERMINAL	A	C63A	18	DKBL	1661208C1	B	C63-GA	18	DKBL	1661208C1	C	C63B	18	DKBL	1661208C1	D*	C62B	18	DKBL	1661209C1	D#	C62D	18	DKBL	1661209C1	E	-	-	-	-	F	C62-GB	18	DKBL	1661208C1										
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CLEARANCE LIGHT (520) (LOCATED IN SUNSHADE)  CONNECTOR 1661259C1 BODY LOCK 1661263C1		<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>C58B</td><td>18</td><td>BN</td><td>1661261C1</td></tr> <tr><td>B</td><td>C58-GB</td><td>18</td><td>WH</td><td>1661261C1</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	C58B	18	BN	1661261C1	B	C58-GB	18	WH	1661261C1																																			
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Figure 232 Connector Composites (14A), (344), (345), (512), (520)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.4. CONNECTOR COMPOSITES (521), (522), (523), (524), P. 2

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																
CLEARANCE LIGHT (521) (LOCATED IN SUNSHADE) (W/ PROSTAR)  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C58C</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>C58-GC</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	C58C	18	BN	1661261C1	B	C58-GC	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																
A	C58C	18	BN	1661261C1																
B	C58-GC	18	WH	1661261C1																
CLEARANCE LIGHT (522) (LOCATED IN SUNSHADE) (W/ PROSTAR)  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C58D</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>C58-GD</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	C58D	18	BN	1661261C1	B	C58-GD	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																
A	C58D	18	BN	1661261C1																
B	C58-GD	18	WH	1661261C1																
CLEARANCE LIGHT (523) (LOCATED IN SUNSHADE) (W/ PROSTAR)  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C58E</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>C58-GE</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	C58E	18	BN	1661261C1	B	C58-GE	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																
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CLEARANCE LIGHT (524) (LOCATED IN SUNSHADE) (W/ PROSTAR)  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C58F</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>C58-GF</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	C58F	18	BN	1661261C1	B	C58-GF	18	WH	1661261C1
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CNA1	14JAN09	TITLE WAS CIRCUIT	A	61254R	U00K640															
DIAGRAM, PROSTAR			RELEASE NO.	DATE	PART NO.															
			59637L	06SEP06	AE08055906															
					SHEET 002															

Figure 233 Connector Composites (521), (522), (523), (524)

14.5. CONNECTOR COMPOSITES (1002), (1003), P. 3

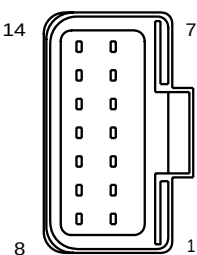
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																					
PANEL LIGHT FEED (1002) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 2007315C1 BODY LOCK 2007316C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A62B</td><td>16</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>B##</td><td>A62BB</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>C</td><td>A62BE</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>D</td><td>A62BD</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>E</td><td>A62BH</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>F</td><td>A63AB</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>F%</td><td>A62T</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>F@</td><td>A62TRI</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>G</td><td>A62SC</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>H*</td><td>A62SD</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>H#</td><td>A62N</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>I</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>J</td><td>A62SA</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>K</td><td>A62SB</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>K**</td><td>A62BLT</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> </tbody> </table> * W/ PANIC BUTTON ** W/ BEACON LIGHT # W/ TELEMATICS ALERT SWITCH ## W/ LONESTAR % N/ IDLE HEAT - CAB @ W/ TRI-PAC				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A62B	16	DKBL	1661208C1	B##	A62BB	18	DKBL	1661208C1	C	A62BE	18	DKBL	1661208C1	D	A62BD	18	DKBL	1661208C1	E	A62BH	18	DKBL	1661208C1	F	A63AB	18	DKBL	1661208C1	F%	A62T	18	DKBL	1661208C1	F@	A62TRI	18	DKBL	1661208C1	G	A62SC	18	DKBL	1661208C1	H*	A62SD	18	DKBL	1661208C1	H#	A62N	18	DKBL	1661208C1	I	-	-	-	-	J	A62SA	18	DKBL	1661208C1	K	A62SB	18	DKBL	1661208C1	K**	A62BLT	18	DKBL	1661208C1																				
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GROUND (1003) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 3613769C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A11-GKA</td><td>14</td><td>WH</td><td>3613770C1</td></tr> <tr><td>2@</td><td>A11-GSE</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>2@</td><td>11-GSE</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>3</td><td>A14-GL</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>4</td><td>A65-GF</td><td>16</td><td>WH</td><td>3613770C1</td></tr> <tr><td>5</td><td>A11-GSF</td><td>16</td><td>WH</td><td>3613770C1</td></tr> <tr><td>6</td><td>A84-G</td><td>16</td><td>WH</td><td>3613770C1</td></tr> <tr><td>7</td><td>A14-GS</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>7@</td><td>A14-GS</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>7@</td><td>A116-G</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>8</td><td>A92-G</td><td>16</td><td>WH</td><td>3613770C1</td></tr> <tr><td>9</td><td>A63-GJ</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>10</td><td>A63-GC</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>11</td><td>A11-GKH</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>12*</td><td>A11-GNA</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>12#</td><td>A11-GEC</td><td>16</td><td>WH</td><td>3613770C1</td></tr> <tr><td>12%</td><td>A11-GT</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>13</td><td>A22-G</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>14</td><td>A11-GN</td><td>18</td><td>WH</td><td>3613771C1</td></tr> </tbody> </table> * W/ XMSN # W/ TELEMATICS % W/ REMOTE START / STOP @ W/ LONESTAR				CAV	CIR	GAUGE	COLOR	TERMINAL	1	A11-GKA	14	WH	3613770C1	2@	A11-GSE	18	WH	3613771C1	2@	11-GSE	18	WH	3613771C1	3	A14-GL	18	WH	3613771C1	4	A65-GF	16	WH	3613770C1	5	A11-GSF	16	WH	3613770C1	6	A84-G	16	WH	3613770C1	7	A14-GS	18	WH	3613771C1	7@	A14-GS	18	WH	3613771C1	7@	A116-G	18	WH	3613771C1	8	A92-G	16	WH	3613770C1	9	A63-GJ	18	WH	3613771C1	10	A63-GC	18	WH	3613771C1	11	A11-GKH	18	WH	3613771C1	12*	A11-GNA	18	WH	3613771C1	12#	A11-GEC	16	WH	3613770C1	12%	A11-GT	18	WH	3613771C1	13	A22-G	18	WH	3613771C1	14	A11-GN	18	WH	3613771C1
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Figure 234 Connector Composites (1002), (1003)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.6. CONNECTOR COMPOSITES (1006), (1007), (1010), (1015), P. 4

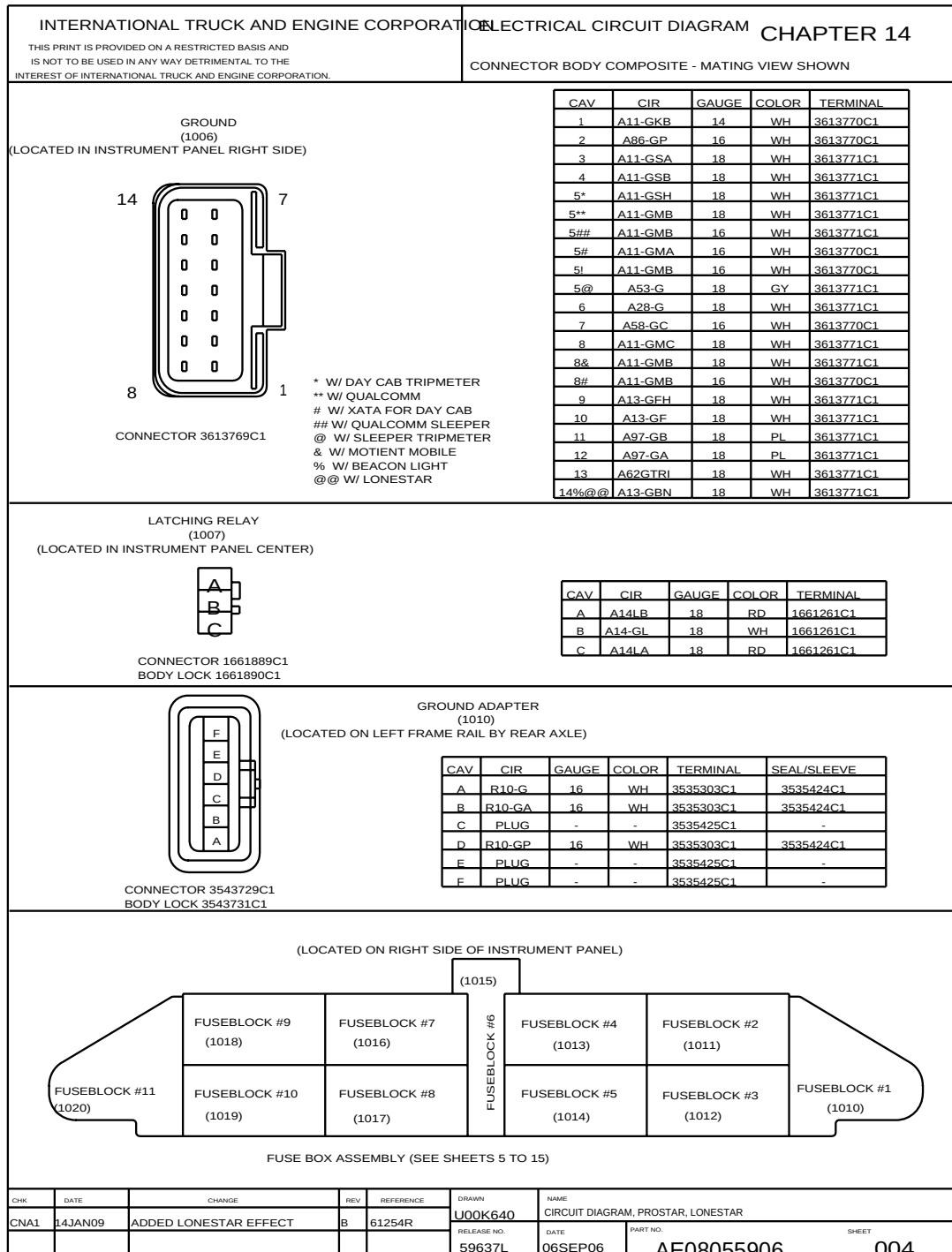


Figure 235 Connector Composites (1006), (1007), (1010), (1015)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.7. CONNECTOR COMPOSITE (1010), P. 5

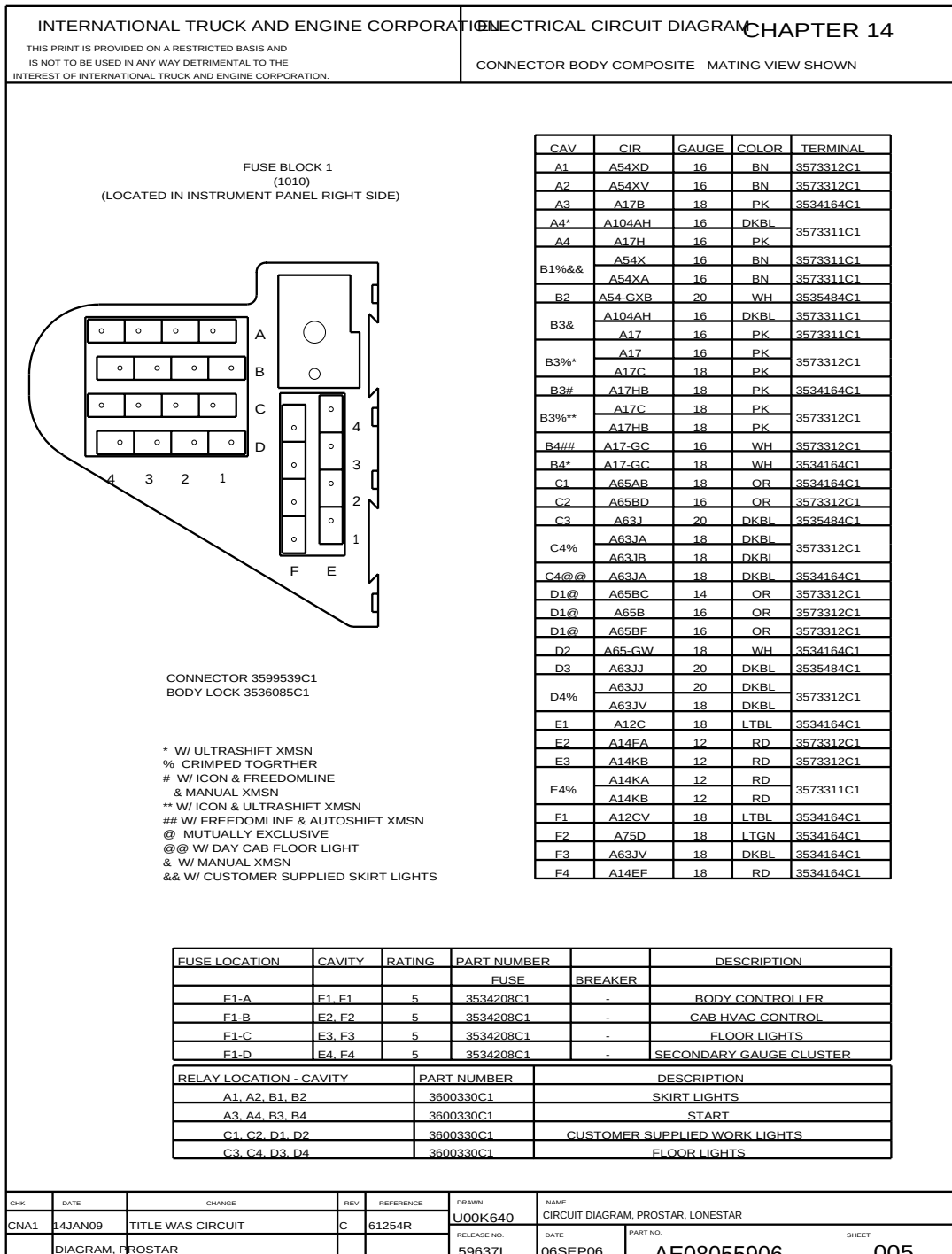


Figure 236 Connector Composite (1010)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.8. CONNECTOR COMPOSITE (1011), P. 6

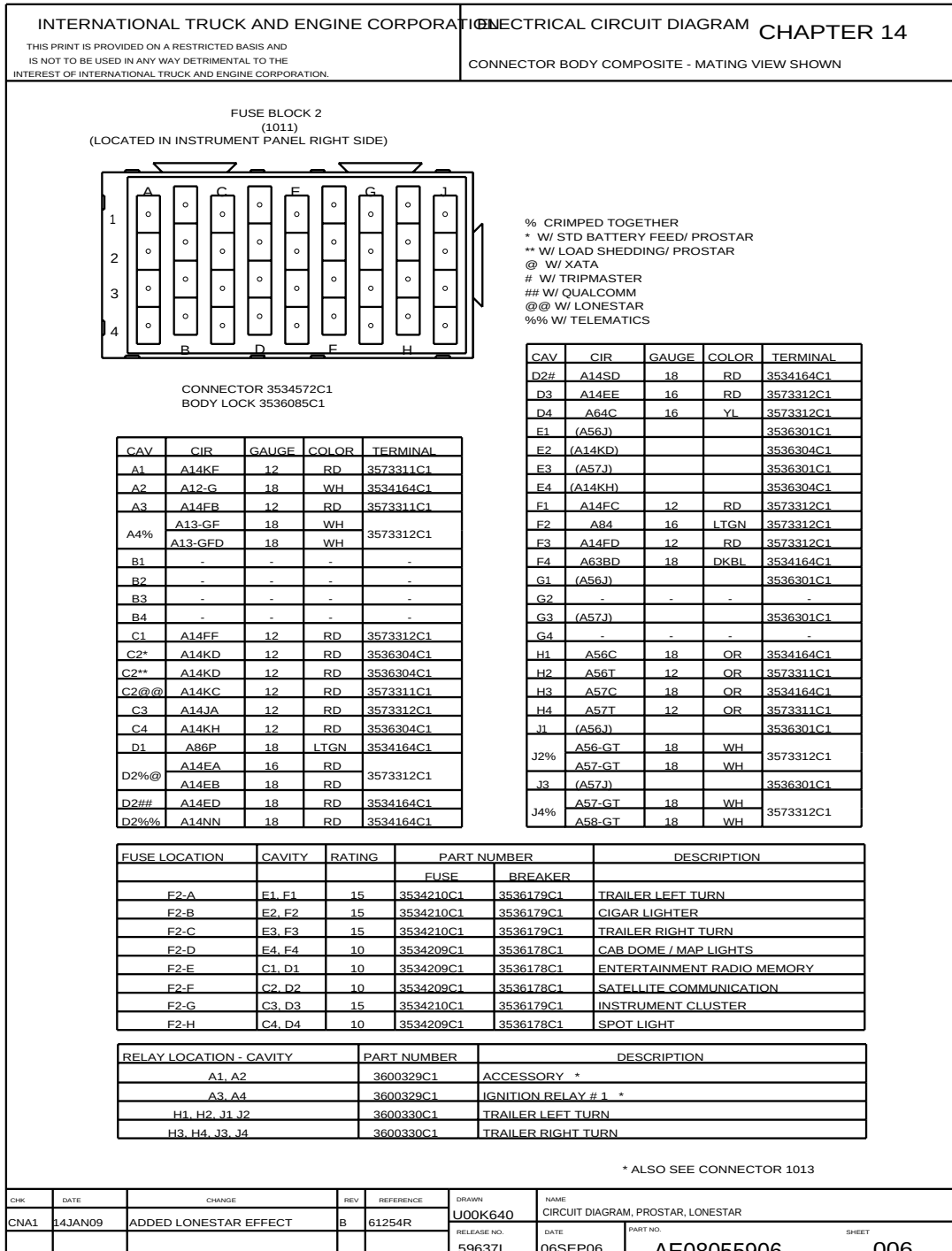


Figure 237 Connector Composite (1011)

14.9. CONNECTOR COMPOSITE (1012), P. 7

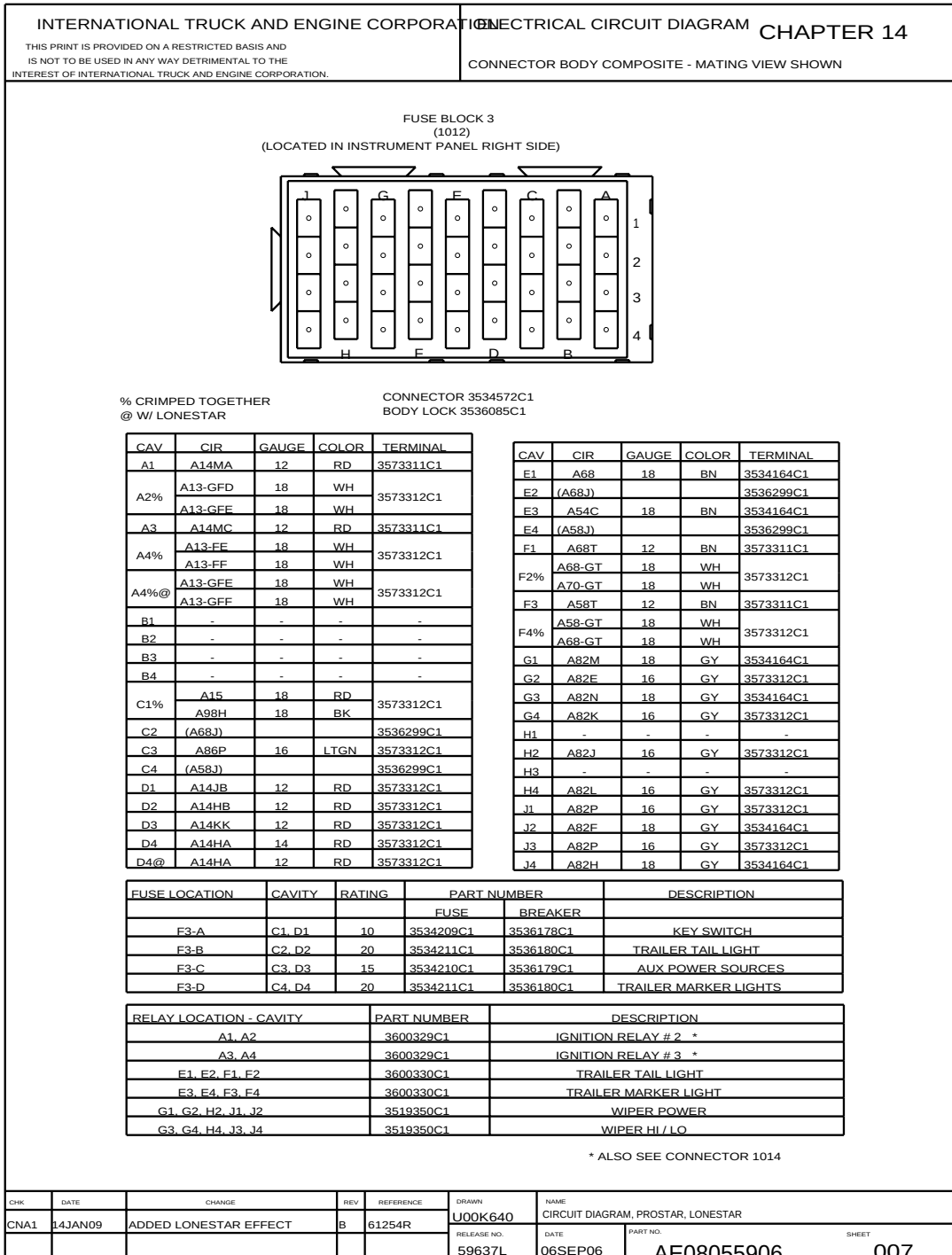


Figure 238 Connector Composite (1012)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.10. CONNECTOR COMPOSITE (1013), P. 8

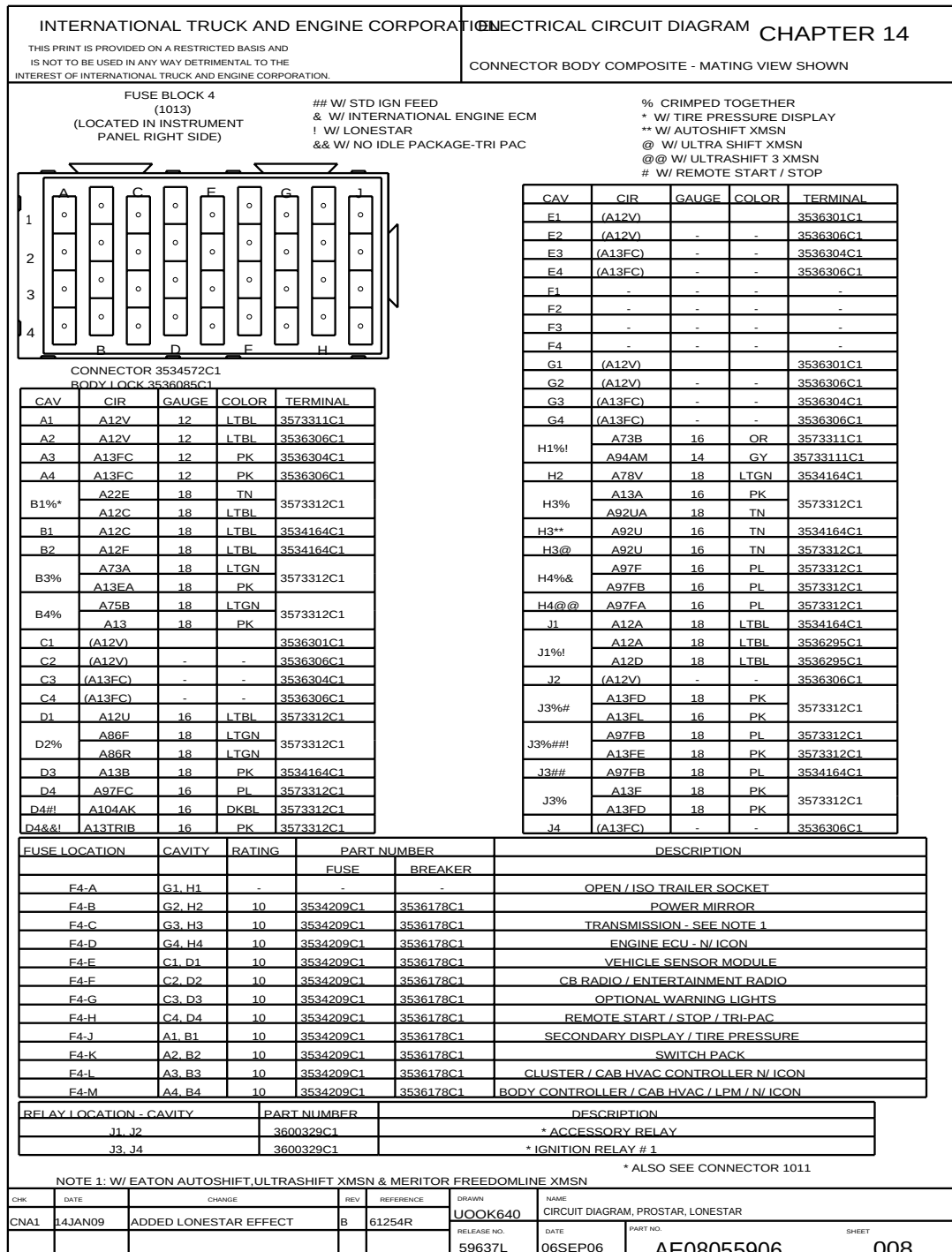


Figure 239 Connector Composite (1013)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.11. CONNECTOR COMPOSITE (1014), P. 9

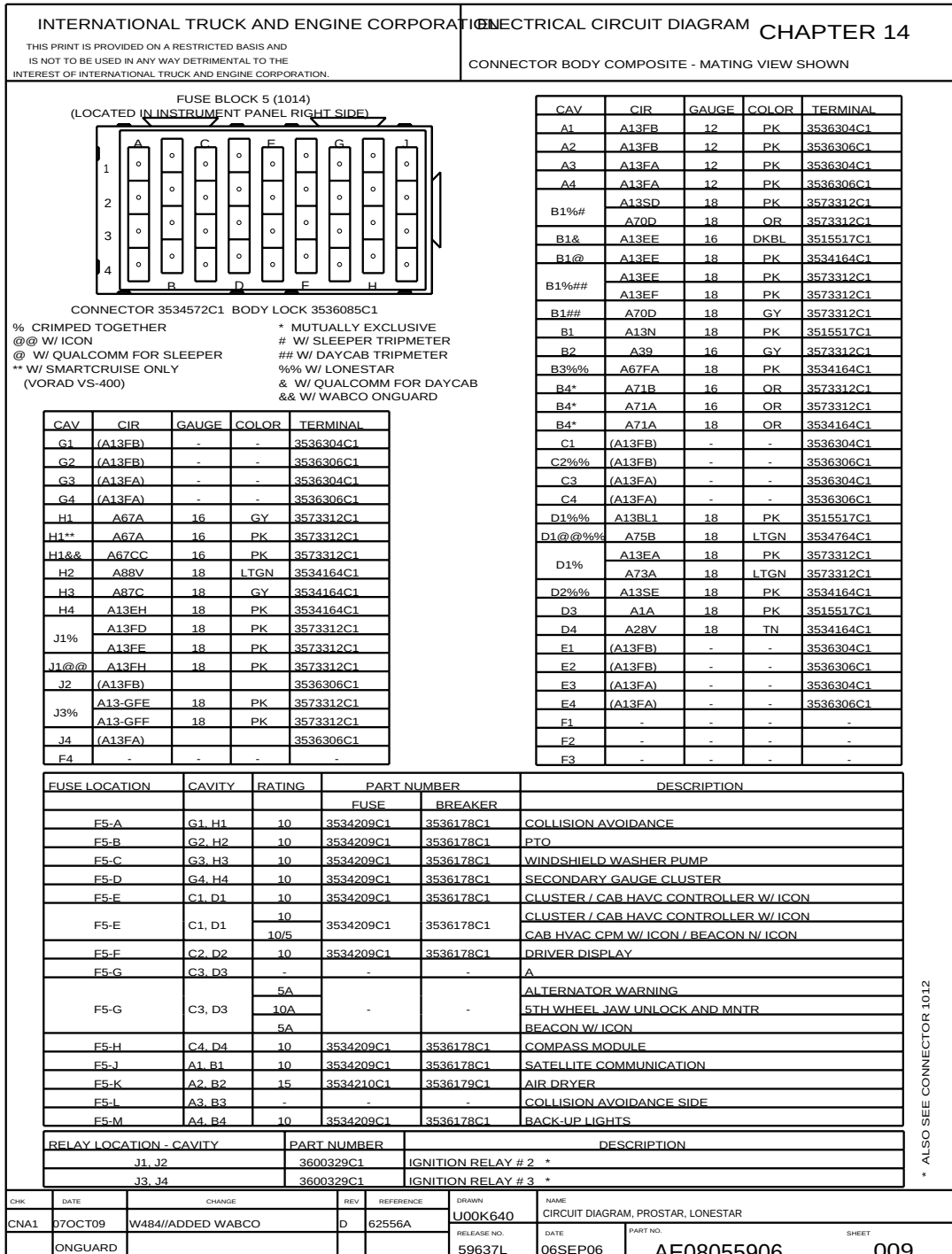


Figure 240 Connector Composite (1014)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.12. CONNECTOR COMPOSITE (1015), P. 10

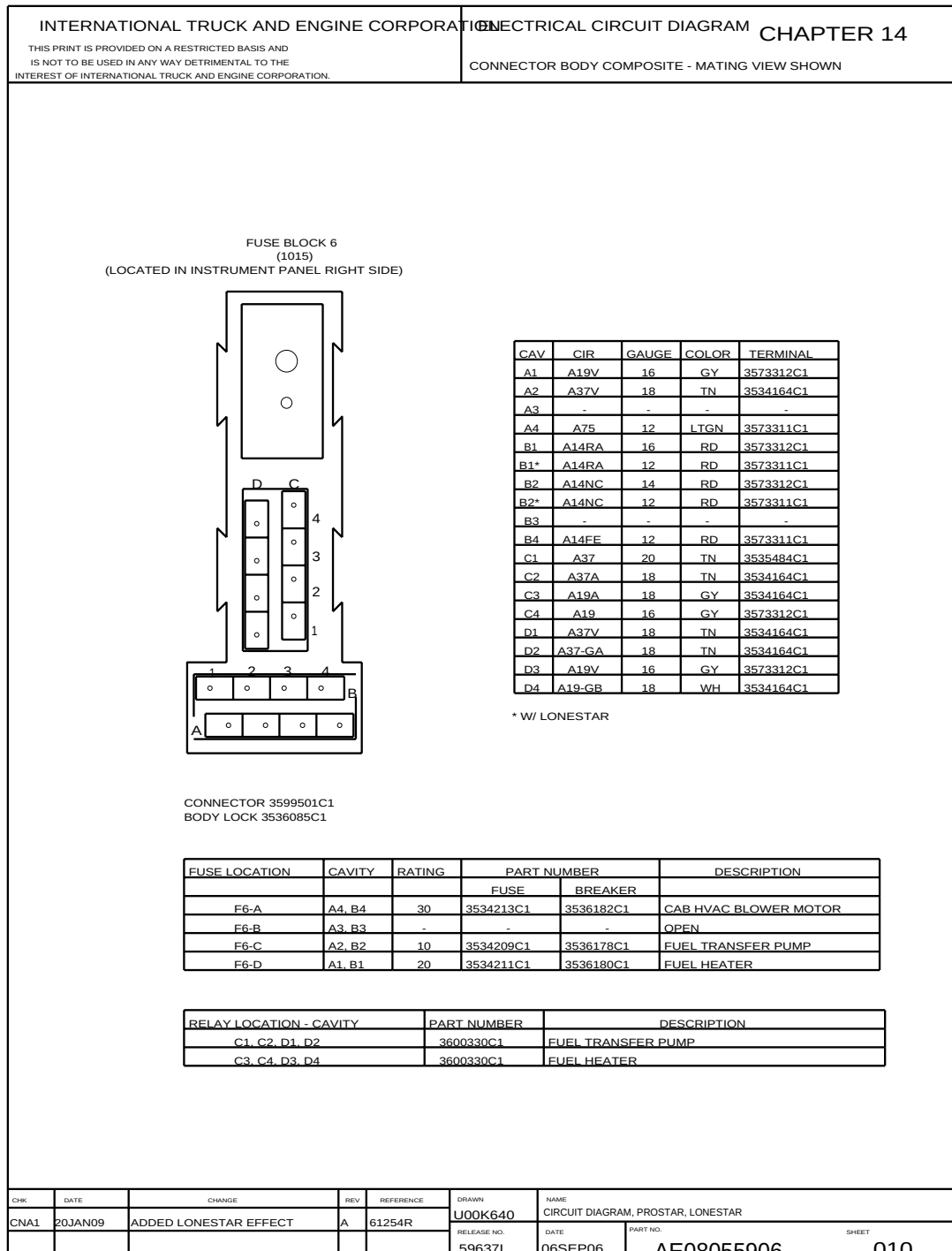


Figure 241 Connector Composite (1015)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.13. CONNECTOR COMPOSITE (1016), P. 11

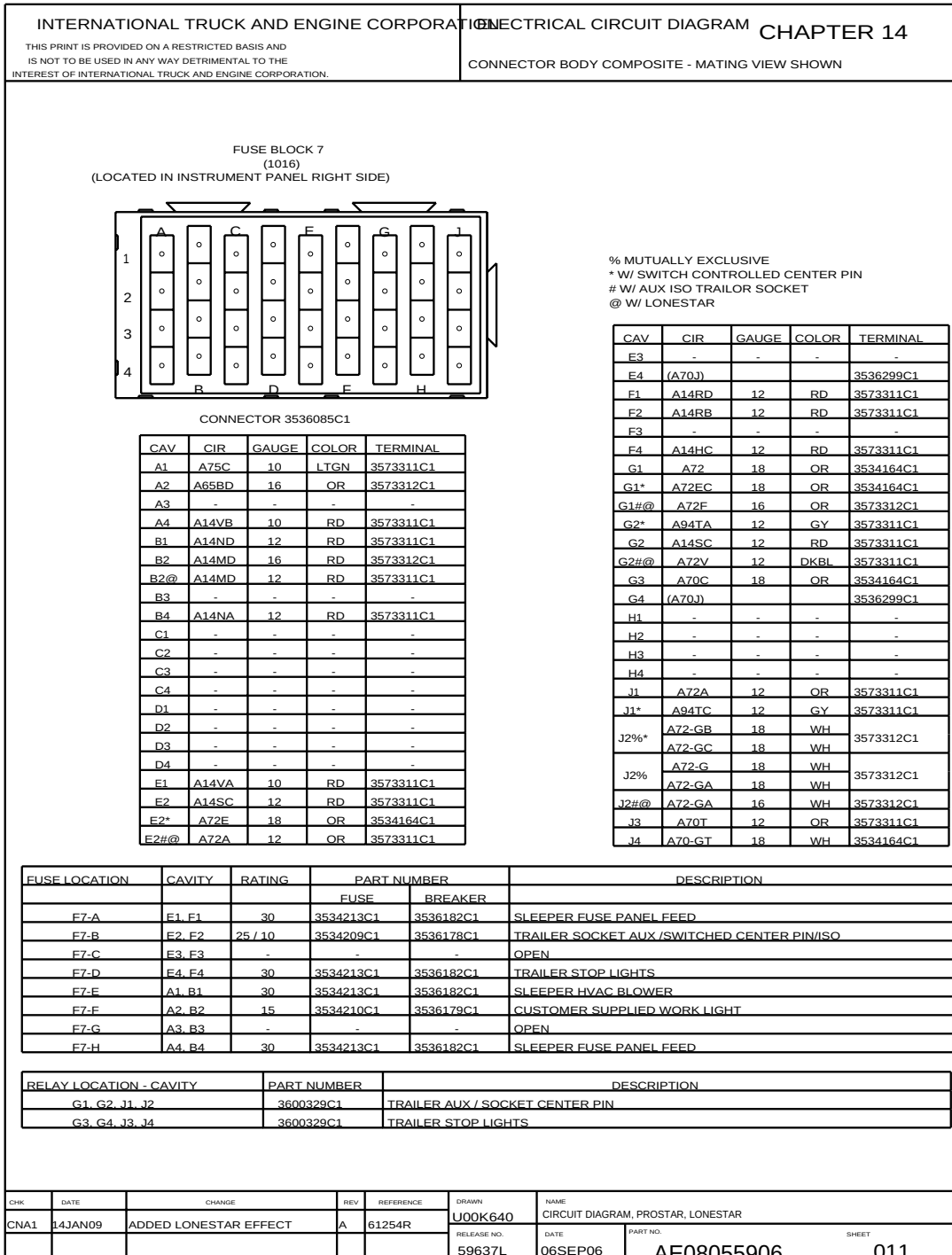


Figure 242 Connector Composite (1016)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.14. CONNECTOR COMPOSITE (1017), P. 12

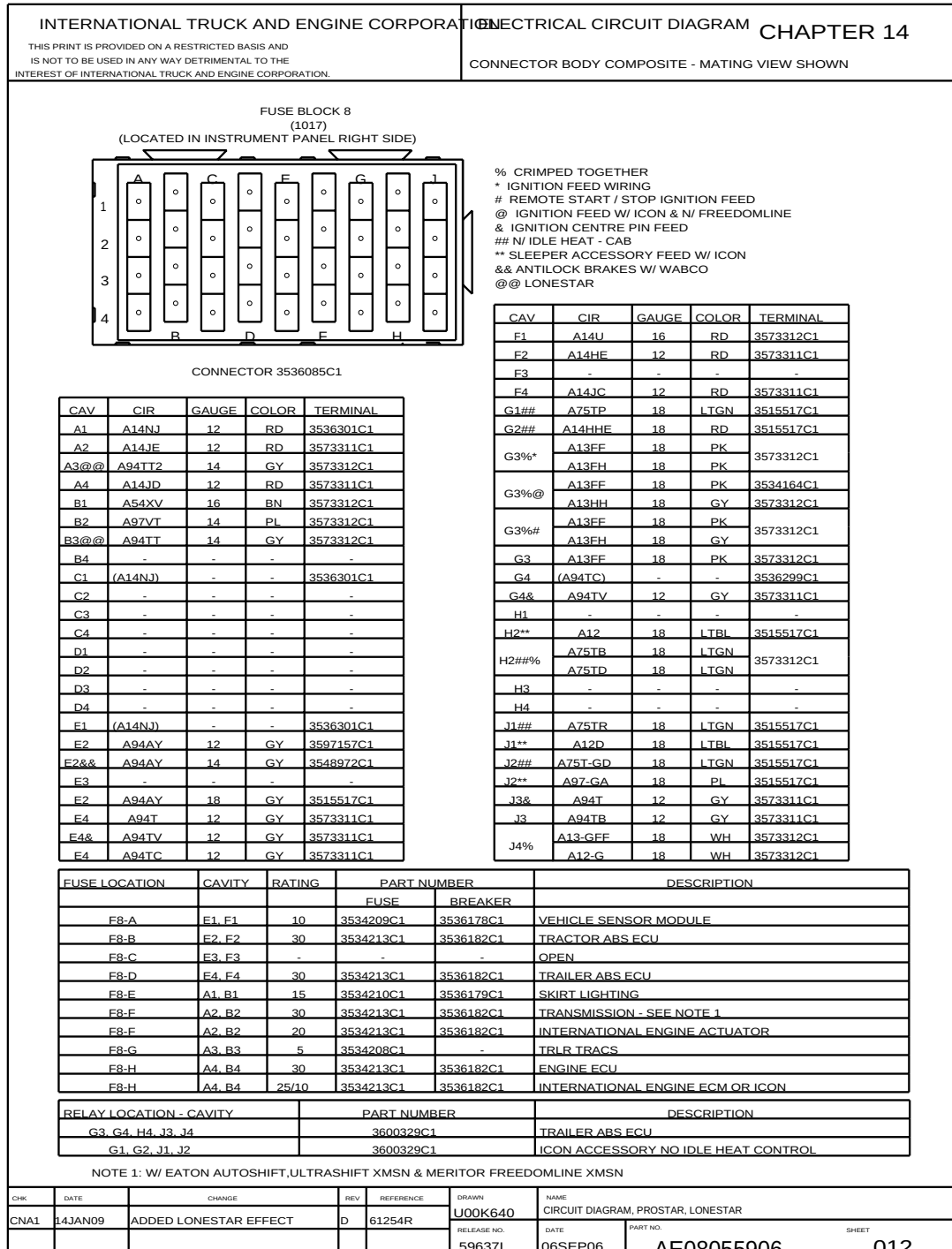


Figure 243 Connector Composite (1017)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.15. CONNECTOR COMPOSITE (1018), P. 13

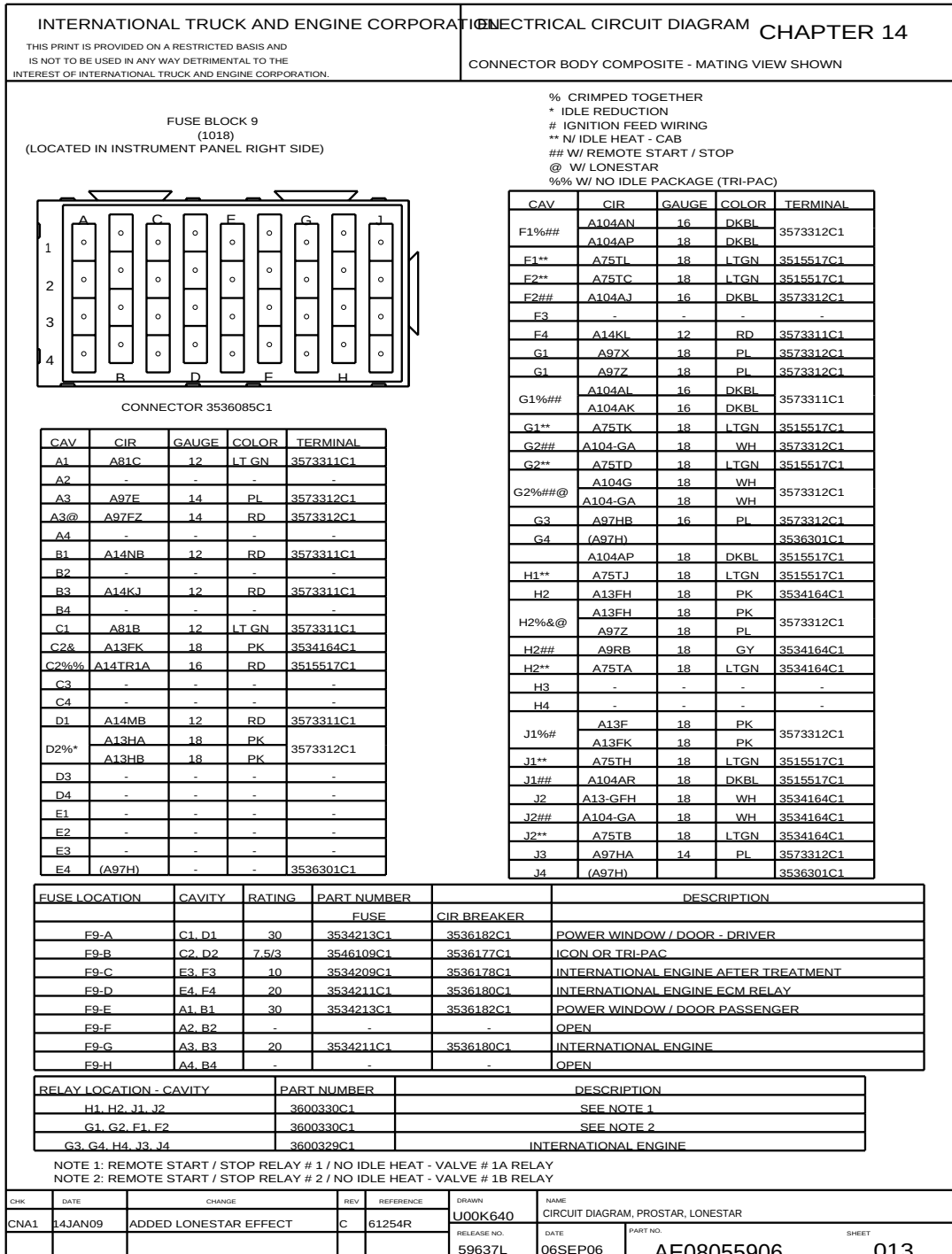


Figure 244 Connector Composite (1018)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.16. CONNECTOR COMPOSITE (1019), P. 14

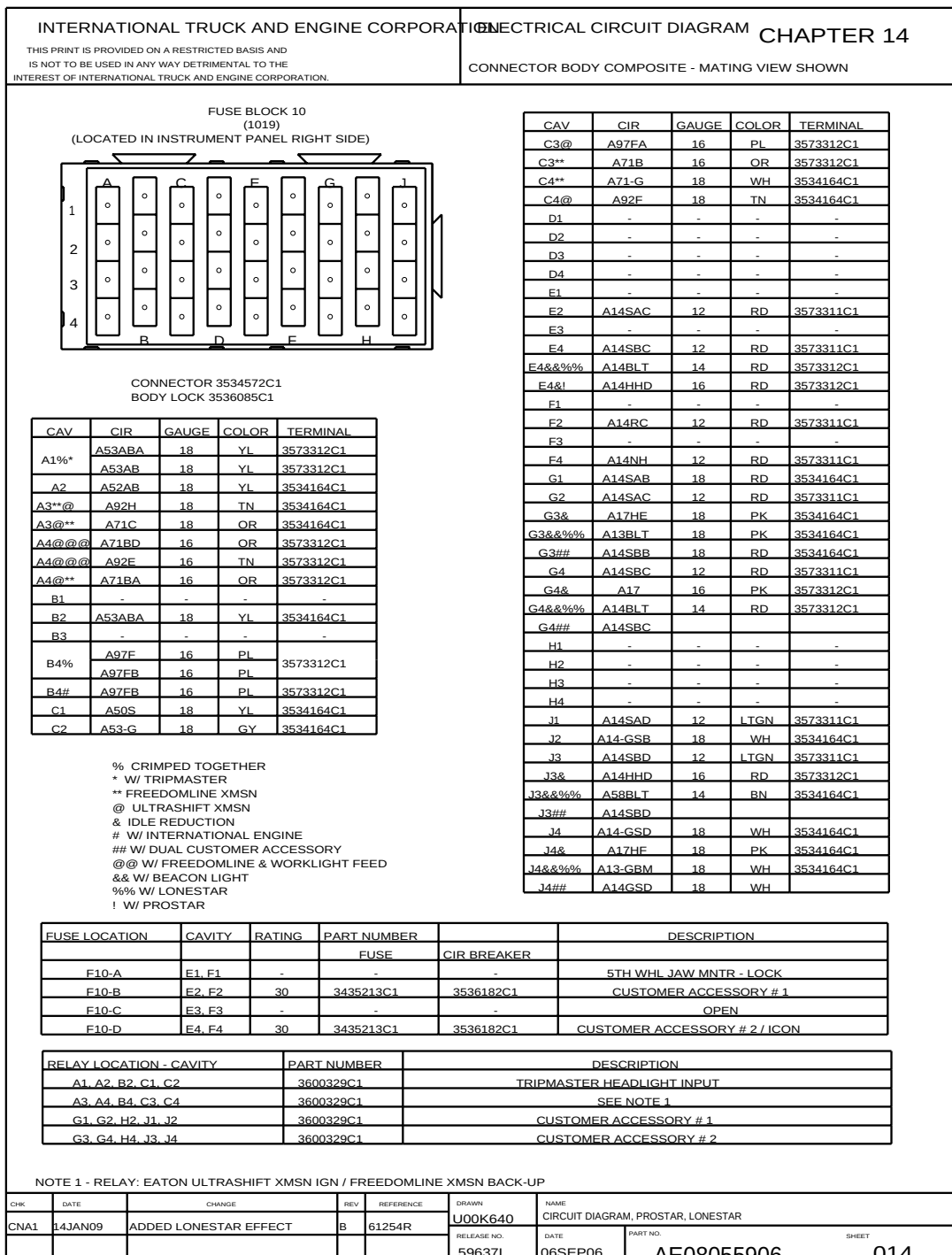


Figure 245 Connector Composite (1019)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.17. CONNECTOR COMPOSITE (1020), P. 15

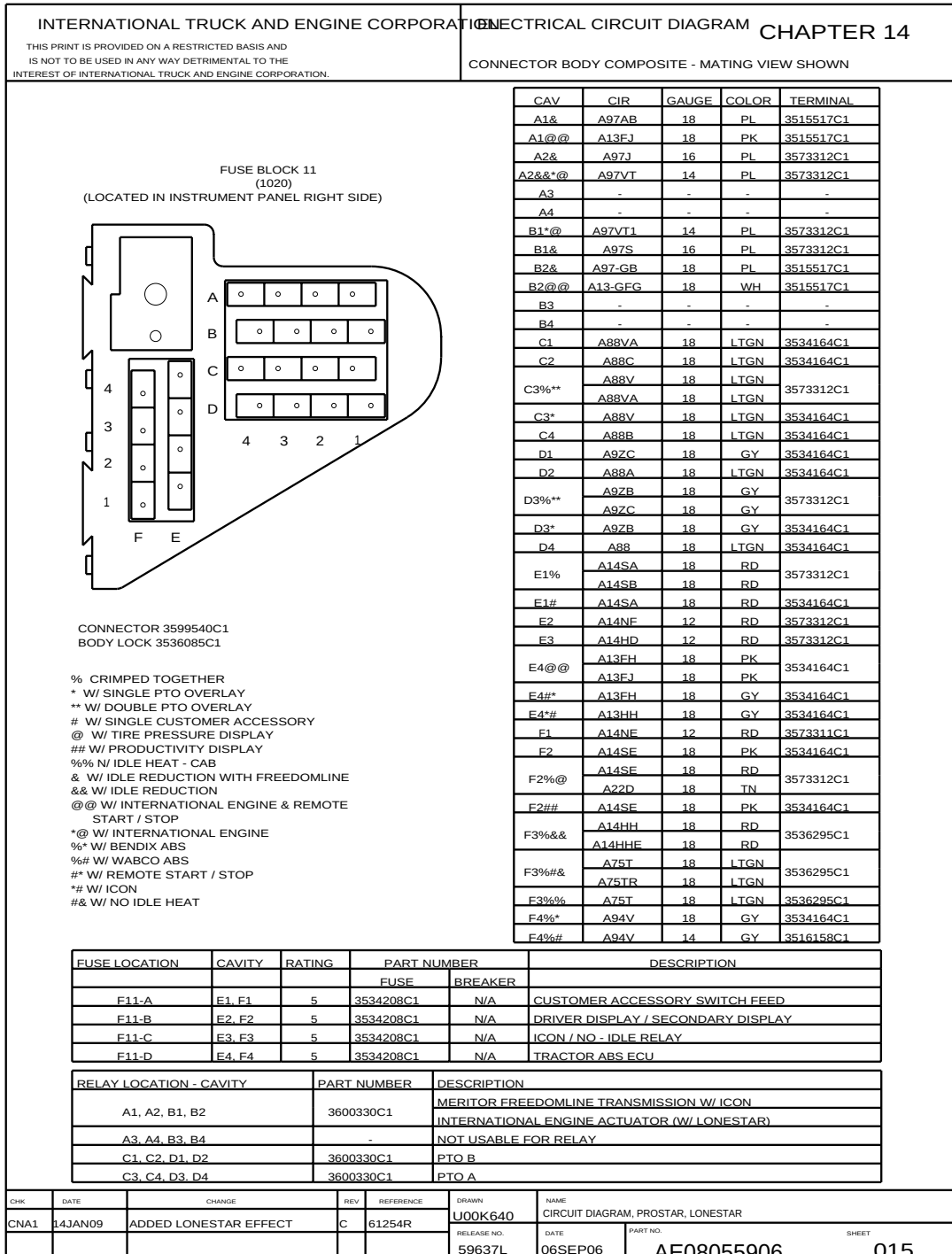


Figure 246 Connector Composite (1020)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.18. CONNECTOR COMPOSITES (1023), (1024), P. 16

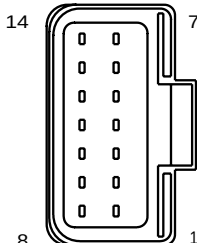
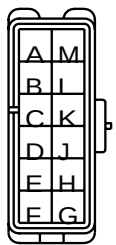
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																											
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GROUND (1023) (LOCATED IN INSTRUMENT PANEL RIGHT SIDE)  CONNECTOR 3613769C1				<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>A11-GCB</td><td>12</td><td>WH</td><td>3612307C1</td></tr><tr><td>2</td><td>A56-GT</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>3</td><td>A17-GC</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>4</td><td>A37-GA</td><td>18</td><td>TN</td><td>3613771C1</td></tr><tr><td>5</td><td>A78-GA</td><td>16</td><td>WH</td><td>3613770C1</td></tr><tr><td>6</td><td>A78-GB</td><td>16</td><td>WH</td><td>3613770C1</td></tr><tr><td>7</td><td>A19-GB</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>8**</td><td>A67-G</td><td>16</td><td>WH</td><td>3613770C1</td></tr><tr><td>8*</td><td>A67-G</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>8@@</td><td>A67-GK</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>9</td><td>A54-GX</td><td>16</td><td>WH</td><td>3613770C1</td></tr><tr><td>10</td><td>A65-GW</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>11##</td><td>A72-GA</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>11#</td><td>A72-GC</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>12</td><td>A75T-G</td><td>18</td><td>LTGN</td><td>3613771C1</td></tr><tr><td>13</td><td>A13-GFG</td><td>18</td><td>WH</td><td>3613771C1</td></tr><tr><td>14@</td><td>A72-GB</td><td>18</td><td>WH</td><td>3613771C1</td></tr></tbody></table> * W/ EATON VORAD VS-400 ** W/ COLLISION WARNING-VORAD(EVT-300) # TRLR SOCKET W/ SW CONTROLLED CENTER PIN ## W/ AUXILIARY TRAILER SOCKET @ W/ LONESTAR @@ W/ WABCO ONGUARD		CAV	CIR	GAUGE	COLOR	TERMINAL	1	A11-GCB	12	WH	3612307C1	2	A56-GT	18	WH	3613771C1	3	A17-GC	18	WH	3613771C1	4	A37-GA	18	TN	3613771C1	5	A78-GA	16	WH	3613770C1	6	A78-GB	16	WH	3613770C1	7	A19-GB	18	WH	3613771C1	8**	A67-G	16	WH	3613770C1	8*	A67-G	18	WH	3613771C1	8@@	A67-GK	18	WH	3613771C1	9	A54-GX	16	WH	3613770C1	10	A65-GW	18	WH	3613771C1	11##	A72-GA	18	WH	3613771C1	11#	A72-GC	18	WH	3613771C1	12	A75T-G	18	LTGN	3613771C1	13	A13-GFG	18	WH	3613771C1	14@	A72-GB	18	WH	3613771C1
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Figure 247 Connector Composites (1023), (1024)

14.19. CONNECTOR COMPOSITES (1025), (1026), P. 16A

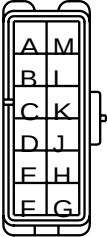
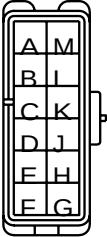
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J1939 ADAPTER (1026) (LOCATED IN INSTRUMENT PANEL CENTER)  CONNECTOR 3601838C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A5RB(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr><tr><td>A*</td><td>A5R(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr><tr><td>B</td><td>A5P(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr><tr><td>C</td><td>A5RC(-)</td><td>18</td><td>LTGN</td><td>3534164C1</td></tr><tr><td>D</td><td>A5RC(-)</td><td>18</td><td>LTGN</td><td>3534164C1</td></tr><tr><td>E</td><td>A5L(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr><tr><td>F</td><td>A5RD(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr><tr><td>G</td><td>A5RD(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr><tr><td>H</td><td>A5L(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr><tr><td>J</td><td>A5RC(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr><tr><td>K</td><td>A5RC(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr><tr><td>L</td><td>A5P(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr><tr><td>M</td><td>A5RB(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr><tr><td>M*</td><td>A5R(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr></tbody></table> * W/ ALL OPTIONS & N/ABS OR COMPASS						CAV	CIR	GAUGE	COLOR	TERMINAL	A	A5RB(-)	18	GN	3534164C1	A*	A5R(-)	18	GN	3534164C1	B	A5P(-)	18	GN	3534164C1	C	A5RC(-)	18	LTGN	3534164C1	D	A5RC(-)	18	LTGN	3534164C1	E	A5L(-)	18	GN	3534164C1	F	A5RD(-)	18	GN	3534164C1	G	A5RD(+)	18	YL	3534164C1	H	A5L(+)	18	YL	3534164C1	J	A5RC(+)	18	YL	3534164C1	K	A5RC(+)	18	YL	3534164C1	L	A5P(+)	18	YL	3534164C1	M	A5RB(+)	18	YL	3534164C1	M*	A5R(+)	18	YL	3534164C1										
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Figure 248 Connector Composites (1025), (1026)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.20. CONNECTOR COMPOSITES (1100M), (1101M), (1110M), P. 17

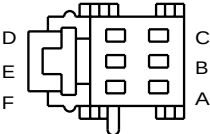
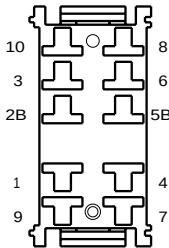
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KEY SWITCH CONNECTOR (1100M) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 3546518C1 BODY LOCK 3546519C1			<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A15</td><td>18</td><td>RD</td><td>1661208C1</td></tr> <tr><td>B*</td><td>A17H</td><td>16</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B#</td><td>A17HA</td><td>16</td><td>PK</td><td>1661208C1</td></tr> <tr><td>C</td><td>A12</td><td>18</td><td>LTBL</td><td>1661208C1</td></tr> <tr><td>D</td><td>A13F</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>D&@</td><td>A13F</td><td>16</td><td>PK</td><td>1661208C1</td></tr> </tbody> </table> * W/ FREEDOM LINE XMSN # W/ MANUAL XMSN & W/ REMOTE START-STOP @ W/ LONESTAR			CAV	CIR	GAUGE	COLOR	TERMINAL	A	A15	18	RD	1661208C1	B*	A17H	16	PK	1661208C1	B#	A17HA	16	PK	1661208C1	C	A12	18	LTBL	1661208C1	D	A13F	18	PK	1661208C1	D&@	A13F	16	PK	1661208C1																																																																	
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SWITCH PACK CONNECTOR (1101M) (LOCATED IN INSTRUMENT PANEL - CENTER)  CONNECTOR 2031871C1 BODY LOCK 2031873C1			<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A11-GKD</td><td>18</td><td>WH</td><td>1661261C1</td></tr> <tr><td>B</td><td>A12F</td><td>18</td><td>LTBL</td><td>1661261C1</td></tr> <tr><td>C</td><td>A62DB</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>D*</td><td>A3AA(+)</td><td>20</td><td>DKBL</td><td>3544254C1</td></tr> <tr><td>D</td><td>A3A(+)</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>E*</td><td>A3AA(-)</td><td>20</td><td>GY</td><td>3544254C1</td></tr> <tr><td>E</td><td>A3A(-)</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> * W/ POWER DOOR LOCK & WINDOWS			CAV	CIR	GAUGE	COLOR	TERMINAL	A	A11-GKD	18	WH	1661261C1	B	A12F	18	LTBL	1661261C1	C	A62DB	18	DKBL	1661261C1	D*	A3AA(+)	20	DKBL	3544254C1	D	A3A(+)	18	DKBL	1661261C1	E*	A3AA(-)	20	GY	3544254C1	E	A3A(-)	18	GY	1661261C1	F	-	-	-	-																																																							
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AUX TRAILER SOCKET SWITCH CONNECTOR (1110M) (LOCATED IN INSTRUMENT PANEL CENTER)  CONNECTOR 3520850C1 * TRAILER SOCKET W/ SWITCH CONTROLLED CENTER PIN % CRIMPED TOGETHER # W/ AUX ISO TRAILER SOCKET @ W/ LONESTAR			<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A72D</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>2B</td><td>A109C</td><td>18</td><td>GY</td><td>1661224C1</td></tr> <tr><td>2B*</td><td>A72EB</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>2B#@</td><td>A72B</td><td>16</td><td>OR</td><td>1661226C1</td></tr> <tr><td></td><td>A72-F</td><td>16</td><td>OR</td><td>1661226C1</td></tr> <tr><td>3%#@</td><td>A72-FA</td><td>18</td><td>OR</td><td>1661226C1</td></tr> <tr><td></td><td>A72ED</td><td>18</td><td>OR</td><td>3541250C1</td></tr> <tr><td>3*%</td><td>A72EC</td><td>18</td><td>OR</td><td>3541250C1</td></tr> <tr><td>3</td><td>A72C</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>A72B</td><td>14</td><td>OR</td><td>1661226C1</td></tr> <tr><td>7*</td><td>A72ED</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>7#@</td><td>A72FA</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>8</td><td>A62SC</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>9</td><td>A72-G</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>9#@</td><td>A72GB</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>10</td><td>A72-GB</td><td>18</td><td>WH</td><td>1661224C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	A72D	18	OR	1661224C1	2B	A109C	18	GY	1661224C1	2B*	A72EB	18	OR	1661224C1	2B#@	A72B	16	OR	1661226C1		A72-F	16	OR	1661226C1	3%#@	A72-FA	18	OR	1661226C1		A72ED	18	OR	3541250C1	3*%	A72EC	18	OR	3541250C1	3	A72C	18	OR	1661224C1	4	-	-	-	-	5B	-	-	-	-	6	-	-	-	-	7	A72B	14	OR	1661226C1	7*	A72ED	18	OR	1661224C1	7#@	A72FA	18	OR	1661224C1	8	A62SC	18	DKBL	1661224C1	9	A72-G	18	WH	1661224C1	9#@	A72GB	18	WH	1661224C1	10	A72-GB	18	WH	1661224C1
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Figure 249 Connector Composites (1100M), (1101M), (1110M)

14.21. CONNECTOR COMPOSITES (1111M), (1112M), (1113M), P. 18

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																						
PANIC BUTTON (1111M) (LOCATED IN INSTRUMENT PANEL CENTER) CONNECTOR 3520850C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2B*</td><td>A98NS</td><td>18</td><td>BK</td><td>1661224C1</td></tr> <tr><td>2B#</td><td>A11-GSA</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>3#</td><td>A98J</td><td>18</td><td>BK</td><td>1661224C1</td></tr> <tr><td>3*</td><td>A98Z</td><td>18</td><td>BK</td><td>1661224C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7#</td><td>A62SDA</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>7*</td><td>A98NL</td><td>18</td><td>BK</td><td>1661224C1</td></tr> <tr><td>8#%</td><td>A62SDA</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr> <tr><td></td><td>A62SD</td><td>18</td><td>DKBL</td><td></td></tr> <tr><td>8*</td><td>A62N</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10#</td><td>A11-GSB</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>10*</td><td>A11-GN</td><td>18</td><td>WH</td><td>1661224C1</td></tr> </tbody> </table> * W/ TELEMATICS ALERT SWITCH # W/ QUALCOMM PANIC BUTTON % CRIMPED TOGETHER				CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2B*	A98NS	18	BK	1661224C1	2B#	A11-GSA	18	WH	1661224C1	3#	A98J	18	BK	1661224C1	3*	A98Z	18	BK	1661224C1	4	-	-	-	-	5B	-	-	-	-	6	-	-	-	-	7#	A62SDA	18	DKBL	1661224C1	7*	A98NL	18	BK	1661224C1	8#%	A62SDA	18	DKBL	3541250C1		A62SD	18	DKBL		8*	A62N	18	DKBL	1661224C1	9	-	-	-	-	10#	A11-GSB	18	WH	1661224C1	10*	A11-GN	18	WH	1661224C1
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7*	A98NL	18	BK	1661224C1																																																																																				
8#%	A62SDA	18	DKBL	3541250C1																																																																																				
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10#	A11-GSB	18	WH	1661224C1																																																																																				
10*	A11-GN	18	WH	1661224C1																																																																																				
SPARE # 1 (1112M) (LOCATED IN INSTRUMENT PANEL CENTER) CONNECTOR 3520850C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2B</td><td>A14SA</td><td>18</td><td>RD</td><td>1661224C1</td></tr> <tr><td>3%</td><td>A14SAA</td><td>18</td><td>RD</td><td>3541250C1</td></tr> <tr><td></td><td>A14SAB</td><td>18</td><td>RD</td><td>3541250C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>A14SAA</td><td>18</td><td>RD</td><td>1661224C1</td></tr> <tr><td>8</td><td>A62SA</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>9</td><td>A14-GSA</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> % CRIMPED TOGETHER				CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2B	A14SA	18	RD	1661224C1	3%	A14SAA	18	RD	3541250C1		A14SAB	18	RD	3541250C1	4	-	-	-	-	5B	-	-	-	-	6	-	-	-	-	7	A14SAA	18	RD	1661224C1	8	A62SA	18	DKBL	1661224C1	9	A14-GSA	18	WH	1661224C1	10	-	-	-	-																									
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SPARE # 2 (1113M) (LOCATED IN INSTRUMENT PANEL CENTER) CONNECTOR 3520850C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2B</td><td>A14SB</td><td>18</td><td>RD</td><td>1661224C1</td></tr> <tr><td>3%</td><td>A14SBB</td><td>18</td><td>RD</td><td>3541250C1</td></tr> <tr><td></td><td>A14SBA</td><td>18</td><td>RD</td><td>3541250C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>A14SBA</td><td>18</td><td>RD</td><td>1661224C1</td></tr> <tr><td>8</td><td>A62SB</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>9</td><td>A14-GSC</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> % CRIMPED TOGETHER				CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2B	A14SB	18	RD	1661224C1	3%	A14SBB	18	RD	3541250C1		A14SBA	18	RD	3541250C1	4	-	-	-	-	5B	-	-	-	-	6	-	-	-	-	7	A14SBA	18	RD	1661224C1	8	A62SB	18	DKBL	1661224C1	9	A14-GSC	18	WH	1661224C1	10	-	-	-	-																									
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Figure 250 Connector Composites (1111M), (1112M), (1113M)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.22. CONNECTOR COMPOSITES (1114M), (1115M), (1116M), (1117M), P. 19

INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN				
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Figure 251 Connector Composites (1114M), (1115M), (1116M), (1117M)

14.23. CONNECTOR COMPOSITES (1200), (1210), (1215), P. 20

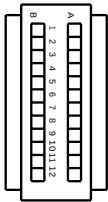
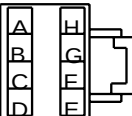
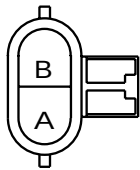
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HVAC MAIN CAB CONTROL CONNECTOR (1200) (LOCATED IN INSTRUMENT PANEL CENTER)  CONNECTOR 3534302C1 BODY LOCK 3539892C1 3539893C1										<table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A1</td><td>A73A</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr><tr><td>A2</td><td>A75D</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr><tr><td>A3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>A4</td><td>A77A</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr><tr><td>A5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>A6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>A7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>A8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>A9</td><td>A77C</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr><tr><td>A10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>A11</td><td>A75AB</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr><tr><td>A12</td><td>A62DA</td><td>18</td><td>DKBL</td><td>3522073C1</td></tr><tr><td>B1</td><td>A74D</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr><tr><td>B2</td><td>A74E</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr><tr><td>B3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>B4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>B5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>B6</td><td>A74-G</td><td>18</td><td>WH</td><td>3522073C1</td></tr><tr><td>B7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>B8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>B9</td><td>A74</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr><tr><td>B10</td><td>A74A</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr><tr><td>B11</td><td>A74B</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr><tr><td>B12</td><td>A74C</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr></tbody></table>										CAV	CIR	GAUGE	COLOR	TERMINAL	A1	A73A	18	LTGN	3522073C1	A2	A75D	18	LTGN	3522073C1	A3	-	-	-	-	A4	A77A	20	LTGN	3534303C1	A5	-	-	-	-	A6	-	-	-	-	A7	-	-	-	-	A8	-	-	-	-	A9	A77C	20	LTGN	3534303C1	A10	-	-	-	-	A11	A75AB	18	LTGN	3522073C1	A12	A62DA	18	DKBL	3522073C1	B1	A74D	18	LTGN	3522073C1	B2	A74E	18	LTGN	3522073C1	B3	-	-	-	-	B4	-	-	-	-	B5	-	-	-	-	B6	A74-G	18	WH	3522073C1	B7	-	-	-	-	B8	-	-	-	-	B9	A74	18	LTGN	3522073C1	B10	A74A	18	LTGN	3522073C1	B11	A74B	18	LTGN	3522073C1	B12	A74C	18	LTGN	3522073C1
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HVAC UNIT CONNECTOR (1210) (LOCATED IN INSTRUMENT PANEL RIGHT SIDE)  CONNECTOR 2005835C1 BODY LOCK 2006503C1										<table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A74</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr><tr><td>B</td><td>A74A</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr><tr><td>C</td><td>A74B</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr><tr><td>D</td><td>A74C</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr><tr><td>E</td><td>A75</td><td>12</td><td>LTGN</td><td>3566715C1</td></tr><tr><td>F</td><td>A75A</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr><tr><td>G</td><td>A75-G</td><td>12</td><td>WH</td><td>3566715C1</td></tr><tr><td>H</td><td>A75B</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr></tbody></table>										CAV	CIR	GAUGE	COLOR	TERMINAL	A	A74	18	LTGN	1661208C1	B	A74A	18	LTGN	1661208C1	C	A74B	18	LTGN	1661208C1	D	A74C	18	LTGN	1661208C1	E	A75	12	LTGN	3566715C1	F	A75A	18	LTGN	1661208C1	G	A75-G	12	WH	3566715C1	H	A75B	18	LTGN	1661208C1																																																																																
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SLEEPER BLOWER (1215) (LOCATED ON PASSENGER SIDE TRANSITION AREA - SLEEPER)  CONNECTOR 2031522C1 BODY LOCK 2033927C1										<table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>A75C</td><td>10</td><td>LTGN</td><td>2031531C1</td><td>2025427C1</td></tr><tr><td>B</td><td>A75-GC</td><td>10</td><td>WH</td><td>2031531C1</td><td>2025427C1</td></tr></tbody></table>										CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A75C	10	LTGN	2031531C1	2025427C1	B	A75-GC	10	WH	2031531C1	2025427C1																																																																																																											
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Figure 252 Connector Composites (1200), (1210), (1215)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.24. CONNECTOR COMPOSITES (1300), (1301), P. 21

INTERNATIONAL TRUCK AND ENGINE CORPORATION

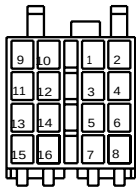
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ELECTRICAL CIRCUIT DIAGRAM

CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN

CHAPTER 14

RADIO CONNECTION
(1300)
(LOCATED IN INSTRUMENT PANEL CENTER)

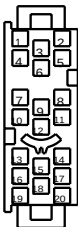


CONNECTOR 3597143C1
BODY LOCK - N/A

W/ SLEEPER SPEAKER
* W/ DAYCAB SPEAKER

CAV	CIR	GAUGE	COLOR	TERMINAL
1	A86(+)	18	YL	3597102C1
1	A86E(+)	18	YL	3597102C1
1	A86C(+)	18	YL	3597102C1
2	A86(-)	18	GN	3597102C1
2	A86E(-)	18	GN	3597102C1
2	A86C(-)	18	GN	3597102C1
3	A54D	18	BN	3597102C1
4	A86AE	18	LTGN	3597102C1
5	A86AA	18	LTGN	3597102C1
6	A62DC	18	DKBL	3597102C1
7	A86P	18	LTGN	3597102C1
8	A86-G	18	WH	3597102C1
9#	A86DB	18	LTGN	3597102C1
9*	A86DA	18	LTGN	3597102C1
10#	A86EB	18	LTGN	3597102C1
10*	A86EA	18	LTGN	3597102C1
11	A86K	18	LTGN	3597102C1
12	A86L	18	LTGN	3597102C1
13	A86H	18	LTGN	3597102C1
14	A86J	18	LTGN	3597102C1
15*	A86BA	18	LTGN	3597102C1
15#	A86BB	18	LTGN	3597102C1
16*	A86CA	18	LTGN	3597102C1
16#	A86CB	18	LTGN	3597102C1

RADIO CONNECTION
(1301)
(LOCATED IN INSTRUMENT PANEL CENTER)



CONNECTOR 3600061C1

* W/DRIVER DISPLAY

CAV	CIR	GAUGE	COLOR	TERMINAL
1	-	-	-	-
2	A86AC	18	LTGN	3600062C1
2*	A86AC	20	LTGN	3600062C1
3	-	-	-	-
4	-	-	-	-
5	A86	20	LTGN	3600062C1
6	-	-	-	-
7	A86LSIG	18	LTGN	3600062C1
7	A86AA	18	LTGN	3600062C1
7*	A86AA	20	LTGN	3600062C1
8	86LAUD	18	LTGN	3600062C1
8	A86-GS1	18	LTGN	3600062C1
8	A86GND	18	LTGN	3600062C1
9	A86-GS2	18	LTGN	3600062C1
9	A86AC	18	LTGN	3600062C1
9*	A86AC	20	LTGN	3600062C1
9	A86COM	18	LTGN	3600062C1
10	A86RSIG	18	LTGN	3600062C1
10	A86RAUD	18	LTGN	3600062C1
10	A86AB	18	LTGN	3600062C1
10*	A86AB	20	LTGN	3600062C1
11	A86AD	20	LTGN	3600062C1
12	-	-	-	-
13	-	-	-	-
14	-	-	-	-
15	-	-	-	-
16	-	-	-	-
17	-	-	-	-
18	-	-	-	-
19	-	-	-	-
20	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
DLV1	19NOV09	RVSD: RMVD 1305 AND	C	63656A	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
	1378. ADDED 1300.				59637L	DATE
						PART NO.

Figure 253 Connector Composites (1300), (1301)

14.25. CONNECTOR COMPOSITES (1305), (1378), P. 21A

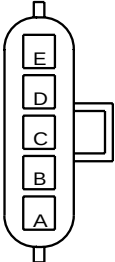
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																				
BUNK FAN (1305) (LOCATED IN ROOF ON PASSENGER SIDE - SLEEPER)																																					
	<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>H76</td><td>18</td><td>BK</td><td>0333732C1</td></tr><tr><td>B</td><td>H76-G</td><td>18</td><td>WH</td><td>0333732C1</td></tr></tbody></table>	CAV	CIR	GAUGE	COLOR	TERMINAL	A	H76	18	BK	0333732C1	B	H76-G	18	WH	0333732C1																					
CAV	CIR	GAUGE	COLOR	TERMINAL																																	
A	H76	18	BK	0333732C1																																	
B	H76-G	18	WH	0333732C1																																	
CONNECTOR 0969541R1																																					
COOLANT MODULE (1378) (LOCATED AT UPPER LEFT SIDE OF ENGINE)																																					
	<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>K97FB</td><td>18</td><td>VT</td><td>2033819C1</td><td>1652325C1</td></tr><tr><td>B</td><td>K34</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr><tr><td>C</td><td>K34E</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr><tr><td>D</td><td>K34A2</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr><tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr></tbody></table>	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K97FB	18	VT	2033819C1	1652325C1	B	K34	16	TN	2033819C1	1652325C1	C	K34E	16	TN	2033819C1	1652325C1	D	K34A2	16	TN	2033819C1	1652325C1	E	PLUG	-	-	0587579C1	-
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
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C	K34E	16	TN	2033819C1	1652325C1																																
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E	PLUG	-	-	0587579C1	-																																
CONNECTOR 1687789C1 BODY LOCK 1661376C1																																					
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						SHEET 21A																															

Figure 254 Connector Composites (1305), (1378)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.26. CONNECTOR COMPOSITES (1400), (1401), (1402), P. 22

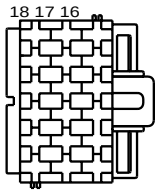
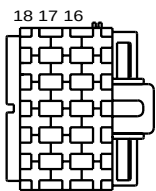
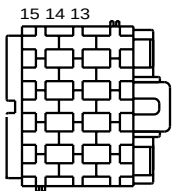
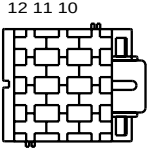
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ABS # 1 (1400) (LOCATED ON RIGHT-SIDE KICK PANEL - ABS MODULE)  3 2 1 CONNECTOR 3596926C1 BODY LOCK 3562309C1			<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A94-GA</td><td>12</td><td>WH</td><td>3597157C1</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>A94V</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>4</td><td>A94BN</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>5</td><td>A94BM</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>A5N(-)</td><td>18</td><td>GN</td><td>3598072C1</td></tr> <tr><td>8</td><td>A5N(+)</td><td>18</td><td>YL</td><td>3598072C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>A94BH</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>11</td><td>A94BF</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>12</td><td>A94-GB</td><td>16</td><td>WH</td><td>3548970C1</td></tr> <tr><td>13</td><td>A3BA(-)</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>14</td><td>A3BA(+)</td><td>18</td><td>DKBL</td><td>3598072C1</td></tr> <tr><td>15</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>16</td><td>A94AY</td><td>12</td><td>GY</td><td>3597157C1</td></tr> <tr><td>17</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>18</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	A94-GA	12	WH	3597157C1	2	-	-	-	-	3	A94V	18	GY	3598072C1	4	A94BN	18	GY	3598072C1	5	A94BM	18	GY	3598072C1	6	-	-	-	-	7	A5N(-)	18	GN	3598072C1	8	A5N(+)	18	YL	3598072C1	9	-	-	-	-	10	A94BH	16	GY	3598073C1	11	A94BF	16	GY	3598073C1	12	A94-GB	16	WH	3548970C1	13	A3BA(-)	18	GY	3598072C1	14	A3BA(+)	18	DKBL	3598072C1	15	-	-	-	-	16	A94AY	12	GY	3597157C1	17	-	-	-	-	18	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																																																
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ABS # 2 (1401) (LOCATED ON RIGHT-SIDE KICK PANEL ABS MODULE)  3 2 1 CONNECTOR 3596929C1			<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A94B</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>2</td><td>A94</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>3</td><td>A94A</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>4</td><td>A94K</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>5</td><td>A94C</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>6</td><td>A94J</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>7</td><td>A94H</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>8</td><td>A94D</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>9</td><td>A94BK</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>10</td><td>A94BL</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>11</td><td>A94E</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>12</td><td>A94BB</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>13</td><td>A94BJ</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>14</td><td>A94F</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>15</td><td>A94BE</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>16</td><td>A94BC</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>17</td><td>A94BA</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>18</td><td>A94BD</td><td>16</td><td>GY</td><td>3598073C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	A94B	18	GY	3598072C1	2	A94	18	GY	3598072C1	3	A94A	18	GY	3598072C1	4	A94K	18	GY	3598072C1	5	A94C	16	GY	3598073C1	6	A94J	18	GY	3598072C1	7	A94H	18	GY	3598072C1	8	A94D	16	GY	3598073C1	9	A94BK	18	GY	3598072C1	10	A94BL	18	GY	3598072C1	11	A94E	16	GY	3598073C1	12	A94BB	18	GY	3598072C1	13	A94BJ	18	GY	3598072C1	14	A94F	16	GY	3598073C1	15	A94BE	16	GY	3598073C1	16	A94BC	18	GY	3598072C1	17	A94BA	18	GY	3598072C1	18	A94BD	16	GY	3598073C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																																																
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3	A94A	18	GY	3598072C1																																																																																																
4	A94K	18	GY	3598072C1																																																																																																
5	A94C	16	GY	3598073C1																																																																																																
6	A94J	18	GY	3598072C1																																																																																																
7	A94H	18	GY	3598072C1																																																																																																
8	A94D	16	GY	3598073C1																																																																																																
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CAV	CIR	GAUGE	COLOR	TERMINAL																																																																																																
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8	-	-	-	-																																																																																																
9*	A94BT	16	GY	3598073C1																																																																																																
10*	A94BU	16	GY	3598073C1																																																																																																
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																														
CNA1	14JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																																																														
					59637L	DATE: 06SEP06 PART NO: AE08055906 SHEET: 022																																																																																														

Figure 255 Connector Composites (1400), (1401), (1402)

14.27. CONNECTOR COMPOSITES (1403), (1410), (1420), P. 23

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14			
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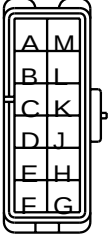
ABS #4
(1403)
(LOCATED ON RIGHT-SIDE KICK PANEL ABS MODULE)



CONNECTOR 3596927C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	A94SZD	16	GY	3598073C1
2	A94SE	18	GY	3598072C1
3	A94SH	16	GY	3598073C1
4	A94SVD	16	GY	3598073C1
5	A94SF	16	GY	3598073C1
6	A94SL	18	GY	3598072C1
7	A94SDA	18	GY	3598072C1
8	A94SBA	18	GY	3598072C1
9	A94SM	18	GY	3598072C1
10	A94SCA	18	GY	3598072C1
11	A94SAA	18	GY	3598072C1
12	A94SN	18	GY	3598072C1

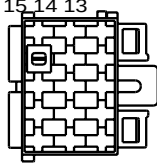
ABS ATC & RSP
SPLICE PACK
(1410)
(LOCATED IN INSTRUMENT PANEL - CENTER)



CONNECTOR 3601838C1
BODY LOCK 3601839C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	A94SAA	18	GY	3534164C1
B	A94SAB	18	GY	3534164C1
C	A94SA	18	GY	3534164C1
D	A94SCA	18	GY	3534164C1
E	A94SCB	18	GY	3534164C1
F	A94SC	18	GY	3534164C1
G	A94SBA	18	GY	3534164C1
H	A94SBB	18	GY	3534164C1
J	A94SB	18	GY	3534164C1
K	A94SDA	18	GY	3534164C1
L	A94SDB	18	GY	3534164C1
M	A94SD	18	GY	3534164C1

WABCO ABS CONN
(1420)
(LOCATED ON RIGHT-SIDE KICK PANEL - ABS MODULE)



CONNECTOR 3557922C1
BODY LOCK 3549120C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A5N(-)	18	GN	3548971C1
2	-	-	-	-
3	A5N(+)	18	YL	3548971C1
4	A94-GB	18	WH	3548971C1
5	-	-	-	-
6	-	-	-	-
7	A94V	18	GY	3548971C1
7*	A94V	14	GY	3548972C1
8	A94AY	18	GY	3548971C1
8*	A94AY	14	GY	3548972C1
9	A94-GA	18	WH	3548969C1
10	A3BA(-)	18	GY	3548971C1
11	A3BA(+)	18	DK BL	3548971C1
12	-	-	-	-
13	-	-	-	-
14	-	-	-	-
15	-	-	-	-

* W/ LONESTAR

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					RELEASE NO. 59637L	DATE 06SEP06 PART NO. AE08055906 SHEET 023

Figure 256 Connector Composites (1403), (1410), (1420)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.28. CONNECTOR COMPOSITES (1421), (1422), (1423), P. 24

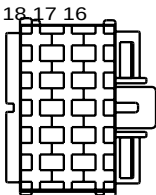
INTERNATIONAL TRUCK AND ENGINE CORPORATION

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CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN

CHAPTER 14

18 17 16



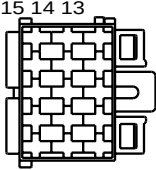
3 2 1

WABCO ABS CONN
(1421)
(LOCATED ON RIGHT -
SIDE KICK PANEL -
ABS MODULE)

CONNECTOR 3557921C1
BODY LOCK 3562309C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A94MK	18	GY	3548971C1
2	A94BC	18	GY	3548971C1
3	A94MB	18	GY	3548971C1
4	A94MH	18	GY	3548971C1
5	A94BA	18	GY	3548971C1
6	A94M	18	GY	3548971C1
7	A94BN	18	GY	3548971C1
8	A94BL	18	GY	3548971C1
9	A94BJ	18	GY	3548971C1
10	A94ME	18	GY	3548971C1
11	A94BD	18	GY	3548971C1
12	A94MC	18	GY	3548971C1
13	A94MF	18	GY	3548971C1
14	A94BF	18	GY	3548971C1
15	A94MD	18	GY	3548971C1
16	A94BM	18	GY	3548971C1
17	A94BH	18	GY	3548971C1
18	A94BF	18	GY	3548971C1

15 14 13



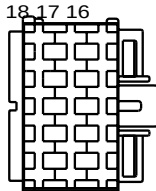
3 2 1

WABCO ABS CONN
(1422)
(LOCATED ON RIGHT-SIDE
KICK PANEL - ABS MODULE)

CONNECTOR 3548978C1
BODY LOCK 3549120C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	-
7	-	-	-	-
8	A94SJ	18	GY	3548971C1
9	-	-	-	-
10	-	-	-	-
11	-	-	-	-
12	-	-	-	-
13	A94SK	18	GY	3548971C1
14	-	-	-	-
15	-	-	-	-

18 17 16



3 2 1

WABCO ABS CONN
(1423)
(LOCATED ON RIGHT -
SIDE KICK PANEL -
ABS MODULE)

CONNECTOR 3846885C1
BODY LOCK 3562309C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	-
7	-	-	-	-
8	GX94BY	18	GY	3548971C1
9	-	-	-	-
10	-	-	-	-
11	GX94-GC	18	WH	3548971C1
12	-	-	-	-
13	-	-	-	-
14	GX94MN	18	GY	3548971C1
15	-	-	-	-
16	-	-	-	-
17	-	-	-	-
18	-	-	-	-

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	07OCT09	W484//ADDED CONN 1423;	B	62556A	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
	CONN 1500,	1501 MOVED TO SHEET 24A.			59637L	

Figure 257 Connector Composites (1421), (1422), (1423)

14.29. CONNECTOR COMPOSITES (1500), (1501), P. 24A

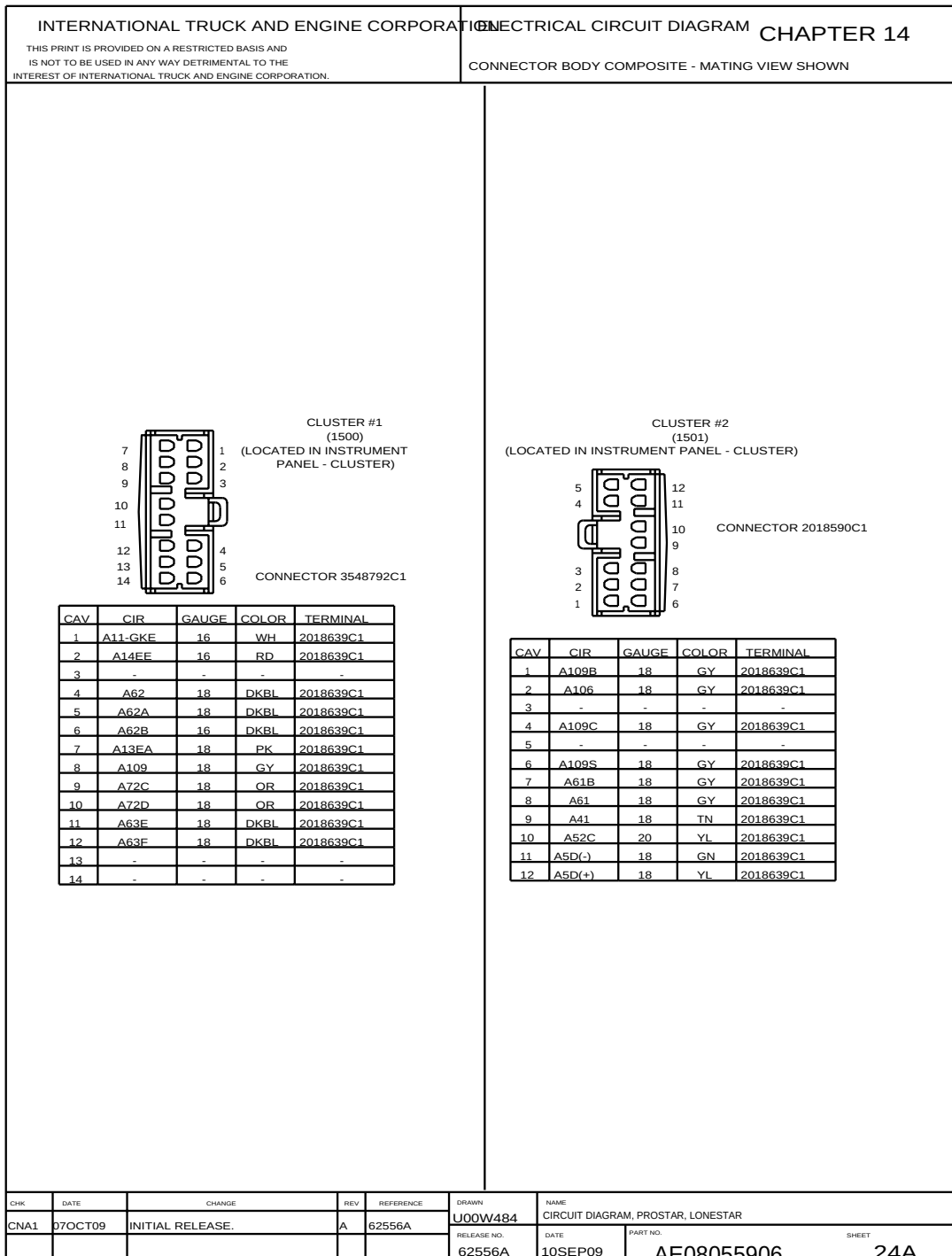


Figure 258 Connector Composites (1500), (1501)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.30. CONNECTOR COMPOSITES (1502), (1510), P. 25

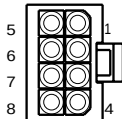
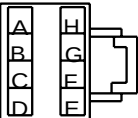
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																								
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																								
SECONDARY INSTRUMENT CLUSTER (1502) (LOCATED IN INSTRUMENT PANEL - CENTER)  CONNECTOR 3534177C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>A14EF</td><td>18</td><td>RD</td><td>3534193C1</td></tr><tr><td>2</td><td>A13EH</td><td>18</td><td>PK</td><td>3534193C1</td></tr><tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>4</td><td>A5J(-)</td><td>18</td><td>GN</td><td>3534193C1</td></tr><tr><td>5</td><td>A11-GSF</td><td>16</td><td>WH</td><td>3534193C1</td></tr><tr><td>6</td><td>A62BH</td><td>18</td><td>DKBL</td><td>3534193C1</td></tr><tr><td>7</td><td>A5J(+)</td><td>18</td><td>YL</td><td>3534193C1</td></tr><tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	A14EF	18	RD	3534193C1	2	A13EH	18	PK	3534193C1	3	-	-	-	-	4	A5J(-)	18	GN	3534193C1	5	A11-GSF	16	WH	3534193C1	6	A62BH	18	DKBL	3534193C1	7	A5J(+)	18	YL	3534193C1	8	-	-	-	-										
CAV	CIR	GAUGE	COLOR	TERMINAL																																																								
1	A14EF	18	RD	3534193C1																																																								
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5	A11-GSF	16	WH	3534193C1																																																								
6	A62BH	18	DKBL	3534193C1																																																								
7	A5J(+)	18	YL	3534193C1																																																								
8	-	-	-	-																																																								
RIGHT BANK OPTIONAL WARNING LIGHTS (1510) (LOCATED IN INSTRUMENT PANEL - RIGHT REAR OF CLUSTER)  CONNECTOR 2005835C1 BODY LOCK 2006503C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A63-GC</td><td>18</td><td>WH</td><td>1661208C1</td></tr><tr><td>B</td><td>A13BA</td><td>20</td><td>PK</td><td>1661208C1</td></tr><tr><td>C</td><td>A13BB</td><td>20</td><td>PK</td><td>1661208C1</td></tr><tr><td>D</td><td>A13BC</td><td>20</td><td>PK</td><td>1661208C1</td></tr><tr><td>E</td><td>A49</td><td>18</td><td>GY</td><td>1661208C1</td></tr><tr><td>E*</td><td>A95H</td><td>18</td><td>TN</td><td>1661208C1</td></tr><tr><td>F</td><td>A24A</td><td>18</td><td>GY</td><td>1661208C1</td></tr><tr><td>G</td><td>A49A</td><td>18</td><td>GY</td><td>1661208C1</td></tr><tr><td>G*</td><td>A95F</td><td>18</td><td>TN</td><td>1661208C1</td></tr><tr><td>H</td><td>A63AW</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr></tbody></table> * W/ LONESTAR						CAV	CIR	GAUGE	COLOR	TERMINAL	A	A63-GC	18	WH	1661208C1	B	A13BA	20	PK	1661208C1	C	A13BB	20	PK	1661208C1	D	A13BC	20	PK	1661208C1	E	A49	18	GY	1661208C1	E*	A95H	18	TN	1661208C1	F	A24A	18	GY	1661208C1	G	A49A	18	GY	1661208C1	G*	A95F	18	TN	1661208C1	H	A63AW	18	DKBL	1661208C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																								
A	A63-GC	18	WH	1661208C1																																																								
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C	A13BB	20	PK	1661208C1																																																								
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E	A49	18	GY	1661208C1																																																								
E*	A95H	18	TN	1661208C1																																																								
F	A24A	18	GY	1661208C1																																																								
G	A49A	18	GY	1661208C1																																																								
G*	A95F	18	TN	1661208C1																																																								
H	A63AW	18	DKBL	1661208C1																																																								
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRAWN</th><th>NAME</th></tr></thead><tbody><tr><td>CNA1</td><td>20JAN09</td><td>ADDED LONESTAR EFFECT</td><td>A</td><td>61254R</td><td>U00K640</td><td>CIRCUIT DIAGRAM, PROSTAR, LONESTAR</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>RELEASE NO. 59637L</td><td>DATE 06SEP06 PART NO. AE08055906 SHEET 025</td></tr></tbody></table>						CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA1	20JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR						RELEASE NO. 59637L	DATE 06SEP06 PART NO. AE08055906 SHEET 025																																		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																						
CNA1	20JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																						
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Figure 259 Connector Composites (1502), (1510)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.31. CONNECTOR COMPOSITES (1511), (1550), (1556), P. 26

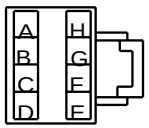
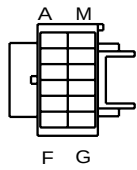
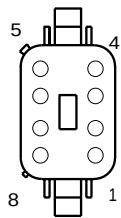
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																							
LEFT BANK OPTIONAL WARNING LIGHTS (1511) (LOCATED IN INSTRUMENT PANEL - LEFT REAR OF CLUSTER)  CONNECTOR 2005835C1 BODY LOCK 2006503C1 @@ W/ SLEEPER CAB @ W/ DAY CAB * W/ IDLE REDUCTION # ALTERNATOR WARNING LIGHT ## MOTIENT MOBILE MAX - SLEEPER / DAYCAB <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A*</td><td>A97W</td><td>18</td><td>PL</td><td>1661208C1</td></tr> <tr><td>A#</td><td>A1A</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B</td><td>A13BD</td><td>20</td><td>PK</td><td>1661208C1</td></tr> <tr><td>C</td><td>A13BE</td><td>20</td><td>PK</td><td>1661208C1</td></tr> <tr><td>D</td><td>A13BF</td><td>20</td><td>PK</td><td>1661208C1</td></tr> <tr><td>E</td><td>A49</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>F@</td><td>A98F</td><td>18</td><td>BK</td><td>1661208C1</td></tr> <tr><td>F@@</td><td>A98F</td><td>18</td><td>TN</td><td>1661208C1</td></tr> <tr><td>F##</td><td>A98F</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr><td>G</td><td>A49A</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>H*</td><td>A97V</td><td>18</td><td>PL</td><td>1661208C1</td></tr> <tr><td>H#</td><td>A1</td><td>18</td><td>LTBL</td><td>1661208C1</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A*	A97W	18	PL	1661208C1	A#	A1A	18	PK	1661208C1	B	A13BD	20	PK	1661208C1	C	A13BE	20	PK	1661208C1	D	A13BF	20	PK	1661208C1	E	A49	18	GY	1661208C1	F@	A98F	18	BK	1661208C1	F@@	A98F	18	TN	1661208C1	F##	A98F	18	LTGN	1661208C1	G	A49A	18	GY	1661208C1	H*	A97V	18	PL	1661208C1	H#	A1	18	LTBL	1661208C1					
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																							
A*	A97W	18	PL	1661208C1																																																																							
A#	A1A	18	PK	1661208C1																																																																							
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D	A13BF	20	PK	1661208C1																																																																							
E	A49	18	GY	1661208C1																																																																							
F@	A98F	18	BK	1661208C1																																																																							
F@@	A98F	18	TN	1661208C1																																																																							
F##	A98F	18	LTGN	1661208C1																																																																							
G	A49A	18	GY	1661208C1																																																																							
H*	A97V	18	PL	1661208C1																																																																							
H#	A1	18	LTBL	1661208C1																																																																							
VEHICLE INFORMATION DISPLAY (1550) (LOCATED IN INSTRUMENT PANEL - CENTER)  CONNECTOR 3609945C1 BODY LOCK 3609946C1 3609947C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B</td><td>A12C</td><td>18</td><td>LTBL</td><td>3522073C1</td></tr> <tr><td>C</td><td>A5L(-)</td><td>18</td><td>GN</td><td>3522073C1</td></tr> <tr><td>D</td><td>A3BC(+)</td><td>20</td><td>DKBL</td><td>3534303C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>H</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>J</td><td>A11-GKH</td><td>18</td><td>WH</td><td>3522073C1</td></tr> <tr><td>K</td><td>A3BC(-)</td><td>20</td><td>GY</td><td>3534303C1</td></tr> <tr><td>L</td><td>A5L(+)</td><td>18</td><td>YL</td><td>3522073C1</td></tr> <tr><td>M*</td><td>A14SE</td><td>18</td><td>RD</td><td>3522073C1</td></tr> <tr><td>M</td><td>A14SE</td><td>18</td><td>PK</td><td>3522073C1</td></tr> </tbody> </table> * W/ TIRE PRESSURE						CAV	CIR	GAUGE	COLOR	TERMINAL	A	-	-	-	-	B	A12C	18	LTBL	3522073C1	C	A5L(-)	18	GN	3522073C1	D	A3BC(+)	20	DKBL	3534303C1	E	-	-	-	-	F	-	-	-	-	G	-	-	-	-	H	-	-	-	-	J	A11-GKH	18	WH	3522073C1	K	A3BC(-)	20	GY	3534303C1	L	A5L(+)	18	YL	3522073C1	M*	A14SE	18	RD	3522073C1	M	A14SE	18	PK	3522073C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																							
A	-	-	-	-																																																																							
B	A12C	18	LTBL	3522073C1																																																																							
C	A5L(-)	18	GN	3522073C1																																																																							
D	A3BC(+)	20	DKBL	3534303C1																																																																							
E	-	-	-	-																																																																							
F	-	-	-	-																																																																							
G	-	-	-	-																																																																							
H	-	-	-	-																																																																							
J	A11-GKH	18	WH	3522073C1																																																																							
K	A3BC(-)	20	GY	3534303C1																																																																							
L	A5L(+)	18	YL	3522073C1																																																																							
M*	A14SE	18	RD	3522073C1																																																																							
M	A14SE	18	PK	3522073C1																																																																							
CAT MESSENGER DISPLAY (1556) (LOCATED IN INSTRUMENT PANEL CENTER) (W/ LONESTAR)  CONNECTOR 3534763C1 BODY LOCK 3534766C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A14SE</td><td>18</td><td>RD</td><td>1680205C1</td></tr> <tr><td>2</td><td>A11-GSE</td><td>18</td><td>WH</td><td>1680205C1</td></tr> <tr><td>3</td><td>A13SE</td><td>18</td><td>PK</td><td>1680205C1</td></tr> <tr><td>4</td><td>A62BB</td><td>18</td><td>DKBL</td><td>1680205C1</td></tr> <tr><td>5</td><td>A3BC(-)</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>6</td><td>A3BC(+)</td><td>18</td><td>DKBL</td><td>1680205C1</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	A14SE	18	RD	1680205C1	2	A11-GSE	18	WH	1680205C1	3	A13SE	18	PK	1680205C1	4	A62BB	18	DKBL	1680205C1	5	A3BC(-)	18	GY	1680205C1	6	A3BC(+)	18	DKBL	1680205C1	7	PLUG	-	-	0453133C1	8	PLUG	-	-	0453133C1																									
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Figure 260 Connector Composites (1511), (1550), (1556)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.32. CONNECTOR COMPOSITES (1557), (1600), P. 27

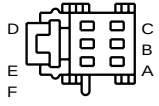
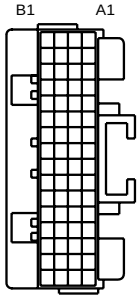
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14																																																																																																																																																																						
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ROAD RELAY FOR DISPLAY POWER (1557) (LOCATED IN INSTRUMENT PANEL - CENTER) (W/ LONESTAR)  CONNECTOR 2031871C1 BODY LOCK 2031873C1				<table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A11-GSE</td><td>18</td><td>WH</td><td>1661261C1</td></tr><tr><td>B</td><td>A14SE</td><td>18</td><td>RD</td><td>1661261C1</td></tr><tr><td>C</td><td>A13SE</td><td>18</td><td>PK</td><td>1661261C1</td></tr><tr><td>D</td><td>A3BC(-)</td><td>20</td><td>GY</td><td>3544254C1</td></tr><tr><td>E</td><td>A3BC(+)</td><td>20</td><td>DKBL</td><td>3544254C1</td></tr><tr><td>F</td><td>A62BB</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr></tbody></table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A11-GSE	18	WH	1661261C1	B	A14SE	18	RD	1661261C1	C	A13SE	18	PK	1661261C1	D	A3BC(-)	20	GY	3544254C1	E	A3BC(+)	20	DKBL	3544254C1	F	A62BB	18	DKBL	1661261C1																																																																																																																																		
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BODY CONTROLLER # J3 (1600) (LOCATED ON LEFT-SIDE KICK PANEL - BODY CONTROLLER)  CONNECTOR 3598706C1 BODY LOCK 1618846C1 1618847C1				<table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A1</td><td>A12CV</td><td>18</td><td>LTBL</td><td>3522073C1</td></tr><tr><td>A2</td><td>A77A</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr><tr><td>A3</td><td>A77C</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr><tr><td>A4</td><td>A52D</td><td>20</td><td>YL</td><td>3534303C1</td></tr><tr><td>A5</td><td>A85A</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>A6</td><td>A57B</td><td>20</td><td>OR</td><td>3534303C1</td></tr><tr><td>A7</td><td>A56B</td><td>20</td><td>OR</td><td>3534303C1</td></tr><tr><td>A8</td><td>A87A</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>A9</td><td>A82A</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>A10</td><td>A82B</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>A11</td><td>A82C</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>A12</td><td>A44</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>A13</td><td>A63A</td><td>18</td><td>DKBL</td><td>3522073C1</td></tr><tr><td>A14</td><td>A102A</td><td>20</td><td>YL</td><td>3534303C1</td></tr><tr><td>A15</td><td>A87B</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>A16</td><td>A13</td><td>18</td><td>PK</td><td>3522073C1</td></tr><tr><td>B1</td><td>A100</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>B2</td><td>A40</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>B3</td><td>A40A</td><td>20</td><td>GY</td><td>3534303C1</td></tr><tr><td>B4</td><td>A97A</td><td>18</td><td>PL</td><td>3522073C1</td></tr><tr><td>B5</td><td>A77E</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr><tr><td>B6</td><td>A30</td><td>16</td><td>TN</td><td>3522073C1</td></tr><tr><td>B7</td><td>A31</td><td>18</td><td>TN</td><td>3522073C1</td></tr><tr><td>B8</td><td>A36B</td><td>18</td><td>TN</td><td>3522073C1</td></tr><tr><td>B9</td><td>A36A</td><td>18</td><td>TN</td><td>3522073C1</td></tr><tr><td>B10</td><td>A32</td><td>18</td><td>TN</td><td>3522073C1</td></tr><tr><td>B11</td><td>A32A</td><td>18</td><td>TN</td><td>3522073C1</td></tr><tr><td>B12</td><td>A77B</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr><tr><td>B13</td><td>A77D</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr><tr><td>B14</td><td>A40B</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>B15</td><td>A75AA</td><td>18</td><td>LTGN</td><td>3522073C2</td></tr><tr><td>B16</td><td>A97</td><td>20</td><td>PL</td><td>3534303C1</td></tr></tbody></table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A1	A12CV	18	LTBL	3522073C1	A2	A77A	20	LTGN	3534303C1	A3	A77C	20	LTGN	3534303C1	A4	A52D	20	YL	3534303C1	A5	A85A	20	GY	3534303C1	A6	A57B	20	OR	3534303C1	A7	A56B	20	OR	3534303C1	A8	A87A	18	GY	3522073C1	A9	A82A	20	GY	3534303C1	A10	A82B	20	GY	3534303C1	A11	A82C	20	GY	3534303C1	A12	A44	20	GY	3534303C1	A13	A63A	18	DKBL	3522073C1	A14	A102A	20	YL	3534303C1	A15	A87B	20	GY	3534303C1	A16	A13	18	PK	3522073C1	B1	A100	20	GY	3534303C1	B2	A40	20	GY	3534303C1	B3	A40A	20	GY	3534303C1	B4	A97A	18	PL	3522073C1	B5	A77E	20	LTGN	3534303C1	B6	A30	16	TN	3522073C1	B7	A31	18	TN	3522073C1	B8	A36B	18	TN	3522073C1	B9	A36A	18	TN	3522073C1	B10	A32	18	TN	3522073C1	B11	A32A	18	TN	3522073C1	B12	A77B	20	LTGN	3534303C1	B13	A77D	20	LTGN	3534303C1	B14	A40B	18	GY	3522073C1	B15	A75AA	18	LTGN	3522073C2	B16	A97	20	PL	3534303C1
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Figure 261 Connector Composites (1557), (1600)

14.33. CONNECTOR COMPOSITE (1601), P. 28

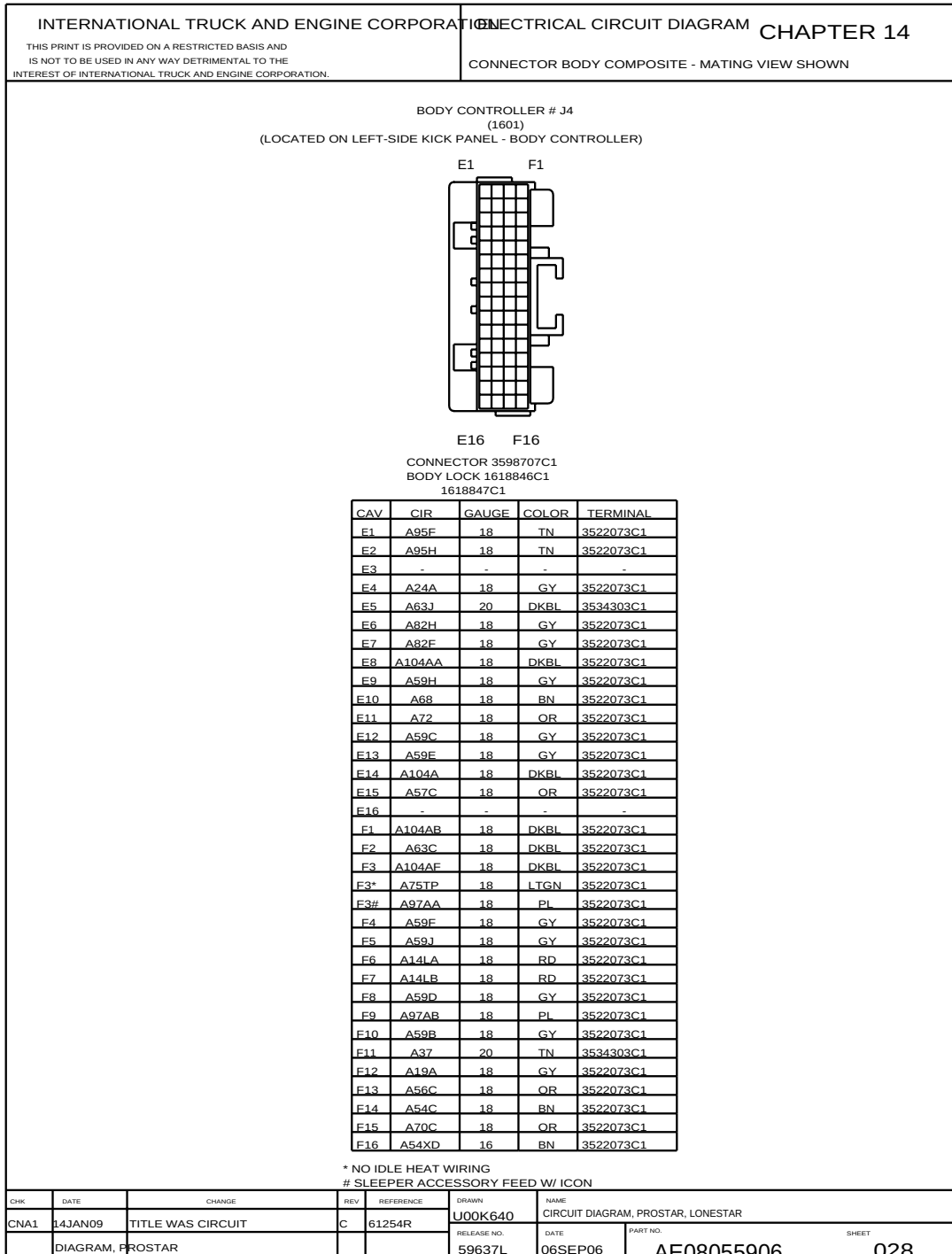


Figure 262 Connector Composite (1601)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.34. CONNECTOR COMPOSITE (1602), P. 29

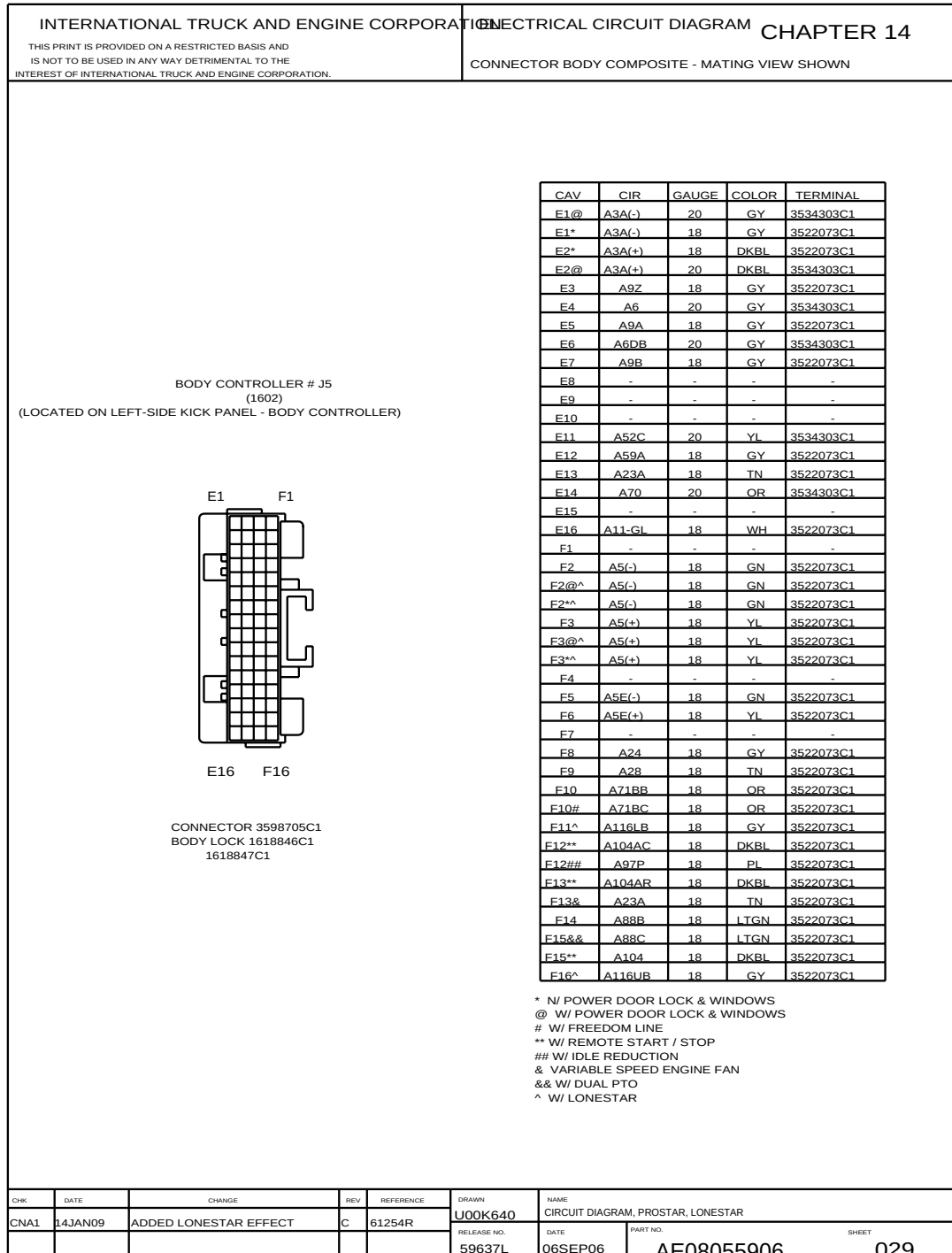


Figure 263 Connector Composite (1602)

14.35. CONNECTOR COMPOSITES (1603), (1604), P. 30

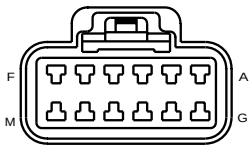
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BODY CONTROLLER # J1 (1603) (LOCATED ON LEFT - SIDE TRIM KICK PANEL - BODY CONTROLLER)  CONNECTOR 3598711C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A@</td><td>A57</td><td>16</td><td>OR</td><td>3544876C1</td></tr> <tr><td>A*</td><td>A57N</td><td>16</td><td>OR</td><td>3544876C1</td></tr> <tr><td>B@</td><td>A56</td><td>16</td><td>OR</td><td>3544876C1</td></tr> <tr><td>B*</td><td>A56N</td><td>16</td><td>OR</td><td>3544876C1</td></tr> <tr><td>C</td><td>A77</td><td>18</td><td>LTGN</td><td>3544876C1</td></tr> <tr><td>D</td><td>A56A</td><td>14</td><td>OR</td><td>3544877C1</td></tr> <tr><td>E</td><td>A85</td><td>16</td><td>GY</td><td>3544876C1</td></tr> <tr><td>F</td><td>A64A</td><td>16</td><td>YL</td><td>3544876C1</td></tr> <tr><td>G</td><td>A65</td><td>18</td><td>OR</td><td>3544876C1</td></tr> <tr><td>G#</td><td>A65AA</td><td>16</td><td>OR</td><td>3544876C1</td></tr> <tr><td>H</td><td>A78A</td><td>16</td><td>LTGN</td><td>3544876C1</td></tr> <tr><td>J</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>K</td><td>A64B</td><td>16</td><td>YL</td><td>3544876C1</td></tr> <tr><td>L</td><td>A78B</td><td>16</td><td>LTGN</td><td>3544876C1</td></tr> <tr><td>M</td><td>A57A</td><td>14</td><td>OR</td><td>3544877C1</td></tr> </tbody> </table> @ N/ COLLISION WARNING * W/ MIRROR MTD TURN # W/ CUSTOMER SUPPLIED LIGHT								CAV	CIR	GAUGE	COLOR	TERMINAL	A@	A57	16	OR	3544876C1	A*	A57N	16	OR	3544876C1	B@	A56	16	OR	3544876C1	B*	A56N	16	OR	3544876C1	C	A77	18	LTGN	3544876C1	D	A56A	14	OR	3544877C1	E	A85	16	GY	3544876C1	F	A64A	16	YL	3544876C1	G	A65	18	OR	3544876C1	G#	A65AA	16	OR	3544876C1	H	A78A	16	LTGN	3544876C1	J	-	-	-	-	K	A64B	16	YL	3544876C1	L	A78B	16	LTGN	3544876C1	M	A57A	14	OR	3544877C1					
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L	A78B	16	LTGN	3544876C1																																																																																								
M	A57A	14	OR	3544877C1																																																																																								
BODY CONTROLLER # J2 (1604) (LOCATED ON LEFT-SIDE TRIM KICK PANEL - BODY CONTROLLER)  CONNECTOR 3598707C1 & 3598710C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A82</td><td>16</td><td>GY</td><td>3544876C1</td></tr> <tr><td>B@</td><td>A53AA</td><td>14</td><td>YL</td><td>3544877C1</td></tr> <tr><td>B*</td><td>A53A</td><td>14</td><td>YL</td><td>3544877C1</td></tr> <tr><td>C@</td><td>A52AA</td><td>14</td><td>YL</td><td>3544877C1</td></tr> <tr><td>C*</td><td>A52A</td><td>14</td><td>YL</td><td>3544877C1</td></tr> <tr><td>D</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>A11-GKC</td><td>12</td><td>WH</td><td>3544877C1</td></tr> <tr><td>F#</td><td>A58C</td><td>16</td><td>BN</td><td>3544876C1</td></tr> <tr><td>F##</td><td>A58C</td><td>18</td><td>BN</td><td>3544876C1</td></tr> <tr><td>G@</td><td>A54</td><td>16</td><td>BN</td><td>3544876C1</td></tr> <tr><td>G*&</td><td>A54</td><td>16</td><td>BN</td><td>3544876C1</td></tr> <tr><td>H@</td><td>A53B</td><td>14</td><td>YL</td><td>3544877C1</td></tr> <tr><td>H*&</td><td>A53B</td><td>14</td><td>YL</td><td>3544877C1</td></tr> <tr><td>J</td><td>A63</td><td>18</td><td>DKBL</td><td>3544876C1</td></tr> <tr><td>K@</td><td>A52B</td><td>14</td><td>YL</td><td>3544877C1</td></tr> <tr><td>K*&</td><td>A52B</td><td>14</td><td>YL</td><td>3544877C1</td></tr> </tbody> </table> @ W/ TRIP MASTER * N/ TRIP MASTER # W/ DAY CAB AIR SHIELD ## W/ SLEEPER CAB AIR SHIELD & W/ LONESTAR								CAV	CIR	GAUGE	COLOR	TERMINAL	A	A82	16	GY	3544876C1	B@	A53AA	14	YL	3544877C1	B*	A53A	14	YL	3544877C1	C@	A52AA	14	YL	3544877C1	C*	A52A	14	YL	3544877C1	D	-	-	-	-	E	A11-GKC	12	WH	3544877C1	F#	A58C	16	BN	3544876C1	F##	A58C	18	BN	3544876C1	G@	A54	16	BN	3544876C1	G*&	A54	16	BN	3544876C1	H@	A53B	14	YL	3544877C1	H*&	A53B	14	YL	3544877C1	J	A63	18	DKBL	3544876C1	K@	A52B	14	YL	3544877C1	K*&	A52B	14	YL	3544877C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																																								
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D	-	-	-	-																																																																																								
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CNA1	14JAN09	ADDED LONESTAR EFFECT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																																																						
					RELEASE NO.	DATE	PART NO.																																																																																					
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Figure 264 Connector Composites (1603), (1604)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.36. CONNECTOR COMPOSITES (1620), (1650), (1657), (1657M), P. 31

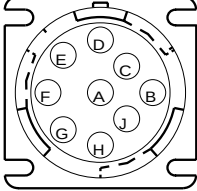
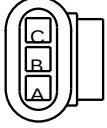
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																								
ZERO VOLT REFERENCE SPLICE (1620) (LOCATED IN INSTRUMENT PANEL - CENTER)  CONNECTOR 2007315C1 BODY LOCK 2007316C1 BODY COVER 2010558C1		<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A9Z</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>B</td><td>A9ZA</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>C</td><td>A9ZB</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>D</td><td>A9R</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>E</td><td>A9P</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>F</td><td>A9FS</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>G</td><td>A116UV</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>H</td><td>A9A</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>J</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	A9Z	18	GY	1661208C1	B	A9ZA	18	GY	1661208C1	C	A9ZB	18	GY	1661208C1	D	A9R	18	GY	1661208C1	E	A9P	18	GY	1661208C1	F	A9FS	18	GY	1661208C1	G	A116UV	18	GY	1661208C1	H	A9A	18	GY	1661208C1	J	-	-	-	-	K	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERMINAL																																																						
A	A9Z	18	GY	1661208C1																																																						
B	A9ZA	18	GY	1661208C1																																																						
C	A9ZB	18	GY	1661208C1																																																						
D	A9R	18	GY	1661208C1																																																						
E	A9P	18	GY	1661208C1																																																						
F	A9FS	18	GY	1661208C1																																																						
G	A116UV	18	GY	1661208C1																																																						
H	A9A	18	GY	1661208C1																																																						
J	-	-	-	-																																																						
K	-	-	-	-																																																						
DIAGNOSTIC CONNECTOR (1650) (LOCATED UNDER INSTRUMENT PANEL LEFT OF STEERING COLUMN)  CONNECTOR 3544066C1		<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A98-G</td><td>18</td><td>WH</td><td>1651968C1</td></tr> <tr><td>B</td><td>A98H</td><td>18</td><td>BK</td><td>1651968C1</td></tr> <tr><td>C</td><td>A5B(+)</td><td>18</td><td>YL</td><td>1651968C1</td></tr> <tr><td>D</td><td>A5B(-)</td><td>18</td><td>GN</td><td>1651968C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>A3B(+)</td><td>18</td><td>DKBL</td><td>1651968C1</td></tr> <tr><td>G</td><td>A3B(-)</td><td>18</td><td>GY</td><td>1651968C1</td></tr> <tr><td>H</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>J</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	A98-G	18	WH	1651968C1	B	A98H	18	BK	1651968C1	C	A5B(+)	18	YL	1651968C1	D	A5B(-)	18	GN	1651968C1	E	-	-	-	-	F	A3B(+)	18	DKBL	1651968C1	G	A3B(-)	18	GY	1651968C1	H	-	-	-	-	J	-	-	-	-					
CAV	CIR	GAUGE	COLOR	TERMINAL																																																						
A	A98-G	18	WH	1651968C1																																																						
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J	-	-	-	-																																																						
J1939 PUBLIC TERMINATING RESISTOR (1657) (LOCATED IN INSTRUMENT PANEL OPPOSITE TO FUSEBLOCK - CENTER) (W/ PROSTAR)  CONNECTOR 1667741C1 BODY LOCK 1667771C1		<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A5SB(+)</td><td>18</td><td>YL</td><td>1661875C1</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>A5SB(-)</td><td>18</td><td>GN</td><td>1661875C1</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	A5SB(+)	18	YL	1661875C1	B	-	-	-	-	C	A5SB(-)	18	GN	1661875C1																																			
CAV	CIR	GAUGE	COLOR	TERMINAL																																																						
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B	-	-	-	-																																																						
C	A5SB(-)	18	GN	1661875C1																																																						
J1939 PRIVATE TERMINATING RESISTOR (1657M) (LOCATED IN INSTRUMENT PANEL OPPOSITE TO FUSEBLOCK - CENTER) (W/ LONESTAR)  CONNECTOR 1667741C1 BODY LOCK 1667771C1		<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A5SB(+)</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>A5SB(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL	A	A5SB(+)	18	YL	1661875C1	3568570C	B	-	-	-	-	-	C	A5SB(-)	18	GN	1661875C1	3568570C																															
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																				
DLV1	19NOV09	RVSD 1620: WAS CONN	C	63656A	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																				
	2006789C1.	LOCK 2006792C1.			59637L	DATE	PART NO.																																																			
						06SEP06	AE08055906																																																			
							031																																																			

Figure 265 Connector Composites (1620), (1650), (1657), (1657M)

14.37. CONNECTOR COMPOSITES (1660), (1661), P. 32

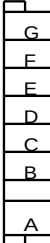
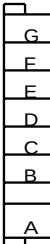
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																		
J1708 PUBLIC(+) CONNECTOR (1660) (LOCATED IN INSTRUMENT PANEL LEFT SIDE)  <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A3B(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>B*</td><td>A98A(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>B</td><td>A3BA(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>B**</td><td>A3BD(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>C</td><td>A3H(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>D#</td><td>A3BC(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>D##</td><td>A3BC(+)</td><td>20</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>E@</td><td>A3BN(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>E</td><td>A3BD(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>F*</td><td>A3BE(+)</td><td>20</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>F**</td><td>A3BD(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>G</td><td>A3BF(+)</td><td>20</td><td>DKBL</td><td>1661208C1</td></tr> </tbody> </table> CONNECTOR 2006789C1 BODY LOCK 2006792C1 * W/ DAY CAB ** W/ SLEEPER # W/ CAT ENGINE DISPLAY ## W/ CUMMINS ENGINE DISPLAY @ W/ TELEMATICS						CAV	CIR	GAUGE	COLOR	TERMINAL	A	A3B(+)	18	DKBL	1661208C1	B*	A98A(+)	18	DKBL	1661208C1	B	A3BA(+)	18	DKBL	1661208C1	B**	A3BD(+)	18	DKBL	1661208C1	C	A3H(+)	18	DKBL	1661208C1	D#	A3BC(+)	18	DKBL	1661208C1	D##	A3BC(+)	20	DKBL	1661208C1	E@	A3BN(+)	18	DKBL	1661208C1	E	A3BD(+)	18	DKBL	1661208C1	F*	A3BE(+)	20	DKBL	1661208C1	F**	A3BD(+)	18	DKBL	1661208C1	G	A3BF(+)	20	DKBL	1661208C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																		
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D##	A3BC(+)	20	DKBL	1661208C1																																																																		
E@	A3BN(+)	18	DKBL	1661208C1																																																																		
E	A3BD(+)	18	DKBL	1661208C1																																																																		
F*	A3BE(+)	20	DKBL	1661208C1																																																																		
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J1708 PUBLIC(-) CONNECTOR (1661) (LOCATED IN INSTRUMENT PANEL LEFT SIDE)  <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A3B(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>B*</td><td>A98B(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>B</td><td>A3BA(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>B**</td><td>A98BD(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>C</td><td>A3H(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>D#</td><td>A3BC(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>D##</td><td>A3BC(-)</td><td>20</td><td>GY</td><td>1661208C1</td></tr> <tr><td>E@</td><td>A3BN(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>E</td><td>A3BD(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>F*</td><td>A3BD(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>F**</td><td>A3BE(-)</td><td>20</td><td>GY</td><td>1661208C1</td></tr> <tr><td>G</td><td>A3BF(-)</td><td>20</td><td>GY</td><td>1661208C1</td></tr> </tbody> </table> CONNECTOR 2006789C1 BODY LOCK 2006792C1 * W/ DAY CAB ** W/ SLEEPER # W/ CAT ENGINE DISPLAY ## W/ CUMMINS ENGINE DISPLAY @ W/ TELEMATICS						CAV	CIR	GAUGE	COLOR	TERMINAL	A	A3B(-)	18	GY	1661208C1	B*	A98B(-)	18	GY	1661208C1	B	A3BA(-)	18	GY	1661208C1	B**	A98BD(-)	18	GY	1661208C1	C	A3H(-)	18	GY	1661208C1	D#	A3BC(-)	18	GY	1661208C1	D##	A3BC(-)	20	GY	1661208C1	E@	A3BN(-)	18	GY	1661208C1	E	A3BD(-)	18	GY	1661208C1	F*	A3BD(-)	18	GY	1661208C1	F**	A3BE(-)	20	GY	1661208C1	G	A3BF(-)	20	GY	1661208C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																		
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D##	A3BC(-)	20	GY	1661208C1																																																																		
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN U00K640 RELEASE NO. 59637L NAME CIRCUIT DIAGRAM, PROSTAR, LONESTAR DATE 06SEP06 PART NO. AE08055906 SHEET 032																																																																	

Figure 266 Connector Composites (1660), (1661)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.38. CONNECTOR COMPOSITE (1700), P. 33

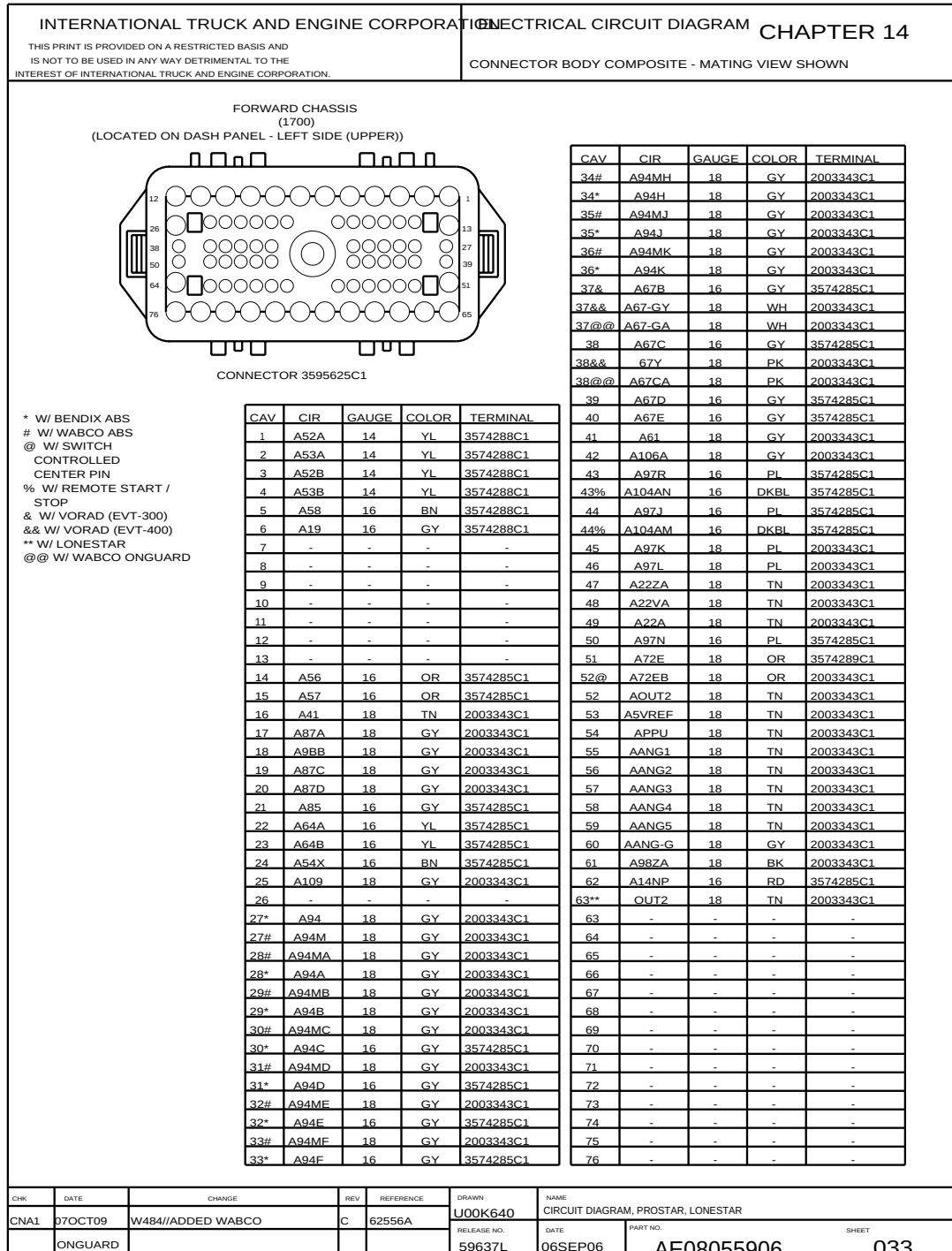


Figure 267 Connector Composite (1700)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.39. CONNECTOR COMPOSITE (1700F), P. 34

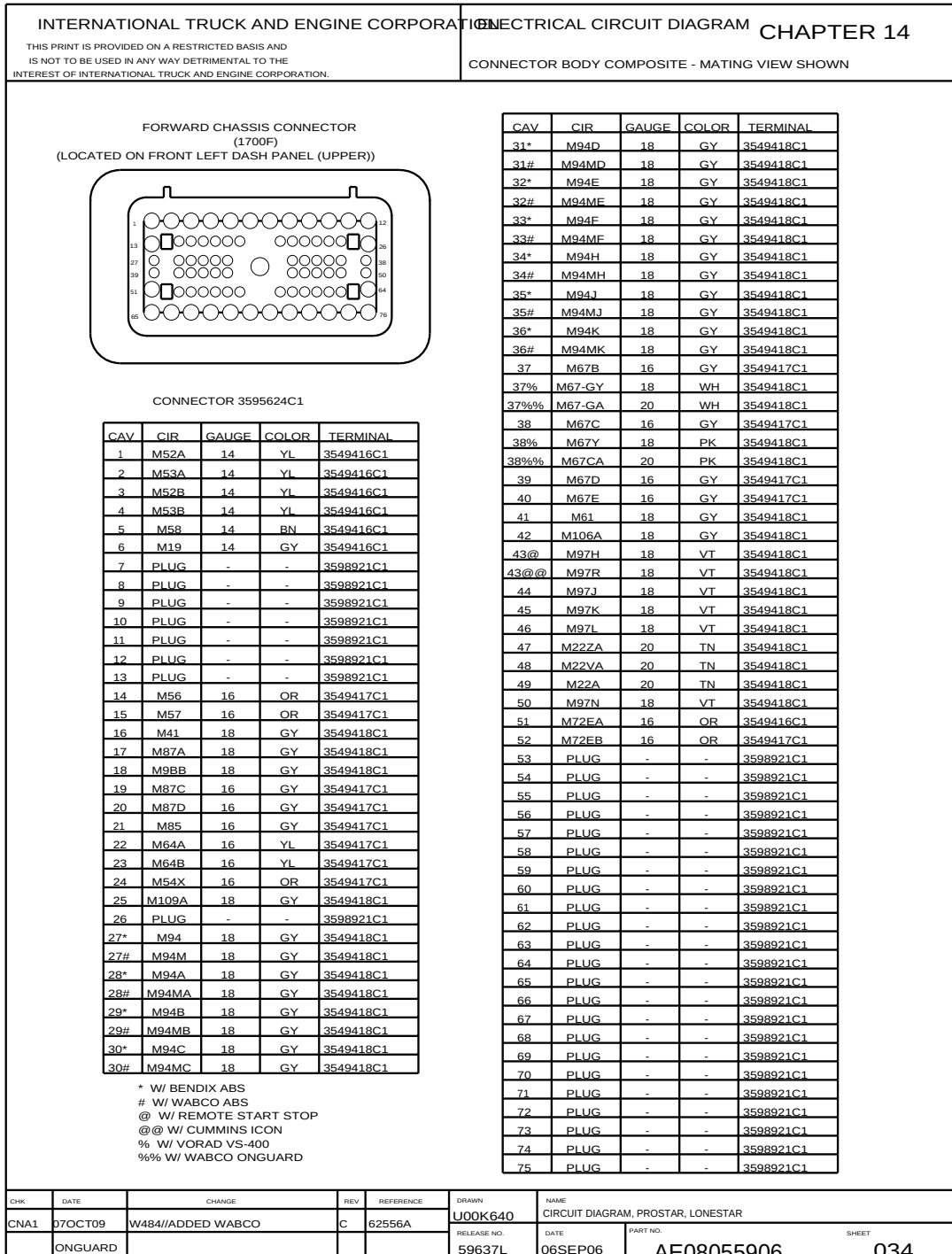


Figure 268 Connector Composite (1700F)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

269

14.40. CONNECTOR COMPOSITE (1701), P. 35

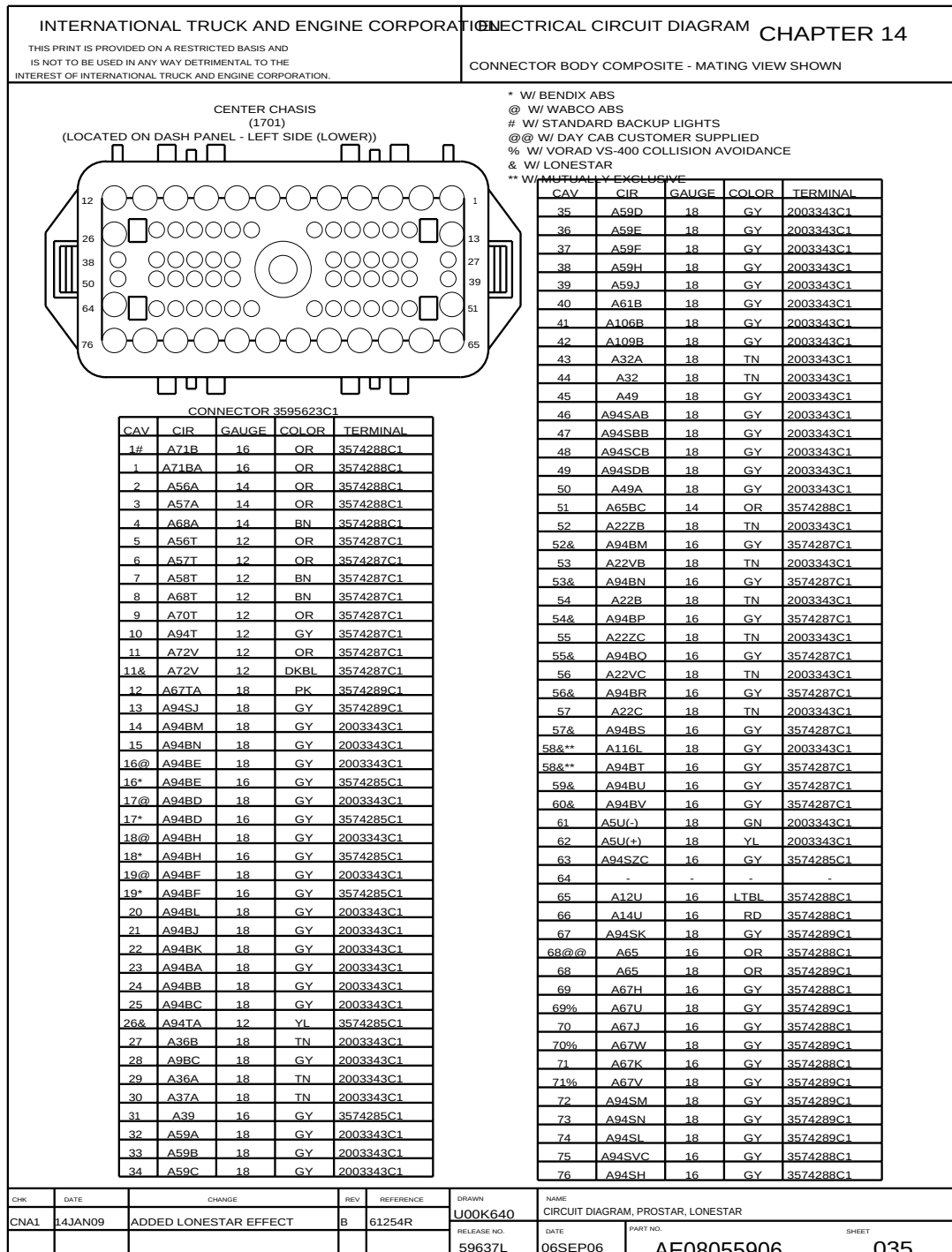


Figure 269 Connector Composite (1701)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.41. CONNECTOR COMPOSITE (1701F), P. 36

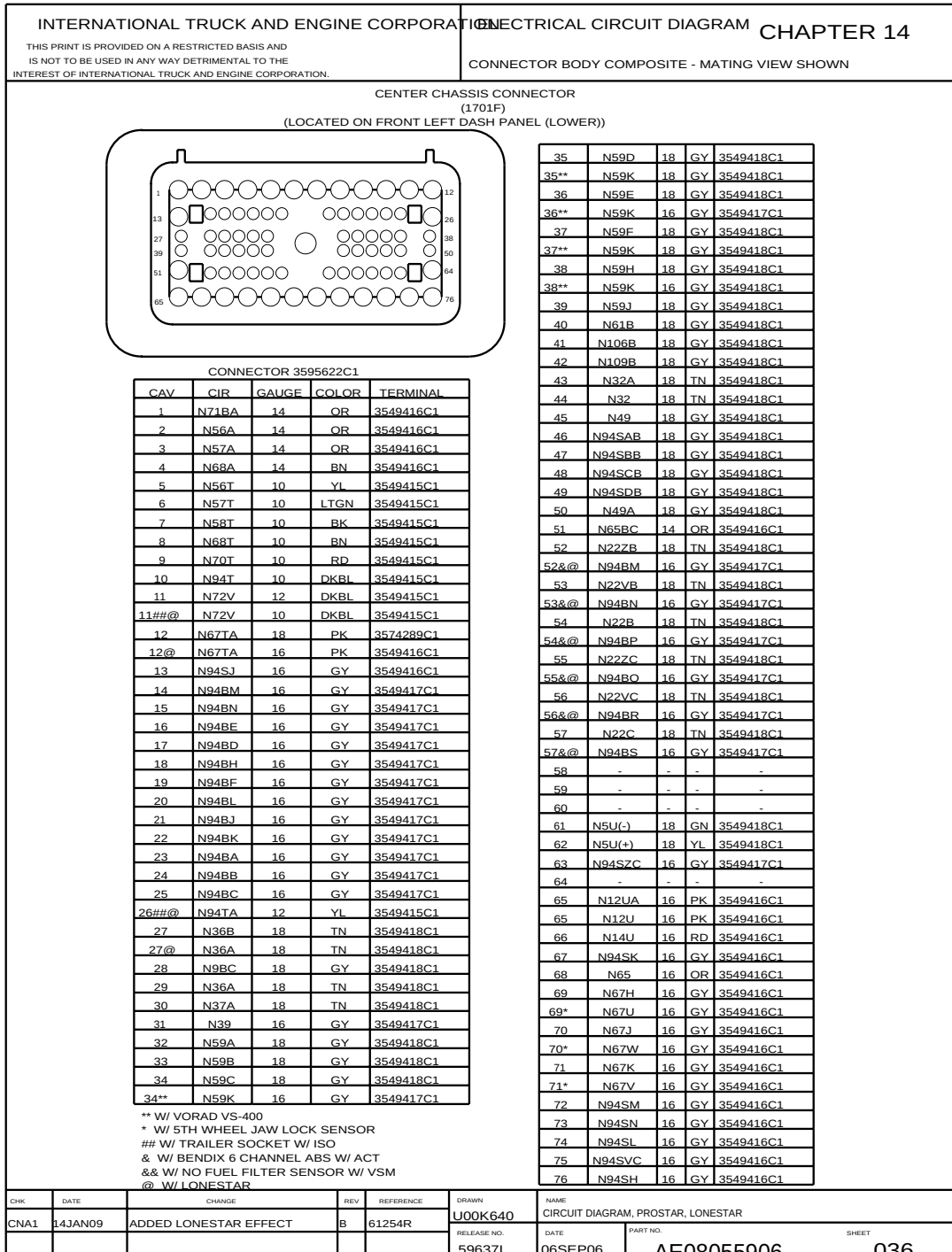


Figure 270 Connector Composite (1701F)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

271

14.42. CONNECTOR COMPOSITE (1702), P. 37

INTERNATIONAL TRUCK AND ENGINE CORPORATION

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 14

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

CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN

IP CONNECTOR
(1702)
(LOCATED ON FRONT CENTER DASH PANEL)

CONNECTOR 3595621C1

* MUTUALLY EXCLUSIVE
W/ STD BACKUP LIGHT
W/ WORK LIGHT FEED
@ W/ CUMMINS ENGINE
@@ W/ ENGINE OIL TEMPRATURE
% W/ REMOTE START / STOP
& W/ INTERNATIONAL ENGINE
** W/ LONESTAR

CAV	CIR	GAUGE	COLOR	TERMINAL
1*	A97D	10	RD	3574287C1
1*	A97D	10	PL	3574287C1
2	A9AA	20	GY	2003343C1
3	A6DB	20	GY	2003343C1
4	A77B	20	LTGN	2003343C1
5	A28	18	TN	2003343C1
6#	A71A	16	OR	3574285C1
6	A71-G	18	WH	2003343C1
6##	A71A	18	OR	2003343C1
7	A71B	16	OR	3574285C1
8	A13A	16	PK	3574285C1
9*	A14A	16	RD	3574288C1
9*	A14A	12	RD	3574287C1
10	A77	18	LTGN	2003343C1
11	A5R(+)	18	YL	2003343C1
12	A1	18	LTBL	2003343C1
13	A31	18	TN	2003343C1
14	A88	18	LTGN	2003343C1
15	A95	18	TN	2003343c1
16	A17	16	PK	3574285C1
17	A5R(-)	18	GN	2003343C1
18*	A23A	18	TN	3522073C1
18*	A97A1	18	PL	3515517C1
19*	A17-GC	16	WH	3574285C1
19*	A17-GC	18	WH	2003343C1
20	A17B	18	PK	2003343C1
21	A17C	18	PK	2003343C1
22	A97C	18	PL	2003343C1
23	A97B	18	PL	2003343C1
24@	A97M	18	PL	2003343C1
24@@	A30	16	TN	3574285C1
24&	A97F	16	PL	3595621C1
25	A92E	16	TN	3574285C1
26	A92F	18	TN	2003343C1
27	A92H	18	TN	2003343C1
28	A99B	18	PL	2003343C1
29	A97N	18	PL	2003343C1
30*	A99D	18	PL	2003343C1
30*	A97N	18	PL	2003343c1
31	PLUG	-	-	3508928C1
32	A97S	16	PL	3574285C1
32%	A104AL	16	DKBL	3574285C1
33%	A104AM	16	DKBL	3574285C1
33	A97J	16	PL	3574285C1
34	A97KB	14	PL	0382181C1
35	A3BA(+)	18	DKBL	2003343C1
36	A3BA(-)	18	GY	2003343C1
37	A97F	16	PL	3574285C1
37&	A97FB	16	PL	3574285C1
38	PLUG	-	-	3508928C1
39	A92A	18	TN	2003343C1
40	A92B	18	TN	2003343C1
41	A88A	18	LTGN	2003343C1
42	A97VT1	14	PL	3574288C1
42**	A97FZ	14	RD	3574288C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	ADDED LONESTAR EFFECT	D	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					RELEASE NO.	DATE
					59637L	06SEP06
						PART NO.
						AE08055906
						SHEET
						037

Figure 271 Connector Composite (1702)

14.43. CONNECTOR COMPOSITE (1702), P. 38

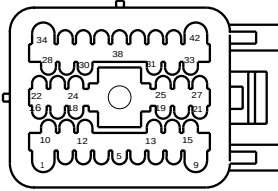
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																																																																																																																																																																																	
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ENGINE CONNECTOR (1702) (LOCATED ON FRONT CENTER DASH PANEL) (W/ ISX ENGINE)  CONNECTOR 3595620C1 <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>K97D</td><td>10</td><td>VT</td><td>3549415C1</td></tr><tr><td>2</td><td>K9AA</td><td>16</td><td>GY</td><td>3549417C1</td></tr><tr><td>2@</td><td>K9AA</td><td>18</td><td>GY</td><td>3549418C1</td></tr><tr><td>3</td><td>K6DB</td><td>16</td><td>GY</td><td>3549417C1</td></tr><tr><td>3@</td><td>K6DB</td><td>18</td><td>GY</td><td>3549418C1</td></tr><tr><td>4</td><td>K77B</td><td>16</td><td>LTGN</td><td>3549417C1</td></tr><tr><td>5</td><td>K2B</td><td>18</td><td>TN</td><td>3549418C1</td></tr><tr><td>6</td><td>K71A</td><td>16</td><td>OR</td><td>3549417C1</td></tr><tr><td>6*</td><td>K71-G</td><td>16</td><td>OR</td><td>3549417C1</td></tr><tr><td>6@</td><td>K71-G</td><td>16</td><td>WH</td><td>3549417C1</td></tr><tr><td>7</td><td>K71B</td><td>16</td><td>OR</td><td>3549417C1</td></tr><tr><td>8</td><td>K13A</td><td>16</td><td>PK</td><td>3549417C1</td></tr><tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>3508928C1</td></tr><tr><td>10</td><td>KA77</td><td>16</td><td>LTGN</td><td>3549417C1</td></tr><tr><td>11</td><td>K5R(+)</td><td>18</td><td>YL</td><td>3549418C1</td></tr><tr><td>12</td><td>K1B</td><td>18</td><td>LTBL</td><td>3549418C1</td></tr><tr><td>13</td><td>K31</td><td>18</td><td>TN</td><td>3549418C1</td></tr><tr><td>14</td><td>K88</td><td>16</td><td>LTGN</td><td>3549417C1</td></tr><tr><td>15</td><td>PLUG</td><td>-</td><td>-</td><td>3508928C1</td></tr><tr><td>16</td><td>K17</td><td>16</td><td>PK</td><td>3549417C1</td></tr><tr><td>17</td><td>K5R(-)</td><td>18</td><td>GN</td><td>3549418C1</td></tr><tr><td>18</td><td>K23A</td><td>16</td><td>TN</td><td>3508928C1</td></tr><tr><td>19#</td><td>K17-GC</td><td>18</td><td>WH</td><td>3549418C1</td></tr><tr><td>19*</td><td>K17-GC</td><td>16</td><td>WH</td><td>3549417C1</td></tr><tr><td>20</td><td>K17B</td><td>18</td><td>PK</td><td>3549418C1</td></tr><tr><td>21</td><td>K17C</td><td>18</td><td>PK</td><td>3549418C1</td></tr><tr><td>22</td><td>K97C</td><td>18</td><td>VT</td><td>3549418C1</td></tr><tr><td>23</td><td>K97B</td><td>18</td><td>VT</td><td>3549418C1</td></tr><tr><td>24</td><td>K97M</td><td>18</td><td>VT</td><td>3549418C1</td></tr><tr><td>25</td><td>K92E</td><td>18</td><td>TN</td><td>3549418C1</td></tr><tr><td>26</td><td>K92F</td><td>18</td><td>TN</td><td>3549418C1</td></tr><tr><td>27</td><td>K92H</td><td>18</td><td>TN</td><td>3549418C1</td></tr><tr><td>28</td><td>K99B</td><td>18</td><td>VT</td><td>3549418C1</td></tr><tr><td>29</td><td>K97N</td><td>18</td><td>VT</td><td>3549418C1</td></tr><tr><td>30</td><td>K99D</td><td>18</td><td>VT</td><td>3549418C1</td></tr><tr><td>31</td><td>PLUG</td><td>-</td><td>-</td><td>3508928C1</td></tr><tr><td>32</td><td>K97S</td><td>18</td><td>VT</td><td>3549418C1</td></tr><tr><td>33</td><td>K97J</td><td>18</td><td>VT</td><td>3549418C1</td></tr><tr><td>34</td><td>PLUG</td><td>-</td><td>-</td><td>3508928C1</td></tr><tr><td>35</td><td>K3BA(+)</td><td>18</td><td>DKBL</td><td>3549418C1</td></tr><tr><td>36</td><td>K3BA(-)</td><td>18</td><td>GY</td><td>3549418C1</td></tr><tr><td>37</td><td>K97F</td><td>18</td><td>VT</td><td>3549418C1</td></tr><tr><td>38</td><td>PLUG</td><td>-</td><td>-</td><td>3508928C1</td></tr><tr><td>39</td><td>K92A</td><td>18</td><td>TN</td><td>3549418C1</td></tr><tr><td>40</td><td>K92B</td><td>18</td><td>TN</td><td>3549418C1</td></tr><tr><td>41</td><td>K88A</td><td>18</td><td>VT</td><td>3549418C1</td></tr><tr><td>42</td><td>PLUG</td><td>-</td><td>-</td><td>3508928C1</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	K97D	10	VT	3549415C1	2	K9AA	16	GY	3549417C1	2@	K9AA	18	GY	3549418C1	3	K6DB	16	GY	3549417C1	3@	K6DB	18	GY	3549418C1	4	K77B	16	LTGN	3549417C1	5	K2B	18	TN	3549418C1	6	K71A	16	OR	3549417C1	6*	K71-G	16	OR	3549417C1	6@	K71-G	16	WH	3549417C1	7	K71B	16	OR	3549417C1	8	K13A	16	PK	3549417C1	9	PLUG	-	-	3508928C1	10	KA77	16	LTGN	3549417C1	11	K5R(+)	18	YL	3549418C1	12	K1B	18	LTBL	3549418C1	13	K31	18	TN	3549418C1	14	K88	16	LTGN	3549417C1	15	PLUG	-	-	3508928C1	16	K17	16	PK	3549417C1	17	K5R(-)	18	GN	3549418C1	18	K23A	16	TN	3508928C1	19#	K17-GC	18	WH	3549418C1	19*	K17-GC	16	WH	3549417C1	20	K17B	18	PK	3549418C1	21	K17C	18	PK	3549418C1	22	K97C	18	VT	3549418C1	23	K97B	18	VT	3549418C1	24	K97M	18	VT	3549418C1	25	K92E	18	TN	3549418C1	26	K92F	18	TN	3549418C1	27	K92H	18	TN	3549418C1	28	K99B	18	VT	3549418C1	29	K97N	18	VT	3549418C1	30	K99D	18	VT	3549418C1	31	PLUG	-	-	3508928C1	32	K97S	18	VT	3549418C1	33	K97J	18	VT	3549418C1	34	PLUG	-	-	3508928C1	35	K3BA(+)	18	DKBL	3549418C1	36	K3BA(-)	18	GY	3549418C1	37	K97F	18	VT	3549418C1	38	PLUG	-	-	3508928C1	39	K92A	18	TN	3549418C1	40	K92B	18	TN	3549418C1	41	K88A	18	VT	3549418C1	42	PLUG	-	-	3508928C1
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Figure 272 Connector Composite (1702)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

273

14.44. CONNECTOR COMPOSITE (1702), P. 38A

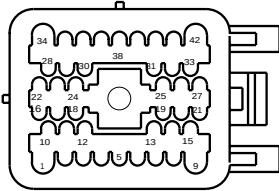
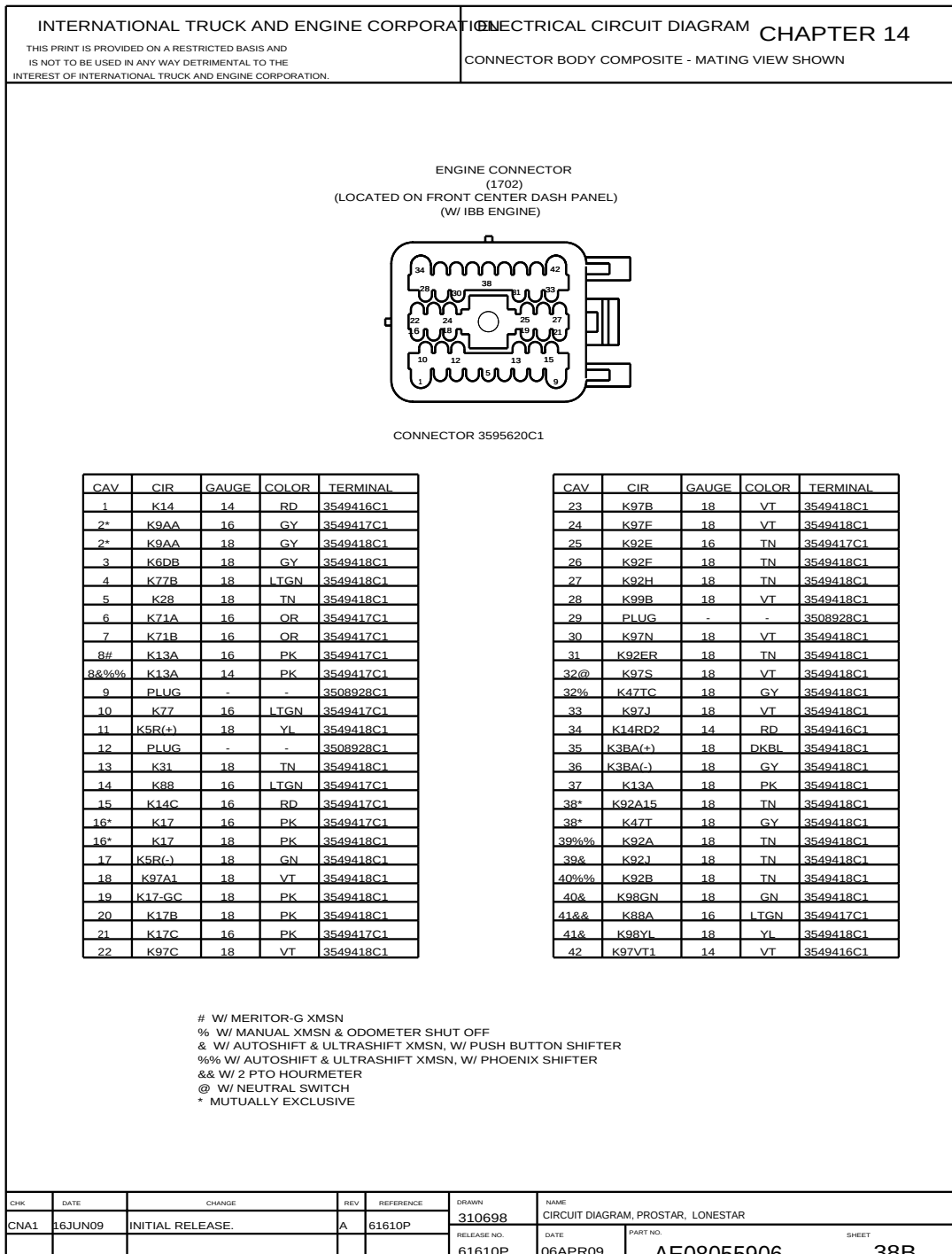
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 14																																																																																																																																																																																																																																																																
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ENGINE CONNECTOR (1702) (LOCATED ON FRONT CENTER DASH PANEL (W/ CAT ENGINE))  CONNECTOR 3595620C1				<table 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Figure 273 Connector Composite (1702)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS****14.45. CONNECTOR COMPOSITE (1702), P. 38B****Figure 274 Connector Composite (1702)**

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

275

14.46. CONNECTOR COMPOSITE (1800), P. 39

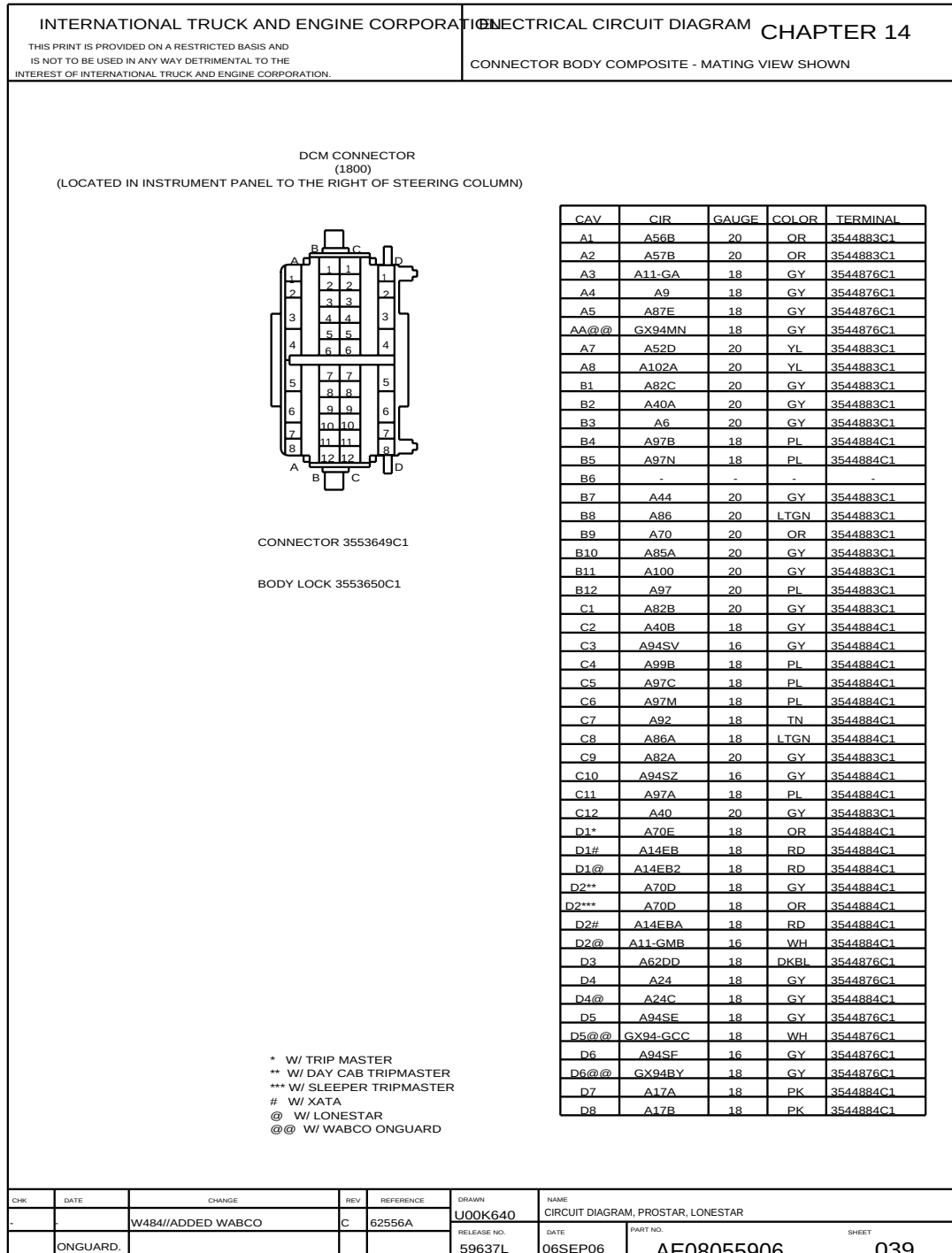


Figure 275 Connector Composite (1800)

14.47. CONNECTOR COMPOSITE (1800F), P. 40

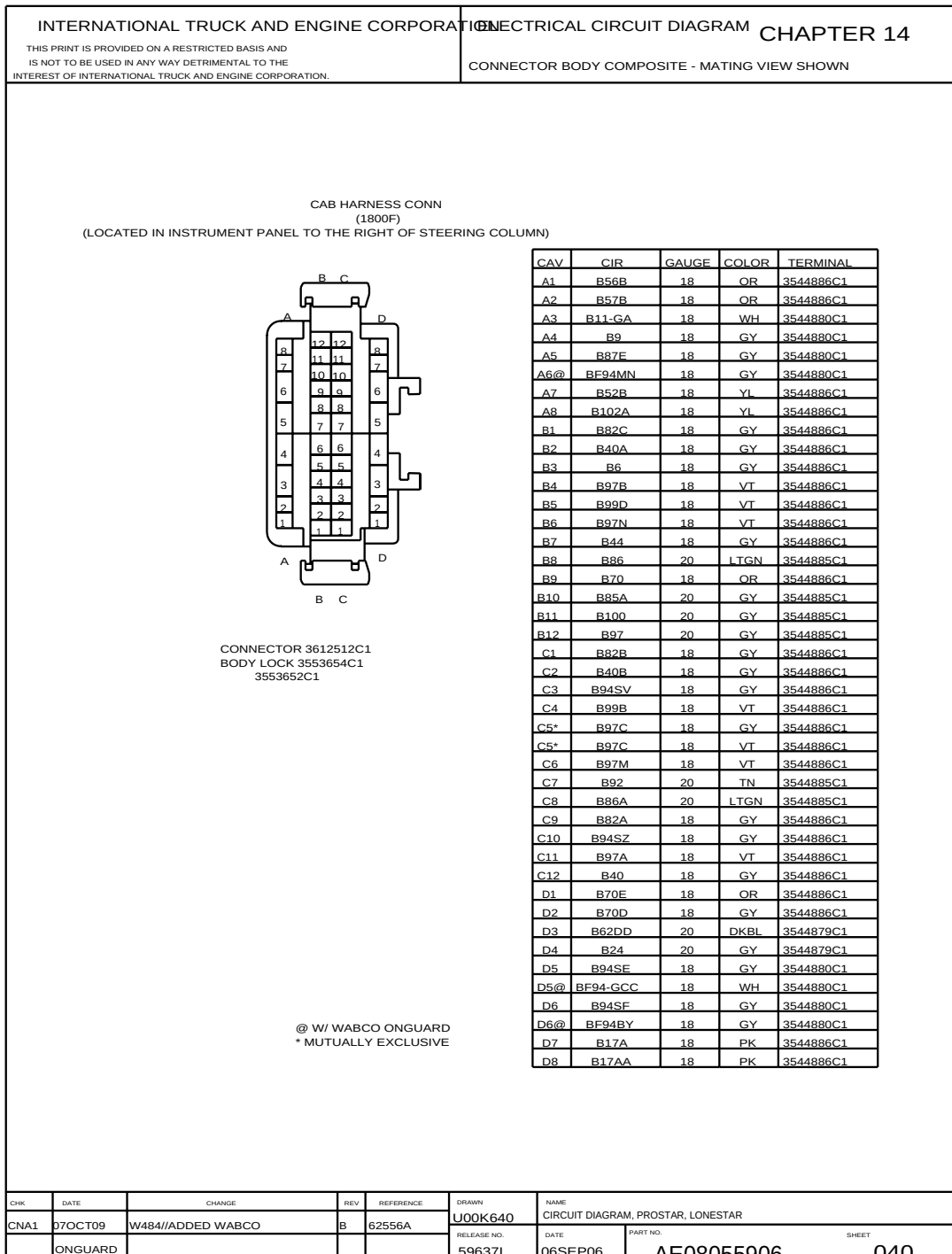


Figure 276 Connector Composite (1800F)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

277

14.48. CONNECTOR COMPOSITES (1801), (1802), (1803), P. 41

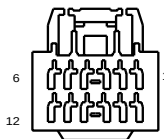
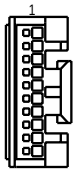
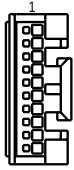
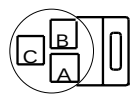
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																		
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TURN SIGNAL SWITCH CONNECTOR (1801) (LOCATED ON STEERING COLUMN)  CONNECTOR 3539212C1			<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>B56B</td><td>18</td><td>OR</td><td>3571717C1</td></tr> <tr><td>2</td><td>B57B</td><td>18</td><td>OR</td><td>3571717C1</td></tr> <tr><td>3</td><td>B52B</td><td>18</td><td>YL</td><td>3571717C1</td></tr> <tr><td>4</td><td>B102A</td><td>18</td><td>YL</td><td>3571717C1</td></tr> <tr><td>5</td><td>B82C</td><td>18</td><td>GY</td><td>3571717C1</td></tr> <tr><td>6</td><td>B87-G</td><td>18</td><td>WH</td><td>3571717C1</td></tr> <tr><td>7</td><td>B9D</td><td>18</td><td>GY</td><td>3571717C1</td></tr> <tr><td>8</td><td>B82A</td><td>18</td><td>GY</td><td>3571717C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>11</td><td>B82B</td><td>18</td><td>GY</td><td>3571717C1</td></tr> <tr><td>12</td><td>B87E</td><td>18</td><td>GY</td><td>3571717C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	B56B	18	OR	3571717C1	2	B57B	18	OR	3571717C1	3	B52B	18	YL	3571717C1	4	B102A	18	YL	3571717C1	5	B82C	18	GY	3571717C1	6	B87-G	18	WH	3571717C1	7	B9D	18	GY	3571717C1	8	B82A	18	GY	3571717C1	9	-	-	-	-	10	-	-	-	-	11	B82B	18	GY	3571717C1	12	B87E	18	GY	3571717C1
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CLOCKSPRING (1802) (LOCATED ON STEERING COLUMN) (W/ PROSTAR)  CONNECTOR 3608496C1			<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>B62DD</td><td>20</td><td>DKBL</td><td>3608495C1</td></tr> <tr><td>2</td><td>B97</td><td>20</td><td>GY</td><td>3608495C1</td></tr> <tr><td>3</td><td>B86</td><td>20</td><td>LTGN</td><td>3608495C1</td></tr> <tr><td>4</td><td>B92</td><td>20</td><td>TN</td><td>3608495C1</td></tr> <tr><td>5</td><td>B9C</td><td>20</td><td>GY</td><td>3608495C1</td></tr> <tr><td>6</td><td>B100</td><td>20</td><td>GY</td><td>3608495C1</td></tr> <tr><td>7</td><td>B85A</td><td>20</td><td>GY</td><td>3608495C1</td></tr> <tr><td>8</td><td>B24</td><td>20</td><td>GY</td><td>3608495C1</td></tr> <tr><td>9</td><td>B86A</td><td>20</td><td>LTGN</td><td>3608495C1</td></tr> <tr><td>10</td><td>B62-GDD</td><td>20</td><td>WH</td><td>3608495C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	B62DD	20	DKBL	3608495C1	2	B97	20	GY	3608495C1	3	B86	20	LTGN	3608495C1	4	B92	20	TN	3608495C1	5	B9C	20	GY	3608495C1	6	B100	20	GY	3608495C1	7	B85A	20	GY	3608495C1	8	B24	20	GY	3608495C1	9	B86A	20	LTGN	3608495C1	10	B62-GDD	20	WH	3608495C1										
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PRIMARY AIR TRANSDUCER (1803) (LOCATED AT BASE OF STEERING COLUMN)  CONNECTOR 1678137C1			<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>B9E</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>B</td><td>B6A</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>C</td><td>B40</td><td>18</td><td>GY</td><td>1651943C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	B9E	18	GY	1651943C1	B	B6A	18	GY	1651943C1	C	B40	18	GY	1651943C1																																													
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Figure 277 Connector Composites (1801), (1802), (1803)

14.49. CONNECTOR COMPOSITES (1804), (1805), (1806), P. 42

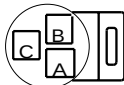
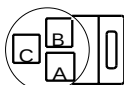
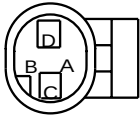
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																						
SECONDARY AIR TRANSDUCER (1804) (LOCATED AT BASE OF STEERING COLUMN)  CONNECTOR 1678137C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B9F</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>B6B</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>B40A</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	B9F	18	GY	1651943C1	B	B6B	18	GY	1651943C1	C	B40A	18	GY	1651943C1	
CAV	CIR	GAUGE	COLOR	TERMINAL																				
A	B9F	18	GY	1651943C1																				
B	B6B	18	GY	1651943C1																				
C	B40A	18	GY	1651943C1																				
TRANSDUCER CONNECTOR (1805) (LOCATED AT BASE OF STEERING COLUMN)  CONNECTOR 1678137C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B9H</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>B6C</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>B40B</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	B9H	18	GY	1651943C1	B	B6C	18	GY	1651943C1	C	B40B	18	GY	1651943C1	
CAV	CIR	GAUGE	COLOR	TERMINAL																				
A	B9H	18	GY	1651943C1																				
B	B6C	18	GY	1651943C1																				
C	B40B	18	GY	1651943C1																				
STOP LIGHT SWITCH CONNECTOR (1806) (LOCATED AT BASE OF STEERING COLUMN)  CONNECTOR 1661777C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>B70</td> <td>18</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>B9K</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	C	B70	18	OR	1661875C1	1661872C1	D	B9K	18	GY	1661875C1	1661872C1			
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>CNA1</td> <td>14JAN09</td> <td>TITLE WAS CIRCUIT</td> <td>A</td> <td>61254R</td> <td>U00K640</td> <td>CIRCUIT DIAGRAM, PROSTAR, LONESTAR</td> </tr> <tr> <td colspan="2"></td> <td>DIAGRAM, PROSTAR</td> <td></td> <td></td> <td>59637L</td> <td>06SEP06</td> </tr> </table> RELEASE NO. 59637L DATE 06SEP06 PART NO. AE08055906 SHEET 042				CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA1	14JAN09	TITLE WAS CIRCUIT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR			DIAGRAM, PROSTAR			59637L	06SEP06
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																		
CNA1	14JAN09	TITLE WAS CIRCUIT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																		
		DIAGRAM, PROSTAR			59637L	06SEP06																		

Figure 278 Connector Composites (1804), (1805), (1806)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.50. CONNECTOR COMPOSITES (1808), (1809), (1810), P. 43

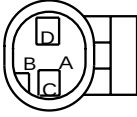
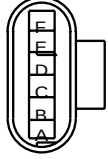
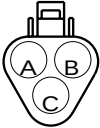
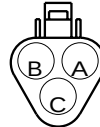
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																						
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PARK BRAKE (1808) (LOCATED AT BASE OF STEERING COLUMN)  CONNECTOR 1661777C1 BODY LOCK 1661873C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>B44</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>B9J</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	C	B44	18	GY	1661875C1	1661872C1	D	B9J	18	GY	1661875C1	1661872C1																	
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ACCELERATOR PEDAL (1809) (LOCATED ABOVE ACCELERATOR PEDAL)  CONNECTOR 1687790C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>B99B</td><td>18</td><td>VT</td><td>1651943C1</td></tr> <tr><td>B</td><td>B97B</td><td>18</td><td>VT</td><td>1651943C1</td></tr> <tr><td>C</td><td>B97C</td><td>18</td><td>VT</td><td>1651943C1</td></tr> <tr><td>D</td><td>B99D</td><td>18</td><td>VT</td><td>1651943C1</td></tr> <tr><td>E</td><td>B97N</td><td>18</td><td>VT</td><td>1651943C1</td></tr> <tr><td>F</td><td>B97M</td><td>18</td><td>VT</td><td>1651943C1</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	B99B	18	VT	1651943C1	B	B97B	18	VT	1651943C1	C	B97C	18	VT	1651943C1	D	B99D	18	VT	1651943C1	E	B97N	18	VT	1651943C1	F	B97M	18	VT	1651943C1
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ACCELERATOR PEDAL (1810) (LOCATED ABOVE ACCELERATOR PEDAL) (W/ PROSTAR)  CONNECTOR 0453133C1 BODY LOCK 1655704C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>B97C</td><td>18</td><td>GY</td><td>3572625C1</td></tr> <tr><td>B</td><td>B97B</td><td>18</td><td>VT</td><td>3572625C1</td></tr> <tr><td>C</td><td>B99B</td><td>18</td><td>VT</td><td>3572625C1</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	B97C	18	GY	3572625C1	B	B97B	18	VT	3572625C1	C	B99B	18	VT	3572625C1															
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ACCELERATOR PEDAL (1810) (LOCATED ABOVE ACCELERATOR PEDAL) (W/ LONESTAR)  CONNECTOR 1655702C1 BODY LOCK 1655704C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>B97C</td><td>18</td><td>GY</td><td>1680205C1</td></tr> <tr><td>B</td><td>B97B</td><td>18</td><td>VT</td><td>1680205C1</td></tr> <tr><td>C</td><td>B99B</td><td>18</td><td>VT</td><td>1680205C1</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	B97C	18	GY	1680205C1	B	B97B	18	VT	1680205C1	C	B99B	18	VT	1680205C1															
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CNA1	14JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																				
RELEASE NO.					DATE	PART NO.	SHEET																																			
59637L					06SEP06	AE08055906	043																																			

Figure 279 Connector Composites (1808), (1809), (1810)

14.51. CONNECTOR COMPOSITES (1811), (1812), (1820F/1820M), P. 44

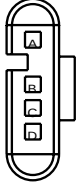
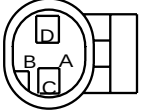
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																			
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CLUTCH SWITCH (1811) (LOCATED ON CLUTCH PEDAL)  CONNECTOR 3540757C1 BODY LOCK 3540758C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B17A</td> <td>18</td> <td>PK</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>B17AA</td> <td>18</td> <td>PK</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>B97A</td> <td>18</td> <td>VT</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>B9M</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	B17A	18	PK	1667742C1	1661872C1	B	B17AA	18	PK	1667742C1	1661872C1	C	B97A	18	VT	1667742C1	1661872C1	D	B9M	18	GY	1667742C1	1661872C1																				
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																		
A	B17A	18	PK	1667742C1	1661872C1																																																		
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C	B97A	18	VT	1667742C1	1661872C1																																																		
D	B9M	18	GY	1667742C1	1661872C1																																																		
BRAKE INPUT (1812) (LOCATED AT BASE OF STEERING COLUMN)  CONNECTOR 1661777C1 BODY LOCK 1661873C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>B70D</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>B70E</td> <td>18</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	D	B70D	18	GY	1661875C1	1661872C1	C	B70E	18	OR	1661875C1	1661872C1																																
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CAB HARNESS STEERING WHEEL SENSOR (1820F / 1820M) (LOCATED IN INSTRUMENT PANEL TO RIGHT OF STEERING COLUMN)  CONNECTOR 1667529C1 BODY LOCK 1667530C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B94SA</td> <td>20</td> <td>GY</td> <td>3534481C1</td> </tr> <tr> <td>B</td> <td>B94SB</td> <td>20</td> <td>GY</td> <td>3534481C1</td> </tr> <tr> <td>C</td> <td>B94SC</td> <td>20</td> <td>GY</td> <td>3534481C1</td> </tr> <tr> <td>D</td> <td>B94SD</td> <td>20</td> <td>GY</td> <td>3534481C1</td> </tr> </tbody> </table>  CONNECTOR 1667305C1 BODY LOCK 1661263C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A94SA</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A94SB</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>A94SC</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> <tr> <td>D</td> <td>A94SD</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	B94SA	20	GY	3534481C1	B	B94SB	20	GY	3534481C1	C	B94SC	20	GY	3534481C1	D	B94SD	20	GY	3534481C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	A94SA	18	GY	1661261C1	B	A94SB	18	GY	1661261C1	C	A94SC	18	GY	1661261C1	D	A94SD	18	GY	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																			
A	B94SA	20	GY	3534481C1																																																			
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B	A94SB	18	GY	1661261C1																																																			
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D	A94SD	18	GY	1661261C1																																																			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																	
CNA1	14JAN09	TITLE WAS CIRCUIT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																	
		DIAGRAM, PROSTAR			59637L	06SEP06																																																	
					PART NO.	SHEET																																																	
					AE08055906	044																																																	

Figure 280 Connector Composites (1811), (1812), (1820F/1820M)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.52. CONNECTOR COMPOSITES (1821), (1822), (1823), (1824), P. 45

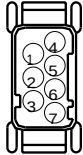
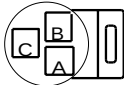
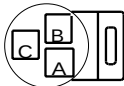
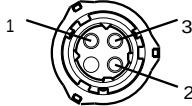
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																									
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STEERING WHEEL POSITION SENSOR (1821) (LOCATED ON STEERING COLUMN)  CONNECTOR 3601800C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>B94SC</td><td>20</td><td>GY</td><td>3601801C1</td></tr> <tr><td>2</td><td>B94SA</td><td>20</td><td>GY</td><td>3601801C1</td></tr> <tr><td>3</td><td>B94SB</td><td>20</td><td>GY</td><td>3601801C1</td></tr> <tr><td>4</td><td>B94SD</td><td>20</td><td>GY</td><td>3601801C1</td></tr> <tr><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	B94SC	20	GY	3601801C1	2	B94SA	20	GY	3601801C1	3	B94SB	20	GY	3601801C1	4	B94SD	20	GY	3601801C1	5	-	-	-	-	6	-	-	-	-	7	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERMINAL																																									
1	B94SC	20	GY	3601801C1																																									
2	B94SA	20	GY	3601801C1																																									
3	B94SB	20	GY	3601801C1																																									
4	B94SD	20	GY	3601801C1																																									
5	-	-	-	-																																									
6	-	-	-	-																																									
7	-	-	-	-																																									
ABS PRIMARY AIR TRANSDUCER (1822) (LOCATED AT BASE OF STEERING COLUMN)  <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>B94SZA</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>B</td><td>B94SVA</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>C</td><td>B94SE</td><td>18</td><td>GY</td><td>1651943C1</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	B94SZA	18	GY	1651943C1	B	B94SVA	18	GY	1651943C1	C	B94SE	18	GY	1651943C1																				
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B	B94SVA	18	GY	1651943C1																																									
C	B94SE	18	GY	1651943C1																																									
ABS SECONDARY AIR TRANSDUCER (1823) (LOCATED AT BASE OF STEERING COLUMN)  CONNECTOR 1678137C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>B94SZB</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>B</td><td>B94SVB</td><td>18</td><td>GY</td><td>1651943C1</td></tr> <tr><td>C</td><td>B94SF</td><td>18</td><td>GY</td><td>1651943C1</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	B94SZB	18	GY	1651943C1	B	B94SVB	18	GY	1651943C1	C	B94SF	18	GY	1651943C1																				
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B	B94SVB	18	GY	1651943C1																																									
C	B94SF	18	GY	1651943C1																																									
DRIVER DEMAND PRESSURE SENSOR (1824) (LOCATED AT BASE OF STEERING COLUMN)  CONNECTOR 3554539C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>BF94BY</td><td>18</td><td>GY</td><td>ASSY</td></tr> <tr><td>2</td><td>BF94-GCC</td><td>18</td><td>WH</td><td>ASSY</td></tr> <tr><td>3</td><td>BF94MN</td><td>18</td><td>GY</td><td>ASSY</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	BF94BY	18	GY	ASSY	2	BF94-GCC	18	WH	ASSY	3	BF94MN	18	GY	ASSY																				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CHK</td> <td style="width: 10%;">DATE</td> <td style="width: 20%;">CHANGE</td> <td style="width: 10%;">REV</td> <td style="width: 10%;">REFERENCE</td> <td style="width: 10%;">DRAWN</td> <td style="width: 40%;">NAME</td> </tr> <tr> <td>CNA1</td> <td>07OCT09</td> <td>W484//ADDED CONN 1824;</td> <td>B</td> <td>62556A</td> <td>U00K640</td> <td>CIRCUIT DIAGRAM, PROSTAR, LONESTAR</td> </tr> <tr> <td></td> <td></td> <td>MOVED CONN 1860 TO SHEET 46.</td> <td></td> <td></td> <td>RELEASE NO. 59637L</td> <td>DATE 06SEP06</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PART NO. AE08055906</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SHEET 045</td> </tr> </table>						CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA1	07OCT09	W484//ADDED CONN 1824;	B	62556A	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR			MOVED CONN 1860 TO SHEET 46.			RELEASE NO. 59637L	DATE 06SEP06							PART NO. AE08055906							SHEET 045					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																							
CNA1	07OCT09	W484//ADDED CONN 1824;	B	62556A	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																							
		MOVED CONN 1860 TO SHEET 46.			RELEASE NO. 59637L	DATE 06SEP06																																							
						PART NO. AE08055906																																							
						SHEET 045																																							

Figure 281 Connector Composites (1821), (1822), (1823), (1824)

14.53. CONNECTOR COMPOSITES (1860), (1861), (1901), (1903), P. 46

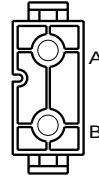
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																						
CIGAR LIGHTER TYPE POWER SOURCE (1860) (LOCATED IN INSTRUMENT PANEL - CENTER) (JUMPER HARNESS) (W/ PROSTAR)  CONNECTOR 3613000C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A86M</td> <td>16</td> <td>LT GN</td> <td>3534165C1</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>A86-GA</td> <td>16</td> <td>WH</td> <td>3534165C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86M	16	LT GN	3534165C1	B	-	-	-	-	C	A86-GA	16	WH	3534165C1
CAV	CIR	GAUGE	COLOR	TERMINAL																						
A	A86M	16	LT GN	3534165C1																						
B	-	-	-	-																						
C	A86-GA	16	WH	3534165C1																						
TWO POST POWER SOURCE (1861) (LOCATED IN INSTRUMENT PANEL CENTER) (JUMPER HARNESS)  CONNECTOR 3517473C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B86N</td> <td>14</td> <td>LTGN</td> <td>3517476C1</td> </tr> <tr> <td>B</td> <td>B86-GB</td> <td>14</td> <td>WH</td> <td>3517476C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	B86N	14	LTGN	3517476C1	B	B86-GB	14	WH	3517476C1					
CAV	CIR	GAUGE	COLOR	TERMINAL																						
A	B86N	14	LTGN	3517476C1																						
B	B86-GB	14	WH	3517476C1																						
AUX POWER (1901) (LOCATED IN INSTRUMENT PANEL - CENTER)  CONNECTOR 1661196C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A86P</td> <td>16</td> <td>LTGN</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>A86-GP</td> <td>16</td> <td>WH</td> <td>1661208C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86P	16	LTGN	1661208C1	B	A86-GP	16	WH	1661208C1					
CAV	CIR	GAUGE	COLOR	TERMINAL																						
A	A86P	16	LTGN	1661208C1																						
B	A86-GP	16	WH	1661208C1																						
CIGAR LIGHTER (1903) (LOCATED IN INSTRUMENT PANEL)  <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A84</td> <td>16</td> <td>LTGN</td> <td>3534165C1</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>A84-G</td> <td>16</td> <td>WH</td> <td>3534165C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	A84	16	LTGN	3534165C1	B	-	-	-	-	C	A84-G	16	WH	3534165C1
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CNA1	07OCT09	W484//ADDED CONN 1860	B	62556A	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																				
					RELEASE NO.	DATE																				
					59637L	06SEP06																				
					PART NO.	SHEET																				
					AE08055906	046																				

Figure 282 Connector Composites (1860), (1861), (1901), (1903)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.54. CONNECTOR COMPOSITES (1906), (1907), (1909M), (1910), (1912), (1916), P. 47

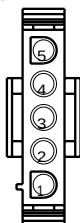
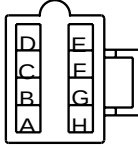
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LIGHTED AIR SHIELD (1906) (LOCATED IN UPPER RIGHT REAR ROOF (DAYCAB))  <table border="1" style="margin: 10px auto; width: 80%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A58C</td> <td>16</td> <td>BN</td> <td>1661262C1</td> </tr> <tr> <td>B</td> <td>A58-GC</td> <td>16</td> <td>WH</td> <td>1661262C1</td> </tr> <tr> <td>C</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> CONNECTOR 1661891C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	A58C	16	BN	1661262C1	B	A58-GC	16	WH	1661262C1	C	-	-	-	-	FLOOR LIGHT (1907) (LOCATED IN INSTRUMENT PANEL - CENTER)  <table border="1" style="margin: 10px auto; width: 80%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A63JA</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A63-GJ</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table> CONNECTOR 1661259C1 BODY LOCK 1661263C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	A63JA	18	DKBL	1661261C1	B	A63-GJ	18	WH	1661261C1										
CAV	CIR	GAUGE	COLOR	TERMINAL																																										
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B	A58-GC	16	WH	1661262C1																																										
C	-	-	-	-																																										
CAV	CIR	GAUGE	COLOR	TERMINAL																																										
A	A63JA	18	DKBL	1661261C1																																										
B	A63-GJ	18	WH	1661261C1																																										
XATA RESISTOR ASSY (1909M) (LOCATED IN INSTRUMENT PANEL TO THE RIGHT OF STEERING COLUMN) (W/ LONESTAR)  <table border="1" style="margin: 10px auto; width: 80%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A14EB</td> <td>18</td> <td>RD</td> <td>0879630R1</td> </tr> <tr> <td>B</td> <td>A14EB1</td> <td>18</td> <td>RD</td> <td>0879630R1</td> </tr> </tbody> </table> CONNECTOR 0872291R1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	A14EB	18	RD	0879630R1	B	A14EB1	18	RD	0879630R1	XATA MODULE (1910) (LOCATED AT RIGHT SIDE BACK OF DOOR)  <table border="1" style="margin: 10px auto; width: 80%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A14EA</td> <td>16</td> <td>RD</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A11-GMA</td> <td>16</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>A3BE(+)</td> <td>20</td> <td>DKBL</td> <td>3544254C1</td> </tr> <tr> <td>D</td> <td>A3BE(-)</td> <td>20</td> <td>GY</td> <td>3544254C1</td> </tr> </tbody> </table> CONNECTOR 1667305C1 BODY LOCK 1661263C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	A14EA	16	RD	1661261C1	B	A11-GMA	16	WH	1661261C1	C	A3BE(+)	20	DKBL	3544254C1	D	A3BE(-)	20	GY	3544254C1					
CAV	CIR	GAUGE	COLOR	TERMINAL																																										
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D	A3BE(-)	20	GY	3544254C1																																										
COMPASS (1912) (LOCATED IN INSTRUMENT PANEL BY FUSE PANEL)  <table border="1" style="margin: 10px auto; width: 80%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A28V</td> <td>18</td> <td>TN</td> <td>3614754C1</td> </tr> <tr> <td>2</td> <td>A5C(+)</td> <td>18</td> <td>YL</td> <td>3614754C1</td> </tr> <tr> <td>3</td> <td>A5C(-)</td> <td>18</td> <td>GN</td> <td>3614754C1</td> </tr> <tr> <td>4</td> <td>A28-G</td> <td>18</td> <td>WH</td> <td>3614754C1</td> </tr> <tr> <td>5</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> CONNECTOR 3609957C1		CAV	CIR	GAUGE	COLOR	TERMINAL	1	A28V	18	TN	3614754C1	2	A5C(+)	18	YL	3614754C1	3	A5C(-)	18	GN	3614754C1	4	A28-G	18	WH	3614754C1	5	-	-	-	-															
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4	A28-G	18	WH	3614754C1																																										
5	-	-	-	-																																										
QUALCOMM OMNIVISION SPKR SWITCH (1916) (LOCATED IN INSTRUMENT PANEL BY DRIVER DOOR)  <table border="1" style="margin: 10px auto; width: 80%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A86H</td> <td>18</td> <td>LT GN</td> <td>2005836C1</td> </tr> <tr> <td>C</td> <td>A86HA</td> <td>18</td> <td>LT GN</td> <td>2005836C1</td> </tr> <tr> <td>B</td> <td>A86J</td> <td>18</td> <td>LT GN</td> <td>2005836C1</td> </tr> <tr> <td>D</td> <td>A86JA</td> <td>18</td> <td>LT GN</td> <td>2005836C1</td> </tr> <tr> <td>E</td> <td>A86-GD1</td> <td>18</td> <td>WH</td> <td>2005836C1</td> </tr> <tr> <td>F</td> <td>A86HB</td> <td>18</td> <td>LT GN</td> <td>2005836C1</td> </tr> <tr> <td>G</td> <td>A86JB</td> <td>18</td> <td>LT GN</td> <td>2005836C1</td> </tr> <tr> <td>H</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> CONNECTOR 2005836C1 BODY LOCK 2006504C1		CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86H	18	LT GN	2005836C1	C	A86HA	18	LT GN	2005836C1	B	A86J	18	LT GN	2005836C1	D	A86JA	18	LT GN	2005836C1	E	A86-GD1	18	WH	2005836C1	F	A86HB	18	LT GN	2005836C1	G	A86JB	18	LT GN	2005836C1	H	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERMINAL																																										
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>CNA1</td> <td>14JAN09</td> <td>ADDED LONESTAR EFFECT</td> <td>B</td> <td>61254R</td> <td>U00K640</td> <td>CIRCUIT DIAGRAM, PROSTAR, LONESTAR</td> </tr> <tr> <td colspan="5"></td> <td>RELEASE NO.</td> <td>PART NO.</td> </tr> <tr> <td colspan="5"></td> <td>59637L</td> <td>AE08055906</td> </tr> </table>		CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA1	14JAN09	ADDED LONESTAR EFFECT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR						RELEASE NO.	PART NO.						59637L	AE08055906																	
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Figure 283 Connector Composites (1906), (1907), (1909M), (1910), (1912), (1916)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.55. CONNECTOR COMPOSITES (1917), (1918/1918A), (1919/1919A), (1920), (1922), (1922M), P. 48

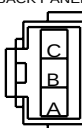
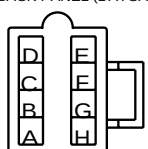
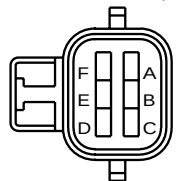
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																										
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QUALCOMM OMNIVISION REMOTE CONTROL (1917) (LOCATED ON LEFT SIDE - BACK OF DOOR)  CONNECTOR 1661259C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A86RCD</td> <td>18</td> <td>LT GN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A86-GD2</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86RCD	18	LT GN	1661261C1	B	A86-GD2	18	WH	1661261C1	QUALCOMM OMNIVISION POWER (1918 / *1918A) (LOCATED IN LEFT BACK PANEL (DAYCAB))  CONNECTOR 1661199C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A14ED</td> <td>16</td> <td>RD</td> <td>1661212C1</td> </tr> <tr> <td>B</td> <td>A13EE</td> <td>16</td> <td>DK BL</td> <td>1661212C1</td> </tr> <tr> <td>C</td> <td>A11-GMB</td> <td>16</td> <td>WH</td> <td>1661212C1</td> </tr> </tbody> </table> * W/ LONESTAR				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A14ED	16	RD	1661212C1	B	A13EE	16	DK BL	1661212C1	C	A11-GMB	16	WH	1661212C1																																																				
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QUALCOMM OMNIVISION ACCESSORY (1919 / *1919A) (LOCATED IN LEFT BACK PANEL (DAYCAB))  CONNECTOR 2005836C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A86RCD</td> <td>18</td> <td>LT GN</td> <td>1661212C1</td> </tr> <tr> <td>B</td> <td>A98F</td> <td>18</td> <td>TN</td> <td>1661212C1</td> </tr> <tr> <td>C</td> <td>A3BD(+)</td> <td>18</td> <td>DK BL</td> <td>1661212C1</td> </tr> <tr> <td>D</td> <td>A3BD(-)</td> <td>18</td> <td>GY</td> <td>1661212C1</td> </tr> <tr> <td>E</td> <td>A86-GND</td> <td>18</td> <td>WH</td> <td>1661212C1</td> </tr> <tr> <td>F</td> <td>A86HA</td> <td>18</td> <td>LT GN</td> <td>1661212C1</td> </tr> <tr> <td>G</td> <td>A86JA</td> <td>18</td> <td>LT GN</td> <td>1661212C1</td> </tr> <tr> <td>H</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> * W/ LONESTAR				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86RCD	18	LT GN	1661212C1	B	A98F	18	TN	1661212C1	C	A3BD(+)	18	DK BL	1661212C1	D	A3BD(-)	18	GY	1661212C1	E	A86-GND	18	WH	1661212C1	F	A86HA	18	LT GN	1661212C1	G	A86JA	18	LT GN	1661212C1	H	-	-	-	-	QUALCOMM IMCT (1920) (LOCATED IN LEFT SIDE B PILLAR)  CONNECTOR 2011340C1 BODY LOCK 2011364C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A3BD(+)</td> <td>18</td> <td>DKBL</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>A3BD(-)</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>C</td> <td>A14ED</td> <td>18</td> <td>RD</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>D</td> <td>A11-GMB</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>E</td> <td>A13EE</td> <td>18</td> <td>PK</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>F</td> <td>A98F</td> <td>18</td> <td>BK</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A3BD(+)	18	DKBL	1661875C1	3568570C1	B	A3BD(-)	18	GY	1661875C1	3568570C1	C	A14ED	18	RD	1661875C1	3568570C1	D	A11-GMB	18	WH	1661875C1	3568570C1	E	A13EE	18	PK	1661875C1	3568570C1	F	A98F	18	BK	1661875C1	3568570C1
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QUALCOMM (1922) (LOCATED ON LEFT SIDE - BACK OF DOOR)  CONNECTOR 1669973C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A13EF</td> <td>18</td> <td>PK</td> <td>1661212C1</td> </tr> <tr> <td>B</td> <td>A11-GMC</td> <td>18</td> <td>WH</td> <td>1661212C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A13EF	18	PK	1661212C1	B	A11-GMC	18	WH	1661212C1	QUALCOMM DISPLAY POWER (1922M) (LOCATED ON LEFT SIDE - BACK OF DOOR) (W/ LONESTAR)  CONNECTOR 1669972C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A13EF</td> <td>18</td> <td>PK</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>A11-GMC</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A13EF	18	PK	1661208C1	B	A11-GMC	18	WH	1661208C1																																																									
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Figure 284 Connector Composites (1917), (1918/1918A), (1919/1919A), (1920), (1922), (1922M)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.56. CONNECTOR COMPOSITES (1923), (1925), P. 49

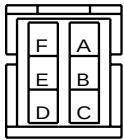
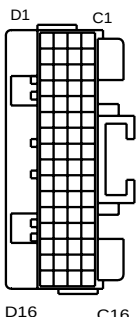
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QUALCOMM TMCT (1923) (LOCATED ON RIGHT SIDE BACK OF DOOR)  CONNECTOR 1661201C1 <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A13EE</td><td>18</td><td>PK</td><td>1661212C1</td></tr><tr><td>B</td><td>A14ED</td><td>18</td><td>RD</td><td>1661212C1</td></tr><tr><td>C</td><td>A98F</td><td>18</td><td>BK</td><td>1661212C1</td></tr><tr><td>D</td><td>A11-GMB</td><td>18</td><td>WH</td><td>1661212C1</td></tr><tr><td>E</td><td>A3BD(+)</td><td>18</td><td>DKBL</td><td>1661212C1</td></tr><tr><td>F</td><td>A3BD(-)</td><td>18</td><td>GY</td><td>1661212C1</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	A13EE	18	PK	1661212C1	B	A14ED	18	RD	1661212C1	C	A98F	18	BK	1661212C1	D	A11-GMB	18	WH	1661212C1	E	A3BD(+)	18	DKBL	1661212C1	F	A3BD(-)	18	GY	1661212C1																																																																																																																																							
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VORAD (1925) (LOCATED ON MODULE BRACKET (W/ PROSTAR)  CONNECTOR 3545189C1 BODY LOCK 1618846C1 1618847C1 <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>C1</td><td>A67A</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>C2</td><td>A67-GA</td><td>18</td><td>WH</td><td>3522073C1</td></tr><tr><td>C3</td><td>A67E</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>C4</td><td>A67D</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>C5*</td><td>A67C</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>C5*</td><td>A67C</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>C6</td><td>A67B</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>C7</td><td>A3BF(+)</td><td>18</td><td>DKBL</td><td>3522073C1</td></tr><tr><td>C8</td><td>A3BF(-)</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>C9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>C10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>C11</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>C12</td><td>A67KA</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>C13</td><td>A67J</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>C14</td><td>A67HA</td><td>16</td><td>GY</td><td>3522073C1</td></tr><tr><td>C15</td><td>A67F</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>C16</td><td>A67L</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>D1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>D2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>D3</td><td>A67M</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>D4</td><td>A67N</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>D5</td><td>A67P</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>D6</td><td>A67R</td><td>18</td><td>GY</td><td>3522073C1</td></tr><tr><td>D7</td><td>A5HA(+)</td><td>18</td><td>YL</td><td>3522073C1</td></tr><tr><td>D8</td><td>A5HA(-)</td><td>18</td><td>GN</td><td>3522073C1</td></tr><tr><td>D9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>D10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>D11</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>D12</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>D13</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>D14</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>D15</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>D16</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table> * MUTUALLY EXCLUSIVE						CAV	CIR	GAUGE	COLOR	TERMINAL	C1	A67A	18	GY	3522073C1	C2	A67-GA	18	WH	3522073C1	C3	A67E	16	GY	3522073C1	C4	A67D	16	GY	3522073C1	C5*	A67C	16	GY	3522073C1	C5*	A67C	18	GY	3522073C1	C6	A67B	16	GY	3522073C1	C7	A3BF(+)	18	DKBL	3522073C1	C8	A3BF(-)	18	GY	3522073C1	C9	-	-	-	-	C10	-	-	-	-	C11	-	-	-	-	C12	A67KA	16	GY	3522073C1	C13	A67J	16	GY	3522073C1	C14	A67HA	16	GY	3522073C1	C15	A67F	18	GY	3522073C1	C16	A67L	18	GY	3522073C1	D1	-	-	-	-	D2	-	-	-	-	D3	A67M	18	GY	3522073C1	D4	A67N	18	GY	3522073C1	D5	A67P	18	GY	3522073C1	D6	A67R	18	GY	3522073C1	D7	A5HA(+)	18	YL	3522073C1	D8	A5HA(-)	18	GN	3522073C1	D9	-	-	-	-	D10	-	-	-	-	D11	-	-	-	-	D12	-	-	-	-	D13	-	-	-	-	D14	-	-	-	-	D15	-	-	-	-	D16	-	-	-	-
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Figure 285 Connector Composites (1923), (1925)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.57. CONNECTOR COMPOSITES (1927), (1929), (1930), (1931), P. 50

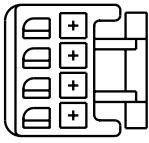
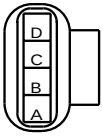
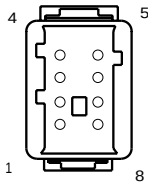
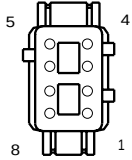
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																														
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																														
VORAD DISPLAY CONNECTION (1927) (LOCATED IN RIGHT SIDE A PILLAR)  <table border="1" style="font-size: 0.8em; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>A67KB</td><td>16</td><td>GY</td><td>3522073C1</td></tr> <tr><td>3</td><td>A67HB</td><td>16</td><td>GY</td><td>3522073C1</td></tr> <tr><td>4</td><td>A67L</td><td>16</td><td>GY</td><td>3522073C1</td></tr> </tbody> </table> CONNECTOR 3545777C1 BODY LOCK 3545778C1						CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	A67KB	16	GY	3522073C1	3	A67HB	16	GY	3522073C1	4	A67L	16	GY	3522073C1																				
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VORAD DISPLAY (1929) (LOCATED ON TOP OF INSTRUMENT PANEL)  <table border="1" style="font-size: 0.8em; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A67R</td><td>18</td><td>GY</td><td>2036586C1</td></tr> <tr><td>B</td><td>A67P</td><td>18</td><td>GY</td><td>2036586C1</td></tr> <tr><td>C</td><td>A67N</td><td>18</td><td>GY</td><td>2036586C1</td></tr> <tr><td>D</td><td>A67M</td><td>18</td><td>GY</td><td>2036586C1</td></tr> </tbody> </table> CONNECTOR 2036585C1						CAV	CIR	GAUGE	COLOR	TERMINAL	A	A67R	18	GY	2036586C1	B	A67P	18	GY	2036586C1	C	A67N	18	GY	2036586C1	D	A67M	18	GY	2036586C1																				
CAV	CIR	GAUGE	COLOR	TERMINAL																																														
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B	A67P	18	GY	2036586C1																																														
C	A67N	18	GY	2036586C1																																														
D	A67M	18	GY	2036586C1																																														
ICON MODULE "B" CONNECTOR (1930) (LOCATED ON MODULE BRACKET) (W/ PROSTAR)  <table border="1" style="font-size: 0.8em; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> <tr><td>2</td><td>A97N</td><td>16</td><td>VT</td><td>3518961C1</td></tr> <tr><td>3</td><td>A17HC</td><td>18</td><td>PK</td><td>3518961C1</td></tr> <tr><td>4</td><td>A97X</td><td>18</td><td>VT</td><td>3518961C1</td></tr> <tr><td>5</td><td>A17HD</td><td>16</td><td>PK</td><td>3518961C1</td></tr> <tr><td>6</td><td>A17HF</td><td>18</td><td>PK</td><td>3518961C1</td></tr> <tr><td>7</td><td>A3H (+)</td><td>18</td><td>DKBL</td><td>3518961C1</td></tr> <tr><td>8</td><td>A3H (-)</td><td>18</td><td>GY</td><td>3518961C1</td></tr> </tbody> </table> CONNECTOR 3539140C1 BODY LOCK 3539145C1						CAV	CIR	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	3527276C1	2	A97N	16	VT	3518961C1	3	A17HC	18	PK	3518961C1	4	A97X	18	VT	3518961C1	5	A17HD	16	PK	3518961C1	6	A17HF	18	PK	3518961C1	7	A3H (+)	18	DKBL	3518961C1	8	A3H (-)	18	GY	3518961C1
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6	A17HF	18	PK	3518961C1																																														
7	A3H (+)	18	DKBL	3518961C1																																														
8	A3H (-)	18	GY	3518961C1																																														
ICON MODULE "A" CONNECTOR (1931) (LOCATED ON MODULE BRACKET) (W/ PROSTAR)  <table border="1" style="font-size: 0.8em; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A14HHA</td><td>18</td><td>RD</td><td>3518963C1</td></tr> <tr><td>2</td><td>A11-GEC</td><td>16</td><td>WH</td><td>3518963C1</td></tr> <tr><td>3</td><td>A97S</td><td>18</td><td>VT</td><td>3518963C1</td></tr> <tr><td>4</td><td>A97T</td><td>18</td><td>VT</td><td>3518963C1</td></tr> <tr><td>5</td><td>A97U</td><td>18</td><td>VT</td><td>3518963C1</td></tr> <tr><td>6</td><td>A97V</td><td>18</td><td>VT</td><td>3518963C1</td></tr> <tr><td>7</td><td>A13HA</td><td>18</td><td>PK</td><td>3518963C1</td></tr> <tr><td>8</td><td>A17HB</td><td>18</td><td>PK</td><td>3518963C1</td></tr> </tbody> </table> CONNECTOR 3539139C1 BODY LOCK 3539144C1						CAV	CIR	GAUGE	COLOR	TERMINAL	1	A14HHA	18	RD	3518963C1	2	A11-GEC	16	WH	3518963C1	3	A97S	18	VT	3518963C1	4	A97T	18	VT	3518963C1	5	A97U	18	VT	3518963C1	6	A97V	18	VT	3518963C1	7	A13HA	18	PK	3518963C1	8	A17HB	18	PK	3518963C1
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		DIAGRAM, PROSTAR			59637L	DATE: 06SEPO6 PART NO. AE08055906 SHEET 050																																												

Figure 286 Connector Composites (1927), (1929), (1930), (1931)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.58. CONNECTOR COMPOSITES (1932), (1933), (1942/1942F), (1943), (1943M), P. 50A

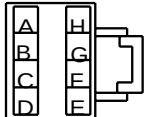
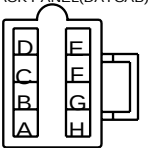
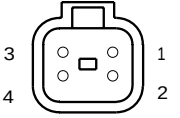
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																
QUALCOM TMCT (1932) (LOCATED IN LEFT BACK PANEL(DAYCAB))  CONNECTOR 2005835C1 BODY LOCK 2006503C1				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A14EA</td><td>18</td><td>RD</td><td>1661208C1</td></tr> <tr><td>B</td><td>A14EE</td><td>18</td><td>RD</td><td>1661208C1</td></tr> <tr><td>C</td><td>A11-GMC</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>D</td><td>A11-GMA</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>E</td><td>A13EE</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>F</td><td>A3BD(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>G</td><td>A3BD(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>H</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A14EA	18	RD	1661208C1	B	A14EE	18	RD	1661208C1	C	A11-GMC	18	WH	1661208C1	D	A11-GMA	18	WH	1661208C1	E	A13EE	18	PK	1661208C1	F	A3BD(+)	18	DKBL	1661208C1	G	A3BD(-)	18	GY	1661208C1	H	-	-	-	-
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MOTIENT MOBILE MAX DISCRETE I/O (1933) (LOCATED IN LEFT BACK PANEL(DAYCAB))  CONNECTOR 2005836C1 BODY LOCK 2006504C1				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B</td><td>A98F</td><td>18</td><td>LTGN</td><td>1661212C1</td></tr> <tr><td>C</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>H</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	-	-	-	-	B	A98F	18	LTGN	1661212C1	C	-	-	-	-	D	-	-	-	-	E	-	-	-	-	F	-	-	-	-	G	-	-	-	-	H	-	-	-	-
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EATON VORAD RIGHT SIDE DISPLAY (1942 / *1942F) (LOCATED IN INSTRUMENT PANEL TO THE RIGHT OF STEERING COLUMN) (W/ PROSTAR)  CONNECTOR 3673259C1 BODY LOCK 3503599C1				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A67V</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>2</td><td>A67W</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>3</td><td>A67U</td><td>18</td><td>GY</td><td>1680206C1</td></tr> <tr><td>4</td><td>A57NA</td><td>18</td><td>OR</td><td>1680206C1</td></tr> </tbody> </table> (* W/ LONESTAR)				CAV	CIR	GAUGE	COLOR	TERMINAL	1	A67V	18	GY	1680206C1	2	A67W	18	GY	1680206C1	3	A67U	18	GY	1680206C1	4	A57NA	18	OR	1680206C1																				
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EATON VORAD DRIVER INTERFACE UNIT (1943) (LOCATED IN INSTRUMENT PANEL TO THE RIGHT OF STEERING COLUMN) (W/ PROSTAR)  CONNECTOR 367333C1				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A67E</td><td>18</td><td>PK</td><td>3673333C1</td></tr> <tr><td>5</td><td>A67-GD</td><td>18</td><td>WH</td><td>3673333C1</td></tr> <tr><td>6</td><td>A5HA(-)</td><td>18</td><td>GN</td><td>3673333C1</td></tr> <tr><td>7</td><td>A5HA(+)</td><td>18</td><td>YL</td><td>3673333C1</td></tr> <tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	-	-	-	-	4	A67E	18	PK	3673333C1	5	A67-GD	18	WH	3673333C1	6	A5HA(-)	18	GN	3673333C1	7	A5HA(+)	18	YL	3673333C1	8	-	-	-	-
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EATON VORAD DRIVER INTERFACE UNIT (1943M) (LOCATED IN INSTRUMENT PANEL TO THE RIGHT OF STEERING COLUMN) (W/ LONESTAR)  CONNECTOR 3673332C1				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A67E</td><td>18</td><td>PK</td><td>3673333C1</td></tr> <tr><td>5</td><td>A67-GD</td><td>18</td><td>WH</td><td>3673333C1</td></tr> <tr><td>6</td><td>A5HA(-)</td><td>18</td><td>GN</td><td>3673333C1</td></tr> <tr><td>7</td><td>A5HA(+)</td><td>18</td><td>YL</td><td>3673333C1</td></tr> <tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	-	-	-	-	4	A67E	18	PK	3673333C1	5	A67-GD	18	WH	3673333C1	6	A5HA(-)	18	GN	3673333C1	7	A5HA(+)	18	YL	3673333C1	8	-	-	-	-
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Figure 287 Connector Composites (1932), (1933), (1942/1942F), (1943), (1943M)

14.59. CONNECTOR COMPOSITES (1944), P. 50B

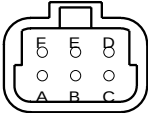
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																								
WABCO ONGUARD DRIVER INTERFACE UNIT (1944) (LOCATED IN INSTRUMENT PANEL TO THE RIGHT OF STEERING COLUMN) (W/ PROSTAR)  CONNECTOR 2011340C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A5HA(+)</td><td>18</td><td>YL</td><td>1661875C1</td></tr><tr><td>B</td><td>A5HA(-)</td><td>18</td><td>GN</td><td>1661875C1</td></tr><tr><td>C</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>D</td><td>A67-GM</td><td>18</td><td>WH</td><td>1661875C1</td></tr><tr><td>E</td><td>A67EA</td><td>18</td><td>PK</td><td>1661875C1</td></tr><tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	A5HA(+)	18	YL	1661875C1	B	A5HA(-)	18	GN	1661875C1	C	-	-	-	-	D	A67-GM	18	WH	1661875C1	E	A67EA	18	PK	1661875C1	F	-	-	-	-																					
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Figure 288 Connector Composites (1944)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.60. CONNECTOR COMPOSITES (1953), (1960), P. 51

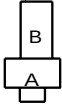
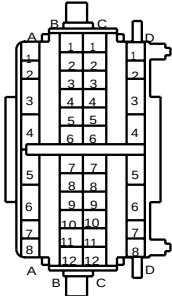
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JAKE BRAKE FOOT PEDAL (1953) (LOCATED IN INSTRUMENT PANEL - LEFT SIDE) (W/ LONESTAR)  <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A9FS</td><td>18</td><td>GY</td><td>0879630R1</td></tr><tr><td>B</td><td>A24B</td><td>18</td><td>GY</td><td>0879630R1</td></tr></tbody></table> CONNECTOR 0872291R1						CAV	CIR	GAUGE	COLOR	TERMINAL	A	A9FS	18	GY	0879630R1	B	A24B	18	GY	0879630R1																																																																																																																																																																																																			
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MODULE BRACKET "B" CONNECTOR (1960) (LOCATED ON MODULE BRACKET)  <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A1</td><td>A67E</td><td>16</td><td>GY</td><td>3544884C1</td></tr><tr><td>A2</td><td>A67D</td><td>16</td><td>GY</td><td>3544884C1</td></tr><tr><td>A3</td><td>A67A</td><td>16</td><td>GY</td><td>3544876C1</td></tr><tr><td>A4</td><td>A67-G</td><td>16</td><td>WH</td><td>3544876C1</td></tr><tr><td>A5</td><td>A57NA</td><td>18</td><td>OR</td><td>3544876C1</td></tr><tr><td>A5#</td><td>A57NA</td><td>16</td><td>OR</td><td>3544876C1</td></tr><tr><td>A6</td><td>A98ZA</td><td>18</td><td>BK</td><td>3544876C1</td></tr><tr><td>A7</td><td>A67C</td><td>16</td><td>GY</td><td>3544884C1</td></tr><tr><td>A8</td><td>A67B</td><td>16</td><td>GY</td><td>3544884C1</td></tr><tr><td>B1</td><td>A3BF(+)</td><td>20</td><td>DKBL</td><td>3544883C1</td></tr><tr><td>B2</td><td>A3BF(-)</td><td>20</td><td>GY</td><td>3544883C1</td></tr><tr><td>B3</td><td>A67KA</td><td>16</td><td>GY</td><td>3544884C1</td></tr><tr><td>B4</td><td>A67J</td><td>16</td><td>GY</td><td>3544884C1</td></tr><tr><td>B5</td><td>A67HA</td><td>16</td><td>GY</td><td>3544884C1</td></tr><tr><td>B6</td><td>A67L</td><td>16</td><td>GY</td><td>3544884C1</td></tr><tr><td>B7</td><td>A67M</td><td>18</td><td>GY</td><td>3544884C1</td></tr><tr><td>B8</td><td>A67N</td><td>18</td><td>GY</td><td>3544884C1</td></tr><tr><td>B9</td><td>A67P</td><td>18</td><td>GY</td><td>3544884C1</td></tr><tr><td>B10</td><td>A67R</td><td>18</td><td>GY</td><td>3544884C1</td></tr><tr><td>B11</td><td>A5HA(+)</td><td>18</td><td>YL</td><td>3544884C1</td></tr><tr><td>B12</td><td>A5HA(-)</td><td>18</td><td>GN</td><td>3544884C1</td></tr><tr><td>C1</td><td>A3BN(+)</td><td>18</td><td>DKBL</td><td>3544884C1</td></tr><tr><td>C2</td><td>A3BN(-)</td><td>18</td><td>GY</td><td>3544884C1</td></tr><tr><td>C3</td><td>A98NS</td><td>18</td><td>BK</td><td>3544884C1</td></tr><tr><td>C4</td><td>AOUT2</td><td>18</td><td>TN</td><td>3544884C1</td></tr><tr><td>C5</td><td>A5VREF</td><td>18</td><td>TN</td><td>3544884C1</td></tr><tr><td>C6</td><td>APPU</td><td>18</td><td>TN</td><td>3544884C1</td></tr><tr><td>C7</td><td>AANG1</td><td>18</td><td>TN</td><td>3544884C1</td></tr><tr><td>C8</td><td>AANG2</td><td>18</td><td>TN</td><td>3544884C1</td></tr><tr><td>C9</td><td>AANG3</td><td>18</td><td>TN</td><td>3544884C1</td></tr><tr><td>C10</td><td>AANG4</td><td>18</td><td>TN</td><td>3544884C1</td></tr><tr><td>C11</td><td>AANG5</td><td>18</td><td>TN</td><td>3544884C1</td></tr><tr><td>C12</td><td>AANG-G</td><td>18</td><td>GY</td><td>3544884C1</td></tr><tr><td>D1</td><td>A98Z</td><td>18</td><td>BK</td><td>3544884C1</td></tr><tr><td>D2</td><td>A98NL</td><td>18</td><td>BK</td><td>3544884C1</td></tr><tr><td>D3</td><td>A14NN</td><td>18</td><td>RD</td><td>3544876C1</td></tr><tr><td>D4</td><td>A13N</td><td>18</td><td>PK</td><td>3544876C1</td></tr><tr><td>D5</td><td>A11-GNA</td><td>18</td><td>WH</td><td>3544876C1</td></tr><tr><td>D6</td><td>A14NP</td><td>16</td><td>RD</td><td>3544876C1</td></tr><tr><td>D7</td><td>A5K(+)</td><td>18</td><td>YL</td><td>3544884C1</td></tr><tr><td>D8</td><td>A5K(-)</td><td>18</td><td>GN</td><td>3544884C1</td></tr></tbody></table> CONNECTOR 3553649C1 BODY LOCK 3553652C1 3553654C1 3553650C1 # W/ LONESTAR						CAV	CIR	GAUGE	COLOR	TERMINAL	A1	A67E	16	GY	3544884C1	A2	A67D	16	GY	3544884C1	A3	A67A	16	GY	3544876C1	A4	A67-G	16	WH	3544876C1	A5	A57NA	18	OR	3544876C1	A5#	A57NA	16	OR	3544876C1	A6	A98ZA	18	BK	3544876C1	A7	A67C	16	GY	3544884C1	A8	A67B	16	GY	3544884C1	B1	A3BF(+)	20	DKBL	3544883C1	B2	A3BF(-)	20	GY	3544883C1	B3	A67KA	16	GY	3544884C1	B4	A67J	16	GY	3544884C1	B5	A67HA	16	GY	3544884C1	B6	A67L	16	GY	3544884C1	B7	A67M	18	GY	3544884C1	B8	A67N	18	GY	3544884C1	B9	A67P	18	GY	3544884C1	B10	A67R	18	GY	3544884C1	B11	A5HA(+)	18	YL	3544884C1	B12	A5HA(-)	18	GN	3544884C1	C1	A3BN(+)	18	DKBL	3544884C1	C2	A3BN(-)	18	GY	3544884C1	C3	A98NS	18	BK	3544884C1	C4	AOUT2	18	TN	3544884C1	C5	A5VREF	18	TN	3544884C1	C6	APPU	18	TN	3544884C1	C7	AANG1	18	TN	3544884C1	C8	AANG2	18	TN	3544884C1	C9	AANG3	18	TN	3544884C1	C10	AANG4	18	TN	3544884C1	C11	AANG5	18	TN	3544884C1	C12	AANG-G	18	GY	3544884C1	D1	A98Z	18	BK	3544884C1	D2	A98NL	18	BK	3544884C1	D3	A14NN	18	RD	3544876C1	D4	A13N	18	PK	3544876C1	D5	A11-GNA	18	WH	3544876C1	D6	A14NP	16	RD	3544876C1	D7	A5K(+)	18	YL	3544884C1	D8	A5K(-)	18	GN	3544884C1
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Figure 289 Connector Composites (1953), (1960)

14.61. CONNECTOR COMPOSITES (1960), P. 52

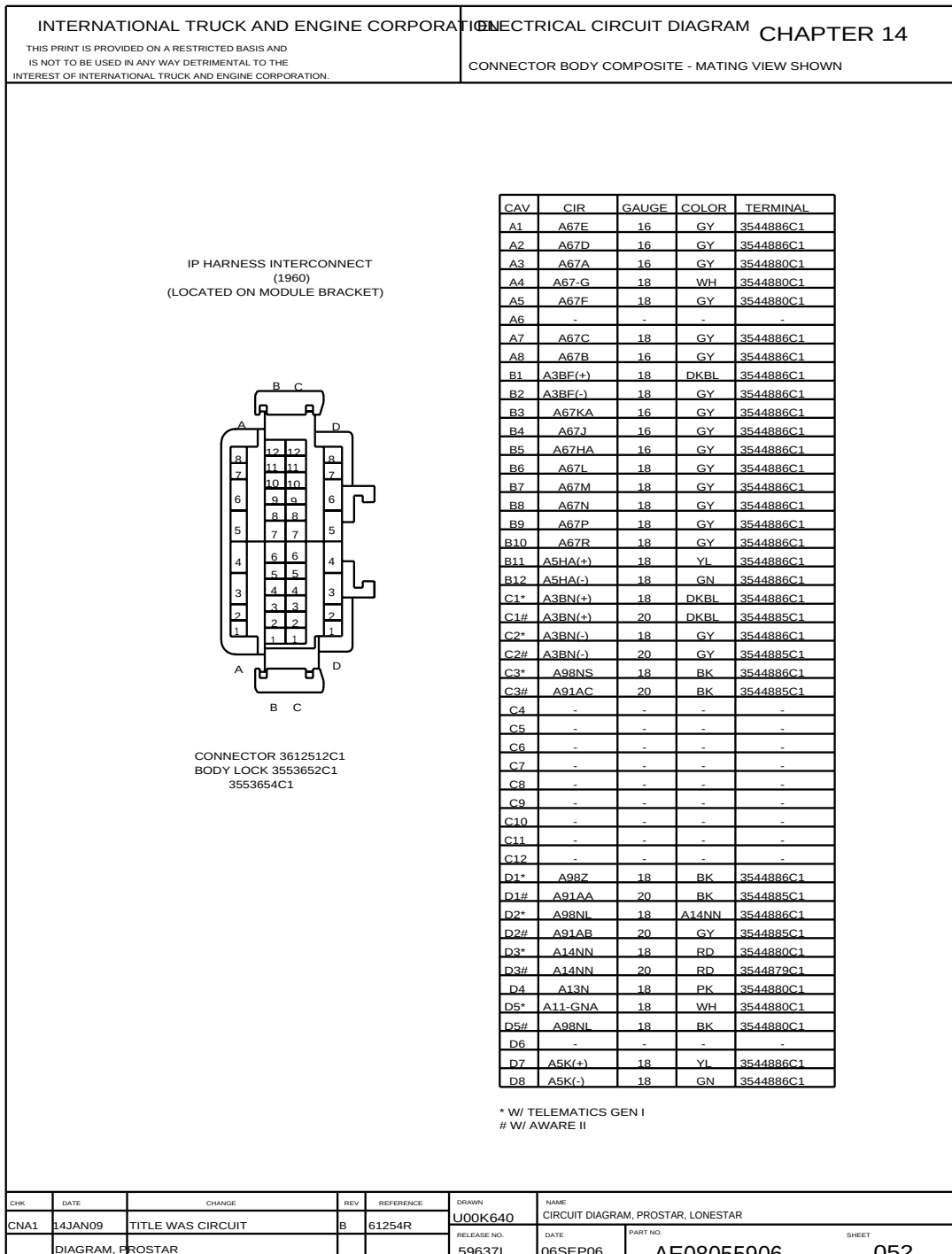


Figure 290 Connector Composites (1960)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS

291

14.62. CONNECTOR COMPOSITES (1962), P. 53

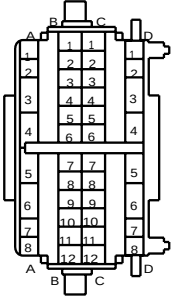
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Figure 291 Connector Composites (1962)

14.63. CONNECTOR COMPOSITES (1962), P. 54

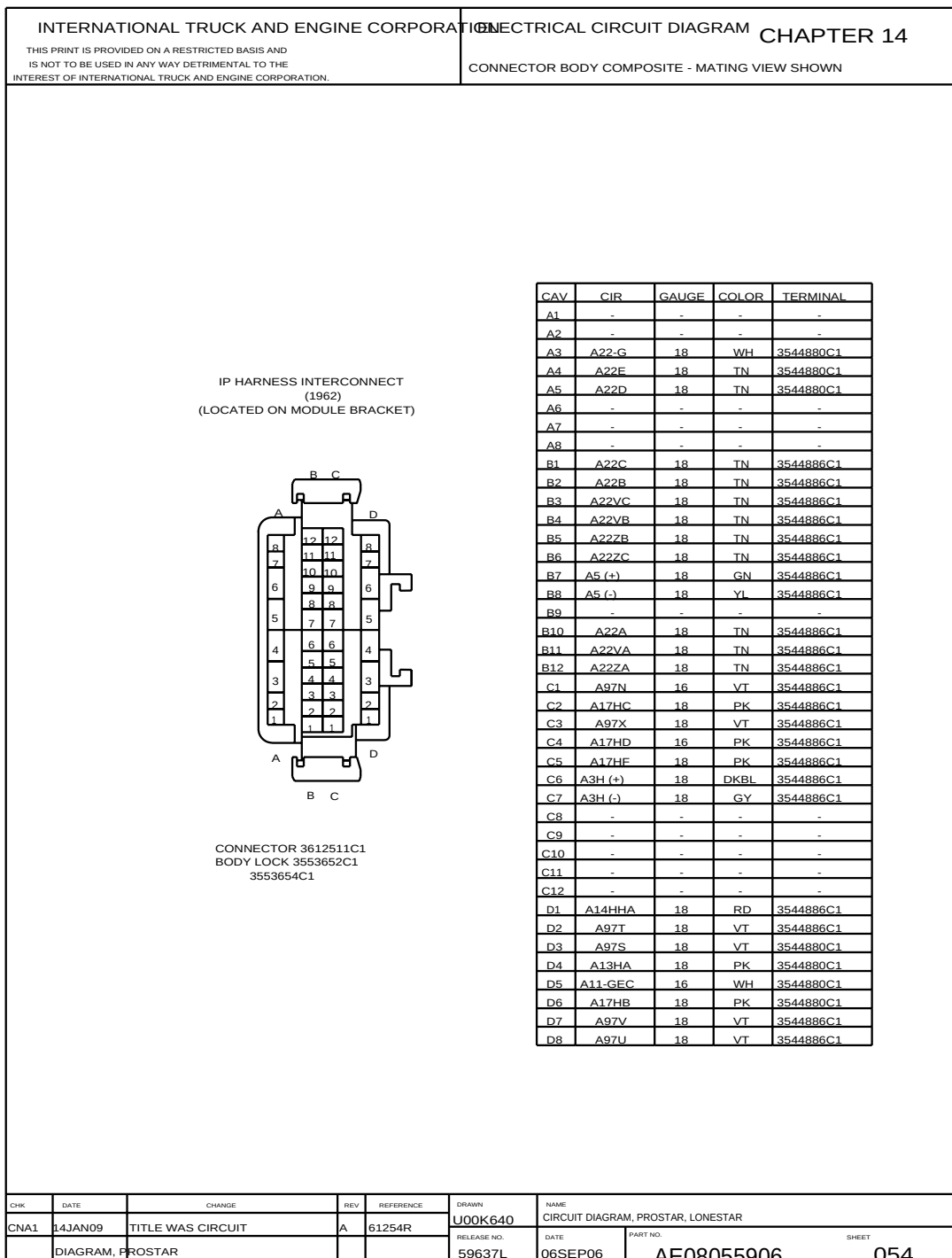


Figure 292 Connector Composites (1962)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

293

14.64. CONNECTOR COMPOSITES (1963), (1964), P. 55

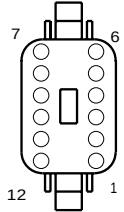
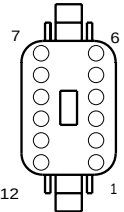
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																		
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TELEMATICS CONNECTOR 1 (1963) (LOCATED ON MODULE BRACKET) (W/ PROSTAR)  CONNECTOR 3601924C1 BODY LOCK 1689428C1 <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>A14NN</td><td>18</td><td>RD</td><td>1680205C1</td></tr><tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>3</td><td>A13N</td><td>18</td><td>PK</td><td>1680205C1</td></tr><tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>5</td><td>A98NL</td><td>18</td><td>BK</td><td>1680205C1</td></tr><tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>9</td><td>A5K(+)</td><td>18</td><td>YL</td><td>1680205C1</td></tr><tr><td>10</td><td>A5K(-)</td><td>18</td><td>GN</td><td>1680205C1</td></tr><tr><td>11</td><td>A98Z</td><td>18</td><td>BK</td><td>1680205C1</td></tr><tr><td>12</td><td>A11-GNA</td><td>18</td><td>WH</td><td>1680205C1</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	A14NN	18	RD	1680205C1	2	PLUG	-	-	0453133C1	3	A13N	18	PK	1680205C1	4	PLUG	-	-	0453133C1	5	A98NL	18	BK	1680205C1	6	PLUG	-	-	0453133C1	7	PLUG	-	-	0453133C1	8	PLUG	-	-	0453133C1	9	A5K(+)	18	YL	1680205C1	10	A5K(-)	18	GN	1680205C1	11	A98Z	18	BK	1680205C1	12	A11-GNA	18	WH	1680205C1
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TELEMATICS CONNECTOR 2 (1964) (LOCATED ON MODULE BRACKET) (W/ PROSTAR)  CONNECTOR 1689427C1 BODY LOCK 1689428C1 <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>A3BN(+)</td><td>18</td><td>DKBL</td><td>1680205C1</td></tr><tr><td>2</td><td>A3BN(-)</td><td>18</td><td>GY</td><td>1680205C1</td></tr><tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>6</td><td>A98NS</td><td>18</td><td>BK</td><td>1680205C1</td></tr><tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr><tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	A3BN(+)	18	DKBL	1680205C1	2	A3BN(-)	18	GY	1680205C1	3	PLUG	-	-	0453133C1	4	PLUG	-	-	0453133C1	5	PLUG	-	-	0453133C1	6	A98NS	18	BK	1680205C1	7	PLUG	-	-	0453133C1	8	PLUG	-	-	0453133C1	9	PLUG	-	-	0453133C1	10	PLUG	-	-	0453133C1	11	PLUG	-	-	0453133C1	12	PLUG	-	-	0453133C1
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Figure 293 Connector Composites (1963), (1964)

14.65. CONNECTOR COMPOSITES (1970), (1973), P. 56

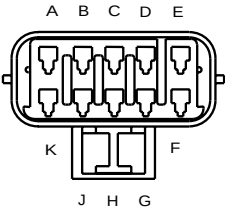
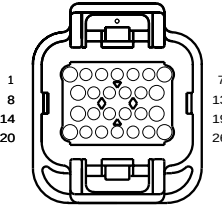
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																																																																																																																																																																								
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SATELLITE COMMUNICATIONS (1970) (LOCATED ON RIGHT SIDE BACK OF DOOR)  CONNECTOR 3538635C1 BODY LOCK 3538636C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A*</td><td>A14SD</td><td>18</td><td>RD</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>A*</td><td>A14EA</td><td>16</td><td>RD</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>A*</td><td>A14ED</td><td>18</td><td>RD</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>B*</td><td>A13SD</td><td>18</td><td>PK</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>B*</td><td>A13EE</td><td>18</td><td>PK</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>C</td><td>A3BD(-)</td><td>18</td><td>GY</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>D</td><td>A3BD(+)</td><td>18</td><td>DK BL</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>E*</td><td>A14EBA</td><td>18</td><td>RD</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>E*</td><td>A98F</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>F</td><td>A98J</td><td>18</td><td>BK</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>F#</td><td>A11-GMB</td><td>18</td><td>WH</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>G</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>2025431C1</td></tr> <tr><td>H</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>2025431C1</td></tr> <tr><td>J</td><td>A70E</td><td>18</td><td>OR</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>K</td><td>A50S</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table> * MUTUALLY EXCLUSIVE # W/ LONESTAR			CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	A14SD	18	RD	1661875C1	3568570C1	A*	A14EA	16	RD	1661875C1	1661872C1	A*	A14ED	18	RD	1661875C1	3568570C1	B*	A13SD	18	PK	1661875C1	3568570C1	B*	A13EE	18	PK	1661875C1	3568570C1	C	A3BD(-)	18	GY	1661875C1	3568570C1	D	A3BD(+)	18	DK BL	1661875C1	3568570C1	E*	A14EBA	18	RD	1661875C1	3568570C1	E*	A98F	18	TN	1661875C1	3568570C1	F	A98J	18	BK	1661875C1	3568570C1	F#	A11-GMB	18	WH	1661875C1	3568570C1	G	PLUG	-	-	2025431C1	2025431C1	H	PLUG	-	-	2025431C1	2025431C1	J	A70E	18	OR	1661875C1	3568570C1	K	A50S	18	YL	1661875C1	3568570C1	AWARE II (1973) (W/ PROSTAR)  CONNECTOR 3672049C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GA</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A14NN</td><td>20</td><td>RD</td><td>3672049C1</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>3674969C1</td></tr> <tr><td>3</td><td>HSD1</td><td>20</td><td>GY</td><td>3672049C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3674969C1</td></tr> <tr><td>5</td><td>A91AB</td><td>20</td><td>GY</td><td>3672049C1</td></tr> <tr><td>6</td><td>HSD4</td><td>20</td><td>GY</td><td>3672049C1</td></tr> <tr><td>7</td><td>HSD5</td><td>20</td><td>GY</td><td>3672049C1</td></tr> <tr><td>8</td><td>A13N</td><td>18</td><td>PK</td><td>3672054C1</td></tr> <tr><td>9</td><td>A5K(+)</td><td>20</td><td>YL</td><td>3672049C1</td></tr> <tr><td>10</td><td>A5K(-)</td><td>20</td><td>GN</td><td>3672049C1</td></tr> <tr><td>11</td><td>ANA8</td><td>20</td><td>LTGN</td><td>3672049C1</td></tr> <tr><td>12</td><td>A91AA</td><td>20</td><td>BK</td><td>3672049C1</td></tr> <tr><td>13</td><td>HSD6</td><td>18</td><td>GY</td><td>3672054C1</td></tr> <tr><td>14</td><td>A98NM</td><td>18</td><td>BK</td><td>3672054C1</td></tr> <tr><td>15</td><td>ANA5</td><td>20</td><td>GY</td><td>3672049C1</td></tr> <tr><td>16</td><td>A3BN(+)</td><td>20</td><td>DKBL</td><td>3672049C1</td></tr> <tr><td>17</td><td>PLUG</td><td>-</td><td>-</td><td>3674969C1</td></tr> <tr><td>18</td><td>ANA7</td><td>20</td><td>GY</td><td>3672049C1</td></tr> <tr><td>19</td><td>HSD7</td><td>18</td><td>GY</td><td>3672054C1</td></tr> <tr><td>20</td><td>A98NN</td><td>18</td><td>BK</td><td>3672054C1</td></tr> <tr><td>21</td><td>PLUG</td><td>-</td><td>-</td><td>3674969C1</td></tr> <tr><td>22</td><td>A91AC</td><td>20</td><td>BK</td><td>3672049C1</td></tr> <tr><td>23</td><td>A3BN(-)</td><td>20</td><td>GY</td><td>3672049C1</td></tr> <tr><td>24</td><td>PLUG</td><td>-</td><td>-</td><td>3674969C1</td></tr> <tr><td>25</td><td>5VREF1</td><td>20</td><td>LTGN</td><td>3672049C1</td></tr> <tr><td>26</td><td>HSD8</td><td>20</td><td>GY</td><td>3672049C1</td></tr> </tbody> </table>			CAV	CIRCUIT	GA	COLOR	TERMINAL	1	A14NN	20	RD	3672049C1	2	PLUG	-	-	3674969C1	3	HSD1	20	GY	3672049C1	4	PLUG	-	-	3674969C1	5	A91AB	20	GY	3672049C1	6	HSD4	20	GY	3672049C1	7	HSD5	20	GY	3672049C1	8	A13N	18	PK	3672054C1	9	A5K(+)	20	YL	3672049C1	10	A5K(-)	20	GN	3672049C1	11	ANA8	20	LTGN	3672049C1	12	A91AA	20	BK	3672049C1	13	HSD6	18	GY	3672054C1	14	A98NM	18	BK	3672054C1	15	ANA5	20	GY	3672049C1	16	A3BN(+)	20	DKBL	3672049C1	17	PLUG	-	-	3674969C1	18	ANA7	20	GY	3672049C1	19	HSD7	18	GY	3672054C1	20	A98NN	18	BK	3672054C1	21	PLUG	-	-	3674969C1	22	A91AC	20	BK	3672049C1	23	A3BN(-)	20	GY	3672049C1	24	PLUG	-	-	3674969C1	25	5VREF1	20	LTGN	3672049C1	26	HSD8	20	GY	3672049C1
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Figure 294 Connector Composites (1970), (1973)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.66. CONNECTOR COMPOSITES (1974), (1975), P. 56A

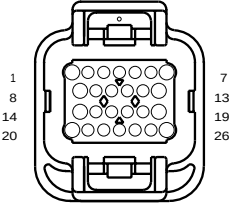
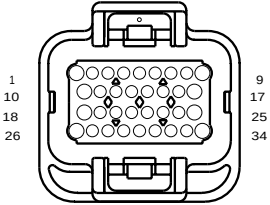
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II (1975) (W/ PROSTAR)  CONNECTOR 3672024C1 <table 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Figure 295 Connector Composites (1974), (1975)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.67. CONNECTOR COMPOSITES (2000), P. 56B

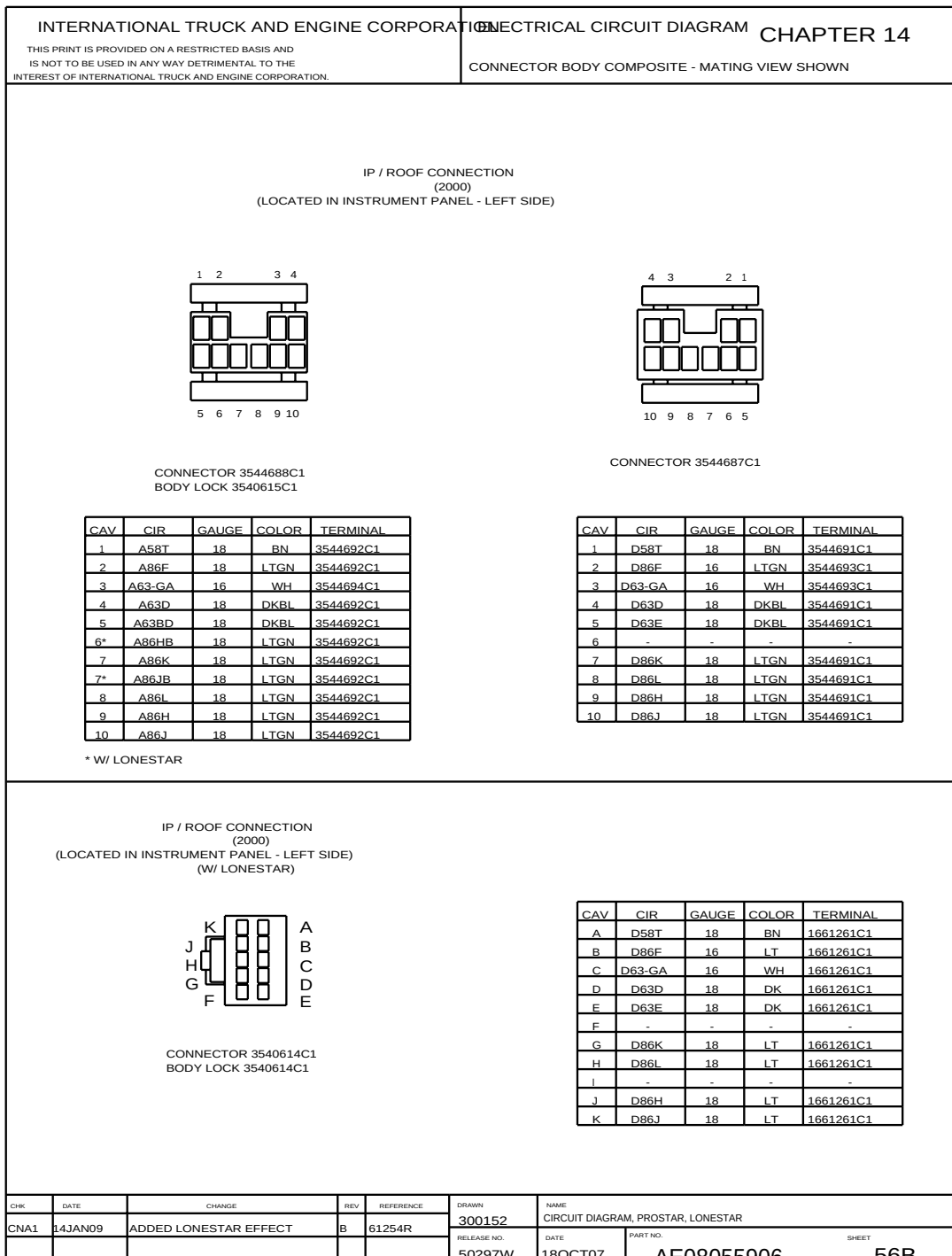


Figure 296 Connector Composites (2000)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

297

14.68. CONNECTOR COMPOSITES (2002M), (2003M), (2004M), (2005M), (2006M), (2007F), P. 57

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																		
LEFT CLEARANCE (2002M) (LOCATED IN FRONT ROOF) (W/ PROSTAR)  CONNECTOR 1661259C1 BODY LOCK 1661263C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D58Z</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>D58-GD</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	D58Z	18	BN	1661261C1	B	D58-GD	18	WH	1661261C1
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A	D58Z	18	BN	1661261C1																		
B	D58-GD	18	WH	1661261C1																		
LEFT MARKER (2003M) (LOCATED IN FRONT ROOF) (W/ PROSTAR)  CONNECTOR 1661259C1 BODY LOCK 1661263C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D58M</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>D58-GE</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	D58M	18	BN	1661261C1	B	D58-GE	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	D58M	18	BN	1661261C1																		
B	D58-GE	18	WH	1661261C1																		
MID MARKER (2004M) (LOCATED IN FRONT ROOF) (W/ PROSTAR)  CONNECTOR 1661259C1 BODY LOCK 1661263C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D58N</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>D58-GF</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	D58N	18	BN	1661261C1	B	D58-GF	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	D58N	18	BN	1661261C1																		
B	D58-GF	18	WH	1661261C1																		
RIGHT MARKER (2005M) (LOCATED IN FRONT ROOF) (W/ PROSTAR)  CONNECTOR 1661259C1 BODY LOCK 1661263C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D58P</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>D58-GH</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	D58P	18	BN	1661261C1	B	D58-GH	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	D58P	18	BN	1661261C1																		
B	D58-GH	18	WH	1661261C1																		
RIGHT CLEARANCE (2006M) (LOCATED IN FRONT ROOF) (W/ PROSTAR)  CONNECTOR 1661259C1 BODY LOCK 1661263C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D58R</td> <td>18</td> <td>BN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>D58-GJ</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	D58R	18	BN	1661261C1	B	D58-GJ	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	D58R	18	BN	1661261C1																		
B	D58-GJ	18	WH	1661261C1																		
SUNSHADE (2007F) (LOCATED AT SUNSHADE) (W/ LONESTAR)  CONNECTOR 1661260C1 BODY LOCK 1661264C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D58T</td> <td>18</td> <td>BN</td> <td>1661262C1</td> </tr> <tr> <td>B</td> <td>D58-GL</td> <td>18</td> <td>WH</td> <td>1661262C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	D58T	18	BN	1661262C1	B	D58-GL	18	WH	1661262C1
CAV	CIR	GAUGE	COLOR	TERMINAL																		
A	D58T	18	BN	1661262C1																		
B	D58-GL	18	WH	1661262C1																		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	PART NO.	SHEET														
CNA1	20JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR	AE08055906	057														
					RELEASE NO. 59637L	DATE 07SEP06																

Figure 297 Connector Composites (2002M), (2003M), (2004M), (2005M), (2006M), (2007F)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.69. CONNECTOR COMPOSITES (2100), (2101), (2102), (2103), P. 58

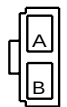
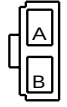
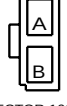
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																						
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																						
HEADLINER TO DOME LIGHT (2100) (LOCATED IN CAB ROOF) (W/ PROSTAR)  CONNECTOR 1661198C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C63-GE</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>C63D</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>C63E</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	C63-GE	18	WH	1661261C1	B	C63D	18	DKBL	1661261C1	C	C63E	18	DKBL	1661261C1															
CAV	CIR	GAUGE	COLOR	TERMINAL																																						
A	C63-GE	18	WH	1661261C1																																						
B	C63D	18	DKBL	1661261C1																																						
C	C63E	18	DKBL	1661261C1																																						
HEADLINER TO ROOF HARNESS (2101) (LOCATED IN CAB ROOF FRONT) (W/ PROSTAR)  CONNECTOR 1669972C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A#</td> <td>D63L</td> <td>18</td> <td>BL</td> <td>1661212C1</td> </tr> <tr> <td>A**</td> <td>D63D</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>A*</td> <td>D63-GM</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>B#</td> <td>D63L-G</td> <td>18</td> <td>WH</td> <td>1661212C1</td> </tr> <tr> <td>B*</td> <td>D63-GM</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> <tr> <td>B**</td> <td>D63-GM</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> </tbody> </table> # W/ DOME LIGHT * W/ SLEEPER ** W/ SLEEPER-2				CAV	CIR	GAUGE	COLOR	TERMINAL	A#	D63L	18	BL	1661212C1	A**	D63D	18	DKBL	1661208C1	A*	D63-GM	18	DKBL	1661208C1	B#	D63L-G	18	WH	1661212C1	B*	D63-GM	18	WH	1661208C1	B**	D63-GM	18	DKBL	1661208C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																						
A#	D63L	18	BL	1661212C1																																						
A**	D63D	18	DKBL	1661208C1																																						
A*	D63-GM	18	DKBL	1661208C1																																						
B#	D63L-G	18	WH	1661212C1																																						
B*	D63-GM	18	WH	1661208C1																																						
B**	D63-GM	18	DKBL	1661208C1																																						
ROOF / DOME LIGHT CONNECTION (2102) (LOCATED IN CAB ROOF FRONT) (W/ LONESTAR)  CONNECTOR 1661260C1 BODY LOCK 1661264C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D63D</td> <td>18</td> <td>DK</td> <td>1661262C1</td> </tr> <tr> <td>B</td> <td>D63-GM</td> <td>18</td> <td>WH</td> <td>1661262C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	D63D	18	DK	1661262C1	B	D63-GM	18	WH	1661262C1																				
CAV	CIR	GAUGE	COLOR	TERMINAL																																						
A	D63D	18	DK	1661262C1																																						
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MAP / READING LIGHT (2103) (LOCATED IN CAB ROOF) (W/ PROSTAR)  CONNECTOR 1669972C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D63M</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>D63-GF</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	D63M	18	DKBL	1661208C1	B	D63-GF	18	WH	1661208C1	MAP / READING LIGHT (2102) (LOCATED IN CAB ROOF) (W/ LONESTAR)  CONNECTOR 1669973C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D63M</td> <td>18</td> <td>DK</td> <td>1661212C1</td> </tr> <tr> <td>B</td> <td>D63-GF</td> <td>18</td> <td>WH</td> <td>1661212C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	D63M	18	DK	1661212C1	B	D63-GF	18	WH	1661212C1					
CAV	CIR	GAUGE	COLOR	TERMINAL																																						
A	D63M	18	DKBL	1661208C1																																						
B	D63-GF	18	WH	1661208C1																																						
CAV	CIR	GAUGE	COLOR	TERMINAL																																						
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B	D63-GF	18	WH	1661212C1																																						
MAP / READING LIGHT (2103) (LOCATED IN CAB ROOF) (W/ PROSTAR)  CONNECTOR 1669972C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D63C</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>D63-GE</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	D63C	18	DKBL	1661208C1	B	D63-GE	18	WH	1661208C1	MAP / READING LIGHT (2103) (LOCATED IN CAB ROOF) (W/ LONESTAR)  CONNECTOR 1669973C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D63C</td> <td>18</td> <td>DK</td> <td>1661212C1</td> </tr> <tr> <td>B</td> <td>D63-GE</td> <td>18</td> <td>WH</td> <td>1661212C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	D63C	18	DK	1661212C1	B	D63-GE	18	WH	1661212C1					
CAV	CIR	GAUGE	COLOR	TERMINAL																																						
A	D63C	18	DKBL	1661208C1																																						
B	D63-GE	18	WH	1661208C1																																						
CAV	CIR	GAUGE	COLOR	TERMINAL																																						
A	D63C	18	DK	1661212C1																																						
B	D63-GE	18	WH	1661212C1																																						
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																				
CNA1	14JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																				
					RELEASE NO.	DATE	PART NO. SHEET																																			
					59637L	07SEP06	AE08055906 058																																			

Figure 298 Connector Composites (2100), (2101), (2102), (2103)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.70. CONNECTOR COMPOSITES (2200), (2201), P. 59

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																	
CUSTOMER SUPPLIED WORK LIGHT (2200) (LOCATED IN LEFT BACK PANEL DAYCAB))  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A65BFA</td> <td>18</td> <td>OR</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A65-GFA</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	A65BFA	18	OR	1661261C1	B	A65-GFA	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																	
A	A65BFA	18	OR	1661261C1																	
B	A65-GFA	18	WH	1661261C1																	
CUSTOMER SUPPLIED WORK LIGHT (2201) (LOCATED IN RIGHT BACKPANEL (DAYCAB))  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A65BFB</td> <td>18</td> <td>OR</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A65-GFB</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	A65BFB	18	OR	1661261C1	B	A65-GFB	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																	
A	A65BFB	18	OR	1661261C1																	
B	A65-GFB	18	WH	1661261C1																	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME															
DLV1	19NOV09	RMVD CONNECTOR 2300.	B	63656A	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR															
					RELEASE NO.	DATE															
					59637L	07SEP06															
						PART NO.															
						AE08055906															
						SHEET															
						059															

Figure 299 Connector Composites (2200), (2201)

14.71. CONNECTOR COMPOSITES (2224), (2225), (2227), P. 59A

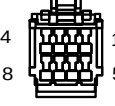
INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																									
DRIVER DISPLAY POWER (2224) (LOCATED IN INSTRUMENT PANEL CENTER)  CONNECTOR - 3833917C1 BODY LOCK - N/A					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A14A</td><td>12</td><td>RD</td><td>3535805C1</td></tr> <tr><td>2</td><td>A10AA</td><td>20</td><td>WH</td><td>3535805C1</td></tr> <tr><td>3</td><td>A12B</td><td>18</td><td>LTBL</td><td>3535805C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>A10AB</td><td>20</td><td>WH</td><td>3535805C1</td></tr> <tr><td>6</td><td>A86A(+)</td><td>20</td><td>YL</td><td>3535805C1</td></tr> <tr><td>7</td><td>A86A(-)</td><td>20</td><td>GN</td><td>3535805C1</td></tr> <tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERMINAL	1	A14A	12	RD	3535805C1	2	A10AA	20	WH	3535805C1	3	A12B	18	LTBL	3535805C1	4	-	-	-	-	5	A10AB	20	WH	3535805C1	6	A86A(+)	20	YL	3535805C1	7	A86A(-)	20	GN	3535805C1	8	-	-	-	-																																								
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																																										
1	A14A	12	RD	3535805C1																																																																																										
2	A10AA	20	WH	3535805C1																																																																																										
3	A12B	18	LTBL	3535805C1																																																																																										
4	-	-	-	-																																																																																										
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6	A86A(+)	20	YL	3535805C1																																																																																										
7	A86A(-)	20	GN	3535805C1																																																																																										
8	-	-	-	-																																																																																										
DRIVER DISPLAY IO/MIC (2225) (LOCATED IN INSTRUMENT PANEL CENTER)  CONNECTOR - 3834322C1 BODY LOCK - N/A					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A9A</td><td>20</td><td>WH</td><td>3835322C1</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>A5L(+)</td><td>20</td><td>YL</td><td>3835322C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>A10AC</td><td>20</td><td>WH</td><td>3835322C1</td></tr> <tr><td>11</td><td>A86AA</td><td>20</td><td>LTGN</td><td>3835322C1</td></tr> <tr><td>12</td><td>A86AB</td><td>20</td><td>LTGN</td><td>3835322C1</td></tr> <tr><td>13</td><td>A86AC</td><td>20</td><td>LTGN</td><td>3835322C1</td></tr> <tr><td>14</td><td>A86AD</td><td>20</td><td>LTGN</td><td>3835322C1</td></tr> <tr><td>15</td><td>A10AD</td><td>20</td><td>WH</td><td>3835322C1</td></tr> <tr><td>16</td><td>A5L(-)</td><td>20</td><td>GN</td><td>3835322C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERMINAL	1	A9A	20	WH	3835322C1	2	-	-	-	-	3	-	-	-	-	4	-	-	-	-	5	-	-	-	-	6	-	-	-	-	7	-	-	-	-	8	A5L(+)	20	YL	3835322C1	9	-	-	-	-	10	A10AC	20	WH	3835322C1	11	A86AA	20	LTGN	3835322C1	12	A86AB	20	LTGN	3835322C1	13	A86AC	20	LTGN	3835322C1	14	A86AD	20	LTGN	3835322C1	15	A10AD	20	WH	3835322C1	16	A5L(-)	20	GN	3835322C1
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DRIVER DISPLAY J1939 RESISTOR (2227) (LOCATED IN INSTRUMENT PANEL CENTER)  CONNECTOR 1667741C1 BODY LOCK 166771C1					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A86F(+)</td><td>18</td><td>YL</td><td>1661875C1</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>A86F(-)</td><td>18</td><td>GN</td><td>1661875C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86F(+)	18	YL	1661875C1	B	-	-	-	-	C	A86F(-)	18	GN	1661875C1																																																																	
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Figure 300 Connector Composites (2224), (2225), (2227)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

301

14.72. CONNECTOR COMPOSITES (2300), (2301), (2302), P. 60

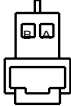
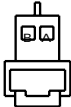
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																														
LEFT SPEAKER (2300) (LOCATED IN LEFT B PILLAR (DAYCAB) (W/ PROSTAR)  CONNECTOR 3535769C1 BODY LOCK 3535770C1				<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>A86BA</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A86CA</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86BA	18	LTGN	1661261C1	B	A86CA	18	LTGN	1661261C1												
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B	A86CA	18	LTGN	1661261C1																														
RIGHT SPEAKER (2301) (LOCATED IN RIGHT B PILLAR (DAYCAB) (W/ PROSTAR)  CONNECTOR 3535769C1 BODY LOCK 3535770C1				<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>A86DA</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>A86EA</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86DA	18	LTGN	1661261C1	B	A86EA	18	LTGN	1661261C1												
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LEFT CONSOLE SPEAKER (2302) (LOCATED IN CAB ROOF) (W/ LONESTAR)  CONNECTOR 3535769C1 BODY LOCK 3535770C1				<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> <tr> <td>A</td> <td>C86H</td> <td>18</td> <td>LT</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>C86J</td> <td>18</td> <td>LT</td> <td>1661261C1</td> </tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	C86H	18	LT	1661261C1	B	C86J	18	LT	1661261C1												
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Figure 301 Connector Composites (2300), (2301), (2302)

14.73. CONNECTOR COMPOSITES (2303F/2303M), (2304), (2312), P. 60A

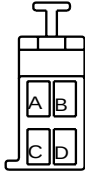
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																												
 CONNECTOR 1661197C1 <table border="1" style="margin: auto;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C86F</td> <td>16</td> <td>LTGN</td> <td>1661209C1</td> </tr> <tr> <td>B</td> <td>C86-GF</td> <td>16</td> <td>WH</td> <td>1661209C1</td> </tr> </tbody> </table>  CONNECTOR 1661196C1 <table border="1" style="margin: auto;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C86M</td> <td>16</td> <td>LTGN</td> <td>1661209C1</td> </tr> <tr> <td>B</td> <td>C86-GG</td> <td>16</td> <td>WH</td> <td>1661209C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	C86F	16	LTGN	1661209C1	B	C86-GF	16	WH	1661209C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	C86M	16	LTGN	1661209C1	B	C86-GG	16	WH	1661209C1												
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 CONNECTOR 3533975C1 BODY LOCK 3534158C1 <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A63B</td> <td>16</td> <td>DKBL</td> <td>3534165C1</td> </tr> <tr> <td>B</td> <td>A9BAA</td> <td>16</td> <td>GY</td> <td>3534165C1</td> </tr> <tr> <td>C</td> <td>A86BA</td> <td>18</td> <td>LTGN</td> <td>3534164C1</td> </tr> <tr> <td>D</td> <td>A86CA</td> <td>18</td> <td>LTGN</td> <td>3534164C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	A63B	16	DKBL	3534165C1	B	A9BAA	16	GY	3534165C1	C	A86BA	18	LTGN	3534164C1	D	A86CA	18	LTGN	3534164C1																	
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Figure 302 Connector Composites (2303F/2303M), (2304), (2312)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

303

14.74. CONNECTOR COMPOSITES (2313), (2500), P. 61

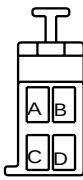
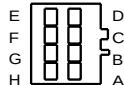
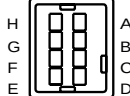
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DOOR / SW SPEAKER JUMPER (2313) (LOCATED RIGHT SIDE, BACK OF DRIVER DOOR) (W/ LONESTAR)  CONNECTOR 3533975C1 BODY LOCK 3534158C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A63C</td><td>16</td><td>DKBL</td><td>3534165C1</td></tr><tr><td>B</td><td>A9BAB</td><td>16</td><td>GY</td><td>3534165C1</td></tr><tr><td>C</td><td>A86DA</td><td>18</td><td>LTGN</td><td>3534164C1</td></tr><tr><td>D</td><td>A86EA</td><td>18</td><td>LTGN</td><td>3534164C1</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	A63C	16	DKBL	3534165C1	B	A9BAB	16	GY	3534165C1	C	A86DA	18	LTGN	3534164C1	D	A86EA	18	LTGN	3534164C1																																																																	
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C	A86DA	18	LTGN	3534164C1																																																																																											
D	A86EA	18	LTGN	3534164C1																																																																																											
CONSOLE / ROOF STANDARD (2500) (LOCATED IN CAB ROOF) (W/ PROSTAR)   CONNECTOR 3515762C1 BODY LOCK 3515764C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>D86F</td><td>16</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>B</td><td>D63-GL</td><td>16</td><td>WH</td><td>1661262C1</td></tr><tr><td>C</td><td>D63D</td><td>18</td><td>DKBL</td><td>1661262C1</td></tr><tr><td>D</td><td>D63E</td><td>18</td><td>DKBL</td><td>1661262C1</td></tr><tr><td>E</td><td>D86L</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>F</td><td>D86J</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>G</td><td>D86H</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr><tr><td>H</td><td>D86K</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr></tbody></table> CONNECTOR 3515763C1 BODY LOCK 3515765C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>C86F</td><td>16</td><td>LTGN</td><td>1661261C1</td></tr><tr><td>B</td><td>C63-GL</td><td>16</td><td>WH</td><td>1661261C1</td></tr><tr><td>C</td><td>C63D</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr><tr><td>D</td><td>C63E</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr><tr><td>E</td><td>C86L</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr><tr><td>F</td><td>C86J</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr><tr><td>G</td><td>C86H</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr><tr><td>H</td><td>C86K</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	D86F	16	LTGN	1661262C1	B	D63-GL	16	WH	1661262C1	C	D63D	18	DKBL	1661262C1	D	D63E	18	DKBL	1661262C1	E	D86L	18	LTGN	1661262C1	F	D86J	18	LTGN	1661262C1	G	D86H	18	LTGN	1661262C1	H	D86K	18	LTGN	1661262C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	C86F	16	LTGN	1661261C1	B	C63-GL	16	WH	1661261C1	C	C63D	18	DKBL	1661261C1	D	C63E	18	DKBL	1661261C1	E	C86L	18	LTGN	1661261C1	F	C86J	18	LTGN	1661261C1	G	C86H	18	LTGN	1661261C1	H	C86K	18	LTGN	1661261C1
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Figure 303 Connector Composites (2313), (2500)

14.75. CONNECTOR COMPOSITES (3000), (3003/3003M), (3100/3100M), P. 62

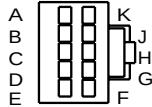
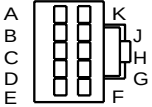
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																										
DRIVER DOOR CONNECTOR (3000) (LOCATED IN INSTRUMENT PANEL BELOW FUSE PANEL COVER BY DRIVER DOOR)  CONNECTOR 3540612C1 BODY LOCK 3540614C1 <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A78D</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>A78E</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>C</td><td>A78F</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D</td><td>A78A</td><td>16</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>E</td><td>A62BD</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>F</td><td>A58DA</td><td>18</td><td>BN</td><td>1661261C1</td></tr> <tr><td>G</td><td>A78V</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>H</td><td>A78-GA</td><td>16</td><td>WH</td><td>1661261C1</td></tr> <tr><td>J</td><td>A56D</td><td>18</td><td>OR</td><td>1661261C1</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	A78D	18	LTGN	1661261C1	B	A78E	18	LTGN	1661261C1	C	A78F	18	LTGN	1661261C1	D	A78A	16	LTGN	1661261C1	E	A62BD	18	DKBL	1661261C1	F	A58DA	18	BN	1661261C1	G	A78V	18	LTGN	1661261C1	H	A78-GA	16	WH	1661261C1	J	A56D	18	OR	1661261C1	K	-	-	-	-
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PASSENGER DOOR HARNESS (3003 / 3003M) (LOCATED IN INSTRUMENT PANEL BELOW FUSE PANEL COVER BY PASSENGER DOOR)  CONNECTOR 3540612C1 BODY LOCK 3540614C1 <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>A78D</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>A78E</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>C</td><td>A78F</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D</td><td>A78B</td><td>16</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>A58DB</td><td>18</td><td>BN</td><td>1661261C1</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>H</td><td>A78-GB</td><td>16</td><td>WH</td><td>1661261C1</td></tr> <tr><td>J</td><td>A57D</td><td>18</td><td>OR</td><td>1661261C1</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	A78D	18	LTGN	1661261C1	B	A78E	18	LTGN	1661261C1	C	A78F	18	LTGN	1661261C1	D	A78B	16	LTGN	1661261C1	E	-	-	-	-	F	A58DB	18	BN	1661261C1	G	-	-	-	-	H	A78-GB	16	WH	1661261C1	J	A57D	18	OR	1661261C1	K	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERMINAL																																																										
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J	A57D	18	OR	1661261C1																																																										
K	-	-	-	-																																																										
WINDOW MOTOR (3100 / 3100M) (LOCATED IN DOOR (DRIVER AND PASSENGER))  CONNECTOR 3534424C1 BODY LOCK 3534425C1 <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>E83A</td><td>14</td><td>LTGN</td><td>3535486C1</td><td>0589391C1</td></tr> <tr><td>B</td><td>E83E</td><td>14</td><td>LTGN</td><td>3535486C1</td><td>0589391C1</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	E83A	14	LTGN	3535486C1	0589391C1	B	E83E	14	LTGN	3535486C1	0589391C1																																					
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																									
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B	E83E	14	LTGN	3535486C1	0589391C1																																																									
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					SHEET 062																																																									

Figure 304 Connector Composites (3000), (3003/3003M), (3100/3100M)

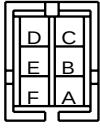
**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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**14.76. CONNECTOR COMPOSITES (3200/3200F), (3201M), (3202M), (3203), (3203M),
P. 63**

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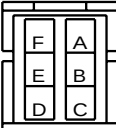
**DOOR / IP DOOR POD
(3200 / 3200F)**
(LOCATED IN INSTRUMENT PANEL BY DRIVER DOOR)



CONNECTOR 1661201C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	E3W(+)	18	DKBL	1661212C1
B	E3X(-)	18	GY	1661212C1
C	E81B	12	LTGN	3534167C1
D	E81-GA	12	WH	3534167C1
E	-	-	-	-
F	-	-	-	-

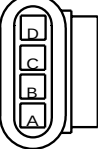
**DOOR / IP DOOR POD
(3200 / 3200F)**
(LOCATED IN INSTRUMENT PANEL BY DRIVER DOOR)



CONNECTOR 1661200C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	A3AB(+)	20	DKBL	1661208C1
B	A3AB(-)	20	GY	1661208C1
C	A81B	12	LTGN	3566715C1
D	A81-GA	12	WH	3566715C1
E	-	-	-	-
F	-	-	-	-

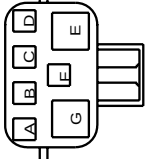
**DOOR POD LOAD
(3201M)**
(LOCATED IN DOOR (DRIVER AND PASSENGER))



**CONNECTOR 3535482C1
BODY LOCK 3535483C1**

CAV	CIR	GAUGE	COLOR	TERMINAL
A	E83E	14	LTGN	2033816C1
B	E83A	14	LTGN	2033816C1
C	E81A	14	LTGN	2033816C1
D	E81E	14	LTGN	2033816C1

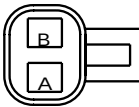
**DRIVER OR PASSENGER
DOOR POD SIGNAL
(3202M)**
(LOCATED IN DOOR (DRIVER AND PASSENGER))
(W/ PROSTAR)



**CONNECTOR 3540565C1
BODY LOCK 3540617C1**

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	PLUG	-	-	2025431C1	-
B	PLUG	-	-	2025431C1	-
C	E3X(-)	18	GY	1661875C1	1661872C1
D	E3W(+)	18	DKBL	1661875C1	1661872C1
E	E81-GA	12	WH	2031531C1	2025428C1
F	PLUG	-	-	2025431C1	-
G	E81B	12	LTGN	2031531C1	2025428C1

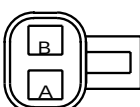
**DOOR LOCK
(3203)**
(LOCATED IN DOOR (DRIVER AND PASSENGER))



**CONNECTOR 1671608C1
BODY LOCK 1671608C1**

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	E81A	14	LTGN	2033816C1	0589391C1
B	E81E	14	LTGN	2033816C1	0589391C1

**DOOR LOCK
(3203M)**
(LOCATED IN DOOR (DRIVER AND PASSENGER))
(W/ LONESTAR)



**CONNECTOR 1671610C1
BODY LOCK 1671608C1**

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	E81A	14	LTGN	2033816C1	0589391C1
B	E81E	14	LTGN	2033816C1	0589391C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	ADDED LONESTAR EFFECT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					RELEASE NO.	DATE
					59637L	22SEP06
						PART NO.
						AE08055906
						SHEET
						063

Figure 305 Connector Composites (3200/3200F), (3201M), (3202M), (3203), (3203M)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.77. CONNECTOR COMPOSITES (3204/3204M), (3205M/3205F), (3206M), (3300/3300M), (3400), (3410), P. 64

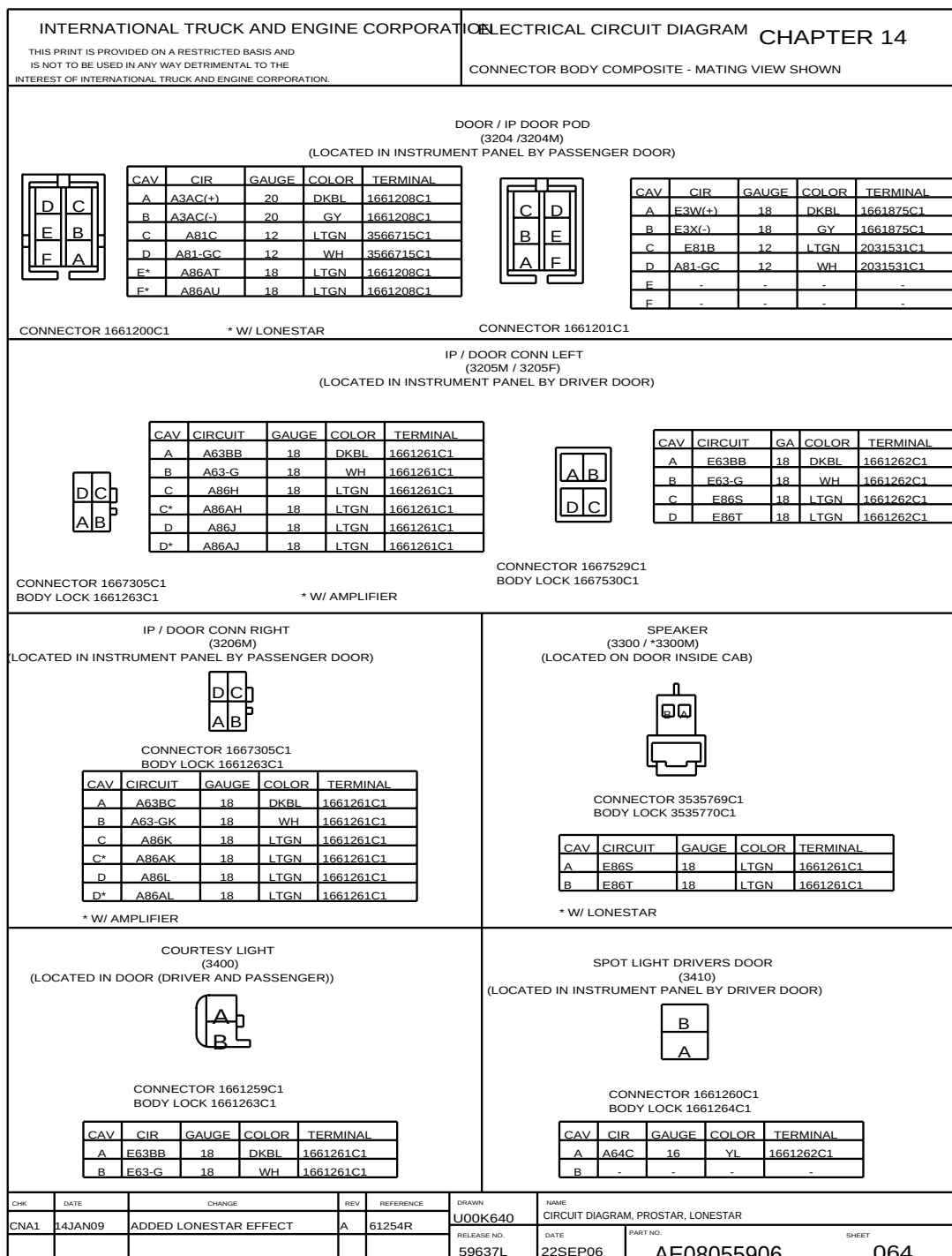


Figure 306 Connector Composites (3204/3204M), (3205M/3205F), (3206M), (3300/3300M), (3400), (3410)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.78. CONNECTOR COMPOSITES (4101), (4200), (4201), (4202), (4203), (4204), P. 65

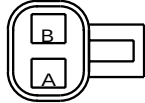
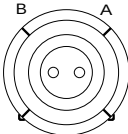
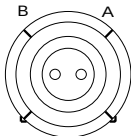
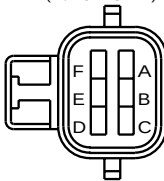
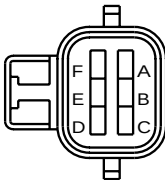
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ICON ALARM (4101) (LOCATED ON DASH PANEL UNDER COWL TRAY)  CONNECTOR 1671610C1 BODY LOCK 1671608C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A17HC</td> <td>18</td> <td>PK</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>A*</td> <td>A104AE</td> <td>18</td> <td>DK BL</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>B</td> <td>A14HHC</td> <td>18</td> <td>RD</td> <td>2033819C1</td> <td>3517771C1</td> </tr> <tr> <td>B*</td> <td>A104AF</td> <td>18</td> <td>DK BL</td> <td>2033819C1</td> <td>3517771C1</td> </tr> </tbody> </table> * W/ REMOTE START / STOP				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A17HC	18	PK	2033819C1	3517771C1	A*	A104AE	18	DK BL	2033819C1	3517771C1	B	A14HHC	18	RD	2033819C1	3517771C1	B*	A104AF	18	DK BL	2033819C1	3517771C1	AC ACCUMULATOR EVAPORATOR OUTLET THERMISTOR (4200) (LOCATED ON DASH PANEL - RIGHT SIDE)  CONNECTOR 3535379C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A77D</td> <td>20</td> <td>LTGN</td> <td>3536590C1</td> </tr> <tr> <td>B</td> <td>A9AB</td> <td>20</td> <td>GY</td> <td>3536590C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	A77D	20	LTGN	3536590C1	B	A9AB	20	GY	3536590C1															
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PARKED HEAT VALVE 1A (4203) (W/ PROSTAR)  CONNECTOR 2011340C1 BODY LOCK 2011364C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A74D</td> <td>18</td> <td>LTGN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>C</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>D</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>E</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>2025431C1</td> <td>-</td> </tr> <tr> <td>F</td> <td>A74E</td> <td>18</td> <td>LTGN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A74D	18	LTGN	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	PLUG	-	-	2025431C1	-	D	PLUG	-	-	2025431C1	-	E	PLUG	-	-	2025431C1	-	F	A74E	18	LTGN	1661875C1	3568570C1	PARKED HEAT VALVE 1B (4204) (W/ PROSTAR)  CONNECTOR 3590299C1 BODY LOCK 1661874C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A75TK</td> <td>18</td> <td>LTGN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>A75T-GB</td> <td>18</td> <td>LTGN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A75TK	18	LTGN	1661875C1	3568570C1	B	A75T-GB	18	LTGN	1661875C1	3568570C1
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Figure 307 Connector Composites (4101), (4200), (4201), (4202), (4203), (4204)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.79. CONNECTOR COMPOSITES (4328), (4500), (4705), (4706), P. 65A

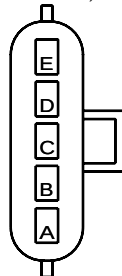
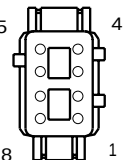
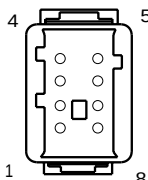
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ENGINE DIAGNOSTICS CONNECTOR (4328) (W/ PROSTAR)  CONNECTOR 3602454C1 BODY LOCK 1655705C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K98YL6</td> <td>18</td> <td>YL</td> <td>3572626C1</td> </tr> <tr> <td>B</td> <td>K98GN6</td> <td>18</td> <td>GN</td> <td>3572626C1</td> </tr> <tr> <td>C</td> <td>K91A</td> <td>18</td> <td>VT</td> <td>3572626C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K98YL6	18	YL	3572626C1	B	K98GN6	18	GN	3572626C1	C	K91A	18	VT	3572626C1	WIPER MOTOR (4500) (LOCATED UNDER HOOD)  CONNECTOR 1661375C2 BODY LOCK 1661376C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A82D</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>A82J</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>A82-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>A82K</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E</td> <td>A82L</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A82D	16	GY	2033819C1	1652325C1	B	A82J	16	GY	2033819C1	1652325C1	C	A82-G	16	WH	2033819C1	1652325C1	D	A82K	16	GY	2033819C1	1652325C1	E	A82L	16	GY	2033819C1	1652325C1																																		
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BODY BUILDER CONNECTOR (4705) (W/ PROSTAR)  CONNECTOR 3539139C1 BODY LOCK 3539144C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K92A15</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>2</td> <td>K92A11</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>3</td> <td>K92A12</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>4</td> <td>K92A13</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>5</td> <td>K92A9</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>6</td> <td>K92A10</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>7</td> <td>K92A8</td> <td>18</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>8</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3527276C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K92A15	18	TN	3518963C1	2	K92A11	18	TN	3518963C1	3	K92A12	18	TN	3518963C1	4	K92A13	18	TN	3518963C1	5	K92A9	18	TN	3518963C1	6	K92A10	18	TN	3518963C1	7	K92A8	18	TN	3518963C1	8	PLUG	-	-	3527276C1	BODY BUILDER CONNECTOR 2 (4706) (W/ PROSTAR)  CONNECTOR 3539140C1 BODY LOCK 3539145C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K92A5</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>2</td> <td>K92A4</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>3</td> <td>K92A3</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>4</td> <td>K92A14</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>5</td> <td>K92A2</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>6</td> <td>K92A6</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>7</td> <td>K92A7</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>8</td> <td>K92A1</td> <td>18</td> <td>TN</td> <td>3518961C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K92A5	18	TN	3518961C1	2	K92A4	18	TN	3518961C1	3	K92A3	18	TN	3518961C1	4	K92A14	18	TN	3518961C1	5	K92A2	18	TN	3518961C1	6	K92A6	18	TN	3518961C1	7	K92A7	18	TN	3518961C1	8	K92A1	18	TN	3518961C1
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Figure 308 Connector Composites (4328), (4500), (4705), (4706)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.80. CONNECTOR COMPOSITES (5000/5000A), P. 66

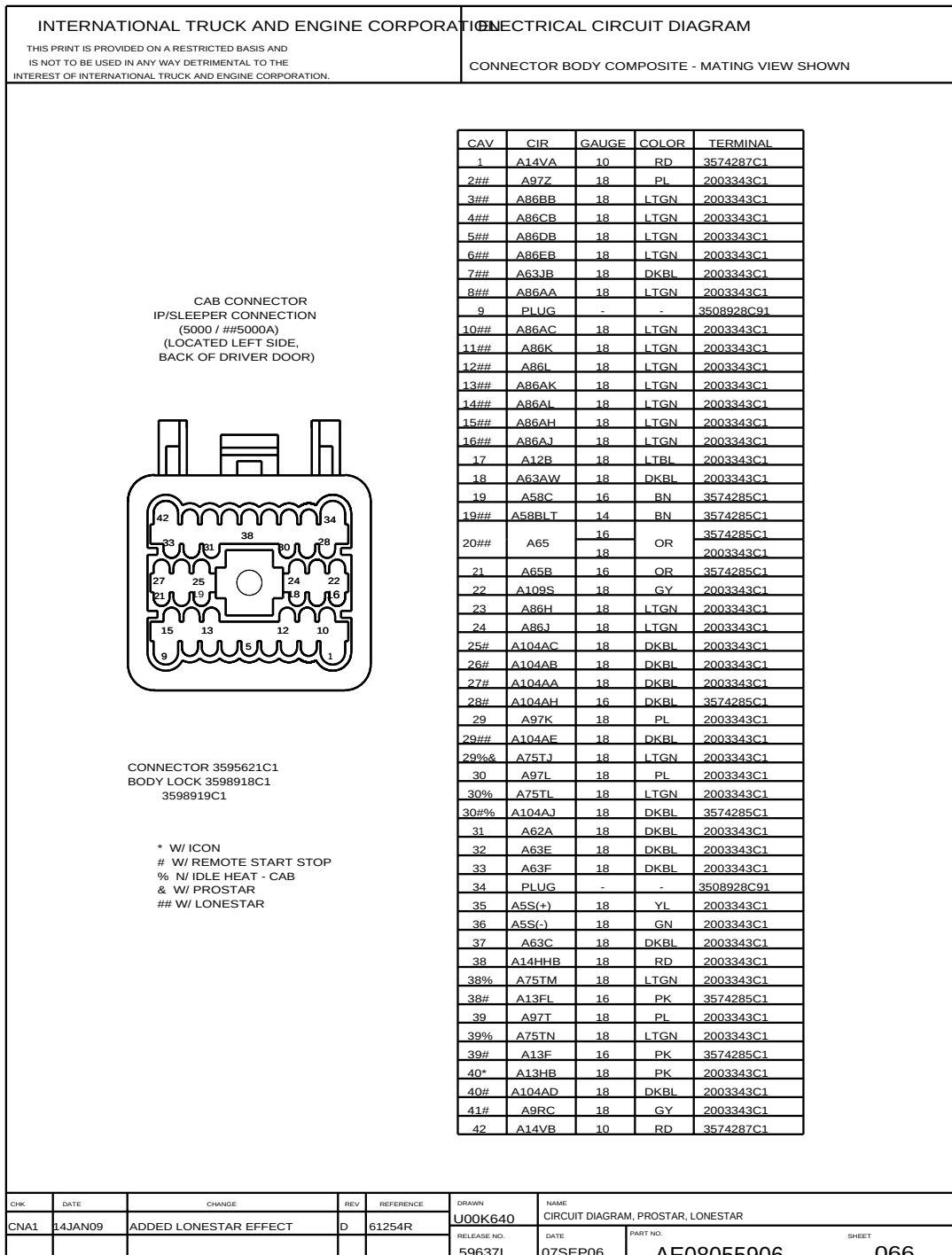


Figure 309 Connector Composites (5000/5000A)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.81. CONNECTOR COMPOSITES (5000), P. 67

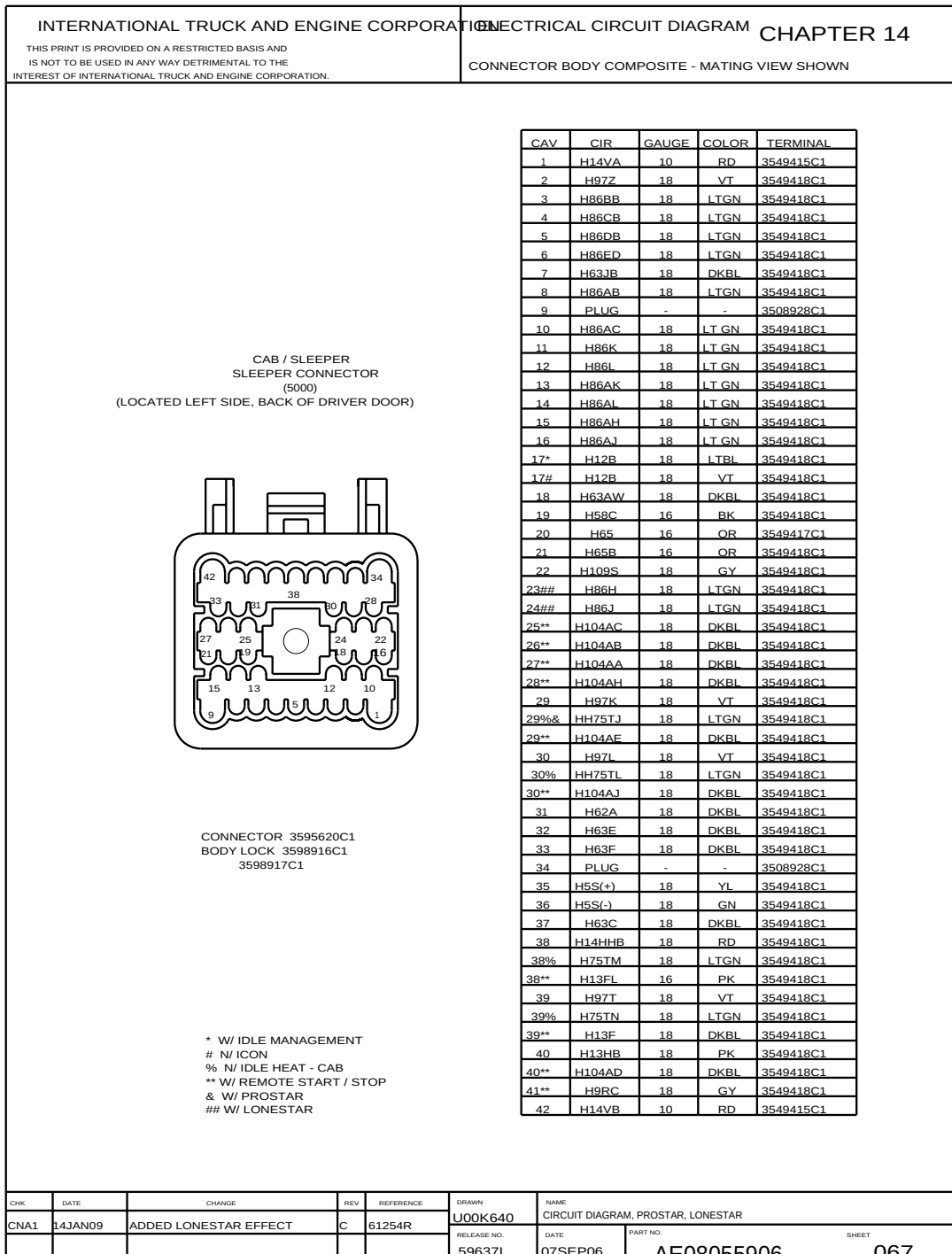


Figure 310 Connector Composites (5000)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

311

14.82. CONNECTOR COMPOSITES (5001), P. 68

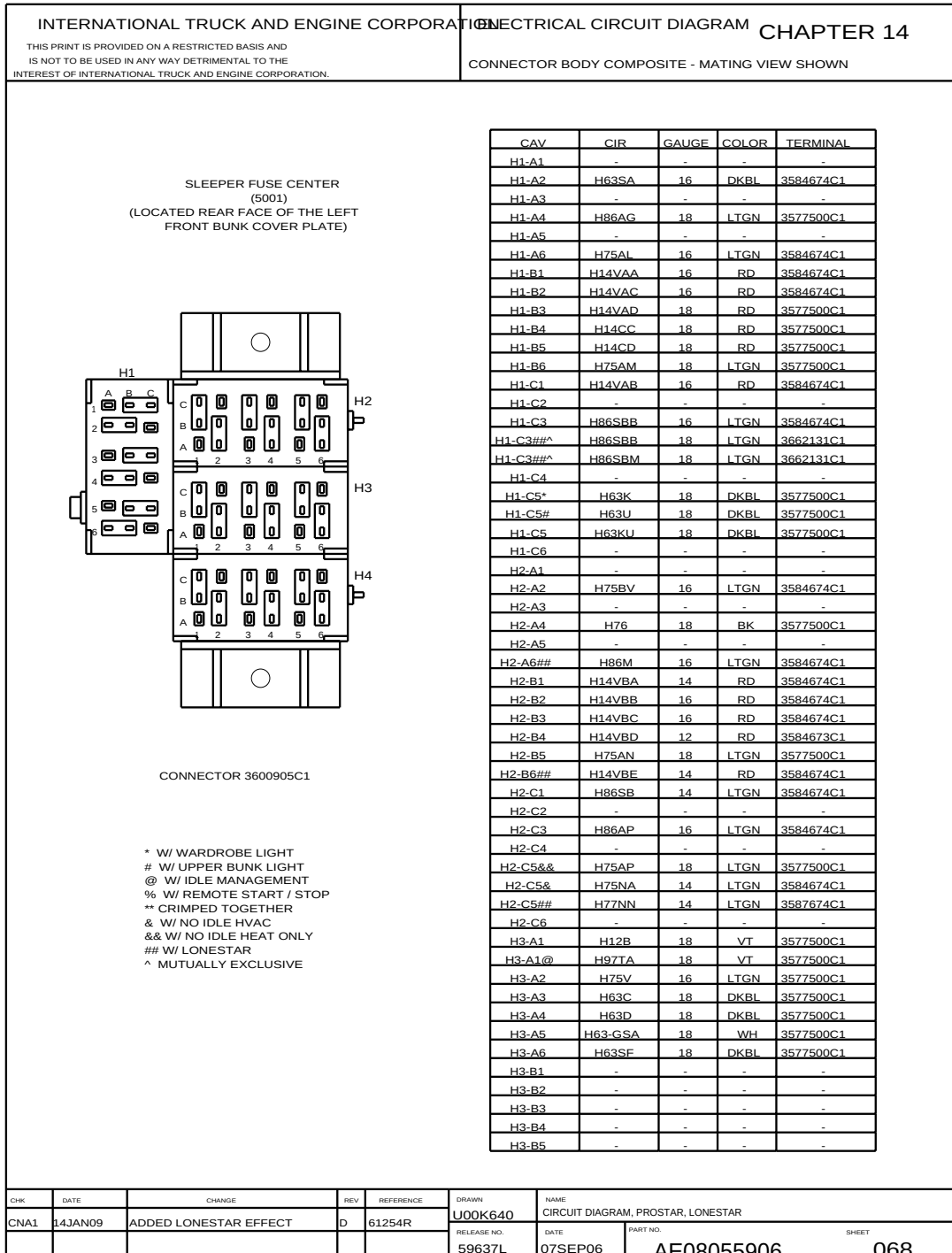


Figure 311 Connector Composites (5001)

14.83. CONNECTOR COMPOSITES (5001), P. 68A

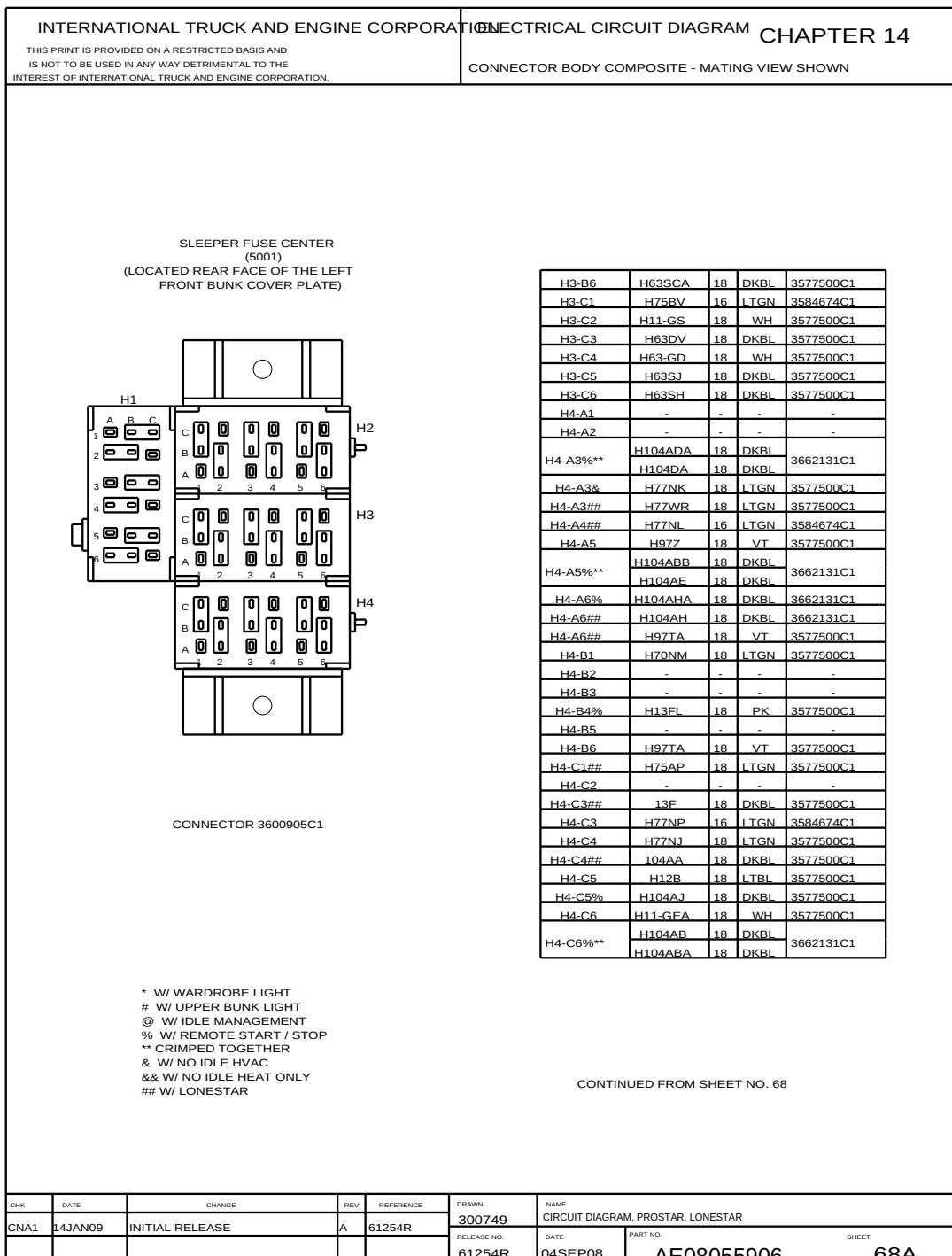


Figure 312 Connector Composites (5001)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.84. CONNECTOR COMPOSITES (5003), (5005), (5006), (5007), P. 69

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CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN

12V POWER SOURCE
(5003)
(LOCATED IN SLEEPER CONTROL PANEL)



CONNECTOR 3613000C1
BODY LOCK 3557682C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	H86SBA	16	LTBL	3534165C1
B	-	-	-	-
C	H86-GSA	16	WH	3534165C1

12V POWER SOURCE
(5005)
(LOCATED UNDER BUNK - RIGHT SIDE)



CONNECTOR 0872291R1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	H86-GSC	16	WH	0188396R1
B	H86SA	16	LTGN	0188396R1

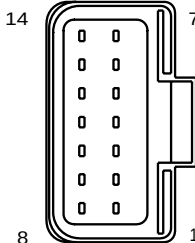
POWER PANEL GROUND
(5006)
(LOCATED UNDER BUNK)



CONNECTOR 1661197C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	-	-	-	-
B	HA11-GSP	14	WH	3534167C1

GROUND ADAPTER
(5007)
(LOCATED REAR FACE OF FRONT LEFT BUNK PANEL)



CONNECTOR 3613769C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	H11-GM	10	WH	3613770C1
1^	H11-GM	10	WH	3612307C1
2	H58-G	16	WH	3613771C1
2^	H58-G	16	WH	3613770C1
3	H86-GH	16	LTGN	3613770C1
3^	H86-GH	16	LTGN	3613770C1
4	H65-GE	16	WH	3613771C1
4^	H65-GE	16	WH	3613770C1
5	H86-GHW	18	LTGN	3613771C1
6	H86-GK	18	WH	3613771C1
7	H11-GSP	14	WH	3613770C1
8	H63-GK	18	WH	3613771C1
8&&	H63-GU	18	WH	3613771C1
8&	H63-GX	18	WH	3613771C1
9	H75-GB	18	WH	3613771C1
9#	H75-GB	18	LTGN	3613771C1
9%	H77NT	14	LTGN	3613770C1
10	H11-GT	14	WH	3613770C1
10^	H63-GU	18	WH	3613771C1
11*	H11-GSD	18	WH	3613771C1
11+	H11-GMB	18	WH	3613771C1
11++	H11-GMC	18	WH	3613771C1
11@	H11-GMB	18	WH	3613771C1
11**	H11-GMD	18	WH	3613771C1
12	H76-G	18	WH	3613771C1
12^	H86-GB	16	WH	3613770C1
13	H75-GSX	14	WH	3613770C1
13##	H104-GB	18	DKBL	3613771C1
13@@	H11-GEC	18	WH	3613771C1
14	H86-GB	16	WH	3613770C1
14^	H86-GSM	16	WH	3613770C1

* W/ TRIP MASTER
+ W/ QUALCOMM W/ TMCT
++ W/ QUALCOMM W/ IMCT
@ W/ SATELLITE COMMUNICATION
** W/ XATA
W/ COOLANT HEATER
W/ REMOTE START / STOP
& W/ WARDROBE & UPPER BUNK LIGHTS-W/72" CAB
&& W/ UPPER BUNK LIGHT-W/72" CAB
@@ W/ IDLE MANAGEMENT-W/51" CAB
% W/ NO IDLE HVAC
^ W/ LONESTAR

CHK

DATE

CHANGE

REV

REFERENCE

DRAWN

RELEASE NO.

DATE

PART NO.

SHEET

CNA1

14JAN09

ADDED LONESTAR EFFECT

D

61254R

U00K640

59637L

07SEP06

AE08055906

069

Figure 313 Connector Composites (5003), (5005), (5006), (5007)

14.85. CONNECTOR COMPOSITES (5007), P. 69A

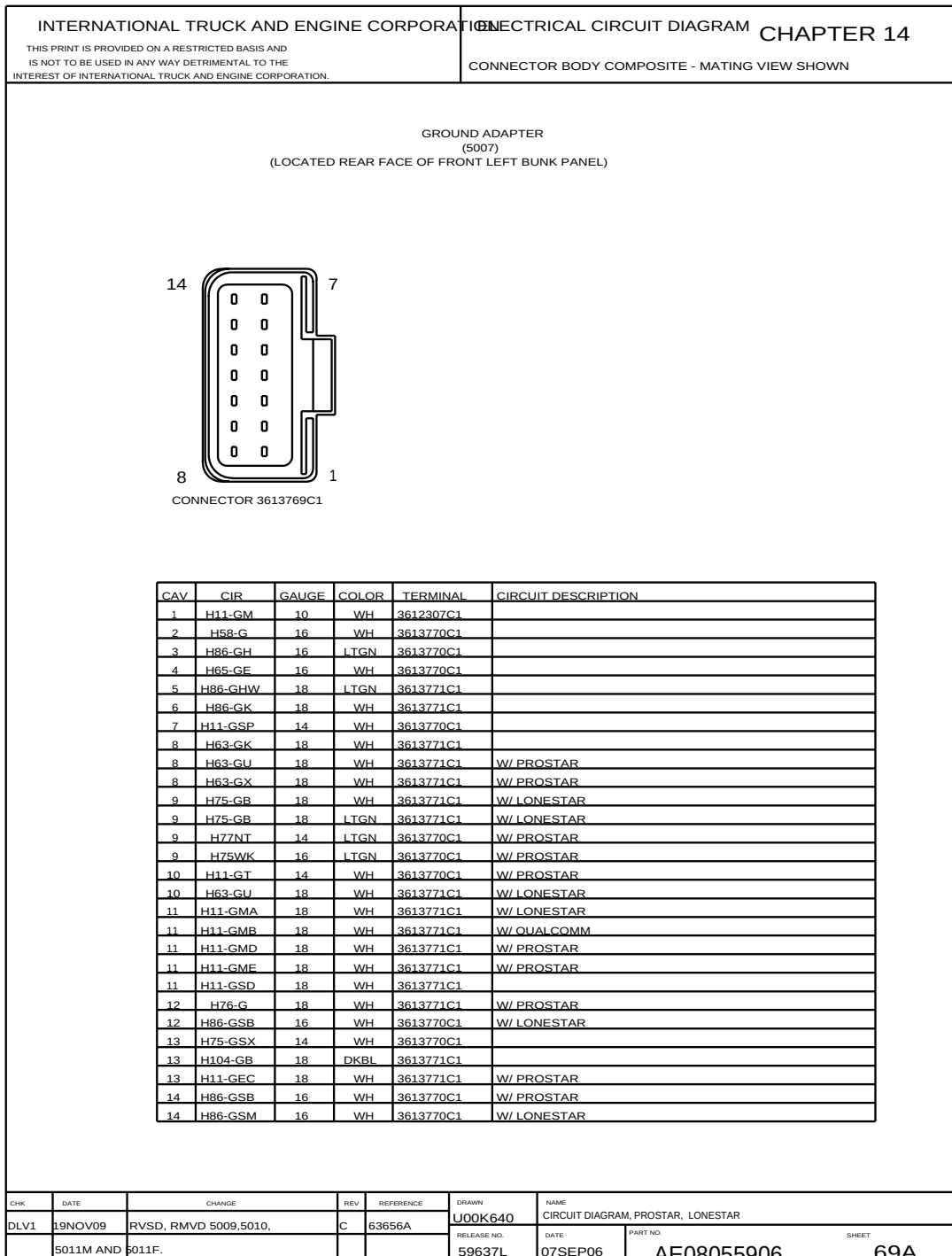


Figure 314 Connector Composites (5007)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.86. CONNECTOR COMPOSITES (5009), (5010), (5011M/5011F), P. 69B

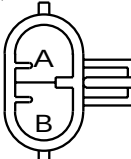
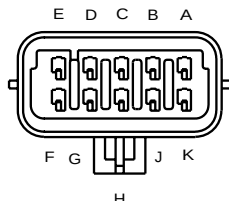
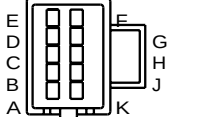
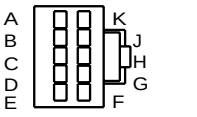
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																																																									
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AUX HEATER (5009) (LOCATED ON RIGHT SIDE, BACK OF PASSENGER DOOR)  CONNECTOR 2031520C1 BODY LOCK 2033927C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H75C</td> <td>12</td> <td>LT GN</td> <td>2025422C1</td> <td>2025428C1</td> </tr> <tr> <td>B</td> <td>H11-GSM</td> <td>12</td> <td>WH</td> <td>2025422C1</td> <td>2025428C1</td> </tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	H75C	12	LT GN	2025422C1	2025428C1	B	H11-GSM	12	WH	2025422C1	2025428C1																																																																																																						
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SAT COMMUNICATION (5010) (LOCATED ON RIGHT SIDE, BACK OF PASSENGER DOOR)  CONNECTOR 3538634C1 BODY LOCK 3538636C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A*</td><td>H14SD</td><td>18</td><td>RD</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>A**</td><td>H14ED</td><td>18</td><td>RD</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>A@</td><td>H14EA</td><td>18</td><td>RD</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B@</td><td>H13EE</td><td>18</td><td>PK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B*</td><td>H13SD</td><td>18</td><td>PK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>H13EE</td><td>18</td><td>PK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C@</td><td>H3BD(-)</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C**</td><td>H3BE(-)</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C*</td><td>H98B</td><td>18</td><td>BK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>D@</td><td>H3BD(+)</td><td>18</td><td>DKBL</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>D**</td><td>H3BE(+)</td><td>18</td><td>DKBL</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>D*</td><td>H98A</td><td>18</td><td>BK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>E@</td><td>H98F</td><td>18</td><td>BK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>E**</td><td>H14EBA</td><td>18</td><td>RD</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>F</td><td>H11-GSC</td><td>18</td><td>WH</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>G</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>2025431C1</td></tr> <tr><td>H</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>2025431C1</td></tr> <tr><td>J</td><td>H70E</td><td>18</td><td>OR</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>K</td><td>H50S</td><td>18</td><td>YL</td><td>1667742C1</td><td>1661872C1</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	H14SD	18	RD	1667742C1	1661872C1	A**	H14ED	18	RD	1667742C1	1661872C1	A@	H14EA	18	RD	1667742C1	1661872C1	B@	H13EE	18	PK	1667742C1	1661872C1	B*	H13SD	18	PK	1667742C1	1661872C1	B	H13EE	18	PK	1667742C1	1661872C1	C@	H3BD(-)	18	GY	1667742C1	1661872C1	C**	H3BE(-)	18	GY	1667742C1	1661872C1	C*	H98B	18	BK	1667742C1	1661872C1	D@	H3BD(+)	18	DKBL	1667742C1	1661872C1	D**	H3BE(+)	18	DKBL	1667742C1	1661872C1	D*	H98A	18	BK	1667742C1	1661872C1	E@	H98F	18	BK	1667742C1	1661872C1	E**	H14EBA	18	RD	1667742C1	1661872C1	F	H11-GSC	18	WH	1667742C1	1661872C1	G	PLUG	-	-	-	2025431C1	H	PLUG	-	-	-	2025431C1	J	H70E	18	OR	1667742C1	1661872C1	K	H50S	18	YL	1667742C1	1661872C1
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REMOTE RADIO & TWEETER (5011M / 5011F) (LOCATED ON LEFT SIDE - BACK OF DOOR)  CONNECTOR 3540612C1 BODY LOCK 3540614C1  CONNECTOR 3540613C1 BODY LOCK 3540615C1 <table border="1" style="width: 48%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>H86R</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>B</td><td>H86AE</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>C</td><td>H86(+)</td><td>18</td><td>YL</td><td>1661262C1</td></tr> <tr><td>D</td><td>H86(-)</td><td>18</td><td>GN</td><td>1661262C1</td></tr> <tr><td>E</td><td>H86AF</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>F</td><td>H86AR</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>G</td><td>H86AS</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>H</td><td>H86AT</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>J</td><td>H86AU</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> <table border="1" style="width: 48%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A86R</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>B</td><td>A86AE</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>C</td><td>A86(+)</td><td>18</td><td>YL</td><td>1661262C1</td></tr> <tr><td>C*</td><td>A86D(+)</td><td>18</td><td>YL</td><td>1661262C1</td></tr> <tr><td>D</td><td>A86(-)</td><td>18</td><td>GN</td><td>1661262C1</td></tr> <tr><td>D*</td><td>A86D(-)</td><td>18</td><td>GN</td><td>1661262C1</td></tr> <tr><td>E</td><td>A86F</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>F</td><td>A86AR</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>G</td><td>A86AS</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>H</td><td>A86AT</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>J</td><td>A86AU</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>K</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86R	18	LTGN	1661262C1	B	H86AE	18	LTGN	1661262C1	C	H86(+)	18	YL	1661262C1	D	H86(-)	18	GN	1661262C1	E	H86AF	18	LTGN	1661262C1	F	H86AR	18	LTGN	1661262C1	G	H86AS	18	LTGN	1661262C1	H	H86AT	18	LTGN	1661262C1	J	H86AU	18	LTGN	1661262C1	K	-	-	-	-	CAV	CIR	GAUGE	COLOR	TERMINAL	A	A86R	18	LTGN	1661262C1	B	A86AE	18	LTGN	1661262C1	C	A86(+)	18	YL	1661262C1	C*	A86D(+)	18	YL	1661262C1	D	A86(-)	18	GN	1661262C1	D*	A86D(-)	18	GN	1661262C1	E	A86F	18	LTGN	1661262C1	F	A86AR	18	LTGN	1661262C1	G	A86AS	18	LTGN	1661262C1	H	A86AT	18	LTGN	1661262C1	J	A86AU	18	LTGN	1661262C1	K	-	-	-	-
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Figure 315 Connector Composites (5009), (5010), (5011M/5011F)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.87. CONNECTOR COMPOSITES (5012), (5013), (5014), (5015), (5020), (5031), P. 70

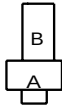
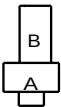
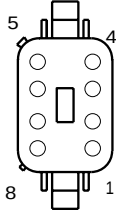
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LONG SLEEPER SKY / RISE 12V POWER SOURCE (5012) (LOCATED IN RIGHT SIDE OF SLEEPER)  CONNECTOR 0872291R1 BODY LOCK 3557682C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H86-GSB</td> <td>16</td> <td>WH</td> <td>0188396R1</td> </tr> <tr> <td>A*</td> <td>H63-SCA</td> <td>18</td> <td>DKBL</td> <td>0573092C1</td> </tr> <tr> <td>B</td> <td>H86SBB</td> <td>16</td> <td>LTGN</td> <td>0188396R1</td> </tr> </tbody> </table> * W/ LONESTAR			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86-GSB	16	WH	0188396R1	A*	H63-SCA	18	DKBL	0573092C1	B	H86SBB	16	LTGN	0188396R1	LONG SLEEPER SKY / RISE 12V POWER SOURCE (5013) (LOCATED IN RIGHT SIDE OF SLEEPER)  CONNECTOR 0872291R1 BODY LOCK 3557682C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H86-GSB</td> <td>16</td> <td>WH</td> <td>0188396R1</td> </tr> <tr> <td>A*</td> <td>H86-GSM</td> <td>16</td> <td>WH</td> <td>0188396R1</td> </tr> <tr> <td>B</td> <td>H86SBB</td> <td>16</td> <td>LTGN</td> <td>0188396R1</td> </tr> <tr> <td>B*</td> <td>H86-SBM</td> <td>18</td> <td>LTGN</td> <td>0879630R1</td> </tr> </tbody> </table> * W/ LONESTAR			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86-GSB	16	WH	0188396R1	A*	H86-GSM	16	WH	0188396R1	B	H86SBB	16	LTGN	0188396R1	B*	H86-SBM	18	LTGN	0879630R1
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PASS UPPER CABINET (5014) (LOCATED IN RIGHT SIDE OF SLEEPER) (W/ LONESTAR)  CONNECTOR 3825188C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>H63UB</td> <td>18</td> <td>DKBL</td> <td>3825382C1</td> </tr> <tr> <td>2</td> <td>H63-GUB</td> <td>18</td> <td>WH</td> <td>3825382C1</td> </tr> <tr> <td>3</td> <td>H86-BBA</td> <td>18</td> <td>LTGN</td> <td>3825382C1</td> </tr> <tr> <td>4</td> <td>H86-BBB</td> <td>18</td> <td>LTGN</td> <td>3825382C1</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	H63UB	18	DKBL	3825382C1	2	H63-GUB	18	WH	3825382C1	3	H86-BBA	18	LTGN	3825382C1	4	H86-BBB	18	LTGN	3825382C1	UNDER BUNK LIGHT LEFT (5015) (LOCATED IN LEFT SIDE OF SLEEPER) (W/ LONESTAR)  CONNECTOR 1669973C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H63-SJA</td> <td>18</td> <td>DKBL</td> <td>1661212C1</td> </tr> <tr> <td>B</td> <td>H63-GSB</td> <td>18</td> <td>WH</td> <td>1661212C1</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63-SJA	18	DKBL	1661212C1	B	H63-GSB	18	WH	1661212C1					
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SKY RISE UPPER BUNK POWER SOURCE (5015) (W/ PROSTAR)  CONNECTOR 3613000C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H86M</td> <td>16</td> <td>LT GN</td> <td>3534165C1</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>H86-GJJ</td> <td>16</td> <td>WH</td> <td>3534165C1</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86M	16	LT GN	3534165C1	B	-	-	-	-	C	H86-GJJ	16	WH	3534165C1	UNDER BUNK LIGHT RIGHT (5020) (LOCATED IN RIGHT SIDE OF SLEEPER) (W/ LONESTAR)  CONNECTOR 1669973C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H63-SJB</td> <td>18</td> <td>DKBL</td> <td>1661212C1</td> </tr> <tr> <td>B</td> <td>H63-GSB</td> <td>18</td> <td>WH</td> <td>1661212C1</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63-SJB	18	DKBL	1661212C1	B	H63-GSB	18	WH	1661212C1										
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APU/PDC (5031) (LOCATED UNDER BUNK)  CONNECTOR 3674957C1 BODY LOCK 3534766C1			<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>H77NA</td> <td>18</td> <td>LTGN</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>H77NB</td> <td>18</td> <td>LTGN</td> <td>1680205C1</td> </tr> <tr> <td>3</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0453133C1</td> </tr> <tr> <td>4</td> <td>H5MB(-)</td> <td>18</td> <td>GN</td> <td>1680205C1</td> </tr> <tr> <td>5</td> <td>H5MB(+)</td> <td>18</td> <td>YL</td> <td>1680205C1</td> </tr> <tr> <td>6</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0453133C1</td> </tr> <tr> <td>7</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0453133C1</td> </tr> <tr> <td>8</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0453133C1</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	H77NA	18	LTGN	1680205C1	2	H77NB	18	LTGN	1680205C1	3	PLUG	-	-	0453133C1	4	H5MB(-)	18	GN	1680205C1	5	H5MB(+)	18	YL	1680205C1	6	PLUG	-	-	0453133C1	7	PLUG	-	-	0453133C1	8	PLUG	-	-	0453133C1
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7	PLUG	-	-	0453133C1																																														
8	PLUG	-	-	0453133C1																																														
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CNA1	14JAN09	ADDED LONESTAR EFFECT	D	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																												
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Figure 316 Connector Composites (5012), (5013), (5014), (5015), (5020), (5031)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.88. CONNECTOR COMPOSITES (5033), (5034), (5035/5035A), (5100), (5101), P. 70A

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MAXXSAVER APU DISPLAY (5033) (LOCATED UNDER BUNK LEFT SIDE) <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>H77C</td><td>22</td><td>RD</td><td>ASSY</td></tr> <tr><td>3</td><td>H77NJ</td><td>22</td><td>BK</td><td>ASSY</td></tr> <tr><td>4</td><td>H5U(+)</td><td>22</td><td>WH</td><td>ASSY</td></tr> <tr><td>5</td><td>H5U(-)</td><td>22</td><td>BL</td><td>ASSY</td></tr> </tbody> </table> CONNECTOR 3824839C91								CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	H77C	22	RD	ASSY	3	H77NJ	22	BK	ASSY	4	H5U(+)	22	WH	ASSY	5	H5U(-)	22	BL	ASSY																				
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MAXXSAVER APU (5034) (LOCATED ON FRAME RAIL NEAR CAB MOUNTING) <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>H5MB(+)</td><td>18</td><td>YL</td><td>2206584C1</td></tr> <tr><td>2</td><td>H5MB(-)</td><td>18</td><td>GN</td><td>2206584C1</td></tr> <tr><td>3</td><td>H77NA</td><td>18</td><td>LTGN</td><td>2206584C1</td></tr> <tr><td>4</td><td>H77NB</td><td>18</td><td>LTGN</td><td>2206584C1</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>3522197C1</td></tr> </tbody> </table> CONNECTOR 2206592C1								CAV	CIR	GAUGE	COLOR	TERMINAL	1	H5MB(+)	18	YL	2206584C1	2	H5MB(-)	18	GN	2206584C1	3	H77NA	18	LTGN	2206584C1	4	H77NB	18	LTGN	2206584C1	5	PLUG	-	-	3522197C1																				
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MAXXSAVER APU DISPLAY INTERCONNECT (5035 / 5035A) (LOCATED ON FRAME RAIL NEAR CAB MOUNTING) CONNECTOR 1667305C1 BODY LOCK 1661263C1 - 2 REQD <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>H5T(+)</td><td>18</td><td>YL</td><td>1661261C1</td></tr> <tr><td>B</td><td>H5T(-)</td><td>18</td><td>GN</td><td>1661261C1</td></tr> <tr><td>C</td><td>H77A</td><td>20</td><td>RD</td><td>3544254C1</td></tr> <tr><td>D</td><td>H11-G</td><td>20</td><td>WH</td><td>3544254C1</td></tr> </tbody> </table> CONNECTOR 1667529C1 BODY LOCK 1667530C1 <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>H5U+</td><td>22</td><td>WH</td><td>3534481C1</td></tr> <tr><td>B</td><td>H5U-</td><td>22</td><td>BL</td><td>3534481C1</td></tr> <tr><td>C</td><td>H77C</td><td>22</td><td>RD</td><td>3534481C1</td></tr> <tr><td>D</td><td>H12-G</td><td>22</td><td>BK</td><td>3534481C1</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	H5T(+)	18	YL	1661261C1	B	H5T(-)	18	GN	1661261C1	C	H77A	20	RD	3544254C1	D	H11-G	20	WH	3544254C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	H5U+	22	WH	3534481C1	B	H5U-	22	BL	3534481C1	C	H77C	22	RD	3534481C1	D	H12-G	22	BK	3534481C1
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LEFT WORK LIGHT (5100) (LOCATED ON SLEEPER BACK PANEL) <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td rowspan="2">A%</td> <td>V65</td> <td>16</td> <td>OR</td> <td rowspan="2">0333736C1</td> </tr> <tr> <td>V65A</td> <td>18</td> <td>OR</td> </tr> <tr> <td rowspan="2">B%</td> <td>V65-GA</td> <td>18</td> <td>WH</td> <td rowspan="2">0333736C1</td> </tr> <tr> <td>V65-G</td> <td>16</td> <td>WH</td> </tr> </tbody> </table> CONNECTOR 0969541R1 % CRIMPED TOGETHER								CAV	CIR	GAUGE	COLOR	TERMINAL	A%	V65	16	OR	0333736C1	V65A	18	OR	B%	V65-GA	18	WH	0333736C1	V65-G	16	WH																													
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Figure 317 Connector Composites (5033), (5034), (5035/5035A), (5100), (5101)

14.89. CONNECTOR COMPOSITES (5102), (5103), (5104), (5105), P. 71

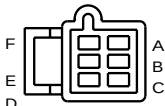
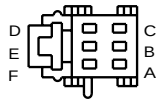
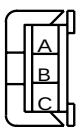
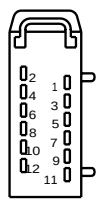
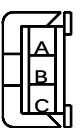
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ROOF / SLEEPER CONNECTOR (5102) (LOCATED IN SLEEPER BACK PANEL - UPPER LEFT)																																																																																								
																																																																																								
CONNECTOR 2031872C1 BODY LOCK 2031874C1		CONNECTOR 2031871C1 BODY LOCK 2031873C1																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr><td>A</td><td>V63HB</td><td>18</td><td>DKBL</td><td>1661262C1</td></tr> <tr><td>B</td><td>V63-GB</td><td>18</td><td>WH</td><td>1661262C1</td></tr> <tr><td>C</td><td>V63D</td><td>18</td><td>DKBL</td><td>1661262C1</td></tr> <tr><td>D</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>V9NCB</td><td>18</td><td>GY</td><td>1661262C1</td></tr> <tr><td>F</td><td>V63EB</td><td>18</td><td>DKBL</td><td>1661262C1</td></tr> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	A	V63HB	18	DKBL	1661262C1	B	V63-GB	18	WH	1661262C1	C	V63D	18	DKBL	1661262C1	D	-	-	-	-	E	V9NCB	18	GY	1661262C1	F	V63EB	18	DKBL	1661262C1	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr><td>A</td><td>H63HB</td><td>16</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>B</td><td>H63-GB</td><td>16</td><td>WH</td><td>1661261C1</td></tr> <tr><td>C</td><td>H63D</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>D</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>H109SB</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>F</td><td>H63EB</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63HB	16	DKBL	1661261C1	B	H63-GB	16	WH	1661261C1	C	H63D	18	DKBL	1661261C1	D	-	-	-	-	E	H109SB	18	GY	1661261C1	F	H63EB	18	DKBL	1661261C1																	
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F	H63EB	18	DKBL	1661261C1																																																																																				
LEFT SLEEPER AUX ACCENT LIGHT (5103) (LOCATED IN SLEEPER ROOF)		ROOF HARNESS (5103) (LOCATED IN SLEEPER ROOF) (W/ LONESTAR)																																																																																						
																																																																																								
CONNECTOR 1661198C1		CONNECTOR 3825185C1																																																																																						
RIGHT SLEEPER AUX ACCENT LIGHT (5104) (LOCATED IN SLEEPER ROOF)		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr><td>1*</td><td>H86BB</td><td>18</td><td>LTGN</td><td>3571717C1</td></tr> <tr><td>1#</td><td>H86BBP</td><td>18</td><td>LTGN</td><td>3571717C1</td></tr> <tr><td>2*</td><td>H86CB</td><td>18</td><td>LTGN</td><td>3571717C1</td></tr> <tr><td>2#</td><td>H86CBP</td><td>18</td><td>LTGN</td><td>3571717C1</td></tr> <tr><td>3*</td><td>H86DB</td><td>18</td><td>LTGN</td><td>3571717C1</td></tr> <tr><td>3#</td><td>H86DBP</td><td>18</td><td>LTGN</td><td>3571717C1</td></tr> <tr><td>4*</td><td>H63EB</td><td>18</td><td>DKBL</td><td>3571717C1</td></tr> <tr><td>4#</td><td>H86EBP</td><td>18</td><td>LTGN</td><td>3571717C1</td></tr> <tr><td>5</td><td>H63D</td><td>18</td><td>DKBL</td><td>3571717C1</td></tr> <tr><td>6</td><td>H63L</td><td>16</td><td>DKBL</td><td>3571717C1</td></tr> <tr><td>7</td><td>H63-GB</td><td>16</td><td>WH</td><td>3571717C1</td></tr> <tr><td>8</td><td>H50A</td><td>16</td><td>YL</td><td>3571717C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>11</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>12</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	1*	H86BB	18	LTGN	3571717C1	1#	H86BBP	18	LTGN	3571717C1	2*	H86CB	18	LTGN	3571717C1	2#	H86CBP	18	LTGN	3571717C1	3*	H86DB	18	LTGN	3571717C1	3#	H86DBP	18	LTGN	3571717C1	4*	H63EB	18	DKBL	3571717C1	4#	H86EBP	18	LTGN	3571717C1	5	H63D	18	DKBL	3571717C1	6	H63L	16	DKBL	3571717C1	7	H63-GB	16	WH	3571717C1	8	H50A	16	YL	3571717C1	9	-	-	-	-	10	-	-	-	-	11	-	-	-	-	12	-	-	-	-
CAV	CIR			GAUGE	COLOR	TERMINAL																																																																																		
1*	H86BB			18	LTGN	3571717C1																																																																																		
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11	-	-	-	-																																																																																				
12	-	-	-	-																																																																																				
																																																																																								
CONNECTOR 1661198C1																																																																																								
LEFT SLEEPER ACCENT LIGHT (5105) (LOCATED IN SLEEPER ROOF)		* RADIO SPEAKER-W/ 72" CAB # RADIO SPEAKER-W/ SUB WOOFER W/ 72" CAB																																																																																						
																																																																																								
CONNECTOR 1661198C1																																																																																								
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CNA1	14JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																																																		
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Figure 318 Connector Composites (5102), (5103), (5104), (5105)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.90. CONNECTOR COMPOSITES (5106), (5107), (5109), (5110), (5111), P. 72

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																											
RIGHT SLEEPER ACCENT LIGHT (5106) (LOCATED IN SLEEPER ROOF) (W/ PROSTAR)  CONNECTOR 1661198C1 <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>V63-GBC</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>V63HBC</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	V63-GBC	18	WH	1661208C1	B	-	-	-	-	C	V63HBC	18	DKBL	1661208C1					
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B	-	-	-	-																											
C	V63HBC	18	DKBL	1661208C1																											
SLEEPER DOME LIGHT (5107) (LOCATED IN SLEEPER ROOF) (W/ PROSTAR)  CONNECTOR 1667305C1 BODY LOCK 1661263C1 <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>V63D</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>V63-GA</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>V63EB</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>D</td> <td>V9NCB</td> <td>18</td> <td>GY</td> <td>1661261C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	V63D	18	DKBL	1661261C1	B	V63-GA	18	WH	1661261C1	C	V63EB	18	DKBL	1661261C1	D	V9NCB	18	GY	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																											
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D	V9NCB	18	GY	1661261C1																											
WARDROBE CABINATE (5109) (LOCATED ON LEFT SIDE BY WARDROBE CABINET)  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H63K</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>H63-GK</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63K	18	DKBL	1661261C1	B	H63-GK	18	WH	1661261C1										
CAV	CIR	GAUGE	COLOR	TERMINAL																											
A	H63K	18	DKBL	1661261C1																											
B	H63-GK	18	WH	1661261C1																											
LEFT LUGGAGE LIGHT (5110) (LOCATED UNDER BUNK - LEFT SIDE)  CONNECTOR 1669973C1 <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H63SJA</td> <td>18</td> <td>DKBL</td> <td>1661212C1</td> </tr> <tr> <td>B</td> <td>H63-GSB</td> <td>18</td> <td>WH</td> <td>1661212C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63SJA	18	DKBL	1661212C1	B	H63-GSB	18	WH	1661212C1										
CAV	CIR	GAUGE	COLOR	TERMINAL																											
A	H63SJA	18	DKBL	1661212C1																											
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RIGHT LUGGAGE LIGHT (5111) (LOCATED UNDER BUNK - RIGHT SIDE)  CONNECTOR 1669973C1 <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H63SJB</td> <td>18</td> <td>DKBL</td> <td>1661212C1</td> </tr> <tr> <td>B</td> <td>H63-GSC</td> <td>18</td> <td>WH</td> <td>1661212C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63SJB	18	DKBL	1661212C1	B	H63-GSC	18	WH	1661212C1										
CAV	CIR	GAUGE	COLOR	TERMINAL																											
A	H63SJB	18	DKBL	1661212C1																											
B	H63-GSC	18	WH	1661212C1																											
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																									
CNA1	14JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																									
					59637L	DATE: 07SEP06 PART NO: AE08055906 SHEET: 072																									

Figure 319 Connector Composites (5106), (5107), (5109), (5110), (5111)

14.91. CONNECTOR COMPOSITES (5117), (5118), (5119), P. 73

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																											
AIR SHIELD LIGHT (5117) (LOCATED IN UPPER LEFT SIDE OF SLEEPER)  CONNECTOR 1661891C1 BODY LOCK 1661892C1 <table border="1" style="margin: auto; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>H58C</td><td>16</td><td>BK</td><td>1661262C1</td></tr> <tr><td>B</td><td>H58-G</td><td>16</td><td>WH</td><td>1661262C1</td></tr> <tr><td>C</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>  CONNECTOR 1661889C1 BODY LOCK 1661890C1 <table border="1" style="margin: auto; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>BLACK</td><td>16</td><td>BK</td><td>1661261C1</td></tr> <tr><td>B</td><td>WHITE</td><td>16</td><td>WH</td><td>1661261C1</td></tr> <tr><td>C</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	H58C	16	BK	1661262C1	B	H58-G	16	WH	1661262C1	C	-	-	-	-	CAV	CIR	GAUGE	COLOR	TERMINAL	A	BLACK	16	BK	1661261C1	B	WHITE	16	WH	1661261C1	C	-	-	-	-
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A	H58C	16	BK	1661262C1																																											
B	H58-G	16	WH	1661262C1																																											
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A	BLACK	16	BK	1661261C1																																											
B	WHITE	16	WH	1661261C1																																											
C	-	-	-	-																																											
OPTIONAL WORK LIGHT CONNECTOR (5118) (LOCATED ON LEFT SIDE WALL OF SLEEPER)  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1" style="margin: auto; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>BLACK</td><td>16</td><td>BK</td><td>1661262C1</td></tr> <tr><td>B</td><td>WHITE</td><td>16</td><td>WH</td><td>1661262C1</td></tr> </tbody> </table>  CONNECTOR 1661260C1 BODY LOCK 1661264C1 <table border="1" style="margin: auto; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>H65BB</td><td>16</td><td>OR</td><td>1661261C1</td></tr> <tr><td>B</td><td>H65-GD</td><td>16</td><td>WH</td><td>1661261C1</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	BLACK	16	BK	1661262C1	B	WHITE	16	WH	1661262C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	H65BB	16	OR	1661261C1	B	H65-GD	16	WH	1661261C1										
CAV	CIR	GAUGE	COLOR	TERMINAL																																											
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A	H65BB	16	OR	1661261C1																																											
B	H65-GD	16	WH	1661261C1																																											
RIGHT OPTIONAL WORK LIGHT (5119) (LOCATED ON RIGHT SIDE WALL OF SLEEPER)  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1" style="font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>H65BA</td><td>16</td><td>OR</td><td>1661261C1</td></tr> <tr><td>B</td><td>H65-GC</td><td>16</td><td>WH</td><td>1661261C1</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	H65BA	16	OR	1661261C1	B	H65-GC	16	WH	1661261C1																									
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CNA1	14JAN09	TITLE WAS CIRCUIT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																									
RELEASE NO.					DATE	PART NO.	SHEET																																								
DIAGRAM, PROSTAR					59637L	07SEP06	AE08055906 073																																								

Figure 320 Connector Composites (5117), (5118), (5119)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.92. CONNECTOR COMPOSITES (5123), (5124), (5125), P. 74

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 14	
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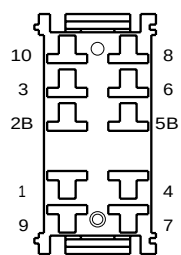
**RIGHT CRESENT SPEAKER
(5123)**
(LOCATED IN SLEEPER CONTROL PANEL)
(W/ LONESTAR)



CONNECTOR 3535769C1
BODY LOCK 3535770C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	H86AT	18	LTGN	1661261C1
B	H86AU	18	LTGN	1661261C1

**DOME / FLOOR LIGHT
(5124)**
(LOCATED IN SLEEPER CONTROL PANEL)

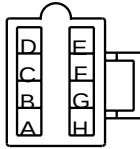


CONNECTOR 3520850C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	H63C	18	DKBL	1661224C1
2B	H63ZVR	18	GY	1661224C1
3	H63D	18	DKBL	1661224C1
4	-	-	-	-
5B	-	-	-	-
6	-	-	-	-
7%	H62	18	DKBL	3541250C1
	H62A	18	DKBL	
7*	H62C	18	DKBL	1661224C1
8	H62D	18	DKBL	1661224C1
8#	H62AJ	18	DKBL	3541250C1
9%	H11-GA	18	WH	3541250C1
	H62-GA	18	DKBL	
10	-	-	-	-

% CRIMPED TOGETHER
PANEL LIGHTS W/ NO IDLE
* W/ LONESTAR

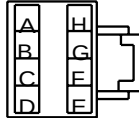
**SLEEPER CONTROL PANEL
SWITCH CONNECTOR
(5125)**
(LOCATED IN SLEEPER CONTROL PANEL)



CONNECTOR 2005836C1
BODY LOCK 2006504C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	H63SA	16	DKBL	1661209C1
B	H63EA	18	DKBL	1661208C1
C	H62-GSD	18	WH	1661208C1
D	H62AS	18	DKBL	1661208C1
E	H109SA	18	GY	1661208C1
F	H63F	18	DKBL	1661208C1
G	H63HB	16	DKBL	1661209C1
H	H63-GSF	18	WH	1661208C1

**SLEEPER CONTROL PANEL
SWITCH CONNECTOR
(5125)**
(LOCATED IN SLEEPER CONTROL PANEL)



CONNECTOR 2005835C1
BODY LOCK 2006503C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	H63	18	DKBL	1661212C1
B	H63D	18	DKBL	1661212C1
C	H11-GA	18	WH	1661212C1
D	H62AS	18	DKBL	1661212C1
E	H63ZVR	18	GY	1661212C1
F	H63C	18	DKBL	1661212C1
G	H63B	18	DKBL	1661212C1
H	H63-GA	18	DKBL	1661212C1

**SLEEPER CONTROL PANEL
SWITCH CONNECTOR
(5125)**
(LOCATED IN SLEEPER CONTROL PANEL)
(W/ LONESTAR)



CONNECTOR 0872291R1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	H86-GSC	16	WH	0188396R1
B	H86SA	16	LTGN	0188396R1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	ADDED LONESTAR EFFECT	C	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					59637L	

DATE	PART NO.	SHEET
07SEP06	AE08055906	074

Figure 321 Connector Composites (5123), (5124), (5125)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.93. CONNECTOR COMPOSITES (5126), (5127), (5128), (5129), (5130), P. 75

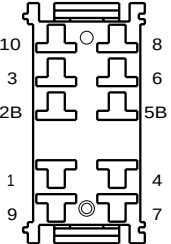
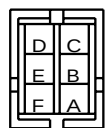
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																	
ACCENT LIGHT ON / OFF (5126) (LOCATED IN SLEEPER CONTROL PANEL)  CONNECTOR 3520850C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2B</td><td>H63</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>3%</td><td>H62C</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr> <tr><td>4</td><td>H63A</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr> <tr><td>5B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>H62C</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>8%</td><td>H62A</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr> <tr><td>9%</td><td>H62B</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr> <tr><td>10</td><td>H62-GA</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr> <tr><td></td><td>H62-GB</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr> <tr><td></td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> % CRIMPED TOGETHER			CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2B	H63	18	DKBL	1661224C1	3%	H62C	18	DKBL	3541250C1	4	H63A	18	DKBL	3541250C1	5B	-	-	-	-	6	-	-	-	-	7	H62C	18	DKBL	1661224C1	8%	H62A	18	DKBL	3541250C1	9%	H62B	18	DKBL	3541250C1	10	H62-GA	18	DKBL	3541250C1		H62-GB	18	DKBL	3541250C1		-	-	-	-	RIGHT CRESENT LIGHT (5126) (LOCATED IN SLEEPER CONTROL PANEL) (W/ LONESTAR)  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>H63SJC</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>B</td><td>H63-GSD</td><td>18</td><td>WH</td><td>1661261C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63SJC	18	DKBL	1661261C1	B	H63-GSD	18	WH	1661261C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																																	
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2B	H63	18	DKBL	1661224C1																																																																																	
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4	H63A	18	DKBL	3541250C1																																																																																	
5B	-	-	-	-																																																																																	
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10	H62-GA	18	DKBL	3541250C1																																																																																	
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B	H63-GSD	18	WH	1661261C1																																																																																	
ACCENT LIGHT DIMMER (5127) (LOCATED IN SLEEPER CONTROL PANEL) (W/ LONESTAR)  CONNECTOR 3520850C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>H63A</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>B</td><td>H63-GA</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>C</td><td>H63B</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>D</td><td>H62B</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>H63-GB</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63A	18	DKBL	1661208C1	B	H63-GA	18	DKBL	1661208C1	C	H63B	18	DKBL	1661208C1	D	H62B	18	DKBL	1661208C1	E	-	-	-	-	F	H63-GB	18	DKBL	1661208C1	LEFT CRESENT SPEAKER (5127) (LOCATED ON BULK HEAD CENTER, LEFT SIDE (W/ LONESTAR)  CONNECTOR 3535769C1 BODY LOCK 3535770C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>H86AR</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>H86AS</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86AR	18	LTGN	1661261C1	B	H86AS	18	LTGN	1661261C1																														
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D	H62B	18	DKBL	1661208C1																																																																																	
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LEFT FLOOR LIGHT (5128) (LOCATED ON BULKHEAD CENTER SECTION, LEFT SIDE)  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>H63JBA</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>B</td><td>H63-GJA</td><td>18</td><td>WH</td><td>1661261C1</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63JBA	18	DKBL	1661261C1	B	H63-GJA	18	WH	1661261C1																																																																	
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RIGHT FLOOR LIGHT (5129) (LOCATED ON BULKHEAD - CENTER SECTION, RIGHT SIDE)  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>H63JBB</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> <tr><td>B</td><td>H63-GJB</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63JBB	18	DKBL	1661261C1	B	H63-GJB	18	DKBL	1661261C1	LOWER BUNK READING LIGHT (5130) (LOCATED ON LEFT SIDE, WALL OF SLEEPER)  CONNECTOR 1669972C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>H63SB</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>B</td><td>H63-GSD</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H63SB	18	DKBL	1661208C1	B	H63-GSD	18	WH	1661208C1																																																		
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																															
CNA1	14JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																																															
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Figure 322 Connector Composites (5126), (5127), (5128), (5129), (5130)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.94. CONNECTOR COMPOSITES (5130), (5134), P. 75A

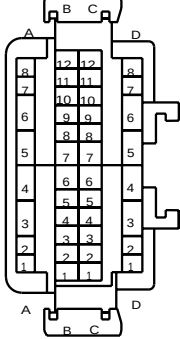
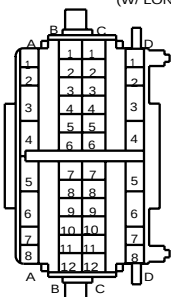
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SLEEPER CONTROL PANEL (5130) (W/ LONESTAR)  CONNECTOR 3612512C1 BODY LOCK 3553652C1 3553654C1			SCP INTERCONNECT (5134) (LOCATED IN SLEEPER CONTROL PANEL) (W/ LONESTAR)  CONNECTOR 3553649C1 BODY LOCK 3553650C1																																																																																																																																																																																																																																																																																																																																																																																																																												
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Figure 323 Connector Composites (5130), (5134)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.95. CONNECTOR COMPOSITES (5131), (5134), (5135), (5135M), (5136), (5200), (5201), P. 76

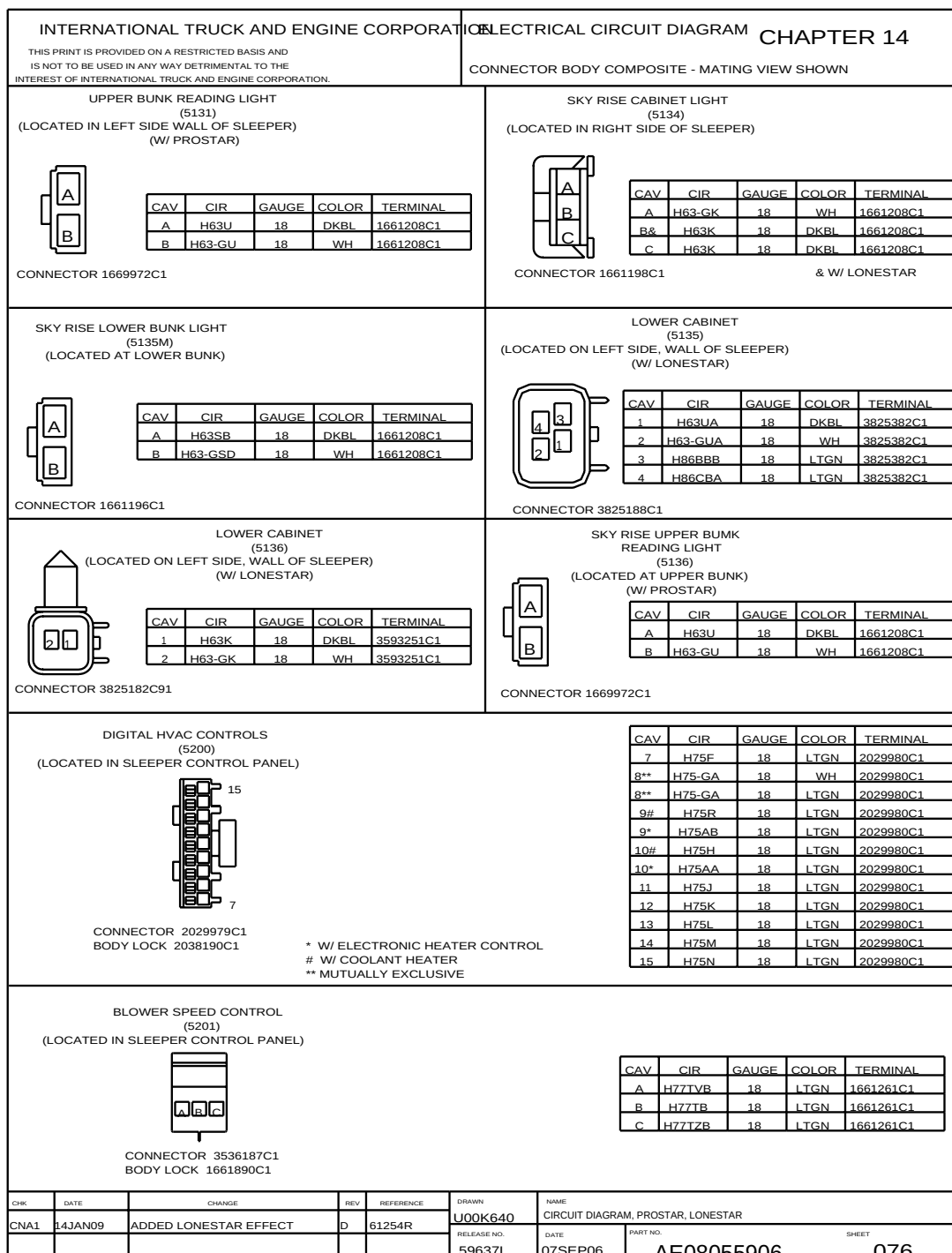


Figure 324 Connector Composites (5131), (5134), (5135), (5135M), (5136), (5200), (5201)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

325

14.96. CONNECTOR COMPOSITES (5202), (5210), (5212), (5213), P. 77

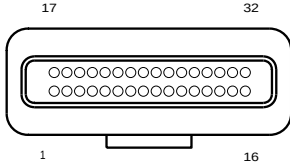
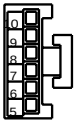
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																																																																																																																												
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																																																																																																												
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Figure 325 Connector Composites (5202), (5210), (5212), (5213)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.97. CONNECTOR COMPOSITES (5214), (5215), (5216), (5217), (5218), (5219), P. 78

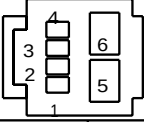
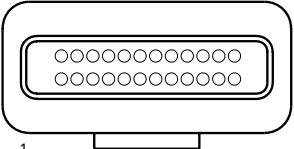
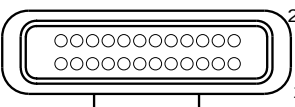
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																																																																																																						
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19	H77TSD	20	LTGN	3533507C1																																																																																																																																																																						
20	H75AD	20	LTGN	3533507C1																																																																																																																																																																						
21	H75-GA	18	LTGN	3517243C1																																																																																																																																																																						
22	H75N	18	LTGN	3517243C1																																																																																																																																																																						
23	H75F	18	LTGN	3517243C1																																																																																																																																																																						
24	H75AF	18	LTGN	3517243C1																																																																																																																																																																						
AUX HEATER IN TAKE SENSOR (5218) (LOCATED UNDER BUNK - RIGHT SIDE)  CONNECTOR 3602659C1 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>H75AD</td><td>20</td><td>LTGN</td><td>3602660C1</td></tr> <tr><td>2</td><td>H75AC</td><td>20</td><td>LTGN</td><td>3602660C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	H75AD	20	LTGN	3602660C1	2	H75AC	20	LTGN	3602660C1	CHS MODULE (5219) (LOCATED UNDER BUNK - RIGHT SIDE)  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>H75-GAK</td><td>16</td><td>LTGN</td><td>1661209C1</td></tr> <tr><td>B</td><td>H75AL</td><td>16</td><td>LTGN</td><td>1661209C1</td></tr> <tr><td>C</td><td>H75AJ</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> </tbody> </table> CONNECTOR 1661198C1			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H75-GAK	16	LTGN	1661209C1	B	H75AL	16	LTGN	1661209C1	C	H75AJ	18	LTGN	1661208C1																																																																																																																																		
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Figure 326 Connector Composites (5214), (5215), (5216), (5217), (5218), (5219)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.98. CONNECTOR COMPOSITES (5220), (5222), (5230), P. 78A

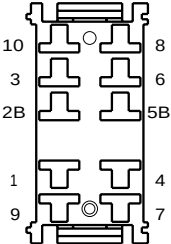
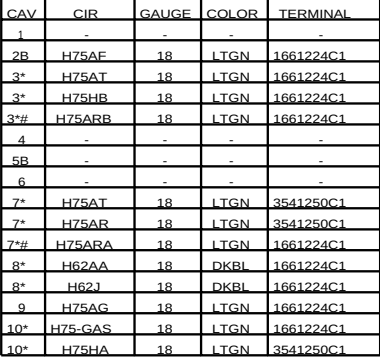
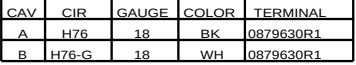
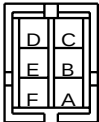
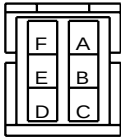
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN		
NO IDLE ENGINE HEAT (5220) (LOCATED IN SLEEPER CONTROL PANEL)						
						
CONNECTOR 1667529C1 BODY LOCK 1667530C1			CONNECTOR 1667305C1 BODY LOCK 1661263C1			
CAV	CIR	GAUGE	COLOR	TERMINAL		
A	H75AG	18	LTGN	1661262C1		
B	H75AF	18	LTGN	1661262C1		
C	H75AR	18	LTGN	1661262C1		
D	H75-GAS	18	LTGN	1661262C1		
NO IDLE ENGINE HEAT (5222) (LOCATED IN SLEEPER CONTROL PANEL)						
						
CONNECTOR 3520850C1			* MUTUALLY EXCLUSIVE # W/ LONESTAR			
SKY RISE BUNK FAN (5222) (W/ PROSTAR)						
						
CONNECTOR 0969541R1			CONNECTOR 0879630R1			
NO IDLE CONTROLS (5230) (LOCATED IN SLEEPER CONTROL PANEL)						
						
CONNECTOR 1661200C1			CONNECTOR 1661201C1			
CAV	CIR	GAUGE	COLOR	TERMINAL		
A	H77NE	18	LTGN	1661208C1		
B	H77NE	18	LTGN	1661208C1		
C	H77NH	18	LTGN	1661208C1		
D	-	-	-	-		
E	H77NA	18	LTGN	1661208C1		
F	H77NC	18	LTGN	1661208C1		
CAV	CIR	GAUGE	COLOR	TERMINAL		
A	H77NE	18	LTGN	16611212C1		
B	H77NE	18	LTGN	16611212C1		
C	H77NH	18	LTGN	16611212C1		
D	-	-	-	-		
E	H77NA	18	LTGN	16611212C1		
F	H77NC	18	LTGN	16611212C1		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	TITLE WAS CIRCUIT	B	61254R	380061	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
		DIAGRAM, PROSTAR			61296K	16APR08
					AE08055906	78A

Figure 327 Connector Composites (5220), (5222), (5230)

14.99. CONNECTOR COMPOSITES (5232), (5233), (5234), P. 79

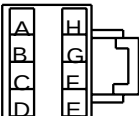
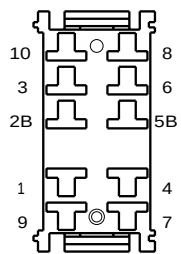
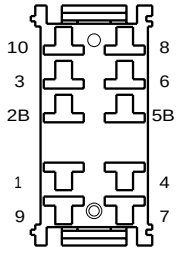
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM																																																																							
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				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																							
NO IDLE EXTERNAL MODULE (5232) (LOCATED UNDER BUNK-RIGHT SIDE)  CONNECTOR 2005835C1 BODY LOCK 2006503C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>H77NP</td><td>16</td><td>LTGN</td><td>1661209C1</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>H77NR</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr><td>D</td><td>H77NS</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr><td>E</td><td>H77NU</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>H</td><td>H77NV</td><td>16</td><td>LTGN</td><td>1661209C1</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	H77NP	16	LTGN	1661209C1	B	-	-	-	-	C	H77NR	18	LTGN	1661208C1	D	H77NS	18	LTGN	1661208C1	E	H77NU	18	LTGN	1661208C1	F	-	-	-	-	G	-	-	-	-	H	H77NV	16	LTGN	1661209C1																									
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G	-	-	-	-																																																																							
H	H77NV	16	LTGN	1661209C1																																																																							
NO IDLE COOL (5233) (LOCATED IN SLEEPER CONTROL PANEL)  CONNECTOR 3520850C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2B</td><td>H77NE</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7%</td><td>H75AT</td><td>18</td><td>LTGN</td><td>3541250C1</td></tr> <tr><td></td><td>H75HB</td><td>18</td><td>LTGN</td><td></td></tr> <tr><td>8%</td><td>H62AA</td><td>18</td><td>DKBL</td><td>3541250C1</td></tr> <tr><td></td><td>H62AB</td><td>18</td><td>DKBL</td><td></td></tr> <tr><td>9</td><td>H77NF</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr><td>10%</td><td>H75HA</td><td>18</td><td>LTGN</td><td>3541250C1</td></tr> <tr><td></td><td>H75HC</td><td>18</td><td>LTGN</td><td></td></tr> </tbody> </table> % CRIMPED TOGETHER						CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2B	H77NE	18	LTGN	1661224C1	3	-	-	-	-	4	-	-	-	-	5B	-	-	-	-	6	-	-	-	-	7%	H75AT	18	LTGN	3541250C1		H75HB	18	LTGN		8%	H62AA	18	DKBL	3541250C1		H62AB	18	DKBL		9	H77NF	18	LTGN	1661224C1	10%	H75HA	18	LTGN	3541250C1		H75HC	18	LTGN	
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																							
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NO IDLE APU (5234) (W/ PROSTAR)  CONNECTOR 3520850C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>H77NH</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr><td>2B</td><td>H77NA</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>H77NC</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr><td>8</td><td>H62AB</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>H75HC</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	H77NH	18	LTGN	1661224C1	2B	H77NA	18	LTGN	1661224C1	3	-	-	-	-	4	-	-	-	-	5B	-	-	-	-	6	-	-	-	-	7	H77NC	18	LTGN	1661224C1	8	H62AB	18	DKBL	1661224C1	9	-	-	-	-	10	H75HC	18	LTGN	1661224C1															
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					DATE	SHEET																																																																					

Figure 328 Connector Composites (5232), (5233), (5234)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.100. CONNECTOR COMPOSITES (5300), (5301), (5302), (5303), P. 79A

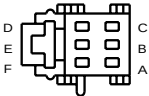
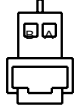
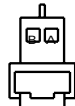
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BACK PANEL (5300) (LOCATED ON LEFT REAR CORNER OF SLEEPER)  CONNECTOR 2031871C1 BODY LOCK 2031873C1 <table border="1" style="margin: auto; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>V86BB</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>B</td><td>V86CB</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>C</td><td>V86DB</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>D</td><td>V86EB</td><td>18</td><td>LTGN</td><td>1661262C1</td></tr> <tr><td>E</td><td>V65</td><td>16</td><td>OR</td><td>1661262C1</td></tr> <tr><td>F</td><td>V65-G</td><td>16</td><td>WH</td><td>1661262C1</td></tr> </tbody> </table>  CONNECTOR 2031872C1 BODY LOCK 2031874C1 <table border="1" style="margin: auto; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A*</td><td>H86BBP</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>A</td><td>H86BB</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B*</td><td>H86CBP</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>H86CB</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>C*</td><td>H86DBP</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>C</td><td>H86DB</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D*</td><td>H86EBP</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D</td><td>H86EB</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>E</td><td>H65</td><td>16</td><td>OR</td><td>1661261C1</td></tr> <tr><td>F</td><td>H65-G</td><td>16</td><td>WH</td><td>1661261C1</td></tr> </tbody> </table> * RADIO SPEAKER W/ WOOFER						CAV	CIR	GAUGE	COLOR	TERMINAL	A	V86BB	18	LTGN	1661262C1	B	V86CB	18	LTGN	1661262C1	C	V86DB	18	LTGN	1661262C1	D	V86EB	18	LTGN	1661262C1	E	V65	16	OR	1661262C1	F	V65-G	16	WH	1661262C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A*	H86BBP	18	LTGN	1661261C1	A	H86BB	18	LTGN	1661261C1	B*	H86CBP	18	LTGN	1661261C1	B	H86CB	18	LTGN	1661261C1	C*	H86DBP	18	LTGN	1661261C1	C	H86DB	18	LTGN	1661261C1	D*	H86EBP	18	LTGN	1661261C1	D	H86EB	18	LTGN	1661261C1	E	H65	16	OR	1661261C1	F	H65-G	16	WH	1661261C1
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SLEEPER LEFT SPEAKER (5301) (LOCATED IN SLEEPER BACK PANEL (LEFT SIDE)) (W/ PROSTAR)  CONNECTOR 3535769C1 BODY LOCK 3535770C1 <table border="1" style="margin: auto; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>H86BB</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>H86CB</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86BB	18	LTGN	1661261C1	B	H86CB	18	LTGN	1661261C1	SLEEPER RIGHT SPEAKER (5302) (LOCATED IN SLEEPER BACK PANEL (RIGHT SIDE)) (W/ PROSTAR)  CONNECTOR 3535769C1 BODY LOCK 3535770C1 <table border="1" style="margin: auto; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>H86DB</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>H86EB</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86DB	18	LTGN	1661261C1	B	H86EB	18	LTGN	1661261C1																																																												
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REMOTE RADIO (5303) (LOCATED IN SLEEPER CONTROL PANEL)  CONNECTOR 3815785C1 BODY LOCK 3815993C1 <table border="1" style="margin: auto; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>H86F</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>2</td><td>H86R</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>3</td><td>H86-GHW</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>4</td><td>H86(+)</td><td>18</td><td>YL</td><td>1661261C1</td></tr> <tr><td>5</td><td>H86(-)</td><td>18</td><td>GN</td><td>1661261C1</td></tr> <tr><td>6</td><td>H86AE</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	H86F	18	LTGN	1661261C1	2	H86R	18	LTGN	1661261C1	3	H86-GHW	18	LTGN	1661261C1	4	H86(+)	18	YL	1661261C1	5	H86(-)	18	GN	1661261C1	6	H86AE	18	LTGN	1661261C1																																																							
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Figure 329 Connector Composites (5300), (5301), (5302), (5303)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.101. CONNECTOR COMPOSITES (5312), (5313), (5314), (5500), (5502), (5600), P. 80

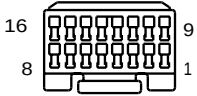
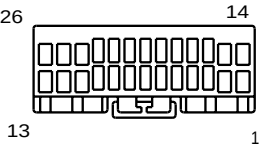
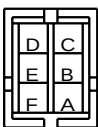
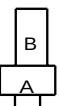
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SUBWOOFER CONN (5314) (LOCATED UNDER BUNK LEFT SIDE)  <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>H86DBA</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr><td>A*</td><td>H86DBB</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr><td>B</td><td>H86BBA</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr><td>B*</td><td>H86DBC</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr><td>C</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>H86CBA</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr><td>E*</td><td>H86EBC</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr><td>F</td><td>H86EBA</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> <tr><td>F*</td><td>H86EBB</td><td>18</td><td>LTGN</td><td>1661208C1</td></tr> </tbody> </table> CONNECTOR 1661200C1 (* W/ LONESTAR)			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	H86DBA	18	LTGN	1661208C1	A*	H86DBB	18	LTGN	1661208C1	B	H86BBA	18	LTGN	1661208C1	B*	H86DBC	18	LTGN	1661208C1	C	-	-	-	-	D	-	-	-	-	E	H86CBA	18	LTGN	1661208C1	E*	H86EBC	18	LTGN	1661208C1	F	H86EBA	18	LTGN	1661208C1	F*	H86EBB	18	LTGN	1661208C1	REFRIGERATOR (5502) (LOCATED ON RIGHT SIDE, BACK OF PASSENGER SEAT) (W/ LONESTAR)  <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>H86-GK</td><td>18</td><td>WH</td><td>0879630R1</td></tr> <tr><td>B</td><td>H86AG</td><td>18</td><td>LTGN</td><td>0879630R1</td></tr> </tbody> </table> CONNECTOR 0872291R1			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86-GK	18	WH	0879630R1	B	H86AG	18	LTGN	0879630R1																																																																																																																																																						
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Figure 330 Connector Composites (5312), (5313), (5314), (5500), (5502), (5600)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

331

14.102. CONNECTOR COMPOSITES (5601M), (5602F), (5602M), (5603M), (5700), P. 80A

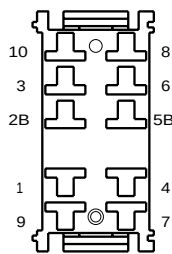
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																		
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																		
TV / DVD AUDIO (5601M) (LOCATED IN RIGHT SIDE OF SLEEPER) (W/ LONESTAR)  CONNECTOR 1661889C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H86RSIG</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>H86-GSG</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>H86LSIG</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86RSIG	18	LTGN	1661261C1	B	H86-GSG	18	LTGN	1661261C1	C	H86LSIG	18	LTGN	1661261C1	TV / DVD AUDIO (5602F) (LOCATED IN RIGHT SIDE OF SLEEPER) (W/ LONESTAR)  CONNECTOR 1661891C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H86RSIG</td> <td>18</td> <td>LTGN</td> <td>1661262C1</td> </tr> <tr> <td>B</td> <td>H86-GSG</td> <td>18</td> <td>LTGN</td> <td>1661262C1</td> </tr> <tr> <td>C</td> <td>H86LSIG</td> <td>18</td> <td>LTGN</td> <td>1661262C1</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86RSIG	18	LTGN	1661262C1	B	H86-GSG	18	LTGN	1661262C1	C	H86LSIG	18	LTGN	1661262C1																									
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TV / DVD AUDIO (5602M) (LOCATED IN RIGHT BACK PANEL(DAYCAB))) (W/ LONESTAR)  CONNECTOR 1661889C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H86RSIG</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>H86-GSG</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>H86LSIG</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86RSIG	18	LTGN	1661261C1	B	H86-GSG	18	LTGN	1661261C1	C	H86LSIG	18	LTGN	1661261C1	TV / DVD AUDIO (5603M) (LOCATED IN RIGHT SIDE OF SLEEPER) (W/ LONESTAR)  CONNECTOR 1661889C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>H86RSIG</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>H86-GSG</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>H86LSIG</td> <td>18</td> <td>LTGN</td> <td>1661261C1</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	A	H86RSIG	18	LTGN	1661261C1	B	H86-GSG	18	LTGN	1661261C1	C	H86LSIG	18	LTGN	1661261C1																									
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REMOTE START / STOP SWITCH (5700) (LOCATED IN SLEEPER CONTROL PANEL)  CONNECTOR 3520850C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1*</td><td>H77NH</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr><td>2B</td><td>H104ABB</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>2B*</td><td>H77NA</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr><td>3</td><td>H104-GB</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</td><td>H104AC</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>6</td><td>H9RC</td><td>18</td><td>GY</td><td>1661224C1</td></tr> <tr><td>7</td><td>H104ADA</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>7*</td><td>H77NC</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> <tr><td>8*</td><td>G2-AB</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10*</td><td>H77-GDS</td><td>18</td><td>LTGN</td><td>1661224C1</td></tr> </tbody> </table> (* W/ LONESTAR)						CAV	CIR	GAUGE	COLOR	TERMINAL	1*	H77NH	18	LTGN	1661224C1	2B	H104ABB	18	DKBL	1661224C1	2B*	H77NA	18	LTGN	1661224C1	3	H104-GB	18	DKBL	1661224C1	4	-	-	-	-	5B	H104AC	18	DKBL	1661224C1	6	H9RC	18	GY	1661224C1	7	H104ADA	18	DKBL	1661224C1	7*	H77NC	18	LTGN	1661224C1	8*	G2-AB	18	DKBL	1661224C1	9	-	-	-	-	10*	H77-GDS	18	LTGN	1661224C1
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Figure 331 Connector Composites (5601M), (5602F), (5602M), (5603M), (5700)

14.103. CONNECTOR COMPOSITES (5701), (5702), (5752), (5753), (5754), P. 81

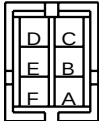
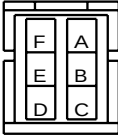
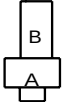
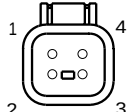
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Figure 332 Connector Composites (5701), (5702), (5752), (5753), (5754)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.104. CONNECTOR COMPOSITES (5757), (5758), (5803), (5900), (5902), (5903), P. 82

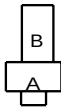
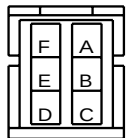
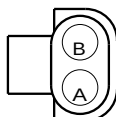
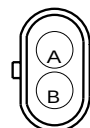
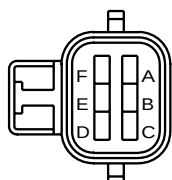
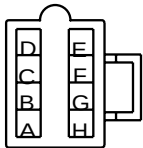
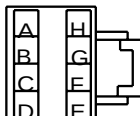
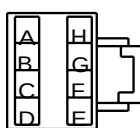
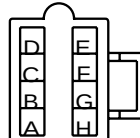
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Figure 333 Connector Composites (5757), (5758), (5803), (5900), (5902), (5903)

14.105. CONNECTOR COMPOSITES (5904/5904M), (5905/5905F), P. 83

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN					
MOTIENT MOBILE MAX POWER (5904 / 5904M) (LOCATED LEFT SIDE, BACK OF DRIVER DOOR)									
									
CONNECTOR 2005836C1				CONNECTOR 2005836C1					
CAV	CIR	GAUGE	COLOR	TERMINAL	CAV	CIR	GAUGE	COLOR	TERMINAL
A	H14EA	18	RD	1661212C1	A	H14EA	18	RD	1661208C1
B	H14EE	18	RD	1661212C1	B	H14EE	18	RD	1661208C1
C	H11-GMC	18	WH	1661212C1	C	H11-GMC	18	WH	1661208C1
D	H11-GMA	18	WH	1661212C1	D	H11-GMA	18	WH	1661208C1
E	H13EE	18	PK	1661212C1	E	H13EE	18	PK	1661208C1
F	H3BD(+)	18	DKBL	1661212C1	F	H3BD(+)	18	DKBL	1661208C1
G	H3BD(-)	18	GY	1661212C1	G	H3BD(-)	18	GY	1661208C1

MOTIENT MOBILE MAX DISCRETE I/O (5905 / 5905F) (LOCATED LEFT SIDE, BACK OF DRIVER DOOR)									
									
CONNECTOR 2005835C1				CONNECTOR 2005836C1					
CAV	CIR	GAUGE	COLOR	TERMINAL	CAV	CIR	GAUGE	COLOR	TERMINAL
A	-	-	-	-	A	-	-	-	-
B	H14EE	18	RD	1661208C1	B	H14EE	18	RD	1661212C1
C	-	-	-	-	B*	H98F	18	LTGN	1661208C1
D	-	-	-	-	C	-	-	-	-
E	-	-	-	-	D	-	-	-	-
F	-	-	-	-	E	-	-	-	-
G	-	-	-	-	F	-	-	-	-
H	-	-	-	-	G	-	-	-	-
					H	-	-	-	-

* W/ LONESTAR

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					RELEASE NO.	DATE
					59637L	08SEP06
						PART NO.
						AE08055906
						SHEET
						083

Figure 334 Connector Composites (5904/5904M), (5905/5905F)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

335

14.106. CONNECTOR COMPOSITES (5906), (5907), P. 83A

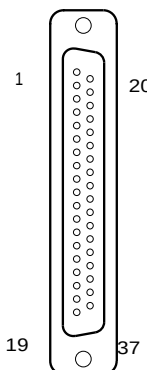
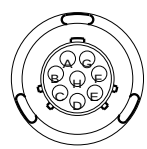
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QUALCOMM MCT (5906) (LOCATED LEFT SIDE, BACK OF DRIVER DOOR) (W/ LONESTAR)  CONNECTOR 2028493C1				<table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>5</td><td>H3BD(-)</td><td>20</td><td>GY</td><td>2028495C1</td></tr><tr><td>6</td><td>H3BD(+)</td><td>20</td><td>DKBL</td><td>2028495C1</td></tr><tr><td>7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>11</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>12</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>13</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>14</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>15</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>16</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>17</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>18</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>19</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>20</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>21</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>22</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>23</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>24</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>25</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>26</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>27</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>28</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>29</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>30</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>31</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>32</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>33</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>34</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>35</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>36</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>37</td><td>H94TT</td><td>20</td><td>GY</td><td>2028495C1</td></tr></tbody></table>		CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	-	-	-	-	4	-	-	-	-	5	H3BD(-)	20	GY	2028495C1	6	H3BD(+)	20	DKBL	2028495C1	7	-	-	-	-	8	-	-	-	-	9	-	-	-	-	10	-	-	-	-	11	-	-	-	-	12	-	-	-	-	13	-	-	-	-	14	-	-	-	-	15	-	-	-	-	16	-	-	-	-	17	-	-	-	-	18	-	-	-	-	19	-	-	-	-	20	-	-	-	-	21	-	-	-	-	22	-	-	-	-	23	-	-	-	-	24	-	-	-	-	25	-	-	-	-	26	-	-	-	-	27	-	-	-	-	28	-	-	-	-	29	-	-	-	-	30	-	-	-	-	31	-	-	-	-	32	-	-	-	-	33	-	-	-	-	34	-	-	-	-	35	-	-	-	-	36	-	-	-	-	37	H94TT	20	GY	2028495C1
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Figure 335 Connector Composites (5906), (5907)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.107. CONNECTOR COMPOSITES (5909), (5925/5926), (5927), (5930M), (5940), P. 83B

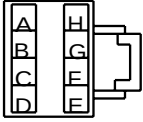
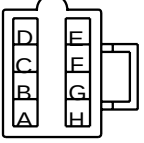
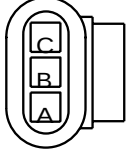
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DRIVER TECH (5909) (LOCATED UNDER BUNK (W/ LONESTAR))  CONNECTOR 2005835C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>H14ED</td><td>18</td><td>RD</td><td>1661208C1</td></tr> <tr><td>C</td><td>H11-GMB</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>E</td><td>H13EE</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>F</td><td>H3BD(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>G</td><td>H3BD(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	H14ED	18	RD	1661208C1	C	H11-GMB	18	WH	1661208C1	E	H13EE	18	PK	1661208C1	F	H3BD(+)	18	DKBL	1661208C1	G	H3BD(-)	18	GY	1661208C1																																																																	
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INVERTER CONTROLLER (5925 / 5926) (LOCATED ON LEFT SIDE, WALL OF SLEEPER) (W/ LONESTAR)  CONNECTOR 3822477C91 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>HX0</td><td>8</td><td>BK</td><td>ASSY</td></tr> <tr><td>1</td><td>HX1</td><td>24</td><td>-</td><td>ASSY</td></tr> <tr><td>2</td><td>HX2</td><td>24</td><td>-</td><td>ASSY</td></tr> <tr><td>3</td><td>HX3</td><td>24</td><td>-</td><td>ASSY</td></tr> <tr><td>4</td><td>HX4</td><td>24</td><td>-</td><td>ASSY</td></tr> <tr><td>5</td><td>HX5</td><td>24</td><td>-</td><td>ASSY</td></tr> <tr><td>6</td><td>HX6</td><td>24</td><td>-</td><td>ASSY</td></tr> <tr><td>7</td><td>HX7</td><td>24</td><td>-</td><td>ASSY</td></tr> <tr><td>8</td><td>HX8</td><td>24</td><td>-</td><td>ASSY</td></tr> </tbody> </table> TRIP MASTER (5927) (LOCATED UNDER BUNK - CENTER SECTION)  CONNECTOR 2005836C1 BODY LOCK 2006504C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>H98A</td><td>18</td><td>BK</td><td>1661212C1</td></tr> <tr><td>B</td><td>H88B</td><td>18</td><td>BK</td><td>1661212C1</td></tr> <tr><td>C</td><td>H13SD</td><td>18</td><td>PK</td><td>1661212C1</td></tr> <tr><td>D</td><td>H11-GSD</td><td>18</td><td>WH</td><td>1661212C1</td></tr> <tr><td>E</td><td>H14SD</td><td>18</td><td>RD</td><td>1661212C1</td></tr> <tr><td>F</td><td>H50S</td><td>18</td><td>YL</td><td>1661212C1</td></tr> <tr><td>G</td><td>H70E</td><td>18</td><td>OR</td><td>1661212C1</td></tr> <tr><td>H</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	HX0	8	BK	ASSY	1	HX1	24	-	ASSY	2	HX2	24	-	ASSY	3	HX3	24	-	ASSY	4	HX4	24	-	ASSY	5	HX5	24	-	ASSY	6	HX6	24	-	ASSY	7	HX7	24	-	ASSY	8	HX8	24	-	ASSY	CAV	CIR	GAUGE	COLOR	TERMINAL	A	H98A	18	BK	1661212C1	B	H88B	18	BK	1661212C1	C	H13SD	18	PK	1661212C1	D	H11-GSD	18	WH	1661212C1	E	H14SD	18	RD	1661212C1	F	H50S	18	YL	1661212C1	G	H70E	18	OR	1661212C1	H	-	-	-	-
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Figure 336 Connector Composites (5909), (5925/5926), (5927), (5930M), (5940)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

337

14.108. CONNECTOR COMPOSITE (6000), P. 84

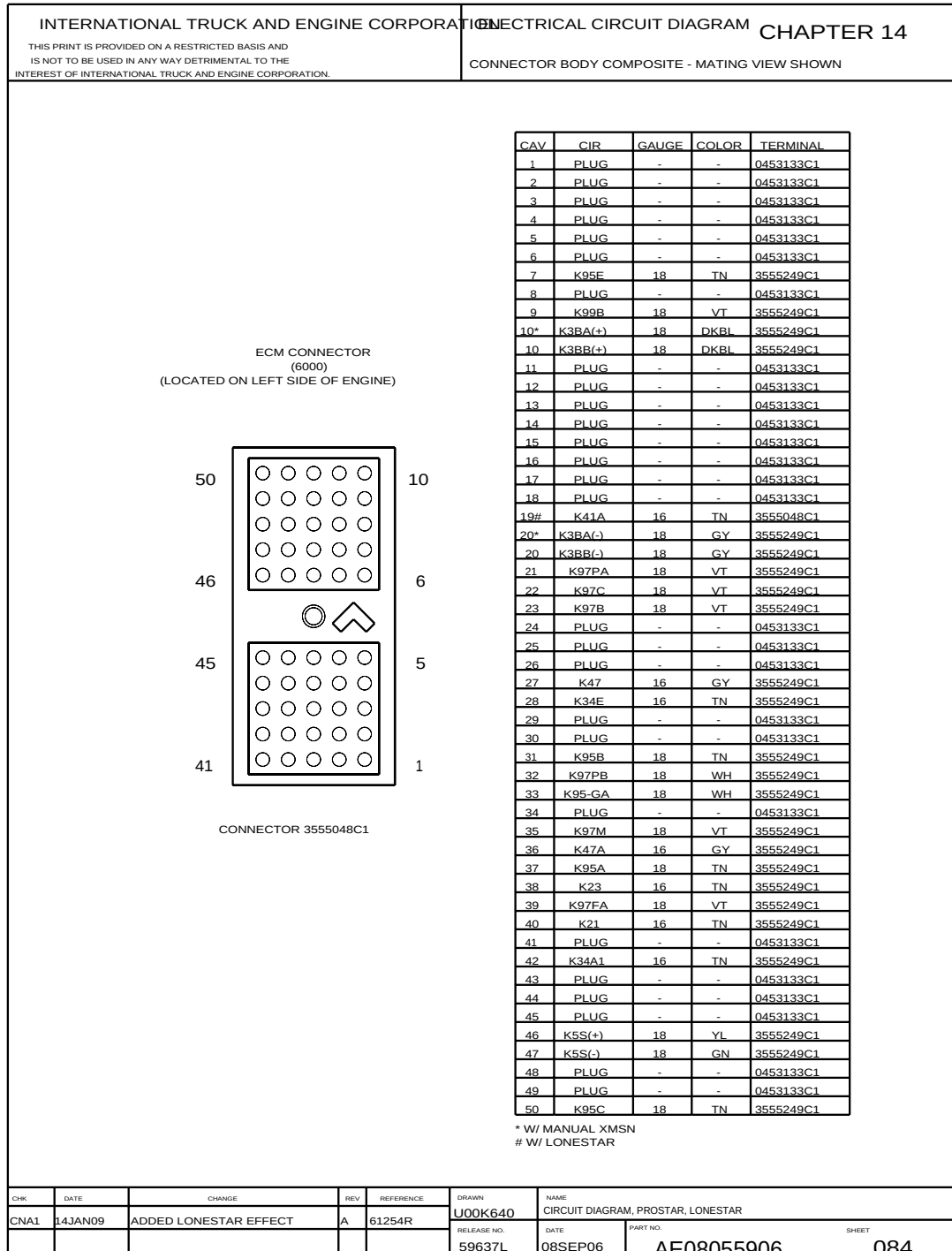


Figure 337 Connector Composite (6000)

14.109. CONNECTOR COMPOSITE (6010), P. 84A

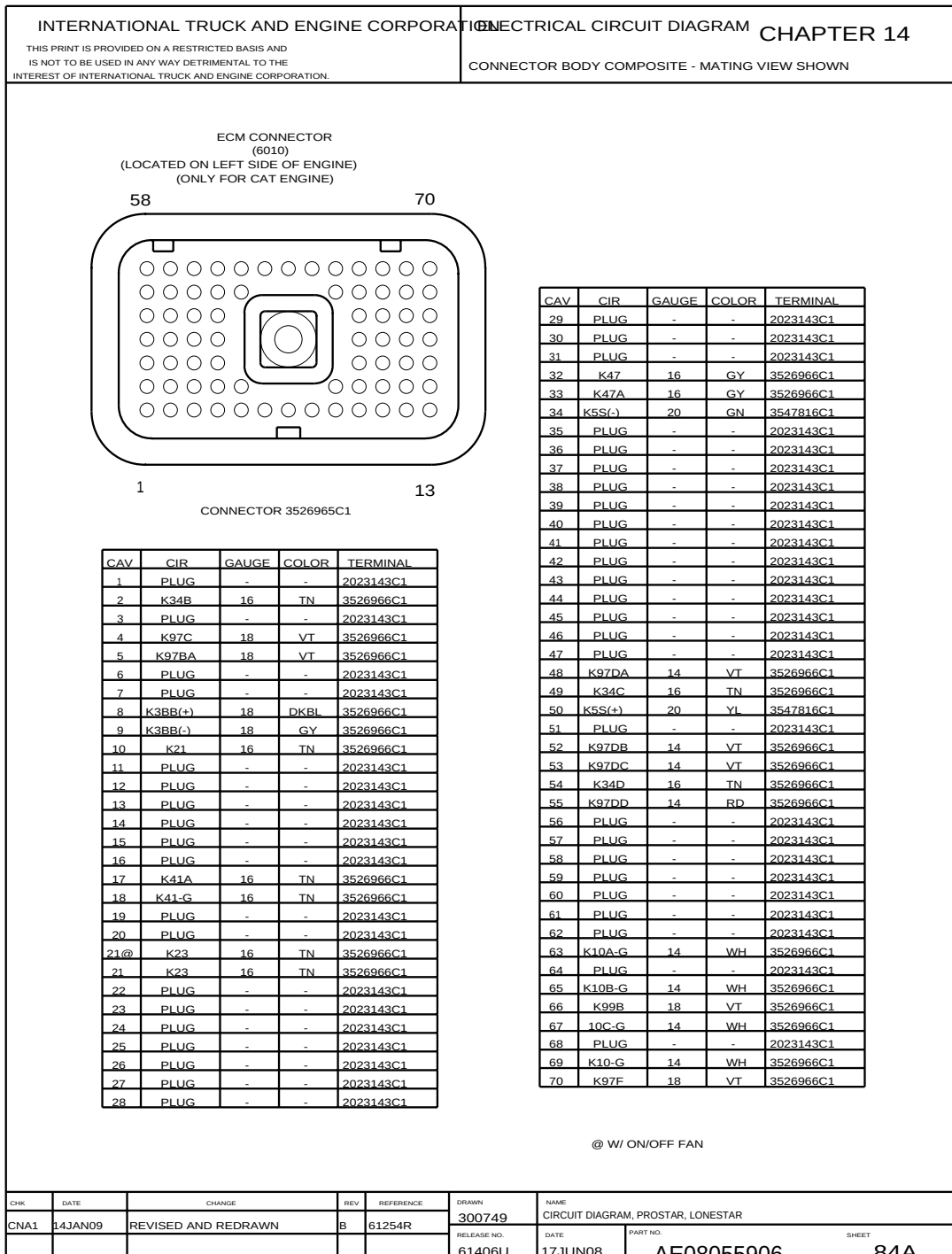


Figure 338 Connector Composite (6010)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

339

14.110. CONNECTOR COMPOSITES (6001), (6018), (6019), P. 85

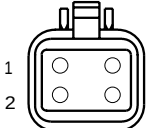
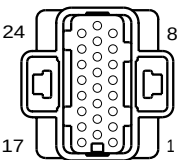
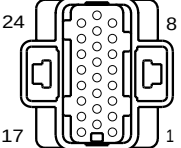
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																																																																																												
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Figure 339 Connector Composites (6001), (6018), (6019)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.111. CONNECTOR COMPOSITES (6020), (6021), (6033), P. 85A

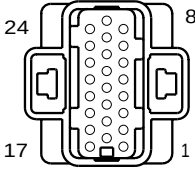
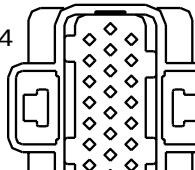
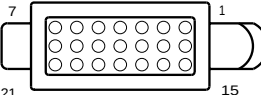
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																																																																																																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																																																																																			
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Figure 340 Connector Composites (6020), (6021), (6033)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

341

14.112. CONNECTOR COMPOSITES (6200), (6201), (6202), (6260VH), (6260VL), (6260VM), (6304), (6316M), P. 85B

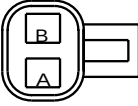
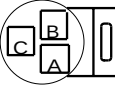
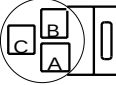
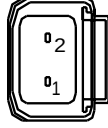
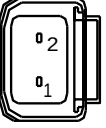
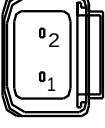
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																							
FREON COMPRESSOR (6200) (LOCATED ON AC COMPRESSOR FRONT RIGHT OF ENGINE)  CONNECTOR 1671610C1 BODY LOCK 1671608C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K77-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K77</td> <td>16</td> <td>LTGN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K77-G	16	WH	2033819C1	1652325C1	B	K77	16	LTGN	2033819C1	1652325C1	AC PRESSURE TRANSDUCER (6201) (LOCATED ON AC COMPRESSOR DISCHARGE HOSE FORWARD OF ENGINE)  CONNECTOR 1678137C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>K9AA</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>A#</td> <td>K9AAA</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>A##</td> <td>K9AAA</td> <td>18</td> <td>GY</td> <td>3554322C1</td> </tr> <tr> <td>A@</td> <td>K9AB</td> <td>18</td> <td>GY</td> <td>3554322C1</td> </tr> <tr> <td></td> <td>K9AA</td> <td>18</td> <td>GY</td> <td>3554322C1</td> </tr> <tr> <td>B</td> <td>K6DB</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B@</td> <td>K6DB</td> <td>18</td> <td>GY</td> <td>3554322C1</td> </tr> <tr> <td>C</td> <td>K77B</td> <td>18</td> <td>LTGN</td> <td>1651943C1</td> </tr> <tr> <td>C@</td> <td>K77B</td> <td>18</td> <td>LTGN</td> <td>3554322C1</td> </tr> </tbody> </table> * N/ OIL TEMPERATURE & N/ AIR RESTRICTION GAUGE # W/ OIL TEMPERATURE OR AIR RESTRICTION GAUGE @ W/ CAT ENGINE ## W/ LONESTAR				CAV	CIR	GAUGE	COLOR	TERMINAL	A*	K9AA	18	GY	1651943C1	A#	K9AAA	18	GY	1651943C1	A##	K9AAA	18	GY	3554322C1	A@	K9AB	18	GY	3554322C1		K9AA	18	GY	3554322C1	B	K6DB	18	GY	1651943C1	B@	K6DB	18	GY	3554322C1	C	K77B	18	LTGN	1651943C1	C@	K77B	18	LTGN	3554322C1
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CNA1	16JUN09	CONN 6316M CAV A WAS	D	61610P	380061	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																																					
	K17.				RELEASE NO. 61296K	DATE 08APR08 PART NO. AE08055906 SHEET 85B																																																																					

Figure 341 Connector Composites (6200), (6201), (6202), (6260VH), (6260VL), (6260VM), (6304), (6316M)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.113. CONNECTOR COMPOSITES (6400), (6401), (6402), (6403), (6406/6402), P. 86

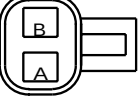
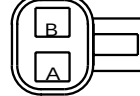
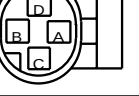
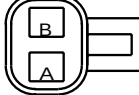
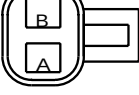
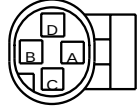
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN							
FAN SOLENOID (6400) (LOCATED ON LEFT REAR OF ENGINE)				FAN SOLENOID (6400) (W/ IBB ENGINE) (W/ PROSTAR)							
											
CONNECTOR 1671610C1 BODY LOCK 1671608C1				CONNECTOR 3522068C1 BODY LOCK 1661874C1							
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K23	16	TN	2033819C1	1652325C1	A	K23	16	TN	1661875C1	1661872C1
B	K23-G	16	WH	2033819C1	1652325C1	B	K23-G	16	WH	1661875C1	1661872C1
LOW COOLANT SENDER (6401) (LOCATED ON COOLANT RESERVOIR)				LOW COOLANT SENDER 8600 (6401) (W/ IBB ENGINE) (W / PROSTAR)							
											
CONNECTOR 1671610C1 BODY LOCK 1671608C1				CONNECTOR 1673746C1 BODY LOCK 1667873C1							
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K34	16	TN	2033819C1	1652325C1	A	K34D	18	TN	1661875C1	1661872C1
B	K34A	16	TN	2033819C1	1652325C1	B	K34-GA	18	WH	1661875C1	1661872C1
						C	K34B	18	TN	1661875C1	1661872C1
						D	K34C	18	TN	1661875C1	1661872C1
LOW COOLANT SENSOR (6402) (LOCATED ON LEFT FRONT SIDE OF THE ENGINE)				TRAILER SOCKET 2 (6403) (LOCATED ON LEFT FRONT SIDE OF THE ENGINE)							
											
CONNECTOR 1671610C1 BODY LOCK 1671608C1				CONNECTOR 1671610C1 BODY LOCK 1671608C1							
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K34	16	TN	2033819C1	1652325C1	A	K23	16	TN	2033819C1	1652325C1
B	K34A	16	TN	2033819C1	1652325C1	B	K23-G	16	WH	2033819C1	1652325C1
LOW COOLANT SENSOR (6403) (W/ CAT ENGINE)				VARIABLE SPEED FAN DRIVE (6406 / *6402) (LOCATED ON LEFT FRONT SIDE OF THE ENGINE)							
											
CONNECTOR 1673746C1 BODY LOCK 1667873C1				CONNECTOR 3540756C1 BODY LOCK 3540758C1							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K34D	16	TN	1661875C1	1661872C1	A	K23	16	TN	1661875C1	1661872C1
B	K34-GA	16	WH	1661875C1	1661872C1	B	K9AD	18	GY	1661875C1	1661872C1
C	K34B	16	TN	1661875C1	1661872C1	C	K23A	16	TN	1661875C1	1661872C1
D	K34C	16	TN	1661875C1	1661872C1	D	K23-G	16	WH	1661875C1	1661872C1
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME CIRCUIT DIAGRAM, PROSTAR, LONESTAR DATE 08SEP06 PART NO. AE08055906 SHEET 086					
CNA1	14JAN09	TITLE WAS CIRCUIT	D	61254R	U00K640						
		DIAGRAM, PROSTAR			59637L						

Figure 342 Connector Composites (6400), (6401), (6402), (6403), (6406/6402)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.114. CONNECTOR COMPOSITES (6420), (6550), (6551), (6561), (6650), (6700), (6701), P. 86A

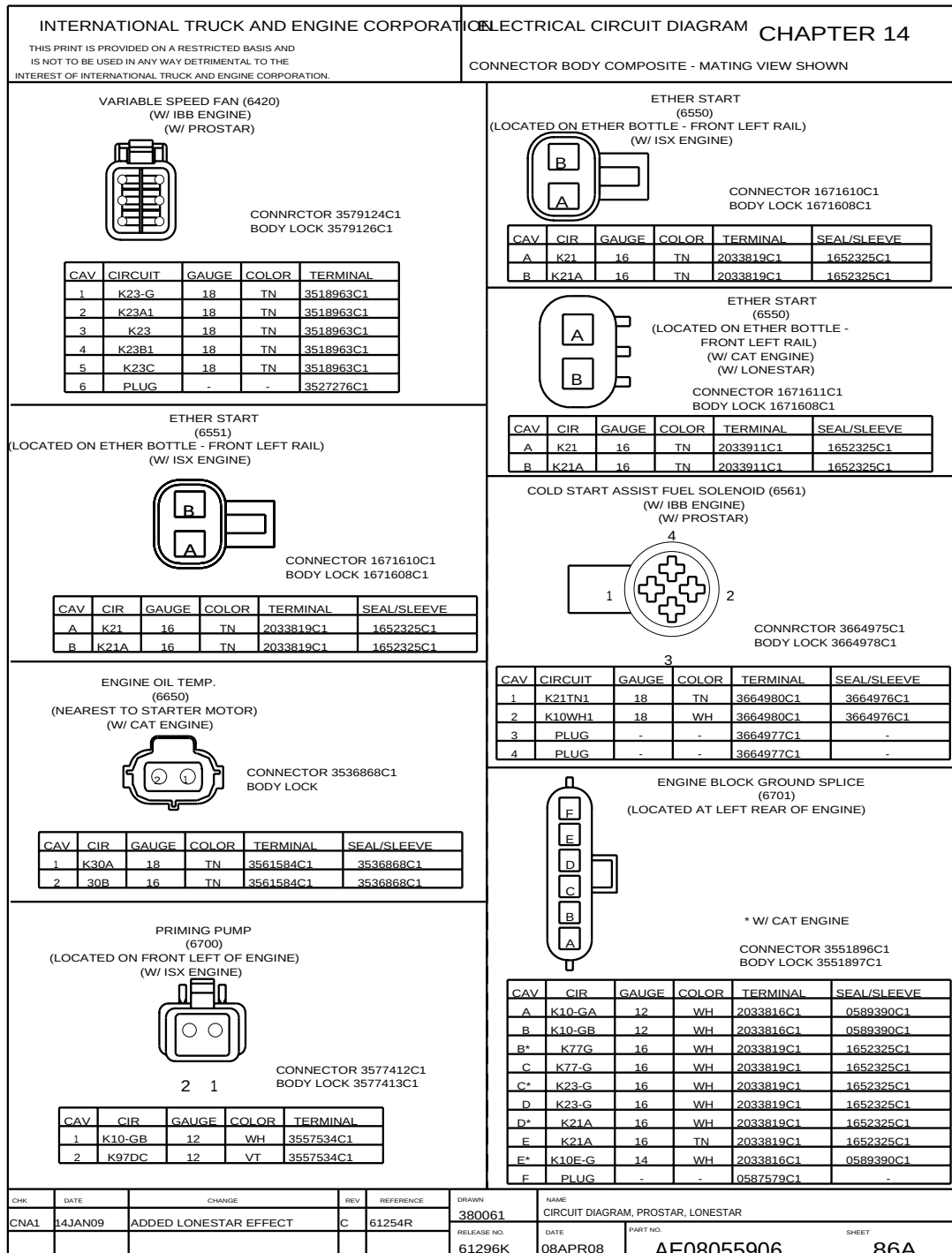


Figure 343 Connector Composites (6420), (6550), (6551), (6561), (6650), (6700), (6701)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.115. CONNECTOR COMPOSITES (6702), (6703), (6703/6703A), (6704), (6704A), P. 87

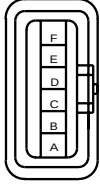
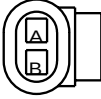
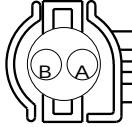
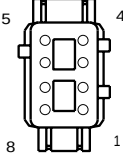
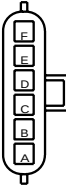
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																														
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																														
0V REFERENCE SPLICE (6702) (LOCATED UPPER REAR OF ENGINE)  CONNECTOR 3543729C1 BODY LOCK 3543731C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>K9AA</td><td>16</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B</td><td>K9AAA</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B*</td><td>K9AB</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>C</td><td>K9AAD</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>C*</td><td>K9AC</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>D</td><td>K9AAB</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>D*</td><td>K30B</td><td>18</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>E*</td><td>K9AD</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>F*</td><td>K9AAB</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> </tbody> </table> * W/ CAT ENGINE						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K9AA	16	GY	3535303C1	3535424C1	B	K9AAA	18	GY	3535303C1	3535424C1	B*	K9AB	18	GY	3535303C1	3535424C1	C	K9AAD	18	GY	3535303C1	3535424C1	C*	K9AC	18	GY	3535303C1	3535424C1	D	K9AAB	18	GY	3535303C1	3535424C1	D*	K30B	18	TN	3535303C1	3535424C1	E	PLUG	-	-	3535425C1	-	E*	K9AD	18	GY	3535303C1	3535424C1	F	PLUG	-	-	3535425C1	-	F*	K9AAB	18	GY	3535303C1	3535424C1																					
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C*	K9AC	18	GY	3535303C1	3535424C1																																																																																													
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F*	K9AAB	18	GY	3535303C1	3535424C1																																																																																													
AIR RESTRICTION GAUGE (6703 / #6703A) (LOCATED ON AIR CLEANER - LEFT REAR OF ENG)  CONNECTOR 3522068C1 BODY LOCK 1661874C1 # W/ IBB & CAT ENGINE <table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>K9AAB</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>K28</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K9AAB	18	GY	1661875C1	1661872C1	B	K28	18	TN	1661875C1	1661872C1	INTAKE AIR TEMPERATURE (6703) (LOCATED ON AIR FILTER HOUSING) (W/ IBB ENGINE) (W/ PROSTAR)  CONNECTOR 1689462C1 BODY LOCK 1689463C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K41</td><td>16</td><td>TN</td><td>1689464C1</td></tr> <tr><td>B</td><td>K41-G</td><td>16</td><td>WH</td><td>1689464C1</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K41	16	TN	1689464C1	B	K41-G	16	WH	1689464C1																																																												
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																													
A	K9AAB	18	GY	1661875C1	1661872C1																																																																																													
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B	K41-G	16	WH	1689464C1																																																																																														
FLEETGUARD AFTER TREATMENT HARNESS (6704) (LOCATED ON RIGHT SIDE OF BELL HOUSING)  CONNECTOR 3539139C1 BODY LOCK 3539144C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>K95A</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>2</td><td>K95B</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>3</td><td>K95C</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>4</td><td>K95-GA</td><td>18</td><td>WH</td><td>3555249C1</td></tr> <tr><td>5</td><td>K95D</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>6</td><td>K95E</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>7</td><td>K95-GB</td><td>18</td><td>WH</td><td>3555249C1</td></tr> <tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	1	K95A	18	TN	3555249C1	2	K95B	18	TN	3555249C1	3	K95C	18	TN	3555249C1	4	K95-GA	18	WH	3555249C1	5	K95D	18	TN	3555249C1	6	K95E	18	TN	3555249C1	7	K95-GB	18	WH	3555249C1	8	PLUG	-	-	3527276C1	GROUND ADAPTER (6704A) (W/ IBB ENGINE) (W/ PROSTAR)  CONNECTOR 3551896C1 BODY LOCK 3551897C1 * MUTUALLY EXCLUSIVE <table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>K10-GB</td><td>10</td><td>WH</td><td>1687847C1</td><td>0589390C1</td></tr> <tr><td>B</td><td>K10WH1</td><td>18</td><td>WH</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>C</td><td>K77-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>K10-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E*</td><td>K23-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E*</td><td>K23-G</td><td>18</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K10-GB	10	WH	1687847C1	0589390C1	B	K10WH1	18	WH	2033819C1	3517771C1	C	K77-G	16	WH	2033819C1	1652325C1	D	K10-G	16	WH	2033819C1	1652325C1	E*	K23-G	16	WH	2033819C1	1652325C1	E*	K23-G	18	TN	2033819C1	1652325C1	F	PLUG	-	-	0587579C1	-
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																																														
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3	K95C	18	TN	3555249C1																																																																																														
4	K95-GA	18	WH	3555249C1																																																																																														
5	K95D	18	TN	3555249C1																																																																																														
6	K95E	18	TN	3555249C1																																																																																														
7	K95-GB	18	WH	3555249C1																																																																																														
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F	PLUG	-	-	0587579C1	-																																																																																													
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Figure 344 Connector Composites (6702), (6703), (6703/6703A), (6704), (6704A)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.116. CONNECTOR COMPOSITES (6705), (6706), (6707), P. 88

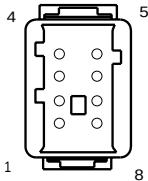
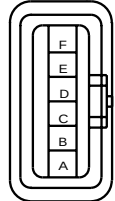
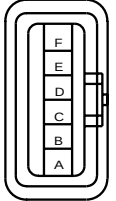
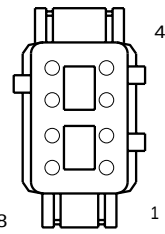
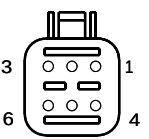
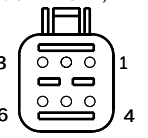
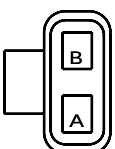
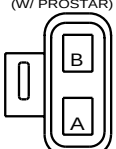
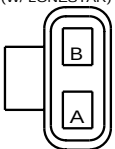
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CONNECTOR 3522068C1 BODY LOCK 1661874C1																																																		
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CONNECTOR 3539139C1 BODY LOCK 3539145C1																																																		
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CONNECTOR 3543729C1 BODY LOCK 3543731C1			CONNECTOR 3543729C1 BODY LOCK 3543731C1																																															
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CONNECTOR 3539139C1 BODY LOCK 3539144C1																																																		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN																																													
CNA1	14JAN09	TITLE WAS CIRCUIT	C	61254R	U00K640																																													
		DIAGRAM, PROSTAR			59637L																																													
			NAME: CIRCUIT DIAGRAM, PROSTAR, LONESTAR DATE: 08SEP06 PART NO: AE08055906 SHEET: 088																																															

Figure 345 Connector Composites (6705), (6706), (6707)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.117. CONNECTOR COMPOSITES (6708), (6709), (6712), (6713), (6714), P. 88A

INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																										
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AFTER TREATMENT DPF (6708) (LOCATED BY MUFFLER) (W/ CAT ENGINE)  CONNECTOR 3662015C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>K95D</td><td>16</td><td>TN</td><td>1651988C1</td></tr> <tr><td>2</td><td>K95-GB</td><td>16</td><td>WH</td><td>1651988C1</td></tr> <tr><td>3</td><td>K95E</td><td>16</td><td>TN</td><td>1651988C1</td></tr> <tr><td>4</td><td>K95A</td><td>16</td><td>TN</td><td>1651988C1</td></tr> <tr><td>5</td><td>K95C</td><td>16</td><td>TN</td><td>1651988C1</td></tr> <tr><td>6</td><td>K95-GA</td><td>16</td><td>WH</td><td>1651988C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERMINAL	1	K95D	16	TN	1651988C1	2	K95-GB	16	WH	1651988C1	3	K95E	16	TN	1651988C1	4	K95A	16	TN	1651988C1	5	K95C	16	TN	1651988C1	6	K95-GA	16	WH	1651988C1	ENGINE HARNESS DPF (6709) (NEAR TO STARTER MOTOR) (W/ CAT ENGINE)  CONNECTOR 3662015C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>K95D</td><td>16</td><td>TN</td><td>1651988C1</td></tr> <tr><td>2</td><td>K95-GB</td><td>16</td><td>WH</td><td>1651988C1</td></tr> <tr><td>3</td><td>K95E</td><td>16</td><td>TN</td><td>1651988C1</td></tr> <tr><td>4</td><td>K95A</td><td>16</td><td>TN</td><td>1651988C1</td></tr> <tr><td>5</td><td>K95C</td><td>16</td><td>TN</td><td>1651988C1</td></tr> <tr><td>6</td><td>K95-GA</td><td>16</td><td>WH</td><td>1651988C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERMINAL	1	K95D	16	TN	1651988C1	2	K95-GB	16	WH	1651988C1	3	K95E	16	TN	1651988C1	4	K95A	16	TN	1651988C1	5	K95C	16	TN	1651988C1	6	K95-GA	16	WH	1651988C1
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ECM FUSE (6712)  CONNECTOR 3535482C1 BODY LOCK 3535483C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K14AF</td><td>10</td><td>RD</td><td>1661708C1</td></tr> <tr><td>A*</td><td>K97D</td><td>10</td><td>VT</td><td>3679001C1</td></tr> <tr><td>B</td><td>K14AE</td><td>10</td><td>RD</td><td>1661708C1</td></tr> <tr><td>B*</td><td>K97DF</td><td>10</td><td>VT</td><td>3679001C1</td></tr> </tbody> </table> * W/ CAT ENGINE					CAV	CIR	GAUGE	COLOR	TERMINAL	A	K14AF	10	RD	1661708C1	A*	K97D	10	VT	3679001C1	B	K14AE	10	RD	1661708C1	B*	K97DF	10	VT	3679001C1	ECM FUSE (6713) (W/ PROSTAR)  CONNECTOR 3535482C1 BODY LOCK 3535483C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K14AF</td><td>10</td><td>RD</td><td>1661708C1</td></tr> <tr><td>B</td><td>K14AE</td><td>10</td><td>RD</td><td>1661708C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERMINAL	A	K14AF	10	RD	1661708C1	B	K14AE	10	RD	1661708C1																														
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HEATED NOZZLE RELAY (6713) (LOCATED ON - FRONT LEFT RAIL) (W/ CAT ENGINE)  CONNECTOR 3602747C1 BODY LOCK 3539784C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>K97FZ</td><td>14</td><td>RD</td><td>2034787C1</td></tr> <tr><td>2</td><td>K10E-G</td><td>14</td><td>WH</td><td>2034787C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERMINAL	1	K97FZ	14	RD	2034787C1	2	K10E-G	14	WH	2034787C1	ECM FUSE (6713) (W/ ISX ENGINE) (W/ LONESTAR)  CONNECTOR 3512967C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K14AF</td><td>10</td><td>RD</td><td>3679001C1</td></tr> <tr><td>B</td><td>K14AE</td><td>10</td><td>RD</td><td>3679001C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERMINAL	A	K14AF	10	RD	3679001C1	B	K14AE	10	RD	3679001C1																																								
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AMBIENT AIR TEMPERATURE (6714) (LOCATED NEAR STARTER LOWER LEFT SIDE OF ENGINE) (W/ CAT ENGINE)  CONNECTOR 3518183C1 BODY LOCK 3518174C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>K41-G</td><td>16</td><td>TN</td><td>3518961C1</td></tr> <tr><td>2</td><td>K41A</td><td>16</td><td>TN</td><td>3518961C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K41-G	16	TN	3518961C1	2	K41A	16	TN	3518961C1																																																												
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	ADDED LONESTAR EFFECT	C	61254R	380061	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					RELEASE NO.	DATE
					61296K	09APR08
					PART NO.	SHEET
					AE08055906	88A

Figure 346 Connector Composites (6708), (6709), (6712), (6713), (6714)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.118. CONNECTOR COMPOSITES (6715), (6716), (6716A), (6720/6721), (6730), P. 88B

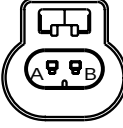
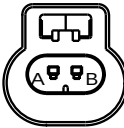
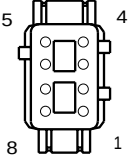
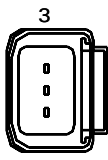
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IDLE CONTROL SENSOR (6715) (LOCATED NEAR STARTER LOWER LEFT SIDE OF ENGINE)  CONNECTOR 3518183C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K41-G</td> <td>16</td> <td>TN</td> <td>3518961C1</td> </tr> <tr> <td>2</td> <td>K41A</td> <td>16</td> <td>TN</td> <td>3518961C1</td> </tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	1	K41-G	16	TN	3518961C1	2	K41A	16	TN	3518961C1																																																		
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APS DIAGNOSTIC RESISTOR (6716) (LOCATED ON LEFT SIDE OF ENGINE)  CONNECTOR 3683465C1 BODY LOCK 3683466C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K97W</td> <td>18</td> <td>VT</td> <td>3683464C1</td> </tr> <tr> <td>2</td> <td>K97CA</td> <td>18</td> <td>VT</td> <td>3683464C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	K97W	18	VT	3683464C1	2	K97CA	18	VT	3683464C1	IVS DIAGNOSTIC RESISTOR (6716A) (LOCATED ON LEFT SIDE OF ENGINE)  CONNECTOR 3683465C1 BODY LOCK 3683466C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K97N</td> <td>18</td> <td>VT</td> <td>3535424C1</td> </tr> <tr> <td>2</td> <td>K97NA</td> <td>18</td> <td>VT</td> <td>3683464C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	K97N	18	VT	3535424C1	2	K97NA	18	VT	3683464C1																																			
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AFTERTREATMENT SENSOR JUMPER / AFTERTREATMENT SENSOR JUMPER-LSM EXHAUST (6720 / 6721) (W/ IBB ENGINE) (W/ PROSTAR)  CONNECTOR 3539139C1 BODY LOCK 3539144C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>K95A</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>2</td><td>K95B</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>3</td><td>K95C</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>4</td><td>K95-GA</td><td>18</td><td>WH</td><td>3555249C1</td></tr> <tr><td>5</td><td>K95D</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>6</td><td>K95E</td><td>18</td><td>TN</td><td>3555249C1</td></tr> <tr><td>7</td><td>K95-GB</td><td>18</td><td>WH</td><td>3555249C1</td></tr> <tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	K95A	18	TN	3555249C1	2	K95B	18	TN	3555249C1	3	K95C	18	TN	3555249C1	4	K95-GA	18	WH	3555249C1	5	K95D	18	TN	3555249C1	6	K95E	18	TN	3555249C1	7	K95-GB	18	WH	3555249C1	8	PLUG	-	-	3527276C1	HCL FUEL PRESSURE (6730) (W/ IBB ENGINE) (W/ PROSTAR)  CONNECTOR 3803116C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K95P</td> <td>18</td> <td>TN</td> <td>3613771C1</td> </tr> <tr> <td>2</td> <td>K95R</td> <td>18</td> <td>TN</td> <td>3613771C1</td> </tr> <tr> <td>3</td> <td>K95S</td> <td>18</td> <td>TN</td> <td>3613771C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	K95P	18	TN	3613771C1	2	K95R	18	TN	3613771C1	3	K95S	18	TN	3613771C1
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Figure 347 Connector Composites (6715), (6716), (6716A), (6720/6721), (6730)

14.119. CONNECTOR COMPOSITES (6725), (6731/6731A), P. 88C

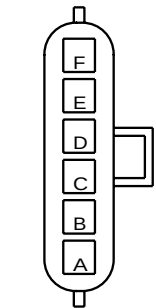
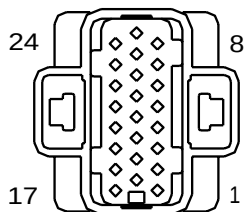
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CONNECTOR 3551896C1 BODY LOCK 3551897C1 <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>K13A</td><td>18</td><td>PK</td><td>2033819C1</td><td>3517771C1</td></tr><tr><td>B</td><td>K13A1</td><td>18</td><td>GY</td><td>2033819C1</td><td>3517771C1</td></tr><tr><td>C</td><td>K97FC</td><td>18</td><td>GY</td><td>2033819C1</td><td>3517771C1</td></tr><tr><td>D</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr><tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr><tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr></tbody></table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K13A	18	PK	2033819C1	3517771C1	B	K13A1	18	GY	2033819C1	3517771C1	C	K97FC	18	GY	2033819C1	3517771C1	D	PLUG	-	-	0587579C1	-	E	PLUG	-	-	0587579C1	-	F	PLUG	-	-	0587579C1	-	CONNECTOR 3805646C1 <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>K95T1</td><td>18</td><td>TN</td><td>3562314C1</td></tr><tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>8</td><td>K15A</td><td>18</td><td>RD</td><td>3562314C1</td></tr><tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>12</td><td>K95A</td><td>18</td><td>TN</td><td>3562314C1</td></tr><tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>14</td><td>K95C</td><td>18</td><td>TN</td><td>3562314C1</td></tr><tr><td>15</td><td>K95B</td><td>18</td><td>TN</td><td>3562314C1</td></tr><tr><td>16</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>17</td><td>K10-GB</td><td>16</td><td>WH</td><td>3562315C1</td></tr><tr><td>18</td><td>K95E</td><td>18</td><td>TN</td><td>3562314C1</td></tr><tr><td>19</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr><tr><td>20</td><td>K98YL4</td><td>18</td><td>YL</td><td>3562314C1</td></tr><tr><td>21</td><td>K98GN4</td><td>18</td><td>GN</td><td>3562314C1</td></tr><tr><td>22</td><td>K14A</td><td>16</td><td>RD</td><td>3562314C1</td></tr><tr><td>23</td><td>K95S</td><td>18</td><td>TN</td><td>3562314C1</td></tr><tr><td>24</td><td>K95F</td><td>18</td><td>TN</td><td>3562314C1</td></tr></tbody></table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	K95T1	18	TN	3562314C1	2	PLUG	-	-	3562316C1	3	PLUG	-	-	3562316C1	4	PLUG	-	-	3562316C1	5	PLUG	-	-	3562316C1	6	PLUG	-	-	3562316C1	7	PLUG	-	-	3562316C1	8	K15A	18	RD	3562314C1	9	PLUG	-	-	3562316C1	10	PLUG	-	-	3562316C1	11	PLUG	-	-	3562316C1	12	K95A	18	TN	3562314C1	13	PLUG	-	-	3562316C1	14	K95C	18	TN	3562314C1	15	K95B	18	TN	3562314C1	16	PLUG	-	-	3562316C1	17	K10-GB	16	WH	3562315C1	18	K95E	18	TN	3562314C1	19	PLUG	-	-	3562316C1	20	K98YL4	18	YL	3562314C1	21	K98GN4	18	GN	3562314C1	22	K14A	16	RD	3562314C1	23	K95S	18	TN	3562314C1	24	K95F	18	TN	3562314C1
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Figure 348 Connector Composites (6725), (6731/6731A)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.120. CONNECTOR COMPOSITES (6732), (7103), (7104), P. 89

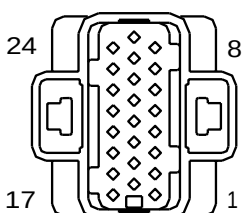
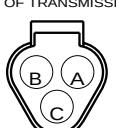
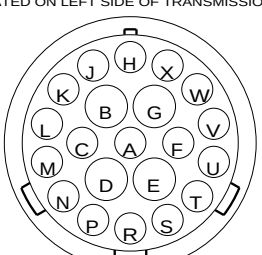
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MOTOTRON CONNECTOR A (6732) (W/ IBB ENGINE) (W/ PROSTAR)  CONNECTOR 3805644C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>K95L</td><td>18</td><td>TN</td><td>3562314C1</td></tr> <tr><td>2</td><td>K95K</td><td>18</td><td>TN</td><td>3562314C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>15</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>16</td><td>K10-GA</td><td>16</td><td>WH</td><td>3562315C1</td></tr> <tr><td>17</td><td>K95H</td><td>18</td><td>TN</td><td>3562314C1</td></tr> <tr><td>18</td><td>K95J</td><td>18</td><td>TN</td><td>3562314C1</td></tr> <tr><td>19</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>20</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>21</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>22</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> <tr><td>23</td><td>K14B</td><td>16</td><td>RD</td><td>3562315C1</td></tr> <tr><td>24</td><td>PLUG</td><td>-</td><td>-</td><td>3562316C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95L	18	TN	3562314C1	2	K95K	18	TN	3562314C1	3	PLUG	-	-	3562316C1	4	PLUG	-	-	3562316C1	5	PLUG	-	-	3562316C1	6	PLUG	-	-	3562316C1	7	PLUG	-	-	3562316C1	8	PLUG	-	-	3562316C1	9	PLUG	-	-	3562316C1	10	PLUG	-	-	3562316C1	11	PLUG	-	-	3562316C1	12	PLUG	-	-	3562316C1	13	PLUG	-	-	3562316C1	14	PLUG	-	-	3562316C1	15	PLUG	-	-	3562316C1	16	K10-GA	16	WH	3562315C1	17	K95H	18	TN	3562314C1	18	K95J	18	TN	3562314C1	19	PLUG	-	-	3562316C1	20	PLUG	-	-	3562316C1	21	PLUG	-	-	3562316C1	22	PLUG	-	-	3562316C1	23	K14B	16	RD	3562315C1	24	PLUG	-	-	3562316C1	FREEDOMLINE XMSN J1939 CONNECTION (7103) (LOCATED ON TOP OF TRANSMISSION)  CONNECTOR 3602454C1 BODY LOCK 1655705C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>K5V(+)</td><td>18</td><td>YL</td><td>1680206C1</td></tr> <tr><td>B</td><td>K5V(-)</td><td>18</td><td>GN</td><td>1680206C1</td></tr> <tr><td>C</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> </tbody> </table> FREEDOMLINE XMSN MAIN CONNECTION (7104) (LOCATED ON LEFT SIDE OF TRANSMISSION)  * W/ CAT ENGINE # W/ PROSTAR CONNECTOR 3573145C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>K13A</td><td>16</td><td>PK</td><td>1680205C1</td></tr> <tr><td>B</td><td>K14AA</td><td>12</td><td>RD</td><td>3557534C1</td></tr> <tr><td>C</td><td>K17-GC</td><td>16</td><td>WH</td><td>1680205C1</td></tr> <tr><td>D</td><td>K10-GHA</td><td>12</td><td>WH</td><td>3557534C1</td></tr> <tr><td>E</td><td>K10-GHB</td><td>12</td><td>WH</td><td>3557534C1</td></tr> <tr><td>F#</td><td>K71-G</td><td>16</td><td>OR</td><td>1680205C1</td></tr> <tr><td>F*</td><td>K71-G</td><td>16</td><td>WH</td><td>1680205C1</td></tr> <tr><td>G</td><td>K14AB</td><td>12</td><td>RD</td><td>3557534C1</td></tr> <tr><td>H</td><td>K3BC(+)</td><td>16</td><td>DKBL</td><td>1680205C1</td></tr> <tr><td>J</td><td>K3BC(-)</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>K</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>L</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>M</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>N</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>P</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>R</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>S</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>T</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>U</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>V</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>W</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>X</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERMINAL	A	K5V(+)	18	YL	1680206C1	B	K5V(-)	18	GN	1680206C1	C	PLUG	-	-	0453133C1	CAV	CIR	GAUGE	COLOR	TERMINAL	A	K13A	16	PK	1680205C1	B	K14AA	12	RD	3557534C1	C	K17-GC	16	WH	1680205C1	D	K10-GHA	12	WH	3557534C1	E	K10-GHB	12	WH	3557534C1	F#	K71-G	16	OR	1680205C1	F*	K71-G	16	WH	1680205C1	G	K14AB	12	RD	3557534C1	H	K3BC(+)	16	DKBL	1680205C1	J	K3BC(-)	16	GY	1680205C1	K	PLUG	-	-	0453133C1	L	PLUG	-	-	0453133C1	M	PLUG	-	-	0453133C1	N	PLUG	-	-	0453133C1	P	PLUG	-	-	0453133C1	R	PLUG	-	-	0453133C1	S	PLUG	-	-	0453133C1	T	PLUG	-	-	0453133C1	U	PLUG	-	-	0453133C1	V	PLUG	-	-	0453133C1	W	PLUG	-	-	0453133C1	X	PLUG	-	-	0453133C1
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Figure 349 Connector Composites (6732), (7103), (7104)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.121. CONNECTOR COMPOSITES (7105), (7107/7110), (7111), (7500/7500A), P. 90

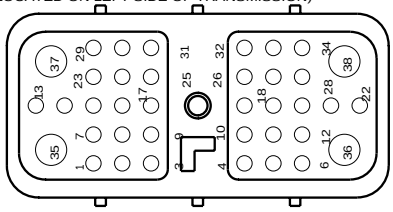
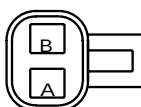
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EATON GEN3 TCM CONNECTOR (7105) (LOCATED ON LEFT SIDE OF TRANSMISSION)  CONNECTOR 3599542C1 @ W/ PROSTAR * MUTUALLY EXCLUSIVE # W/ CAT ENGINE % W/ IBB ENGINE <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td><td></td></tr> <tr><td>2</td><td>K5V(-)</td><td>18</td><td>GN</td><td>3555249C1</td><td></td></tr> <tr><td>3</td><td>K5V(+)</td><td>18</td><td>YL</td><td>3555249C1</td><td></td></tr> <tr><td>4*</td><td>K17-GC</td><td>18</td><td>WH</td><td>3555249C1</td><td></td></tr> <tr><td>4* @%</td><td>K17-GC</td><td>18</td><td>PK</td><td>3555249C1</td><td></td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td><td></td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td><td></td></tr> 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<tr><td>28%</td><td>K98YL</td><td>18</td><td>YL</td><td>3555249C1</td><td></td></tr> <tr><td>29</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td><td></td></tr> <tr><td>30</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td><td></td></tr> <tr><td>31%</td><td>K92ER</td><td>18</td><td>TN</td><td>3555249C1</td><td></td></tr> <tr><td>32</td><td>K17B</td><td>18</td><td>PK</td><td>3555249C1</td><td></td></tr> <tr><td>33</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td><td></td></tr> <tr><td>34</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td><td></td></tr> <tr><td>35*</td><td>K13AA</td><td>12</td><td>PK</td><td>3557534C1</td><td></td></tr> <tr><td>35* %</td><td>K13A</td><td>14</td><td>PK</td><td>3557534C1</td><td></td></tr> <tr><td>36* %</td><td>K10-GE</td><td>12</td><td>WH</td><td>3557534C1</td><td></td></tr> <tr><td>36* #</td><td>K11-GE</td><td>12</td><td>WH</td><td>3557534C1</td><td></td></tr> <tr><td>37</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td><td></td></tr> <tr><td>38</td><td>K14A</td><td>12</td><td>RD</td><td>3557534C1</td><td></td></tr> </tbody> </table>					CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	PLUG	-	-	3527276C1		2	K5V(-)	18	GN	3555249C1		3	K5V(+)	18	YL	3555249C1		4*	K17-GC	18	WH	3555249C1		4* @%	K17-GC	18	PK	3555249C1		5	PLUG	-	-	3527276C1		6	PLUG	-	-	3527276C1		7	PLUG	-	-	3527276C1		8	PLUG	-	-	3527276C1		9	PLUG	-	-	3527276C1		10	K3BC(+)	18	DKBL	3555249C1		11	K3BC(-)	18	GY	3555249C1		12	PLUG	-	-	3527276C1		13	PLUG	-	-	3527276C1		14	PLUG	-	-	3527276C1		15	PLUG	-	-	3527276C1		16	K92A	18	TN	3555249C1		17	K92B	18	TN	3555249C1		18	PLUG	-	-	3527276C1		19	PLUG	-	-	3527276C1		20*	K92E	18	TN	3555249C1		20* @%	K92E	16	TN	3555249C1		21	K92F	18	TN	3555249C1		22	K92H	18	TN	3555249C1		23	PLUG	-	-	3527276C1		24	PLUG	-	-	3527276C1		25%	K92J	18	TN	3555249C1		26*	K17C	18	PK	3555249C1		26* @%	K17C	16	PK	3555249C1		27%	K98GN	18	GN	3555249C1		28%	K98YL	18	YL	3555249C1		29	PLUG	-	-	3527276C1		30	PLUG	-	-	3527276C1		31%	K92ER	18	TN	3555249C1		32	K17B	18	PK	3555249C1		33	PLUG	-	-	3527276C1		34	PLUG	-	-	3527276C1		35*	K13AA	12	PK	3557534C1		35* %	K13A	14	PK	3557534C1		36* %	K10-GE	12	WH	3557534C1		36* #	K11-GE	12	WH	3557534C1		37	PLUG	-	-	3527276C1		38	K14A	12	RD	3557534C1		J1939 (7107 / & 7110) (LOCATED ON TRANSMISSION HARNESS)  CONNECTOR 1667741C1 BODY LOCK 1667771C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>K5TB(+)</td><td>18</td><td>YL</td><td>1661875C1</td><td>3568570C1</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>2025431C1</td><td>-</td></tr> <tr><td>C</td><td>K5TB(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table> & W/ IBB AND CAT 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Figure 350 Connector Composites (7105), (7107/7110), (7111), (7500/7500A)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

351

14.122. CONNECTOR COMPOSITES (7500W), (7600), (7600A), (7616), P. 91

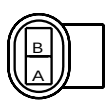
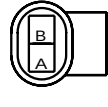
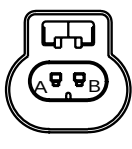
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																			
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REVERSE LIGHT (7500W) (LOCATED ON TOP OF TRANSMISSION) (W/ PROSTAR)  CONNECTOR 1661778C1 BODY LOCK 1661874C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr> <td>A</td><td>K71A</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr> <td>B</td><td>K71B</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K71A	16	OR	1661875C1	1661872C1	B	K71B	16	OR	1661875C1	1661872C1	VEHICLE SPEED SENSOR (7600) (LOCATED ON TOP OF TRANSMISSION) (W/ PROSTAR)  CONNECTOR 3662425C1 BODY LOCK 3662518C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr> <td>A</td><td>K47</td><td>18</td><td>GY</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>A*</td><td>K47D1</td><td>18</td><td>GY</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>B*</td><td>K47E1</td><td>18</td><td>GY</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>B</td><td>K47A</td><td>18</td><td>GY</td><td>3554322C1</td><td>3554318C1</td></tr> </table> * W/MANUAL XMSN & W/ODOMETER SHUT-OFF				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K47	18	GY	3554322C1	3554318C1	A*	K47D1	18	GY	3554322C1	3554318C1	B*	K47E1	18	GY	3554322C1	3554318C1	B	K47A	18	GY	3554322C1	3554318C1
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B	K47A	18	GY	3554322C1	3554318C1																																																		
SPEED SENSOR (7600A) (LOCATED ON REAR OF TRANSMISSION) (W/ IBB & CAT ENGINE)  CONNECTOR 2036583C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> <tr> <td>A</td><td>K47</td><td>16</td><td>GY</td><td>2036586C1</td></tr> <tr> <td>B</td><td>K47A</td><td>16</td><td>GY</td><td>2036586C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	K47	16	GY	2036586C1	B	K47A	16	GY	2036586C1	ODOMETER SHUT-OFF RESISTOR (7616) (LOCATED ON TRANSMISSION HARNESS) (W/ IBB ENGINE)  CONNECTOR 3683465C1 BODY LOCK 3683466C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr> <td>A</td><td>K47D2</td><td>18</td><td>GY</td><td>3683464C1</td><td>3535424C1</td></tr> <tr> <td>B</td><td>K47E2</td><td>18</td><td>GY</td><td>3683464C1</td><td>3535424C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K47D2	18	GY	3683464C1	3535424C1	B	K47E2	18	GY	3683464C1	3535424C1															
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RELEASE NO.					DATE	PART NO.	SHEET																																																
59637L					08SEP06	AE08055906	091																																																

Figure 351 Connector Composites (7500W), (7600), (7600A), (7616)

14.123. CONNECTOR COMPOSITES (7617), (7700/7700L/7700K), (7802), (7905), P. 91A

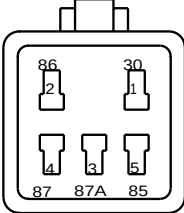
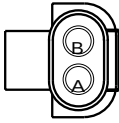
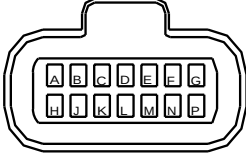
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ODOMETER SHUT OFF RELAY (7617) (LOCATED ON LEFT SIDE OF TRANSMISSION) (W/IBB ENGINE)  CONNECTOR 3512331C91 <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>1</td><td>K47D</td><td>18</td><td>GY</td><td>2039343C1</td><td>3517771C1</td></tr> <tr><td>2</td><td>K47TC</td><td>18</td><td>GY</td><td>2039343C1</td><td>3517771C1</td></tr> <tr><td>3</td><td>K47D1</td><td>18</td><td>GY</td><td>2039343C1</td><td>3517771C1</td></tr> <tr><td>4</td><td>K47D2</td><td>18</td><td>GY</td><td>2039343C1</td><td>3517771C1</td></tr> <tr><td>5</td><td>K97FC</td><td>18</td><td>GY</td><td>2039343C1</td><td>3517771C1</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K47D	18	GY	2039343C1	3517771C1	2	K47TC	18	GY	2039343C1	3517771C1	3	K47D1	18	GY	2039343C1	3517771C1	4	K47D2	18	GY	2039343C1	3517771C1	5	K97FC	18	GY	2039343C1	3517771C1	NEUTRAL SWITCH (7802) (LOCATED ON TOP OF TRANSMISSION)  CONNECTOR 3593684C91 #3540054C91 <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>K97J</td><td>18</td><td>VT</td><td>0587578C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>K97S</td><td>18</td><td>VT</td><td>0587578C1</td><td>1652325C1</td></tr> </tbody> </table> # W/ LONESTAR		CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K97J	18	VT	0587578C1	1652325C1	B	K97S	18	VT	0587578C1	1652325C1																																																																																				
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TRANSMISSION OIL TEMP SENSOR (7700 / **7700L / 7700K) (LOCATED ON UNDERSIDE OF TRANSMISSION)  CONNECTOR 3536864C1 <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>1</td><td>K31</td><td>18</td><td>TN</td><td>3536865C1</td><td>3536868C1</td></tr> <tr><td>1**</td><td>K31H</td><td>18</td><td>TN</td><td>3561584C1</td><td>3536868C1</td></tr> <tr><td>2&</td><td>K9AAD</td><td>18</td><td>GY</td><td>3536865C1</td><td>3536868C1</td></tr> <tr><td>2*</td><td>K9AA</td><td>16</td><td>GY</td><td>3561584C1</td><td>3536868C1</td></tr> <tr><td>2#</td><td>K9AC</td><td>18</td><td>GY</td><td>3561584C1</td><td>3536868C1</td></tr> <tr><td>2@</td><td>K9AAD</td><td>18</td><td>GY</td><td>3561584C1</td><td>3536868C1</td></tr> <tr><td>2**</td><td>K9AAD</td><td>18</td><td>GY</td><td>3561584C1</td><td>3536868C1</td></tr> </tbody> </table> & W/ ISX ENGINE * W/ IBB / CAT ENGINE N/ AC @ W/ IBB ENGINE W/ AC # W/ CAT ENGINE W/ AC ** W/ CAT ENGINE W/ FREEDOMLINE XMSN		CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K31	18	TN	3536865C1	3536868C1	1**	K31H	18	TN	3561584C1	3536868C1	2&	K9AAD	18	GY	3536865C1	3536868C1	2*	K9AA	16	GY	3561584C1	3536868C1	2#	K9AC	18	GY	3561584C1	3536868C1	2@	K9AAD	18	GY	3561584C1	3536868C1	2**	K9AAD	18	GY	3561584C1	3536868C1	SHIFTER CONNECTION (7905) (LOCATED ON SHIFTER MODULE)  CONNECTOR 3601746C1 <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>B</td><td>A92-G</td><td>16</td><td>WH</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>C</td><td>A92VA</td><td>16</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>D</td><td>A92UA</td><td>18</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>F</td><td>A5FA(+)</td><td>18</td><td>YL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>G</td><td>A5FA(-)</td><td>18</td><td>GN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>H</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>J</td><td>A62BE</td><td>18</td><td>DKBL</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>K</td><td>A92A</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>L</td><td>A92</td><td>18</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>M</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>N</td><td>A92A</td><td>18</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>P</td><td>A92B</td><td>18</td><td>TN</td><td>3535303C1</td><td>3535424C1</td></tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	PLUG	-	-	3535425C1	-	B	A92-G	16	WH	3535303C1	3535424C1	C	A92VA	16	TN	3535303C1	3535424C1	D	A92UA	18	TN	3535303C1	3535424C1	E	PLUG	-	-	3535425C1	-	F	A5FA(+)	18	YL	3535303C1	3535424C1	G	A5FA(-)	18	GN	3535303C1	3535424C1	H	PLUG	-	-	3535425C1	-	J	A62BE	18	DKBL	3535303C1	3535424C1	K	A92A	18	GY	3535303C1	3535424C1	L	A92	18	TN	3535303C1	3535424C1	M	PLUG	-	-	3535425C1	-	N	A92A	18	TN	3535303C1	3535424C1	P	A92B	18	TN	3535303C1	3535424C1
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Figure 352 Connector Composites (7617), (7700/7700L/7700K), (7802), (7905)

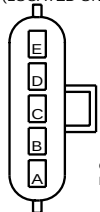
**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.124. CONNECTOR COMPOSITES (8000), (8001), (8001/8001F), P. 92

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14			
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**RIGHT HEADLIGHT T / S HARNESS CONNECTOR
(8000)**
(LOCATED ON UNDERSIDE OF HOOD BY HEADLIGHT MODULE - RIGHT SIDE)
(W/ PROSTAR)

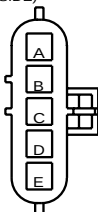


CONNECTOR 1661375C2
BODY LOCK 1661376C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	M52B	14	YL	2033816C1	0589391C1
B	M11-GB	14	WH	2033816C1	0589391C1
C	M53B	14	YL	2033816C1	0589391C1
D	M57AC	16	OR	2033819C1	1652325C1
E	M58B	16	BN	2033819C1	1652325C1

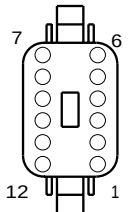
**CONNECTOR 0587579C1
*1677851C1
BODY LOCK 1677914C1**

(* W/ LONESTAR)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	C52B	14	YL	2033912C1	0589391C1
B	C11-GB	14	WH	2033912C1	0589391C1
C	C53B	14	YL	2033912C1	0589391C1
D	C57	16	OR	2033911C1	1652325C1
E	C58B	16	BN	2033911C1	1652325C1

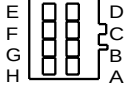
**12 WAY CONNECTION FOR T-RAIL
(8000)**
(LOCATED ON UNDER SIDE OF HOOD BY HEADLIGHT MODULE - LEFT SIDE)
(W/ LONESTAR)



CONNECTOR 3601924C1
BODY LOCK 3601925C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	M63HB	116	DKBL	1680205C1
2	M63-GB	16	WH	1680205C1
3	M63D	18	DKBL	1680205C1
4	M109S	18	GY	1680205C1
5	M109SA	18	GY	1680205C1
6	M63E	18	DKBL	1680205C1
7	M63EA	18	DKBL	1680205C1
8	M63U	18	DKBL	1680205C1
9	M63-GU	18	WH	1680205C1
10	M86MA	16	LTGN	1680205C1
11	M86-GJJ	16	WH	1680205C1
12	-	-	-	-

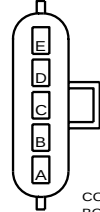
**8 WAY CONNECTION FOR T-RAIL
(8001)
(W/ LONESTAR)**



CONNECTOR 3515762C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	M76	18	BK	1661261C1
B	M76-G	18	WH	1661261C1
C	M65B	16	OR	1661261C1
D	M65-GE	16	WH	1661261C1
E	M63SB	18	DKBL	1661261C1
F	M63-GSD	18	WH	1661261C1
G	M58C	16	BK	1661261C1
H	M58-G	16	WH	1661261C1

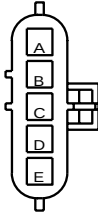
**LEFT HEADLIGHT T / S HARNESS CONNECTOR
(8001 / 8001F)**
(LOCATED ON UNDERSIDE OF HOOD BY HEADLIGHT MODULE - LEFT SIDE)
(W/ PROSTAR)



CONNECTOR 1661375C2
BODY LOCK 1661376C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	M52A	14	YL	2033816C1	0589391C1
B	M11-GA	14	WH	2033816C1	0589391C1
C	M53A	14	YL	2033816C1	0589391C1
D	M56AC	16	OR	2033819C1	1652325C1
E	M58A	16	BN	2033819C1	1652325C1

**CONNECTOR 1677851C1
BODY LOCK 1677914C1**



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	C52A	14	YL	2033912C1	0589391C1
B	C11-GA	14	WH	2033912C1	0589391C1
C	C53A	14	YL	2033912C1	0589391C1
D	C56	16	OR	2033911C1	1652325C1
E	C58A	16	BN	2033911C1	1652325C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					59637L	08SEP06

AE08055906 092

Figure 353 Connector Composites (8000), (8001), (8001/8001F)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.125. CONNECTOR COMPOSITES (8002), (8003), (8006R), (8006T), (8050), (8051), P. 93

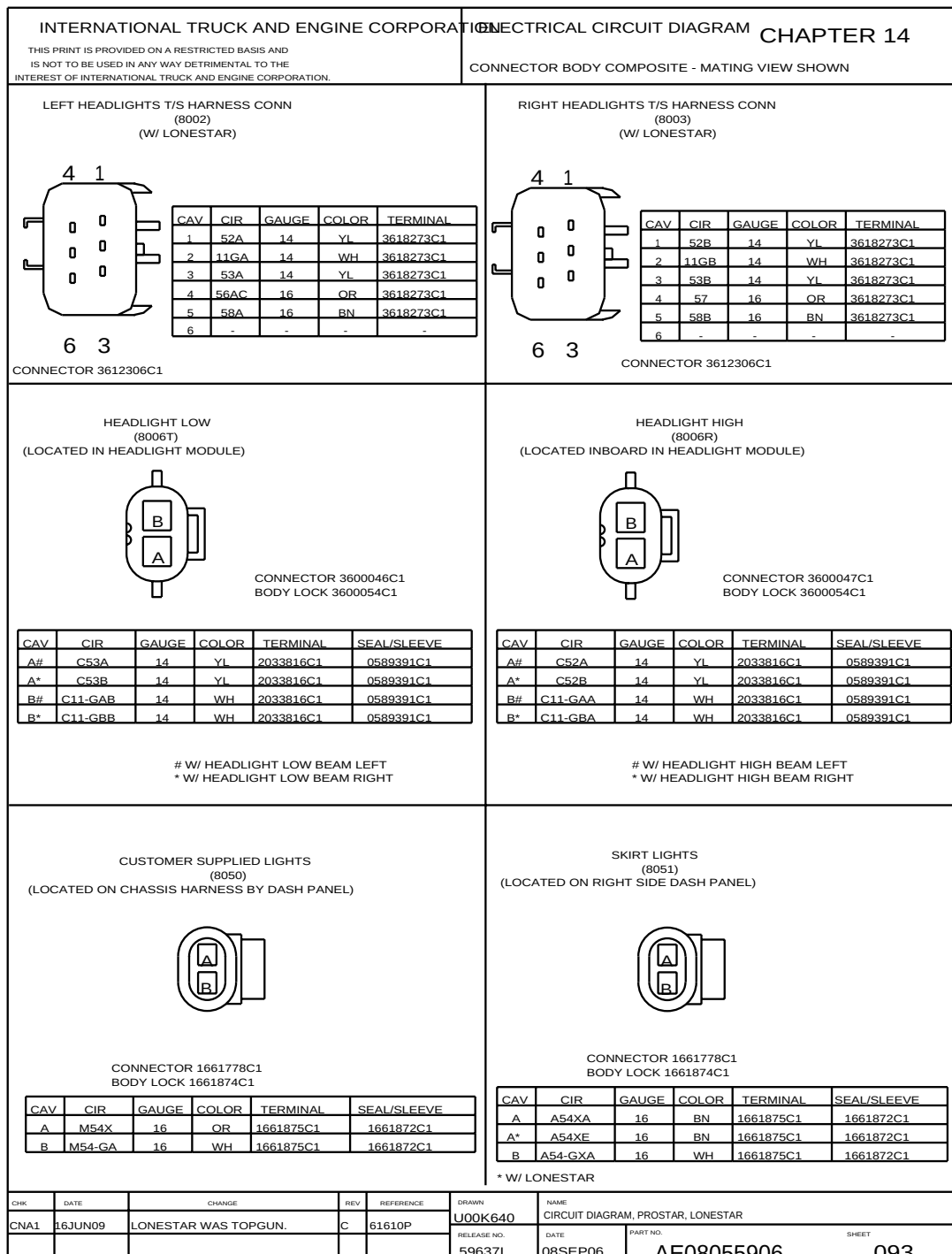


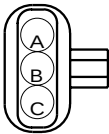
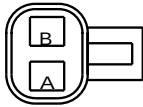
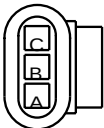
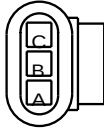
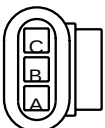
Figure 354 Connector Composites (8002), (8003), (8006R), (8006T), (8050), (8051)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

355

14.126. CONNECTOR COMPOSITES (8052), (8053), (8100), (8100A), (8100B), P. 93A

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN			

SKIRT LIGHTING (8052) (LOCATED ON RIGHT SIDE DASH PANEL)  CONNECTOR 1667740C1 BODY LOCK 1667771C1 <table border="1" style="width:100%; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>A54-GXD</td><td>16</td><td>WH</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>A57B</td><td>16</td><td>OR</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>A54XC</td><td>16</td><td>BN</td><td>1667742C1</td><td>1661872C1</td></tr> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A54-GXD	16	WH	1667742C1	1661872C1	B	A57B	16	OR	1667742C1	1661872C1	C	A54XC	16	BN	1667742C1	1661872C1	CUSTOMER SUPPLIES LIGHTS (8052) (W/ LONESTAR)  CONNECTOR 1671610C1 BODY LOCK 1671608C1 <table border="1" style="width:100%; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>M54XC</td><td>16</td><td>OR</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>M54-GE</td><td>16</td><td>VT</td><td>2033819C1</td><td>1652325C1</td></tr> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M54XC	16	OR	2033819C1	1652325C1	B	M54-GE	16	VT	2033819C1	1652325C1																								
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C	A54XC	16	BN	1667742C1	1661872C1																																																														
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B	M54-GE	16	VT	2033819C1	1652325C1																																																														
RIGHT TURN SIGNAL (8053) (LOCATED AT FORWARD END OF RIGHT FRAME RAIL)  CONNECTOR 1667741C1 BODY LOCK 1667771C1 <table border="1" style="width:100%; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>A54-GXE</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>A57A</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>A54XB</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A54-GXE	16	WH	1661875C1	1661872C1	B	A57A	16	OR	1661875C1	1661872C1	C	A54XB	16	BN	1661875C1	1661872C1	LEFT MODESTY TURN LAMP (8100) (LOCATED AT FRONT OF LEFT SIDE MODESTY PANEL)  CONNECTOR 1667741C1 BODY LOCK 1667771C1 <table border="1" style="width:100%; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>M11-GBB</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>A*</td><td>M54-GDD</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>M56AB</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B*</td><td>M56AF</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>M58AB</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C*</td><td>M54A</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> </table> * W/ LONESTAR	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M11-GBB	16	WH	1661875C1	1661872C1	A*	M54-GDD	16	WH	1661875C1	1661872C1	B	M56AB	16	OR	1661875C1	1661872C1	B*	M56AF	16	OR	1661875C1	1661872C1	C	M58AB	16	BN	1661875C1	1661872C1	C*	M54A	16	BN	1661875C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																														
A	A54-GXE	16	WH	1661875C1	1661872C1																																																														
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C*	M54A	16	BN	1661875C1	1661872C1																																																														
LEFT FORWARD MODESTY PANEL TURN LIGHT (8100A) (LOCATED AT FRONT OF LEFT SIDE MODESTY PANEL) (W/ PROSTAR)  CONNECTOR 1667741C1 BODY LOCK 1667771C1 <table border="1" style="width:100%; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>J11GBA</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>J56AA</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>J58AA</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	J11GBA	16	WH	1661875C1	1661872C1	B	J56AA	16	OR	1661875C1	1661872C1	C	J58AA	16	BN	1661875C1	1661872C1	LEFT REAR MODESTY PANEL TURN LIGHT W/ SLEEPER (8100B)(OPTIONAL) (LOCATED AT LEFT SIDE MODESTY PANEL) (W/ PROSTAR)  CONNECTOR 1667741C1 BODY LOCK 1667771C1 <table border="1" style="width:100%; font-size: x-small;"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> <tr><td>A</td><td>J11GBB</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>J56AB</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>J58AB</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	J11GBB	16	WH	1661875C1	1661872C1	B	J56AB	16	OR	1661875C1	1661872C1	C	J58AB	16	BN	1661875C1	1661872C1																		
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	INITIAL RELEASE	A	61254R	300749	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					61254R	29AUG08
					AE08055906	SHEET 93A

Figure 355 Connector Composites (8052), (8053), (8100), (8100A), (8100B)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.127. CONNECTOR COMPOSITES (8101), (8101A), (8101B), (8102), (8103), (8104), P. 94

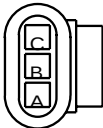
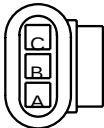
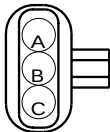
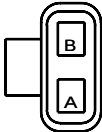
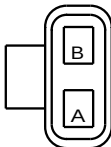
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																			
RIGHT MODESTY TURN LAMP (8101) (LOCATED AT FRONT OF RIGHT SIDE MODESTY PANEL) (W/ PROSTAR)  CONNECTOR 1667741C1 BODY LOCK 1667771C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M11-GBC</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M57AB</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>M58AC</td> <td>16</td> <td>BN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M11-GBC	16	WH	1661875C1	1661872C1	B	M57AB	16	OR	1661875C1	1661872C1	C	M58AC	16	BN	1661875C1	1661872C1	RIGHT FORWARD MODESTY PANEL TURN LIGHT (8101A) (LOCATED AT RIGHT SIDE MODESTY PANEL) (W/ PROSTAR)  CONNECTOR 1667741C1 BODY LOCK 1667771C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>J11GAA</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>J57AA</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>J58BA</td> <td>16</td> <td>BN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	J11GAA	16	WH	1661875C1	1661872C1	B	J57AA	16	OR	1661875C1	1661872C1	C	J58BA	16	BN	1661875C1	1661872C1
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RIGHT REAR MODESTY PANEL TURN LIGHT W/ SLEEPER (8101B)(OPTIONAL) (LOCATED AT RIGHT SIDE MODESTY PANEL) (W/ PROSTAR)  CONNECTOR 1667741C1 BODY LOCK 1667771C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>J11GAB</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>J57AB</td> <td>16</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>J58BB</td> <td>16</td> <td>BN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	J11GAB	16	WH	1661875C1	1661872C1	B	J57AB	16	OR	1661875C1	1661872C1	C	J58BB	16	BN	1661875C1	1661872C1	MODESTY LAMP / CUSTIMER SUPPLIED LIGHTS (8102) (LOCATED AT RIGHT SIDE MODESTY PANEL) (W/ LONESTAR)  CONNECTOR 1667740C1 BODY LOCK 1667771C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>J-GCC</td> <td>16</td> <td>WH</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>J56AD</td> <td>16</td> <td>OR</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>J54B</td> <td>16</td> <td>BN</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	J-GCC	16	WH	1667742C1	1661872C1	B	J56AD	16	OR	1667742C1	1661872C1	C	J54B	16	BN	1667742C1	1661872C1
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B	J56AD	16	OR	1667742C1	1661872C1																																																		
C	J54B	16	BN	1667742C1	1661872C1																																																		
TRANSMISSION FUSE (8103)  CONNECTOR 1667639C1 BODY LOCK 1675451C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K14A</td> <td>12</td> <td>RD</td> <td>1661708C1</td> </tr> <tr> <td>A#</td> <td>K14AF</td> <td>12</td> <td>RD</td> <td>1661708C1</td> </tr> <tr> <td>B</td> <td>K14D</td> <td>12</td> <td>RD</td> <td>1661708C1</td> </tr> <tr> <td>B#</td> <td>K14A</td> <td>12</td> <td>RD</td> <td>1661708C1</td> </tr> </tbody> </table> # W/ CAT ENGINE				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K14A	12	RD	1661708C1	A#	K14AF	12	RD	1661708C1	B	K14D	12	RD	1661708C1	B#	K14A	12	RD	1661708C1	XMSN ECU LS (8104) (MOUNTED ON TRANSMISSION) (W/ LONESTAR)  CONNECTOR 3552915C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K14A</td> <td>12</td> <td>RD</td> <td>1661708C1</td> </tr> <tr> <td>B</td> <td>K14D</td> <td>12</td> <td>RD</td> <td>1661708C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	A	K14A	12	RD	1661708C1	B	K14D	12	RD	1661708C1								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																			
A	K14A	12	RD	1661708C1																																																			
A#	K14AF	12	RD	1661708C1																																																			
B	K14D	12	RD	1661708C1																																																			
B#	K14A	12	RD	1661708C1																																																			
CAV	CIR	GAUGE	COLOR	TERMINAL																																																			
A	K14A	12	RD	1661708C1																																																			
B	K14D	12	RD	1661708C1																																																			
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																	
CNA1	14JAN09	ADDED LONESTAR EFFECT	D	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																	
					RELEASE NO.	DATE	PART NO.																																																
					59637L	08SEP06	AE08055906																																																
							SHEET 094																																																

Figure 356 Connector Composites (8101), (8101A), (8101B), (8102), (8103), (8104)

14.128. CONNECTOR COMPOSITES (8165), (8166), (8166T), (8200), (8201), (8203), P. 95

INTERNATIONAL TRUCK AND ENGINE CORPORATION

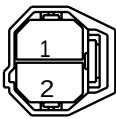
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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 14

CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN

MARKER LIGHT
(8165)
(LOCATED OUTBOARD IN HEADLIGHT MODULE)

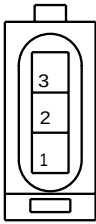


CONNECTOR 3591983C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1*	M58AA	16	BN	3590956C1	3591990C1
1#	M58BA	16	BN	3590956C1	3591990C1
2*	M11-GAD	16	WH	3590956C1	3591990C1
2#	M11-GBD	16	WH	3590956C1	3591990C1

* W/ LH HEAD LIGHT
W/ RH HEAD LIGHT

TURN / MARKER LIGHT
(8166)
(LOCATED IN HEADLIGHT MODULE RIGHT SIDE)

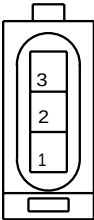


CONNECTOR 3600048C
*3625557C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	M11-GBC	16	WH	3600050C1	3600058C1
2	M58BB	16	BN	3600050C1	3600058C1
3	M57	16	OR	3600050C1	3600058C1

(* W/ LONESTAR)

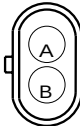
TURN / MARKER LIGHT
(8166T)
(LOCATED IN HEADLIGHT MODULE LEFT SIDE)
(W/ PROSTAR & LONESTAR)



CONNECTOR 3600048C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	M11-GAC	16	WH	3600050C1	3600058C1
2	M58AB	16	BN	3600050C1	3600058C1
3	M56	16	OR	3600050C1	3600058C1

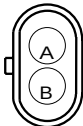
RIGHT FOG LIGHT
(8200)
(LOCATED AT FORWARD END OF RIGHT FRAME RAIL)
(W/ PROSTAR)



CONNECTOR 0587567C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	M64B	16	YL	0587577C1	1652325C1
B	M64-GB	16	WH	0587577C1	1652325C1

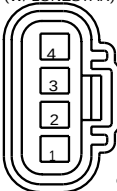
LEFT FOG LIGHT
(8201)
(LOCATED AT FORWARD END OF LEFT FRAME RAIL)
(W/ PROSTAR)



CONNECTOR 0587567C91

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	M64A	16	YL	0587577C1	1652325C1
B	M64-GA	16	WH	0587577C1	1652325C1

FOG LIGHT
(8203)
(LOCATED AT FORWARD END OF LEFT FRAME RAIL)
(W/ LONESTAR)



CONNECTOR 3824986C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	M64A	16	YL	3825461C1	3578677C1
2	M64-GA	16	WH	3825461C1	3578677C1
3	M64B	16	YL	3825461C1	3578677C1
4	M64-GB	16	WH	3825461C1	3578677C1

CH#

DATE

CHANGE

REV

REFERENCE

DRAWN

NAME

CNA1

14JAN09

ADDED LONESTAR EFFECT

A

61254R

U00K640

CIRCUIT DIAGRAM, PROSTAR, LONESTAR

RELEASE NO.

DATE

PART NO.

SHEET

59637L

08SEP06

A608055006

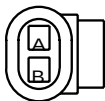
095

Figure 357 Connector Composites (8165), (8166), (8166T), (8200), (8201), (8203)

14.129. CONNECTOR COMPOSITES (8303), (8310), (8311), (8312), P. 96

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN			

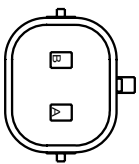
ELECTRIC HORN
(8303)
(LOCATED ON LEFT FRAME RAIL UNDER ENGINE CROSSMEMBER)
(W/ PROSTAR & LONESTAR)



CONNECTOR 1661778C1
BODY LOCK 1661874C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	M85	16	GY	1661875C1	1661872C1
B	M85-GA	16	WH	1661875C1	1661872C1

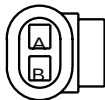
DUAL ELECTRIC HORNS
(8310)
(LOCATED ON LEFT FRAME RAIL UNDER ENGINE CROSSMEMBER)
(W/ PROSTAR)



CONNECTOR 3543888C1
BODY LOCK 1661874C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	M85J	16	GY	1667742C1	1661872C1
B	M85-GC	16	WH	1667742C1	1661872C1

ELECTRIC HORN # 1
(8311)
(LOCATED UNDER ENGINE CROSSMEMBER)
(W/ PROSTAR)

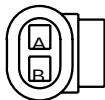


CONNECTOR 1661778C1
BODY LOCK 1661874C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A*	M85J	16	GY	1661875C1	1661872C1
A**	M85K	16	GY	1661875C1	1661872C1
B*	M85-GC	16	WH	1661875C1	1661872C1
B**	M85-GD	16	WH	1661875C1	1661872C1

* W/ SINGLE HORN
** W/ DUAL HORN

ELECTRIC HORN # 2
(8312)
(LOCATED UNDER ENGINE CROSSMEMBER)
(W/ PROSTAR)



CONNECTOR 1661778C1
BODY LOCK 1661874C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	M85L	16	GY	1661875C1	1661872C1
B	M85-GF	16	WH	1661875C1	1661872C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	20JAN09	TITLE WAS CIRCUIT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
		DIAGRAM, PROSTAR			59637L	08SEP06

AE08055906

096

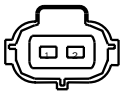
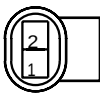
Figure 358 Connector Composites (8303), (8310), (8311), (8312)

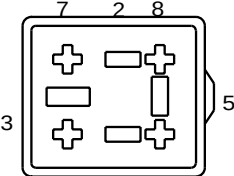
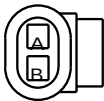
**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

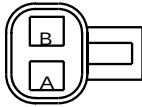
359

14.130. CONNECTOR COMPOSITES (8350), (8351), (8352), (8410), (8450), P. 97

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN			

WASHER PUMP (8350) (LOCATED UNDER HOOD ON RIGHT FRAME RAIL) (W/ PROSTAR)  CONNECTOR 3536864C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M87C</td> <td>16</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> <tr> <td>2</td> <td>M87D</td> <td>16</td> <td>GY</td> <td>3536865C1</td> <td>3536868C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	M87C	16	GY	3536865C1	3536868C1	2	M87D	16	GY	3536865C1	3536868C1	WASHER FLUID LEVEL SENSOR (8351) (LOCATED UNDER HOOD ON RIGHT FRAME RAIL)  CONNECTOR 3554317C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M87A</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>2</td> <td>M9BB</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	M87A	18	GY	3554322C1	3554318C1	2	M9BB	18	GY	3554322C1	3554318C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
1	M87C	16	GY	3536865C1	3536868C1																																
2	M87D	16	GY	3536865C1	3536868C1																																
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
1	M87A	18	GY	3554322C1	3554318C1																																
2	M9BB	18	GY	3554322C1	3554318C1																																

COLD START ASSIST RELAY (8410) (W/ IBB ENGINE)  CONNECTOR 3664985C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K21A1</td> <td>12</td> <td>TN</td> <td>3664983C1</td> <td>3664987C1</td> </tr> <tr> <td>2</td> <td>K21A2</td> <td>12</td> <td>TN</td> <td>3664983C1</td> <td>3664987C1</td> </tr> <tr> <td>3</td> <td>K14A1</td> <td>8</td> <td>RD</td> <td>3664982C1</td> <td>3664986C1</td> </tr> <tr> <td>5</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3664989C1</td> <td>-</td> </tr> <tr> <td>6</td> <td>K21B1</td> <td>18</td> <td>TN</td> <td>3664984C1</td> <td>3664988C1</td> </tr> <tr> <td>7</td> <td>K21B2</td> <td>18</td> <td>TN</td> <td>3664984C1</td> <td>3664988C1</td> </tr> <tr> <td>8</td> <td>K21B3</td> <td>18</td> <td>TN</td> <td>3664984C1</td> <td>3664988C1</td> </tr> <tr> <td>9</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>3664989C1</td> <td>-</td> </tr> </tbody> </table>	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K21A1	12	TN	3664983C1	3664987C1	2	K21A2	12	TN	3664983C1	3664987C1	3	K14A1	8	RD	3664982C1	3664986C1	5	PLUG	-	-	3664989C1	-	6	K21B1	18	TN	3664984C1	3664988C1	7	K21B2	18	TN	3664984C1	3664988C1	8	K21B3	18	TN	3664984C1	3664988C1	9	PLUG	-	-	3664989C1	-	WASHER PUMP (8352) (LOCATED UNDER HOOD ON RIGHT FRAME RAIL) (W/ LONESTAR)  CONNECTOR 3522068C1 BODY LOCK 1661874C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M87C</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M87D</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M87C	16	GY	1661875C1	1661872C1	B	M87D	16	GY	1661875C1	1661872C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																				
1	K21A1	12	TN	3664983C1	3664987C1																																																																				
2	K21A2	12	TN	3664983C1	3664987C1																																																																				
3	K14A1	8	RD	3664982C1	3664986C1																																																																				
5	PLUG	-	-	3664989C1	-																																																																				
6	K21B1	18	TN	3664984C1	3664988C1																																																																				
7	K21B2	18	TN	3664984C1	3664988C1																																																																				
8	K21B3	18	TN	3664984C1	3664988C1																																																																				
9	PLUG	-	-	3664989C1	-																																																																				
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																				
A	M87C	16	GY	1661875C1	1661872C1																																																																				
B	M87D	16	GY	1661875C1	1661872C1																																																																				

HOOD SWITCH (8450) (LOCATED ON UNDERSIDE OF HOOD)  CONNECTOR 1671610C1 BODY LOCK 1671608C1	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M97H</td> <td>18</td> <td>VT</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M97J</td> <td>18</td> <td>VT</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M97H	18	VT	2033819C1	1652325C1	B	M97J	18	VT	2033819C1	1652325C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE														
A	M97H	18	VT	2033819C1	1652325C1														
B	M97J	18	VT	2033819C1	1652325C1														

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	20JAN09	ADDED LONESTAR EFFECT	C	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					RELEASE NO. 59637L	DATE 08SEP06
						PART NO. AE08055906
						SHEET 097

Figure 359 Connector Composites (8350), (8351), (8352), (8410), (8450)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.131. CONNECTOR COMPOSITES (8450A), (8450B), (8451), (8453), (8454), (8455), (8456), (8500), P. 98

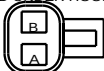
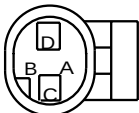
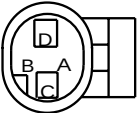
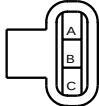
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																
INTERCONNECT TO FORWARD HARNESS (8450A) (LOCATED ON UNDERSIDE OF HOOD - LEFT FRONT)  CONNECTOR 1671611C1 BODY LOCK 1671608C1 <table border="1" style="margin-left: auto; margin-right: auto; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M97H</td> <td>18</td> <td>VT</td> <td>2033911C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M97J</td> <td>18</td> <td>VT</td> <td>2033911C1</td> <td>1652325C1</td> </tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M97H	18	VT	2033911C1	1652325C1	B	M97J	18	VT	2033911C1	1652325C1																											
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ICON HOOD SWITCH (8450B) (LOCATED UNDER HOOD ON LEFT SIDE SPLASH PANEL)  CONNECTOR 1671610C1 BODY LOCK 1671608C1 <table border="1" style="margin-left: auto; margin-right: auto; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M97H</td> <td>18</td> <td>VT</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M97J</td> <td>18</td> <td>VT</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M97H	18	VT	2033819C1	1652325C1	B	M97J	18	VT	2033819C1	1652325C1																											
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ICON TEMP SENDER (8451) (LOCATED ON FRONT OF FRAME - LEFT SIDE)  CONNECTOR 3518182C1 BODY LOCK 3518184C1 <table border="1" style="margin-left: auto; margin-right: auto; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M97K</td> <td>18</td> <td>VT</td> <td>3518963C1</td> </tr> <tr> <td>2</td> <td>M97L</td> <td>18</td> <td>VT</td> <td>3518963C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	M97K	18	VT	3518963C1	2	M97L	18	VT	3518963C1	PARK BRAKE SWITCH (8453) (LOCATED UNDER HOOD - LEFT SIDE BY DASH PANEL)  CONNECTOR 1661777C1 BODY LOCK 1661873C1 <table border="1" style="margin-left: auto; margin-right: auto; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>M97R</td> <td>18</td> <td>VT</td> <td>3594831C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>M97M</td> <td>18</td> <td>VT</td> <td>3594831C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	M97R	18	VT	3594831C1	1661872C1	D	M97M	18	VT	3594831C1	1661872C1
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PARK BRAKE PRESSURE SWITCH (8454) (LOCATED UNDER HOOD - LEFT SIDE BY DASH PANEL)  CONNECTOR 1661777C1 BODY LOCK 1661873C1 <table border="1" style="margin-left: auto; margin-right: auto; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>M72EA</td> <td>16</td> <td>OR</td> <td>3594831C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>M72EB</td> <td>16</td> <td>OR</td> <td>3594831C1</td> <td>1661872C1</td> </tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	M72EA	16	OR	3594831C1	1661872C1	D	M72EB	16	OR	3594831C1	1661872C1	IDLE CONTROL TEMP SENDER (8455) (LOCATED AT FRONT OF LEFT FRAME RAIL)  CONNECTOR 3518182C1 BODY LOCK 3518184C1 <table border="1" style="margin-left: auto; margin-right: auto; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M41-G</td> <td>16</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>2</td> <td>M41A</td> <td>16</td> <td>TN</td> <td>3518963C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	M41-G	16	TN	3518963C1	2	M41A	16	TN	3518963C1
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IDLE CONTROL TEMP SENDER (8456)  CONNECTOR 3518182C1 BODY LOCK 3518184C1 <table border="1" style="margin-left: auto; margin-right: auto; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M41-G</td> <td>16</td> <td>TN</td> <td>3518963C1</td> </tr> <tr> <td>2</td> <td>M41A</td> <td>16</td> <td>TN</td> <td>3518963C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	M41-G	16	TN	3518963C1	2	M41A	16	TN	3518963C1	BENDIX LEFT ABS MODULATOR (8500) (LOCATED ON LEFT FRAME RAIL BY FRONT AXLE)  CONNECTOR 1666834C1 BODY LOCK 1664408C1 <table border="1" style="margin-left: auto; margin-right: auto; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M94</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M94A</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>M94B</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M94	18	GY	2033819C1	1652325C1	B	M94A	18	GY	2033819C1	1652325C1	C	M94B	18	GY	2033819C1	1652325C1						
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Figure 360 Connector Composites (8450A), (8450B), (8451), (8453), (8454), (8455), (8456), (8500)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.132. CONNECTOR COMPOSITES (8501), (8502), (8503), (8504), P. 99

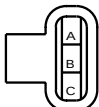
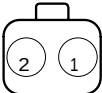
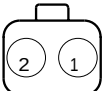
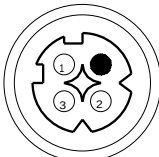
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																												
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BENDIX LEFT AIR ABS SPEED SENSOR (8502) (LOCATED ON LEFT FRAME RAIL BY FRONT AXLE)  CONNECTOR 1684261C1 BODY LOCK 1684263C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94C</td> <td>18</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>M94D</td> <td>18</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	1	M94C	18	GY	1680205C1	2	M94D	18	GY	1680205C1																											
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WABCO LEFT ABS MODULATOR (8504) (LOCATED ON LEFT FRAME RAIL BY FRONT AXLE)  CONNECTOR 3667691C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94M</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94MA</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>M94MB</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	1	M94M	18	GY	ASSY	2	M94MA	18	GY	ASSY	3	M94MB	18	GY	ASSY																						
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Figure 361 Connector Composites (8501), (8502), (8503), (8504)

14.133. CONNECTOR COMPOSITES (8505), (8506), (8507), (8550), P. 100

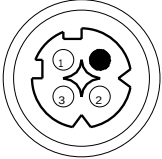
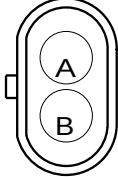
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WABCO LEFT ABS SPEED SENSOR (8506) (LOCATED ON LEFT FRAME RAIL BY FRONT AXLE)  CONNECTOR 3519878C1 <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>M94MC</td><td>18</td><td>GY</td><td>ASSY</td></tr><tr><td>2</td><td>M94MD</td><td>18</td><td>GY</td><td>ASSY</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	M94MC	18	GY	ASSY	2	M94MD	18	GY	ASSY					
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2	M94MD	18	GY	ASSY																					
WABCO RIGHT ABS SPEED SENSOR (8507) (LOCATED ON RIGHT FRAME RAIL BY FRONT AXLE)  CONNECTOR 3526351C1 <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>1</td><td>M94ME</td><td>18</td><td>GY</td><td>ASSY</td></tr><tr><td>2</td><td>M94MF</td><td>18</td><td>GY</td><td>ASSY</td></tr></tbody></table>						CAV	CIR	GAUGE	COLOR	TERMINAL	1	M94ME	18	GY	ASSY	2	M94MF	18	GY	ASSY					
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FUEL HEATER (8550) (LOCATED ON LEFT FRAME RAIL ON FUEL FILTER)  CONNECTOR 0587567C91 #CONNECTOR 3824963C91 <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>M19</td><td>14</td><td>GY</td><td>0587577C1</td><td>0589391C1</td></tr><tr><td>B</td><td>M19-GA</td><td>14</td><td>WH</td><td>0587577C1</td><td>0589391C1</td></tr></tbody></table> # W/ LONESTAR						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M19	14	GY	0587577C1	0589391C1	B	M19-GA	14	WH	0587577C1	0589391C1		
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																				
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B	M19-GA	14	WH	0587577C1	0589391C1																				
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						PART NO.																			
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						100																			

Figure 362 Connector Composites (8505), (8506), (8507), (8550)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.134. CONNECTOR COMPOSITES (8601), (8750), (8800), (8802), P. 101

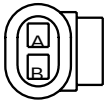
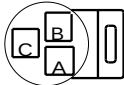
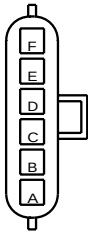
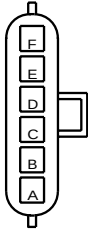
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																											
HVAC TEMP SENDER (8601) (LOCATED AT FRONT OF LEFT FRAME RAIL)  CONNECTOR 3522068C1 BODY LOCK 1661874C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M41</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M109A</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B*</td> <td>M109AA</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> * W/ FRONT LOAD INDICATOR						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M41	18	GY	1661875C1	1661872C1	B	M109A	18	GY	1661875C1	1661872C1	B*	M109AA	18	GY	1661875C1	1661872C1																		
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	M41	18	GY	1661875C1	1661872C1																																										
B	M109A	18	GY	1661875C1	1661872C1																																										
B*	M109AA	18	GY	1661875C1	1661872C1																																										
FRONT LOAD INDICATOR (8750) (LOCATED AT FRONT LEFT SUSPENSION AIR BAG)  CONNECTOR 1678137C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M109AB</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>M106A</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>M61</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	M109AB	18	GY	1651943C1	B	M106A	18	GY	1651943C1	C	M61	18	GY	1651943C1																						
CAV	CIR	GAUGE	COLOR	TERMINAL																																											
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B	M106A	18	GY	1651943C1																																											
C	M61	18	GY	1651943C1																																											
GROUND SPLICE PACK # 1 (8800) (LOCATED ON LEFT FRAME RAIL BY ENGINE CROSSMEMBER)  CONNECTOR 3551896C1 BODY LOCK 3551897C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M11-GD</td> <td>12</td> <td>WH</td> <td>2033816C1</td> <td>0589390C1</td> </tr> <tr> <td>B</td> <td>M64-GA</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>M64-GB</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>M19-GA</td> <td>14</td> <td>WH</td> <td>2033816C1</td> <td>0589391C1</td> </tr> <tr> <td>E</td> <td>M54-GA</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>F</td> <td>M85-GA</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M11-GD	12	WH	2033816C1	0589390C1	B	M64-GA	16	WH	2033819C1	1652325C1	C	M64-GB	16	WH	2033819C1	1652325C1	D	M19-GA	14	WH	2033816C1	0589391C1	E	M54-GA	16	WH	2033819C1	1652325C1	F	M85-GA	16	WH	2033819C1	1652325C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	M11-GD	12	WH	2033816C1	0589390C1																																										
B	M64-GA	16	WH	2033819C1	1652325C1																																										
C	M64-GB	16	WH	2033819C1	1652325C1																																										
D	M19-GA	14	WH	2033816C1	0589391C1																																										
E	M54-GA	16	WH	2033819C1	1652325C1																																										
F	M85-GA	16	WH	2033819C1	1652325C1																																										
ELECTRONIC GND SPLICE PACK (8802) (LOCATED ON LEFT FRAME RAIL UNDER CAB)  CONNECTOR 3551896C1 BODY LOCK 3551897C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N9BC</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N9BD</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N9BE</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>N9BF</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>E</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0587579C1</td> <td>-</td> </tr> <tr> <td>F</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0587579C1</td> <td>-</td> </tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N9BC	18	GY	2033819C1	1652325C1	B	N9BD	18	GY	2033819C1	1652325C1	C	N9BE	18	GY	2033819C1	1652325C1	D	N9BF	18	GY	2033819C1	1652325C1	E	PLUG	-	-	0587579C1	-	F	PLUG	-	-	0587579C1	-
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	N9BC	18	GY	2033819C1	1652325C1																																										
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C	N9BE	18	GY	2033819C1	1652325C1																																										
D	N9BF	18	GY	2033819C1	1652325C1																																										
E	PLUG	-	-	0587579C1	-																																										
F	PLUG	-	-	0587579C1	-																																										
<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>CNA1</td> <td>14JAN09</td> <td>TITLE WAS CIRCUIT</td> <td>A</td> <td>61254R</td> <td>U00K640</td> <td>CIRCUIT DIAGRAM, PROSTAR, LONESTAR</td> </tr> <tr> <td></td> <td></td> <td>DIAGRAM, PROSTAR</td> <td></td> <td></td> <td>59637L</td> <td></td> </tr> </table>						CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA1	14JAN09	TITLE WAS CIRCUIT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR			DIAGRAM, PROSTAR			59637L																						
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DATE: 11SEP06 PART NO: AE08055906 SHEET: 101																																															

Figure 363 Connector Composites (8601), (8750), (8800), (8802)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.135. CONNECTOR COMPOSITES (8803), (8804), (8805), (8806), P. 102

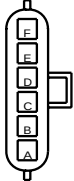
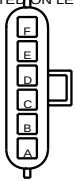
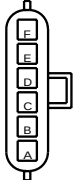
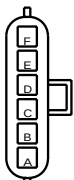
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B	N10-G	12	WH	2033816C1	0589391C1																																										
C	N59-GB	16	WH	2033819C1	1652325C1																																										
D	N37-G	18	WH	2033819C1	1652325C1																																										
E	N39-G	16	WH	2033819C1	1652325C1																																										
F	N11-GJ	16	WH	2033819C1	1652325C1																																										
CHASSIS GND ADAPTER (8804) (LOCATED ON LEFT FRAME RAIL UNDER CAB)  CONNECTOR 3551896C1 BODY LOCK 3551897C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>N11-GB</td><td>10</td><td>WH</td><td>1687847C1</td><td>0589390C1</td></tr> <tr><td>B</td><td>N59-G</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C</td><td>N59-GA</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D</td><td>N49-G</td><td>18</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>N65-G</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>F</td><td>N65-GA</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N11-GB	10	WH	1687847C1	0589390C1	B	N59-G	14	WH	2033816C1	0589391C1	C	N59-GA	14	WH	2033816C1	0589391C1	D	N49-G	18	WH	2033819C1	1652325C1	E	N65-G	16	WH	2033819C1	1652325C1	F	N65-GA	14	WH	2033816C1	0589391C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
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B	N59-G	14	WH	2033816C1	0589391C1																																										
C	N59-GA	14	WH	2033816C1	0589391C1																																										
D	N49-G	18	WH	2033819C1	1652325C1																																										
E	N65-G	16	WH	2033819C1	1652325C1																																										
F	N65-GA	14	WH	2033816C1	0589391C1																																										
ELECTRONIC GROUND ADAPTER (8805) (LOCATED ON CENTRE CHASSIS HARNESS, BOTTOM OF DASH PANEL)  CONNECTOR 3551896C1 BODY LOCK 3551897C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>N110Z</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>N108ZA</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>N108ZB</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>N108Z</td><td>16</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N110Z	16	TN	2033819C1	1652325C1	B	N108ZA	16	TN	2033819C1	1652325C1	C	N108ZB	16	TN	2033819C1	1652325C1	D	N108Z	16	TN	2033819C1	1652325C1	E	PLUG	-	-	0587579C1	-	F	PLUG	-	-	0587579C1	-
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	N110Z	16	TN	2033819C1	1652325C1																																										
B	N108ZA	16	TN	2033819C1	1652325C1																																										
C	N108ZB	16	TN	2033819C1	1652325C1																																										
D	N108Z	16	TN	2033819C1	1652325C1																																										
E	PLUG	-	-	0587579C1	-																																										
F	PLUG	-	-	0587579C1	-																																										
CHASSIS GROUND ADAPTER (8806) (LOCATED ON LEFT FRAME RAIL BY AIR DRYER)  CONNECTOR 3551896C1 BODY LOCK 3551897C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>N107-GB</td><td>18</td><td>TN</td><td>2033819C1</td><td>3517771C1</td></tr> <tr><td>B</td><td>N107-GA</td><td>18</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>N107-GC</td><td>18</td><td>TN</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>D</td><td>N11-GU</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>E</td><td>N11-GJ</td><td>16</td><td>WH</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> </tbody> </table>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N107-GB	18	TN	2033819C1	3517771C1	B	N107-GA	18	TN	2033819C1	1652325C1	C	N107-GC	18	TN	2033819C1	1652325C1	D	N11-GU	16	WH	2033819C1	1652325C1	E	N11-GJ	16	WH	2033819C1	1652325C1	F	PLUG	-	-	0587579C1	-
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																										
A	N107-GB	18	TN	2033819C1	3517771C1																																										
B	N107-GA	18	TN	2033819C1	1652325C1																																										
C	N107-GC	18	TN	2033819C1	1652325C1																																										
D	N11-GU	16	WH	2033819C1	1652325C1																																										
E	N11-GJ	16	WH	2033819C1	1652325C1																																										
F	PLUG	-	-	0587579C1	-																																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																									
CNA1	14JAN09	TITLE WAS CIRCUIT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																									
		DIAGRAM, PROSTAR			59637L	11SEP06																																									
					RELEASE NO.	PART NO.																																									
					AE08055906	102																																									

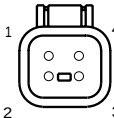
Figure 364 Connector Composites (8803), (8804), (8805), (8806)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.136. CONNECTOR COMPOSITES (8900), (8901), (8902), (8950), (8951), P. 103

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EATON VORAD ANTENNA ASSEMBLY (8900)
(LOCATED CENTER OF BUMPER SUPPORT BRACKET)
(W/ PROSTAR)

CONNECTOR 3545577C1
BODY LOCK 3545579C1

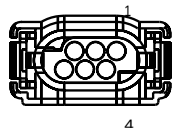
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2	M67C	16	GY	1651969C1
3	M67D	16	GY	1651969C1
4	M67E	16	GY	1651969C1



EATON VORAD VS - 400 (8901)
(LOCATED CENTER OF BUMPER SUPPORT BRACKET)

CONNECTOR 3673402C1

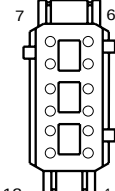
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	PLUG	-	-	3577744C1	-
2	PLUG	-	-	3577744C1	-
3	PLUG	-	-	3577744C1	-
4	M5UE(+)	18	YL	3673404C1	3573653C1
5	M5UE(-)	18	GN	3673404C1	3573653C1
6	PLUG	-	-	3577744C1	-
7	PLUG	-	-	3577744C1	-
8	PLUG	-	-	3577744C1	-
9	M67-GY	18	WH	3673404C1	3573653C1
10	M67Y	18	PK	3673404C1	3573653C1



WABCO ONGUARD (8902)
(LOCATED CENTER OF BUMPER SUPPORT BRACKET)

CONNECTOR 3702847C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
1	M67CA	20	PK	3702881C1	3600327C1
2	PLUG			3600328C1	-
3	PLUG			3600328C1	-
4	M5UE(+)	20	YL	3702881C1	3600327C1
5	M5UE(-)	20	GN	3702881C1	3600327C1
6	M67Y-GA	20	WH	3702881C1	3600327C1

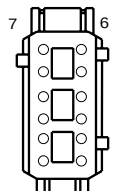


VEHICLE SENSOR MOD CONNECTOR 1 (8950)
(LOCATED ON CAB SUPPORT CROSSMEMBER (DAY CAB) OR UNDER CAB CROSSMEMBER (SLEEPER))

CONNECTOR 3553404C1
BODY LOCK 3553460C1

* W/ VORAD VS-400 (TG)
** w/ FUEL FILTER SENSOR (TG)

CAV	CIR	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	3527276C1
2	PLUG	-	-	3527276C1
3	PLUG	-	-	3527276C1
4	PLUG	-	-	3527276C1
5	N5UA(+)	18	YL	3518963C1
5*	N5UD(+)	18	YL	3518963C1
6	N5UA(-)	18	GN	3518963C1
6*	N5UD(-)	18	GN	3518963C1
7	N11-GU	16	WH	3518963C1
8	N14U	16	RD	3518963C1
9**	N12UB	16	PK	3518963C1
9	N12U	16	PK	3518963C1
10	N108Z	16	TN	3518963C1
11	N108V	16	TN	3518963C1
12	N110B	18	TN	3518963C1



VEHICLE SENSOR MOD CONNECTOR 1 (8951)
(LOCATED ON CAB SUPPORT CROSSMEMBER (DAY CAB) OR UNDER CAB CROSSMEMBER (SLEEPER))

CONNECTOR 3586750C1
BODY LOCK 3553460C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	N107C	18	TN	3518963C1
2	N107B	18	TN	3518963C1
3	N107A	18	TN	3518963C1
4	PLUG	-	-	3527276C1
5	N108A	18	TN	3518963C1
6	N108B	18	TN	3518963C1
7	N108C	18	TN	3518963C1
8	N108D	18	TN	3518963C1
9	N108E	18	TN	3518963C1
10	N108F	18	TN	3518963C1
11	PLUG	-	-	3527276C1
12	PLUG	-	-	3527276C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	07OCT09	W484//ADDED CONN 8902.	C	62556A	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					59637L	

DATE	PART NO.	SHEET
11SEP06	AE08055906	103

Figure 365 Connector Composites (8900), (8901), (8902), (8950), (8951)

14.137. CONNECTOR COMPOSITES (8952), (8953/8954M/8953F), P. 104

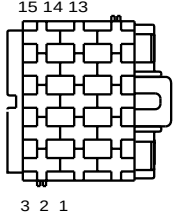
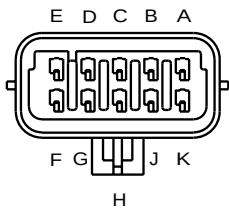
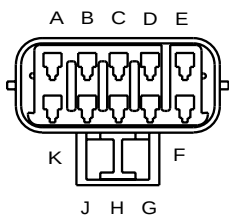
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																																																					
TIRE PRESSURE MONITORING SYSTEM (TPMS) CONTROLLER (8952) (LOCATED ON MODULE BRACKET (IN CAM)) (W/ PROSTAR)  BODY LOCK 3596928C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>D22-G</td><td>18</td><td>WH</td><td>3598072C1</td></tr> <tr><td>2</td><td>D22E</td><td>18</td><td>TN</td><td>3598072C1</td></tr> <tr><td>3</td><td>D22D</td><td>18</td><td>TN</td><td>3598072C1</td></tr> <tr><td>4</td><td>D22C</td><td>18</td><td>TN</td><td>3598072C1</td></tr> <tr><td>5</td><td>D22B</td><td>18</td><td>TN</td><td>3598072C1</td></tr> <tr><td>6</td><td>D22A</td><td>18</td><td>TN</td><td>3598072C1</td></tr> <tr><td>7</td><td>D22VC</td><td>18</td><td>TN</td><td>3598072C1</td></tr> <tr><td>8</td><td>D22VB</td><td>18</td><td>TN</td><td>3598072C1</td></tr> <tr><td>9</td><td>D22VA</td><td>18</td><td>TN</td><td>3598072C1</td></tr> <tr><td>10</td><td>D22ZA</td><td>18</td><td>TN</td><td>3598072C1</td></tr> <tr><td>11</td><td>D22ZB</td><td>18</td><td>TN</td><td>3598072C1</td></tr> <tr><td>12</td><td>D22ZC</td><td>18</td><td>TN</td><td>3598072C1</td></tr> <tr><td>13</td><td>D5 (+)</td><td>18</td><td>GN</td><td>3598072C1</td></tr> <tr><td>14</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>15</td><td>D5 (-)</td><td>18</td><td>YL</td><td>3598072C1</td></tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	D22-G	18	WH	3598072C1	2	D22E	18	TN	3598072C1	3	D22D	18	TN	3598072C1	4	D22C	18	TN	3598072C1	5	D22B	18	TN	3598072C1	6	D22A	18	TN	3598072C1	7	D22VC	18	TN	3598072C1	8	D22VB	18	TN	3598072C1	9	D22VA	18	TN	3598072C1	10	D22ZA	18	TN	3598072C1	11	D22ZB	18	TN	3598072C1	12	D22ZC	18	TN	3598072C1	13	D5 (+)	18	GN	3598072C1	14	-	-	-	-	15	D5 (-)	18	YL	3598072C1																																																				
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FORWARD / CENTER PROGNOSTICS & DIAGNOSTICS (8953 / #8954M / #8953F) (LOCATED ON LEFT SIDE DASH PANEL)  CONNECTOR 3538635C1 BODY LOCK 3538636C1 A B C D E K J H G F  CONNECTOR 3538635C1 BODY LOCK 3538636C1																																																																																																																																							
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# W/ LONESTAR																																																																																																																																							
<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRAWN</th><th>NAME</th></tr> <tr> <td>CNA1</td><td>14JAN09</td><td>ADDED LONESTAR EFFECT</td><td>B</td><td>61254R</td><td>U00K640</td><td>CIRCUIT DIAGRAM, PROSTAR, LONESTAR</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>RELEASE NO. 59637L</td><td>DATE 11SEP06 PART NO. AE08055906 SHEET 104</td></tr> </table>				CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA1	14JAN09	ADDED LONESTAR EFFECT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR						RELEASE NO. 59637L	DATE 11SEP06 PART NO. AE08055906 SHEET 104																																																																																																															
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Figure 366 Connector Composites (8952), (8953/8954M/8953F)

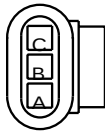
**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.138. CONNECTOR COMPOSITES (8954), (8954M), (8960), (8961), (8962), P. 105

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN			

J1939 TERMINATING RESISTOR CONNECTOR
(8954)
(LOCATED ON LEFT FRAME RAIL UNDER CAB)

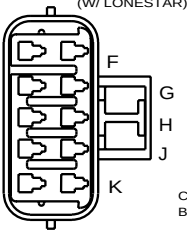


CONNECTOR 1667741C1
BODY LOCK 1667771C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A*	P5UB(+)	18	YL	1661875C1	3568570C1
A	P5U(+)	18	YL	1661875C1	3568570C1
A#	P5UC(+)	18	YL	1661875C1	3568570C1
B	PLUG	-	-	2025431C1	-
C*	P5UB(-)	18	GN	1661875C1	3568570C1
C	P5U(-)	18	GN	1661875C1	3568570C1
C#	P5UC(-)	18	GN	1661875C1	3568870C1

* W/ PROGNOSTICS & DIAGNOSTICS COMMON WIRING
W/ LONESTAR

PROGNOSTIC AND DIAGNOSTIC-TG
(8954M)
(W/ LONESTAR)



CONNECTOR 3538635C1
BODY LOCK 3538636C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	P108A	18	TN	1661875C1	1661875C1
B	P108VA	16	TN	1661875C1	1661875C1
C	P108B	18	TN	1661875C1	1661875C1
D	P110V	16	TN	1661875C1	1661875C1
E	-	-	-	-	-
F	P110B	18	TN	1661875C1	1661875C1
G	P107A	18	TN	1661875C1	1661875C1
H	P107-GA	18	TN	1661875C1	1661875C1
I	-	-	-	-	-
J	P108ZA	16	TN	1661875C1	1661875C1
K	P110Z	16	TN	1661875C1	1661875C1

FRONT LEFT BRAKE WEAR SENSOR
(8960)
(LOCATED ON LEFT FRAME RAIL BY FRONT SUSPENSION)



CONNECTOR 3600334C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	IMRFL2	18	TN	ASSY
2	IMREL1	18	TN	ASSY

FRONT RIGHT BRAKE WEAR SENSOR
(8961)
(LOCATED ON RIGHT FRAME RAIL BY FRONT SUSPENSION)



CONNECTOR 3600334C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	IMRFR1	18	TN	ASSY
2	IMRFR2	18	TN	ASSY

LEFT FRONT BRAKE (6X4) WEAR SENSOR
(8962)
(LOCATED ON LEFT FRAME RAIL BY FORWARD REAR AXLE)



CONNECTOR 3600334C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	IRURFL1	18	BK	ASSY
2	IRURFL2	18	BK	ASSY

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					59637L	11SEP06

PART NO. AE08055906

SHEET 105

Figure 367 Connector Composites (8954), (8954M), (8960), (8961), (8962)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.139. CONNECTOR COMPOSITES (8963), (8964), (8965), (8966), (8967), P. 106

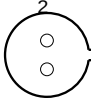
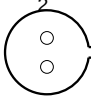
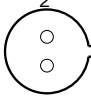
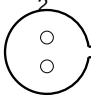
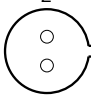
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																
RIGHT FRONT BRAKE (6X4) WEAR SENSOR (8963) (LOCATED ON RIGHT FRAME RAIL BY FORWARD REAR AXLE)																				
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[RURFR1]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>[RURFR2]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	[RURFR1]	18	BK	ASSY	2	[RURFR2]	18	BK	ASSY
CAV	CIR	GAUGE	COLOR	TERMINAL																
1	[RURFR1]	18	BK	ASSY																
2	[RURFR2]	18	BK	ASSY																
CONNECTOR 3600334C1																				
LEFT REAR BRAKE (6X4) WEAR SENSOR (8964) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)																				
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[RURRL1]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>[RURRL2]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	[RURRL1]	18	BK	ASSY	2	[RURRL2]	18	BK	ASSY
CAV	CIR	GAUGE	COLOR	TERMINAL																
1	[RURRL1]	18	BK	ASSY																
2	[RURRL2]	18	BK	ASSY																
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CAV	CIR	GAUGE	COLOR	TERMINAL																
1	[RURRR1]	18	BK	ASSY																
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CONNECTOR 3600334C1																				
LEFT REAR (4X2) WEAR SENSOR (8966) (LOCATED ON LEFT FRAME BY REAR AXLE)																				
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CAV	CIR	GAUGE	COLOR	TERMINAL																
1	[RTRRL1]	18	BK	ASSY																
2	[RTRRL2]	18	BK	ASSY																
CONNECTOR 3600334C1																				
REAR BRAKE (4X2) WEAR SENSOR (8967) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)																				
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[RTRRR1]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>[RTRRR2]</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	[RTRRR1]	18	BK	ASSY	2	[RTRRR2]	18	BK	ASSY
CAV	CIR	GAUGE	COLOR	TERMINAL																
1	[RTRRR1]	18	BK	ASSY																
2	[RTRRR2]	18	BK	ASSY																
CONNECTOR 3600334C1																				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME														
CNA1	14JAN09	TITLE WAS CIRCUIT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR														
		DIAGRAM, PROSTAR			59637L	DATE: 11SEP06 PART NO. AE08055906 SHEET 106														

Figure 368 Connector Composites (8963), (8964), (8965), (8966), (8967)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.140. CONNECTOR COMPOSITES (8970), (8971), (8972), (8973), P. 107

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN			

FRONT LEFT BRAKE STROKE
(8970)
(LOCATED ON LEFT FRAME RAIL BY FRONT AXLE)



CONNECTOR 1667741C1
BODY LOCK 1667771C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	M108VD	18	TN	1661875C1	1661872C1
B	M108ZD	18	TN	1661875C1	1661872C1
C	M108A	18	TN	1661875C1	1661872C1

FRONT RIGHT BRAKE STROKE
(8971)
(LOCATED ON RIGHT FRAME RAIL BY FRONT AXLE)



CONNECTOR 1667741C1
BODY LOCK 1667771C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	M108VC	18	TN	1661875C1	1661872C1
B	M108ZC	18	TN	1661875C1	1661872C1
C	M108B	18	TN	1661875C1	1661872C1

LEFT FR BRAKE STROKE (6X4)
(8972)
(LOCATED ON LEFT FRAME RAIL BY FORWARD REAR AXLE)



CONNECTOR 1667741C1
BODY LOCK 1667771C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R108VE	18	TN	1661875C1	1661872C1
B	R108ZE	18	TN	1661875C1	1661872C1
C	R108E	18	TN	1661875C1	1661872C1

RIGHT FR BRAKE STROKE (6X4)
(8973)
(LOCATED ON RIGHT FRAME RAIL BY FORWARD REAR AXLE)



CONNECTOR 1667741C1
BODY LOCK 1667771C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R108VL	18	TN	1661875C1	1661872C1
B	R108ZL	18	TN	1661875C1	1661872C1
C	R108F	18	TN	1661875C1	1661872C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	TITLE WAS CIRCUIT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
		DIAGRAM, PROSTAR			59637L	

RELEASE NO.	DATE	PART NO.	SHEET
59637L	11SEP06	AE08055906	107

Figure 369 Connector Composites (8970), (8971), (8972), (8973)

14.141. CONNECTOR COMPOSITES (8974), (8975), (8976), (8977), P. 108

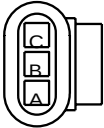
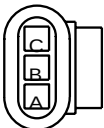
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																										
LEFT REAR BRAKE STROKE (6X4) (8974) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)  CONNECTOR 1667741C1 BODY LOCK 166771C1 <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R108VH</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R108ZH</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>R108CA</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R108VH	18	TN	1661875C1	1661872C1	B	R108ZH	18	TN	1661875C1	1661872C1	C	R108CA	18	TN	1661875C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																									
A	R108VH	18	TN	1661875C1	1661872C1																									
B	R108ZH	18	TN	1661875C1	1661872C1																									
C	R108CA	18	TN	1661875C1	1661872C1																									
RIGHT REAR BRAKE STROKE (6X4) (8975) (LOCATED ON RIGHT RAIL FRAME BY RAER AXLE)  CONNECTOR 1667741C1 BODY LOCK 166771C1 <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R108VJ</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R108ZJ</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>R108DA</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R108VJ	18	TN	1661875C1	1661872C1	B	R108ZJ	18	TN	1661875C1	1661872C1	C	R108DA	18	TN	1661875C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																									
A	R108VJ	18	TN	1661875C1	1661872C1																									
B	R108ZJ	18	TN	1661875C1	1661872C1																									
C	R108DA	18	TN	1661875C1	1661872C1																									
LEFT REAR BRAKE STROKE (4X2) (8976) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)  CONNECTOR 1667741C1 BODY LOCK 166771C1 <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R108VF</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R108ZF</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>R108C</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R108VF	18	TN	1661875C1	1661872C1	B	R108ZF	18	TN	1661875C1	1661872C1	C	R108C	18	TN	1661875C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																									
A	R108VF	18	TN	1661875C1	1661872C1																									
B	R108ZF	18	TN	1661875C1	1661872C1																									
C	R108C	18	TN	1661875C1	1661872C1																									
RIGHT REAR BRAKE STROKE (4X2) (8977) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)  CONNECTOR 1667741C1 BODY LOCK 166771C1 <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R108VK</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R108ZK</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>R108D</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>							CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R108VK	18	TN	1661875C1	1661872C1	B	R108ZK	18	TN	1661875C1	1661872C1	C	R108D	18	TN	1661875C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																									
A	R108VK	18	TN	1661875C1	1661872C1																									
B	R108ZK	18	TN	1661875C1	1661872C1																									
C	R108D	18	TN	1661875C1	1661872C1																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																								
CNA1	14JAN09	TITLE WAS CIRCUIT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																								
		DIAGRAM, PROSTAR			RELEASE NO. 59637L	DATE 11SEP06																								
					PART NO. AE08055906	SHEET 108																								

Figure 370 Connector Composites (8974), (8975), (8976), (8977)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.142. CONNECTOR COMPOSITES (8980), (8981), (8982), (8983), (8984), P. 109

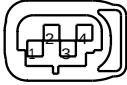
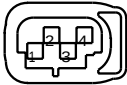
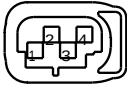
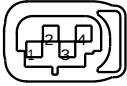
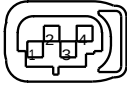
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FRONT TIRE PRESSURE MONITOR (8980) (LOCATED ON ENGINE CROSS MEMBER)  CONNECTOR 3600324C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>1</td><td>M22ZA</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>2</td><td>M22VA</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>3</td><td>M22A</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3600328C1</td><td>-</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	M22ZA	20	TN	3600325C1	3600327C1	2	M22VA	20	TN	3600325C1	3600327C1	3	M22A	20	TN	3600325C1	3600327C1	4	PLUG	-	-	3600328C1	-
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
1	M22ZA	20	TN	3600325C1	3600327C1																																
2	M22VA	20	TN	3600325C1	3600327C1																																
3	M22A	20	TN	3600325C1	3600327C1																																
4	PLUG	-	-	3600328C1	-																																
LEFT REAR TIRE PRESSURE MONITOR (8981) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE(S))  CONNECTOR 3600324C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>1</td><td>R22ZB</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>2</td><td>R22VB</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>3</td><td>R22B</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3600328C1</td><td>-</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	R22ZB	20	TN	3600325C1	3600327C1	2	R22VB	20	TN	3600325C1	3600327C1	3	R22B	20	TN	3600325C1	3600327C1	4	PLUG	-	-	3600328C1	-
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
1	R22ZB	20	TN	3600325C1	3600327C1																																
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3	R22B	20	TN	3600325C1	3600327C1																																
4	PLUG	-	-	3600328C1	-																																
RIGHT REAR TIRE PRESSURE MONITOR (8982) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE(S))  CONNECTOR 3600324C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>1</td><td>R22ZC</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>2</td><td>R22VC</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>3</td><td>R22C</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3600328C1</td><td>-</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	R22ZC	20	TN	3600325C1	3600327C1	2	R22VC	20	TN	3600325C1	3600327C1	3	R22C	20	TN	3600325C1	3600327C1	4	PLUG	-	-	3600328C1	-
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
1	R22ZC	20	TN	3600325C1	3600327C1																																
2	R22VC	20	TN	3600325C1	3600327C1																																
3	R22C	20	TN	3600325C1	3600327C1																																
4	PLUG	-	-	3600328C1	-																																
LEFT REAR TIRE PRESSURE MONITOR(6X4) (8983) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE(S)) (W/ LONESTAR)  CONNECTOR 3600324C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>1</td><td>R22ZB</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>2</td><td>R22VB</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>3</td><td>R22B</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3600328C1</td><td>-</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	R22ZB	20	TN	3600325C1	3600327C1	2	R22VB	20	TN	3600325C1	3600327C1	3	R22B	20	TN	3600325C1	3600327C1	4	PLUG	-	-	3600328C1	-
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
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4	PLUG	-	-	3600328C1	-																																
RIGHT REAR TIRE PRESSURE MONITOR(6X4) (8984) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE(S)) (W/ LONESTAR)  CONNECTOR 3600324C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>1</td><td>R22ZB</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>2</td><td>R22VC</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>3</td><td>R22C</td><td>20</td><td>TN</td><td>3600325C1</td><td>3600327C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3600328C1</td><td>-</td></tr> </tbody> </table>								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	R22ZB	20	TN	3600325C1	3600327C1	2	R22VC	20	TN	3600325C1	3600327C1	3	R22C	20	TN	3600325C1	3600327C1	4	PLUG	-	-	3600328C1	-
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																
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2	R22VC	20	TN	3600325C1	3600327C1																																
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4	PLUG	-	-	3600328C1	-																																
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																															
CNA1	14JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																															
RELEASE NO.					DATE	PART NO.	SHEET																														
59637L					11SEP06	AE08055906	109																														

Figure 371 Connector Composites (8980), (8981), (8982), (8983), (8984)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.143. CONNECTOR COMPOSITES (8990), (9100/9100A/9100B/9100C), (9102/9102A) (9103), (9303A/9303E/9303D), P. 110

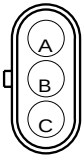
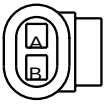
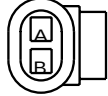
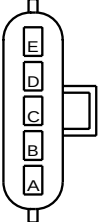
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																																																					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																					
EYEMAX FUEL FILTER SENSOR (8990) (LOCATED ON FUEL FILTER - LEFT SIDE UNDER HOOD)  CONNECTOR 0587569C91 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M110A</td> <td>18</td> <td>TN</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M110ZA</td> <td>18</td> <td>TN</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>M110V</td> <td>16</td> <td>TN</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M110A	18	TN	0587578C1	1652325C1	B	M110ZA	18	TN	0587578C1	1652325C1	C	M110V	16	TN	0587577C1	1652325C1	LEFT FUEL SENDER (9100 / *9100A / *9100B / *9100C) (LOCATED ON LEFT SIDE FUEL TANK)  CONNECTOR 1661778C1 BODY LOCK 1661874C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N36A</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N9BE</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> * W/ LONESTAR			CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N36A	18	TN	1661875C1	1661872C1	B	N9BE	18	GY	1661875C1	1661872C1																																										
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FUEL TRANSFER (9102 / *9102A) (LOCATED ON FUEL PUMP-TOP OF BELL HOUSING)  CONNECTOR 3522068C1 BODY LOCK 1661874C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N37-G</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N37A</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> * W/ LONESTAR			CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N37-G	18	WH	1661875C1	1661872C1	B	N37A	18	TN	1661875C1	1661872C1	RIGHT FUEL SENDER (9103) (LOCATED ON RIGHT SIDE FUEL TANK)  CONNECTOR 1661778C1 BODY LOCK 1661874C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N36B</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N9BD</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>			CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N36B	18	TN	1661875C1	1661872C1	B	N9BD	18	GY	1661875C1	1661872C1																																																
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(6x4) STOP TAIL AND TURN (@9303A/*9303E/#9303D) (LOCATED AT REAR END OF RIGHT FRAME RAIL)  CONNECTOR 1661375C2 BODY LOCK 1661376C1			<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A@</td><td>R71BA</td><td>12</td><td>OR</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>A*</td><td>R71BD</td><td>12</td><td>OR</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>A#</td><td>R71BG</td><td>12</td><td>OR</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B@</td><td>R56A</td><td>14</td><td>OR</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>B*</td><td>R56A</td><td>14</td><td>OR</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C@</td><td>R57A</td><td>14</td><td>OR</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>C#</td><td>R57A</td><td>14</td><td>OR</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D@</td><td>R68A</td><td>14</td><td>BN</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D*</td><td>R68AA</td><td>14</td><td>BN</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>D#</td><td>R68AD</td><td>14</td><td>BN</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>E@</td><td>R10-G</td><td>12</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>E*</td><td>R10-GE</td><td>12</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> <tr><td>E#</td><td>R10-GG</td><td>12</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table> @ W/ LONESTAR (6x4) * (4x2) W/ LED LIGHTS # (6x4) W/ LED LIGHTS			CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A@	R71BA	12	OR	2033816C1	0589391C1	A*	R71BD	12	OR	2033816C1	0589391C1	A#	R71BG	12	OR	2033816C1	0589391C1	B@	R56A	14	OR	2033816C1	0589391C1	B*	R56A	14	OR	2033816C1	0589391C1	C@	R57A	14	OR	2033816C1	0589391C1	C#	R57A	14	OR	2033816C1	0589391C1	D@	R68A	14	BN	2033816C1	0589391C1	D*	R68AA	14	BN	2033816C1	0589391C1	D#	R68AD	14	BN	2033816C1	0589391C1	E@	R10-G	12	WH	2033816C1	0589391C1	E*	R10-GE	12	WH	2033816C1	0589391C1	E#	R10-GG	12	WH	2033816C1	0589391C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																				
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																			
CNA1	29JUN09	REVISED AND REDRAWN.	B	62052N	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																																																			
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						SHEET 110																																																																																			

Figure 372 Connector Composites (8990), (9100/9100A/9100B/9100C), (9102/9102A) (9103), (9303A/9303E/9303D)

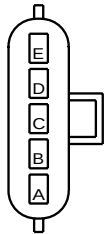
**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

373

14.144. CONNECTOR COMPOSITES (9303/9303C/9303B), (9304A), (9305/9305A), P. 111

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STOP TAIL AND TURN
(@9303/*9303C/#9303B) - COMMON BASE (4X2))
(9304 - COMMON BASE - LONESTAR (6x4))
(LOCATED AT REAR END OF LEFT FRAME RAIL)

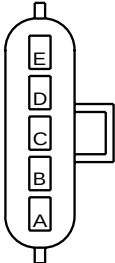


CONNECTOR 1661375C2
BODY LOCK 1661376C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A@	R71BA	12	OR	2033816C1	0589391C1
A*	R71BC	12	OR	2033816C1	0589391C1
A#	R71BE	12	OR	2033816C1	0589391C1
B@	R56A	14	OR	2033816C1	0589391C1
B#	R56A	14	OR	2033816C1	0589391C1
C@	R57A	14	OR	2033816C1	0589391C1
C*	R57A	14	OR	2033816C1	0589391C1
D@	R68A	14	BN	2033816C1	0589391C1
D*	R68AB	14	BN	2033816C1	0589391C1
D#	R68AC	14	BN	2033816C1	0589391C1
E@	R10-G	12	WH	2033816C1	0589391C1
E*	R10-GC	12	WH	2033816C1	0589391C1
E#	R10-GE	12	WH	2033816C1	0589391C1

@ W/ LONESTAR (6x4)
* (4x2) W/ LED LIGHTS
(6x4) W/ LED LIGHTS

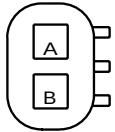
(6x4) STOP TAIL AND TURN LONESTAR
(9304A)
(LOCATED AT REAR END OF LEFT FRAME RAIL)
(W/ LONESTAR)



CONNECTOR 1661375C2
BODY LOCK 1661376C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R71BA	12	OR	2033816C1	0589391C1
B	R56A	14	OR	2033816C1	0589391C1
C	R57A	14	OR	2033816C1	0589391C1
D	R68A	14	BN	2033816C1	0589391C1
E	R10-GA	16	WH	2033816C1	0589391C1

BACK-UP ALARM
(*9305/#9305A)
(LOCATED AT REAR END OF LEFT FRAME RAIL)



CONNECTOR 1671611C1
BODY LOCK 1671608C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A*	R71BF	12	OR	2033912C1	0589390C1
A#	R71BB	12	WH	2033912C1	0589391C1
B*	R10-GF	12	WH	2033912C1	0589391C1
B#	R10-GD	12	OR	2033912C1	0589390C1

* (6x4) W/ LED LIGHTS
(4x2) W/ LED LIGHTS

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	29JUN09	REVISED AND REDRAWN.	D	62052N	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					RELEASE NO. 59637L	DATE 11SEP06 PART NO. AE08055906 SHEET 111

Figure 373 Connector Composites (9103), (9303), (9303A), (9304), (9304A)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.145. CONNECTOR COMPOSITES (9501), (9501D), (9502/9502A), (9502B), (9503/9503D), (9504/9504A/9504B), P. 112

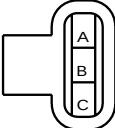
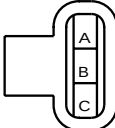
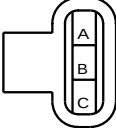
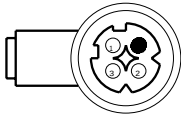
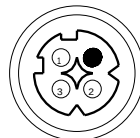
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BENDIX LEFT WHEEL SPEED SENSOR (4X2) (9501) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)  CONNECTOR 1684261C1 BODY LOCK 1684263C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94BD</td> <td>16</td> <td>GY</td> <td>1680205C1</td> <td>1652325C1</td> </tr> <tr> <td>2</td> <td>R94BE</td> <td>16</td> <td>GY</td> <td>1680205C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	R94BD	16	GY	1680205C1	1652325C1	2	R94BE	16	GY	1680205C1	1652325C1	BENDIX RR LEFT WHEEL SPEED SENSOR (6X4) (9501D) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE) (W/ LONESTAR)  CONNECTOR 1684261C1 BODY LOCK 1684263C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1*</td> <td>R94BD</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>1*</td> <td>R94BO</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2*</td> <td>R94BE</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2*</td> <td>R94BR</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table> * MUTUALLY EXCLUSIVE				CAV	CIR	GAUGE	COLOR	TERMINAL	1*	R94BD	16	GY	1680205C1	1*	R94BO	16	GY	1680205C1	2*	R94BE	16	GY	1680205C1	2*	R94BR	16	GY	1680205C1																							
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BENDIX LEFT MODULATOR (9502 / #9502A) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)  CONNECTOR 1686834C1 BODY LOCK 1664408C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94BA</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94BB</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94BC</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> (# W/ LONESTAR)				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94BA	16	GY	2033819C1	1652325C1	B	R94BB	16	GY	2033819C1	1652325C1	C	R94BC	16	GY	2033819C1	1652325C1	BENDIX LEFT REAR MODULATOR (9502B) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE) (W/ LONESTAR)  CONNECTOR 1686834C1 BODY LOCK 1664408C1 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A*</td> <td>R94BA</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>A*</td> <td>R94BM</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B*</td> <td>R94BB</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B*</td> <td>R94BN</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C*</td> <td>R94BC</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C*</td> <td>R94BP</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> * MUTUALLY EXCLUSIVE				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	R94BA	16	GY	2033819C1	1652325C1	A*	R94BM	16	GY	2033819C1	1652325C1	B*	R94BB	16	GY	2033819C1	1652325C1	B*	R94BN	16	GY	2033819C1	1652325C1	C*	R94BC	16	GY	2033819C1	1652325C1	C*	R94BP	16	GY	2033819C1	1652325C1
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BENDIX RIGHT WHEEL SPEED SENSOR (9503 / #9503D) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)  CONNECTOR 1684261C1 BODY LOCK 1684263C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94BF</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>1#</td> <td>R94BV</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94BH</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2#</td> <td>R94BW</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table> (# W/ LONESTAR)				CAV	CIR	GAUGE	COLOR	TERMINAL	1	R94BF	16	GY	1680205C1	1#	R94BV	16	GY	1680205C1	2	R94BH	16	GY	1680205C1	2#	R94BW	16	GY	1680205C1																																									
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BENDIX RR RIGHT MODULATOR (9504 / #9504A / #9504B) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)  CONNECTOR 1686834C1 BODY LOCK 1664408C1				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94BJ</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>A#</td> <td>R94BS</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94BK</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B#</td> <td>R94BT</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94BL</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C#</td> <td>R94BU</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> (# W/ LONESTAR)				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94BJ	16	GY	2033819C1	1652325C1	A#	R94BS	16	GY	2033819C1	1652325C1	B	R94BK	16	GY	2033819C1	1652325C1	B#	R94BT	16	GY	2033819C1	1652325C1	C	R94BL	16	GY	2033819C1	1652325C1	C#	R94BU	16	GY	2033819C1	1652325C1																								
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					59637L	11SEP06	AE08055906	112																																																																	

Figure 374 Connector Composites (9501), (9501D), (9502/9502A), (9502B), (9503/9503D), (9504/9504A/9504B)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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**14.146. CONNECTOR COMPOSITES (9505/9505A), (9506/9506D/9506E),
(9507/9507A/9507B), (9508/9508B/9508D/9508E), (9509/9509A/9509B), P. 113**

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																							
BENDIX AUTO TRACTION CONTROL (9505 / *9505A) (LOCATED ON CROSSMEMBER AT REAR AXLE(S))  CONNECTOR 3518183C1 BODY LOCK 3518174C1				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94BM</td> <td>16</td> <td>GY</td> <td>3518961C1</td> </tr> <tr> <td>2</td> <td>R94BN</td> <td>16</td> <td>GY</td> <td>3518961C1</td> </tr> <tr> <td>3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> (* W/ LONESTAR)				CAV	CIR	GAUGE	COLOR	TERMINAL	1	R94BM	16	GY	3518961C1	2	R94BN	16	GY	3518961C1	3	-	-	-	-
CAV	CIR	GAUGE	COLOR	TERMINAL																							
1	R94BM	16	GY	3518961C1																							
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3	-	-	-	-																							
WABCO LEFT WHEEL SPEED SENSOR (9506 / *9506D / *9506E) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)  CONNECTOR 3519878C1				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94MBD</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94MBE</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table> (* W/ LONESTAR)				CAV	CIR	GAUGE	COLOR	TERMINAL	1	R94MBD	18	GY	ASSY	2	R94MBE	18	GY	ASSY					
CAV	CIR	GAUGE	COLOR	TERMINAL																							
1	R94MBD	18	GY	ASSY																							
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WABCO LEFT MODULATOR (9507 / *9507A / * 9507B) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)  CONNECTOR 3667691C1				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94MBA</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94MBB</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>R94MBC</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table> (* W/ LONESTAR)				CAV	CIR	GAUGE	COLOR	TERMINAL	1	R94MBA	18	GY	ASSY	2	R94MBB	18	GY	ASSY	3	R94MBC	18	GY	ASSY
CAV	CIR	GAUGE	COLOR	TERMINAL																							
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WABCO RIGHT WHEEL SPEED SENSOR (9508 / *9508B / *9508D / *9508E) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)  CONNECTOR 3519878C1				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94MBF</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94MBH</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table> (* W/ LONESTAR)				CAV	CIR	GAUGE	COLOR	TERMINAL	1	R94MBF	18	GY	ASSY	2	R94MBH	18	GY	ASSY					
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WABCO RIGHT WHEEL MODULATOR (9509 / *9509A / *9509B) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)  CONNECTOR 3667691C1				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94MBJ</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94MBK</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>R94MBL</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table> (* W/ LONESTAR)				CAV	CIR	GAUGE	COLOR	TERMINAL	1	R94MBJ	18	GY	ASSY	2	R94MBK	18	GY	ASSY	3	R94MBL	18	GY	ASSY
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**Figure 375 Connector Composites (9505/9505A), (9506/9506D/9506E), (9507/9507A/9507B),
(9508/9508B/9508D/9508E), (9509/9509A/9509B)**

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.147. CONNECTOR COMPOSITES (9510/9510A/9510F), (9510F/9510M), (9511), (9511/9511A), (9512), P. 114

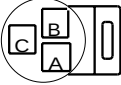
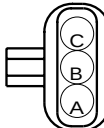
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ABS6 PRESSURE SENSOR (9510 / *9510A / *9510F) (LOCATED ON REAR SUSPENSION AIR BAG: LEFT SIDE (6X4) RIGHT SIDE (4X2))  <table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94SZC</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>R94SVC</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>R94SH</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table> CONNECTOR 1678137C1 * W/ LONESTAR								CAV	CIR	GAUGE	COLOR	TERMINAL	A	R94SZC	18	GY	1651943C1	B	R94SVC	18	GY	1651943C1	C	R94SH	18	GY	1651943C1																												
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ABS6 PRESSURE SENSOR (9510F / 9510M) (LOCATED ON LEFT FRAME RAIL, BACK OF CAB)   <table border="1" style="font-size: 8px; width: 48%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N94SZC</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>N94SVC</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>N94SH</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <table border="1" style="font-size: 8px; width: 48%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94SZC</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>R94SVC</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>R94SH</td> <td>18</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table> CONNECTOR 1667741C1 CONNECTOR 1667740C1 BODY LOCK 1667771C1 BODY LOCK 1667771C1								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N94SZC	16	GY	1661875C1	1661872C1	B	N94SVC	16	GY	1661875C1	1661872C1	C	N94SH	16	GY	1661875C1	1661872C1	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94SZC	18	GY	1667742C1	1661872C1	B	R94SVC	18	GY	1667742C1	1661872C1	C	R94SH	18	GY	1667742C1	1661872C1
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A	N94SZC	16	GY	1661875C1	1661872C1																																																		
B	N94SVC	16	GY	1661875C1	1661872C1																																																		
C	N94SH	16	GY	1661875C1	1661872C1																																																		
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																		
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B	R94SVC	18	GY	1667742C1	1661872C1																																																		
C	R94SH	18	GY	1667742C1	1661872C1																																																		
YAW SENSOR (9511 / *9511A) (LOCATED ON CAB SUPPORT CROSSMEMBER (DAYCAB), BEHIND CAB CROSSMEMBER (SLEEPER))  <table border="1" style="font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N94SAB</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> <tr> <td>2</td> <td>N94SCB</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> <tr> <td>3</td> <td>N94SBB</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> <tr> <td>4</td> <td>N94SDB</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3601687C1</td> </tr> </tbody> </table> CONNECTOR 3601685C1 * W/ LONESTAR								CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	N94SAB	18	GY	3601686C1	3601687C1	2	N94SCB	18	GY	3601686C1	3601687C1	3	N94SBB	18	GY	3601686C1	3601687C1	4	N94SDB	18	GY	3601686C1	3601687C1																		
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																		
1	N94SAB	18	GY	3601686C1	3601687C1																																																		
2	N94SCB	18	GY	3601686C1	3601687C1																																																		
3	N94SBB	18	GY	3601686C1	3601687C1																																																		
4	N94SDB	18	GY	3601686C1	3601687C1																																																		
BENDIX FR RIGHT WHEEL SPEED SENSOR (9511) (LOCATED ON RIGHT FRAME RAIL BY FRONT AXLE) (W/ LONESTAR)  CONNECTOR 1684261C1 <table border="1" style="font-size: 8px; margin: 10px auto; width: 80%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94BF</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>R94BH</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	R94BF	16	GY	1680205C1	2	R94BH	16	GY	1680205C1	BENDIX AUTO TRACTION CONTROL (9512) (LOCATED ON LEFT FRAME RAIL UNDER CAB)  CONNECTOR 3518183C1 BODY LOCK 3518174C1 <table border="1" style="font-size: 8px; margin: 10px auto; width: 80%;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N94SJ</td> <td>16</td> <td>GY</td> <td>3518961C1</td> </tr> <tr> <td>2</td> <td>N94SK</td> <td>16</td> <td>GY</td> <td>3518961C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	1	N94SJ	16	GY	3518961C1	2	N94SK	16	GY	3518961C1																		
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1	R94BF	16	GY	1680205C1																																																			
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CNA1	14JAN09	ADDED LONESTAR EFFECT	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																	
RELEASE NO.					DATE	PART NO.	SHEET																																																
59637L					11SEP06	AE08055906	114																																																

Figure 376 Connector Composites (9510/9510A/9510F), (9510F/9510M), (9511), (9511/9511A), (9512)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.148. CONNECTOR COMPOSITES (9512), (9513), (9514), (9515/9515A/9515B), P. 115

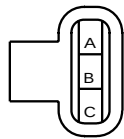
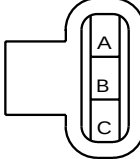
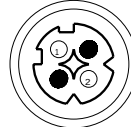
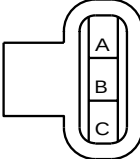
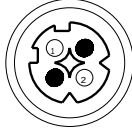
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																									
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BENDIX TRAILER MODULATOR (9513) (LOCATED ON LEFT FRAME RAIL UNDER CAB)  CONNECTOR 1686834C1 BODY LOCK 1664408C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N94SM</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>N94SN</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>N94SL</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N94SM	16	GY	2033819C1	1652325C1	B	N94SN	16	GY	2033819C1	1652325C1	C	N94SL	16	GY	2033819C1	1652325C1																																
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BENDIX FR RIGHT MODULATOR (9514) LOCATED ON RIGHT FRAME BY FRONT RAIL AXLE (W/ LONESTAR)  CONNECTOR 1686834C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94BJ</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>R94BK</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>R94BL</td> <td>16</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R94BJ	16	GY	2033819C1	1652325C1	B	R94BK	16	GY	2033819C1	1652325C1	C	R94BL	16	GY	2033819C1	1652325C1																																
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C	R94BL	16	GY	2033819C1	1652325C1																																																						
WABCO AUTO TRACTION CONTROL SOLENOID (9515 / *9515A / *9515B) (LOCATED ON CROSSMEMBER BY REAR AXLE)  CONNECTOR 3567225C1 <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94MBM</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94MBN</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table> * W/ LONESTAR				CAV	CIR	GAUGE	COLOR	TERMINAL	1	R94MBM	18	GY	ASSY	2	R94MBN	18	GY	ASSY																																									
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Figure 377 Connector Composites (9512), (9513), (9514), (9515/9515A/9515B)

14.149. CONNECTOR COMPOSITES (9516M), (9635), (9715F/9715M), P. 116

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**BENDIX 6- CHANNEL ABS INLINE CONNECTOR
(9516M)
(LOCATED ON LEFT FRAME RAIL BEHIND CAB)
(W/ LONESTAR)**

CENTRE CHASSIS

REAR CHASSIS

CAV	CIR	GAUGE	COLOR	TERMINAL
1	94BM	16	GY	1680205C1
2	94BN	16	GY	1680205C1
3	94BP	16	GY	1680205C1
4	94BQ	16	GY	1680205C1
5	94BR	16	GY	1680205C1
6	94BS	16	GY	1680205C1
7	94BT	16	GY	1680205C1
8	94BU	16	GY	1680205C1
9	94BV	16	GY	1680205C1
10	94BW	16	GY	1680205C1
11	-	-	-	-
12	-	-	-	-

CAV	CIR	GAUGE	COLOR	TERMINAL
1	94BM	16	GY	1680206C1
2	94BN	16	GY	1680206C1
3	94BP	16	GY	1680206C1
4	94BQ	16	GY	1680206C1
5	94BR	16	GY	1680206C1
6	94BS	16	GY	1680206C1
7	94BT	16	GY	1680206C1
8	94BU	16	GY	1680206C1
9	94BV	16	GY	1680206C1
10	94BW	16	GY	1680206C1
11	-	-	-	-
12	-	-	-	-

**EATON VORAD SIDE SENSOR
(9635)
(LOCATED ON RIGHT SIDE OF CAB)**

CONNECTOR 3519059C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	N67H	16	GY	1680206C1
B	N67J	16	GY	1680206C1
C	N67K	16	GY	1680206C1

**TRAILER SOCKET 1
(9715F / 9715M)
(LOCATED ON LEFT ARM RAIL BEHIND CAB)**

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R70W	10	RD	2025425C1	1667735C1
B	R68W	10	BN	2025425C1	1667735C1
C	R94W	10	DKBL	2025425C1	1667735C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N70W	10	RD	1667737C1	1667735C1
B	N68W	10	BN	1667737C1	1667735C1
C	N94W	10	DKBL	1667737C1	1667735C1

Figure 378 Connector Composites (9516M), (9635), (9715F/9715M)

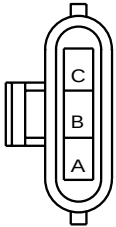
**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.150. CONNECTOR COMPOSITES (9716M/9716F), (9718), (9736), (9737), P. 117

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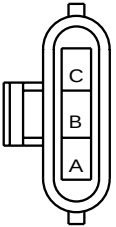
**TRAILER SOCKET 2
(9716M / 9716F)**
(LOCATED ON LEFT FRAME RAIL BEHIND CAB)



CONNECTOR 1667732C1
BODY LOCK 1667734C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N58W	10	BK	2025425C1	1667735C1
B	N56W	10	YL	2025425C1	1667735C1
C	N57W	10	LTGN	2025425C1	1667735C1

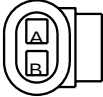
**TRAILER SOCKET 2
(9716M / 9716F)**
(LOCATED ON LEFT FRAME RAIL BEHIND CAB)



CONNECTOR 1667733C1
BODY LOCK 1667734C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R58W	10	BK	1667737C1	1667735C1
B	R56W	10	YL	1667737C1	1667735C1
C	R57W	10	LTGN	1667737C1	1667735C1

**DAYCAB WORK LIGHT
(9718)**
(LOCATED ON LEFT FRAME RAIL AT BACK OF DAYCAB)

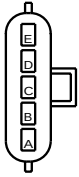


CONNECTOR 1661778C1
BODY LOCK 1661874C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N65	16	OR	1661875C1	1661872C1
B	N65-G	16	WH	1661875C1	1661872C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N65	16	OR	1661875C1	1661872C1
B	N65-G	16	WH	1661875C1	1661872C1

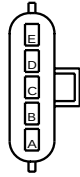
**AIR SOLENOID 4-PACK
(9736)**
(LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)



CONNECTOR 1661375C2
BODY LOCK 1661376C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N59-G	14	WH	2033816C1	0589391C1
B	N59A	18	GY	2033819C1	1652325C1
C	N59B	18	GY	2033819C1	1652325C1
D	N59C	18	GY	2033819C1	1652325C1
E	N59D	18	GY	2033819C1	1652325C1

**2ND AIR SOLENOID 4-PACK
(9737)**
(LOCATED INSIDE LEFT FRAME RAIL UNDER CAB)



CONNECTOR 1661375C2
BODY LOCK 1661376C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N59-GA	14	WH	2033816C1	0589391C1
B	N59E	18	GY	2033819C1	1652325C1
C	N59F	18	GY	2033819C1	1652325C1
D	N59H	18	GY	2033819C1	1652325C1
E	N59J	18	GY	2033819C1	1652325C1

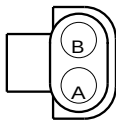
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	REVISED AND REDRAWN	A	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					RELEASE NO. 59637L	DATE 11SEP06 PART NO. AE08055906 SHEET 117

Figure 379 Connector Composites (9716M/9716F), (9718), (9736), (9737)

14.151. CONNECTOR COMPOSITES (9738), (9768), (9769), P. 118

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN
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5TH WHEEL JAW LOCK SOLENOID
(9738)
(LOCATED AT END OF FRAME - LEFT SIDE)

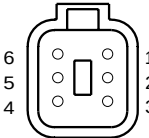


CONNECTOR 0587568C91

* W/ ONE SOLENOID 4 PACK W/ CNT = 3
W/ ONE SOLENOID 4 PACK W/ CNT = 4
** W/ TWO SOLENOID 4 PACK W/ CNT = 5
W/ TWO SOLENOID 4 PACK W/ CNT = 6
& W/ TWO SOLENOID 4 PACK W/ CNT = 7

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A*	N59K	16	GY	0587575C1	1652325C1
A#	N59K	18	GY	0587576C1	1652325C1
A**	N59K	18	GY	0587576C1	1652325C1
A##	N59K	16	GY	0587575C1	1652325C1
A&	N59K	16	GY	0587575C1	1652325C1
B	N59-GB	16	WH	0587575C1	1652325C1

EATON VORAD VS-400
(9768)
(LOCATED ON RIGHT SIDE CAB)



CONNECTOR 3673640C1
BODY LOCK 2005243C1

CAV	CIR	GAUGE	COLOR	TERMINAL
1	N67TA	16	PK	3572626C1
2	N67GU	16	WH	3572626C1
3	N67U	16	GY	3572626C1
4	N67V	16	GY	3572626C1
5	N67W	16	GY	3572626C1
6	PLUG	-	-	0453133C1

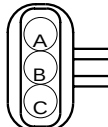
J1939 CENTER CHASSIS TO
FWD CHASSIS
(9769)
(LOCATED ON LEFT SIDE DASH PANEL)



CONNECTOR 1667741C1
BODY LOCK 1667771C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	M5U(+)	18	YL	1661875C1	3568570C1
A%%	M5UK(+)	18	YL	1661875C1	3568570C1
B	-	-	-	-	-
C	M5U(-)	18	GN	1661875C1	3568570C1
C%%	M5UK(-)	18	GN	1661875C1	3568570C1

%% W/ WABCO ONGUARD



CONNECTOR 1667740C1
BODY LOCK 1667771C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N5U(+)	18	YL	1667742C1	3568570C1
B	-	-	-	-	-
C	N5U(-)	18	GN	1667742C1	3568570C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	07OCT09	W484//ADDED WABCO	C	62556A	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
	ONGUARD				59637L	

DATE	PART NO.	SHEET
11SEP06	AE08055906	118

Figure 380 Connector Composites (9738), (9768), (9769)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.152. CONNECTOR COMPOSITES (9770), (9779/9779F/9779FA), (9779F1), (9780/9780M), (9780M1), P. 119

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM				CHAPTER 14			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.								CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN			

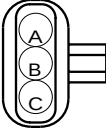


J1939 CENTER CHASSIS TO
FWD CHASSIS
(9770)
(LOCATED INSIDE LEFT FRAME
RAIL UNDER CAB)

CONNECTOR 1667741C1
BODY LOCK 1667771C1

CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLEEVE
A	M5UB(+)	18	YL	1661875C1	3568570C1
A%%	M5UH(+)	18	YL	1661875C1	3568570C1
B	PLUG	-	-	-	2025431C1
C	M5UB(-)	18	GN	1661875C1	3568570C1
C%%	M5UH(-)	18	GN	1661875C1	3568570C1

%% W/ WABCO ONGUARD

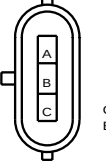


CONNECTOR 1667733C1
*CONNECTOR 1667740C1
BODY LOCK 1667771C1

CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLEEVE
A	N5UB(+)	18	YL	1667742C1	3568570C1
B	PLUG	-	-	-	2025431C1
C	N5UB(-)	18	GN	1667742C1	3568570C1

(* W/ LONESTAR)

DAYCAB TRAILER SOCKET # 2
(9779 / @9779F / @9779FA)
(LOCATED AT BOTTOM OF DASH PANEL - LEFT SIDE)

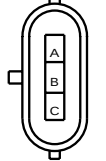


CONNECTOR 1667732C1
BODY LOCK 1667734C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A*	N58U	10	BK	2025425C1	1667735C1
A#	N58T	10	BK	2025425C1	1667735C1
B*	N56U	10	YL	2025425C1	1667735C1
B#	N56T	10	YL	2025425C1	1667735C1
C*	N57U	10	LTGN	2025425C1	1667735C1
C#	N57T	10	LTGN	2025425C1	1667735C1

* TRAILER SOCKET W/ BOC & EOF
TRAILER SOCKET W/ BOC
@ W/ LONESTAR

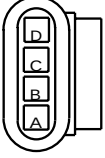
TRAMEC TRAILER SOCKET #12
(9779F1)
(LOCATED AT BOTTOM OF DASH PANEL - LEFT SIDE)
(W/ LONESTAR)



CONNECTOR 1667732C1
BODY LOCK 1667734C1

CAV	CIRC	GA	COLOR	TERMINAL	SEAL/SLEEVE
A	N58T	10	BR	2025425C1	1667735C1
B	N56T	10	YL	2025425C1	1667735C1
C	N57T	10	LTGN	2025425C1	1667735C1

DAYCAB TRAILER SOCKET # 1
(9780 / 9780M)
(LOCATED AT BOTTOM OF DASH PANEL - LEFT SIDE)

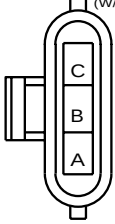


CONNECTOR 3535482C1
BODY LOCK 3535483C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A#	N94U	10	DKBL	1687847C1	0589390C1
A*	N94T	10	DKBL	1687847C1	0589390C1
B#	N68U	10	BN	1687847C1	0589390C1
B*	N68T	10	BN	1687847C1	0589390C1
C#	N70U	10	RD	1687847C1	0589390C1
C*	N70T	10	RD	1687847C1	0589390C1
D	N72V	12	DKBL	2033816C1	0589390C1

* TRAILER SOCKET W/ BOC
TRAILER SOCKET W/ BOC & EOF

TRAMEC TRAILER SOCKET #1
(9780M1)
(LOCATED AT BOTTOM OF DASH PANEL - LEFT SIDE)
(W/ LONESTAR)



CONNECTOR 1667740C1
BODY LOCK 1667771C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N94T	10	DKBL	1667737C1	1667735C1
B	N68T	10	BN	1667737C1	1667735C1
C	N70T	10	RD	1667737C1	1667735C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	07OCT09	W484//ADDED WABCO	D	62556A	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
	ONGUARD.				RELEASE NO.	PART NO.
					59637L	11SEP06 AE08055906

SHEET 119

Figure 381 Connector Composites (9770), (9779/9779F/9779FA), (9779F1), (9780/9780M), (9780M1)

14.153. CONNECTOR COMPOSITES (9781F), (9782M), (9783F), (9783M), (9784M), P. 120

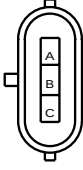
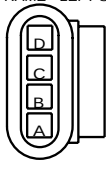
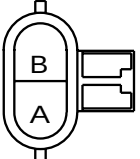
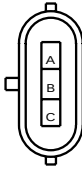
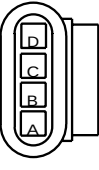
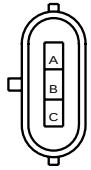
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																																																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																			
TRAILER SOCKET 2 (9781F) (LOCATED AT END OF FRAME - LEFT SIDE)				TRAILER SOCKET 2 (9782M) (LOCATED AT END OF FRAME - LEFT SIDE)																																																			
																																																							
CONNECTOR 1667732C1 BODY LOCK 1667734C1				CONNECTOR 3535482C1 BODY LOCK 3535483C1																																																			
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																		
A	N58T	10	BK	2025425C1	1667735C1																																																		
B	N56T	10	YL	2025425C1	1667735C1																																																		
C	N57T	10	LTGN	2025425C1	1667735C1																																																		
ISO TRAILER SOCKET (9783M) (LOCATED AT BOTTOM OF DASH PANEL - LEFT SIDE) (W/ LONESTAR)				TRAILER SOCKET 2 (9783F) (LOCATED AT END OF FRAME - LEFT SIDE)																																																			
																																																							
CONNECTOR 2031522C1 BODY LOCK 2033927C1				CONNECTOR 1667732C1 BODY LOCK 1667734C1																																																			
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																		
A	N94T	10	DKBL	2031531C1	2025427C1																																																		
B	N94TA	10	YL	2031531C1	2025427C1																																																		
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																		
A	N58U	10	BK	2025425C1	1667732C1																																																		
A*	N58T	10	BK	2025425C1	1667732C1																																																		
B	N56U	10	YL	2025425C1	1667732C1																																																		
B*	N56T	10	YL	2025425C1	1667732C1																																																		
C	N57U	10	LTGN	2025425C1	1667732C1																																																		
C*	N57T	10	LTGN	2025425C1	1667732C1																																																		
* W/ LONESTAR																																																							
TRAILER SOCKET 1 (9784M) (LOCATED AT END OF FRAME - LEFT SIDE)				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">CAV</td><td style="text-align: center;">CIR</td><td style="text-align: center;">GAUGE</td><td style="text-align: center;">COLOR</td><td style="text-align: center;">TERMINAL</td><td style="text-align: center;">SEAL/SLEEVE</td></tr> <tr> <td style="text-align: center;">A*</td><td style="text-align: center;">N94U</td><td style="text-align: center;">10</td><td style="text-align: center;">DKBL</td><td style="text-align: center;">1687847C1</td><td style="text-align: center;">0589390C1</td></tr> <tr> <td style="text-align: center;">A</td><td style="text-align: center;">N94T</td><td style="text-align: center;">10</td><td style="text-align: center;">DKBL</td><td style="text-align: center;">1687847C1</td><td style="text-align: center;">0589390C1</td></tr> <tr> <td style="text-align: center;">B*</td><td style="text-align: center;">N68U</td><td style="text-align: center;">10</td><td style="text-align: center;">BN</td><td style="text-align: center;">1687847C1</td><td style="text-align: center;">0589390C1</td></tr> <tr> <td style="text-align: center;">B</td><td style="text-align: center;">N68T</td><td style="text-align: center;">10</td><td style="text-align: center;">BN</td><td style="text-align: center;">1687847C1</td><td style="text-align: center;">0589390C1</td></tr> <tr> <td style="text-align: center;">C</td><td style="text-align: center;">N70T</td><td style="text-align: center;">10</td><td style="text-align: center;">RD</td><td style="text-align: center;">1687847C1</td><td style="text-align: center;">0589390C1</td></tr> <tr> <td style="text-align: center;">C*</td><td style="text-align: center;">N70U</td><td style="text-align: center;">10</td><td style="text-align: center;">RD</td><td style="text-align: center;">1687847C1</td><td style="text-align: center;">0589390C1</td></tr> <tr> <td style="text-align: center;">D</td><td style="text-align: center;">N72V</td><td style="text-align: center;">12</td><td style="text-align: center;">DKBL</td><td style="text-align: center;">2033816C1</td><td style="text-align: center;">0589391C1</td></tr> </table>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	N94U	10	DKBL	1687847C1	0589390C1	A	N94T	10	DKBL	1687847C1	0589390C1	B*	N68U	10	BN	1687847C1	0589390C1	B	N68T	10	BN	1687847C1	0589390C1	C	N70T	10	RD	1687847C1	0589390C1	C*	N70U	10	RD	1687847C1	0589390C1	D	N72V	12	DKBL	2033816C1	0589391C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																		
A*	N94U	10	DKBL	1687847C1	0589390C1																																																		
A	N94T	10	DKBL	1687847C1	0589390C1																																																		
B*	N68U	10	BN	1687847C1	0589390C1																																																		
B	N68T	10	BN	1687847C1	0589390C1																																																		
C	N70T	10	RD	1687847C1	0589390C1																																																		
C*	N70U	10	RD	1687847C1	0589390C1																																																		
D	N72V	12	DKBL	2033816C1	0589391C1																																																		
				CONNECTOR 3535482C1 BODY LOCK 3535483C1																																																			
* W/ LONESTAR																																																							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																	
CNA1	14JAN09	ADDED LONESTAR EFFECT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																	
				RELEASE NO.	DATE	PART NO.	SHEET																																																
				59637L	11SEP06	AE08055906	120																																																

Figure 382 Connector Composites (9780), (9781F), (9782M), (9783F), (9783M), (9784M)

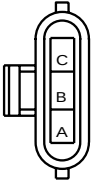
**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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**14.154. CONNECTOR COMPOSITES (9789/9789F/9789FA), (9790/9790M/9790MA),
P. 121**

INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																								
TRAILER SOCKET 2 (9789 / *9789F / *9789FA) (LOCATED AT END OF FRAME - LEFT SIDE)  CONNECTOR 1667732C1 BODY LOCK 1667734C1 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>R58W</td><td>10</td><td>BK</td><td>2025425C1</td><td>1667735C1</td></tr><tr><td>B</td><td>R56W</td><td>10</td><td>YL</td><td>2025425C1</td><td>1667735C1</td></tr><tr><td>C</td><td>R57W</td><td>10</td><td>LTGN</td><td>2025425C1</td><td>1667735C1</td></tr></tbody></table> (* W/ LONESTAR)		CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R58W	10	BK	2025425C1	1667735C1	B	R56W	10	YL	2025425C1	1667735C1	C	R57W	10	LTGN	2025425C1	1667735C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																				
A	R58W	10	BK	2025425C1	1667735C1																				
B	R56W	10	YL	2025425C1	1667735C1																				
C	R57W	10	LTGN	2025425C1	1667735C1																				

TRAILER SOCKET 1 (4X2)
(9790 / *9790M/ *9790MA)
(LOCATED AT END OF FRAME - LEFT SIDE)



CONNECTOR 1667733C1
BODY LOCK 1667734C1

CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R70W	10	RD	1667737C1	1667735C1
B	R68W	10	BN	1667737C1	1667735C1
C	R94W	10	DKBL	1667737C1	1667735C1

(* W/ LONESTAR)

Figure 383 Connector Composites (9789/9789F/9789FA), (9790/9790M/9790MA)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

14.155. CONNECTOR COMPOSITES (9800/9800F/9800M), P. 122

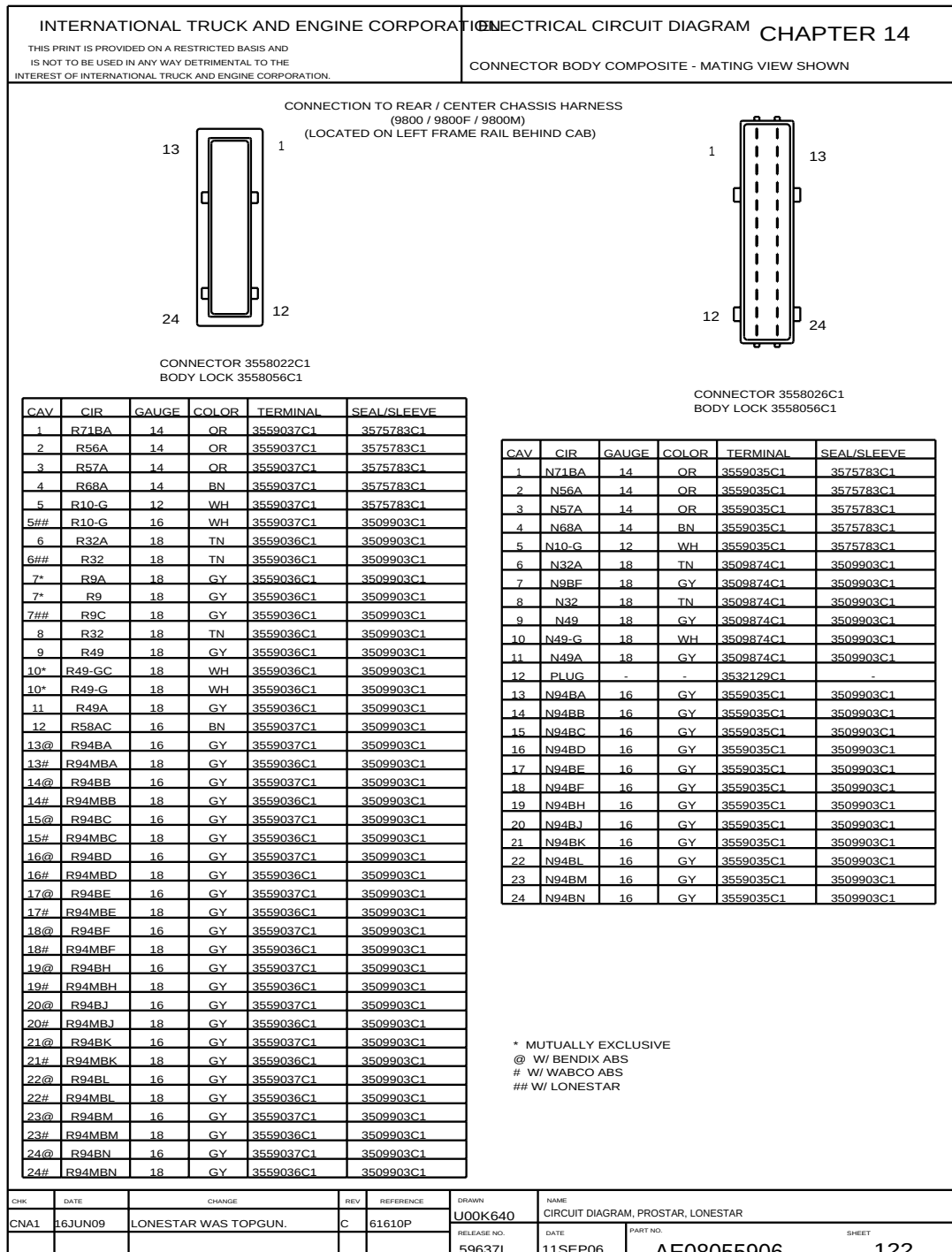


Figure 384 Connector Composites (9800/9800F/9800M)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

385

14.156. CONNECTOR COMPOSITES (9801/9801F/9801M), P. 123

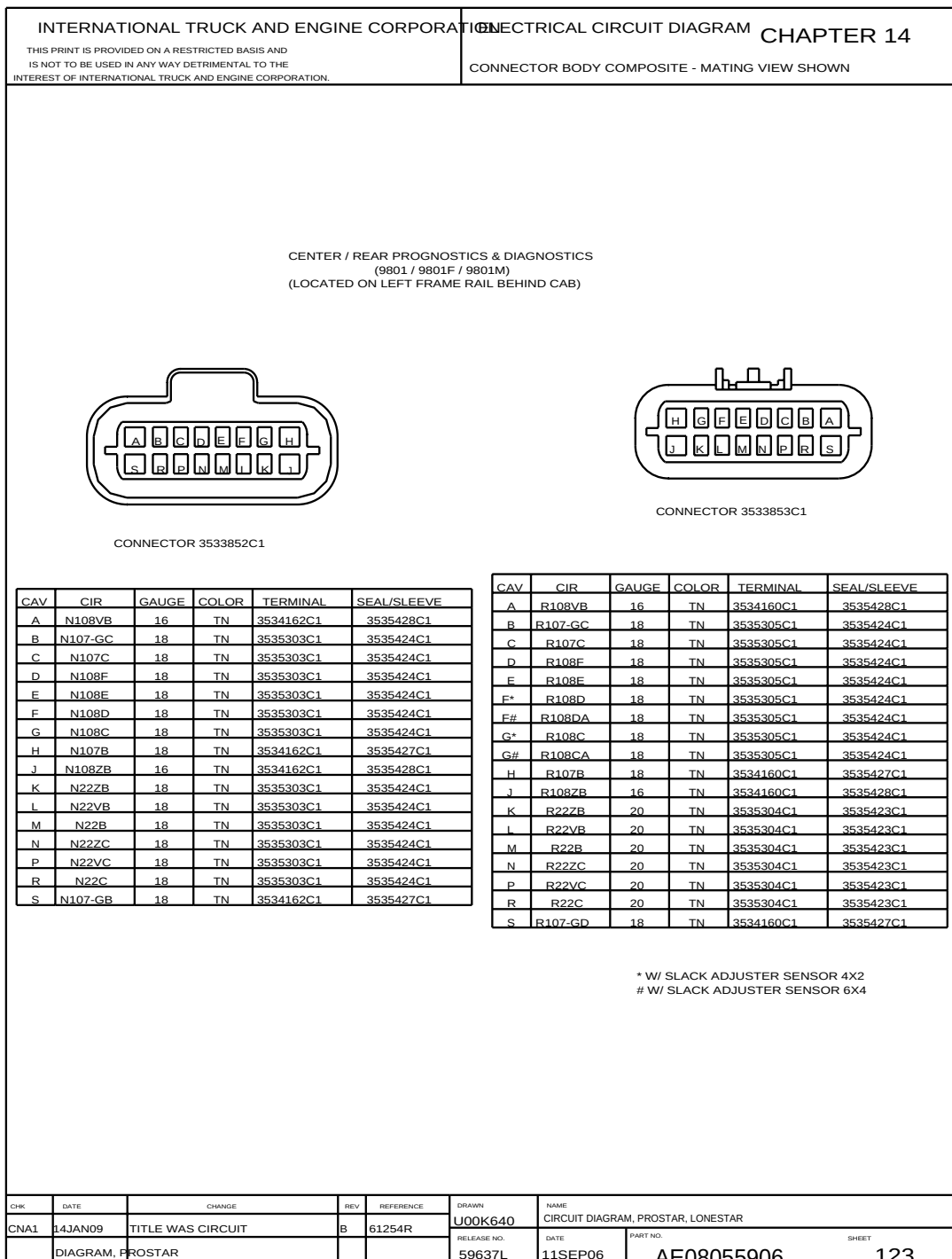


Figure 385 Connector Composites (9801/9801F/9801M)

14.157. CONNECTOR COMPOSITES (9811), (9812), (9813), P. 124

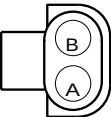
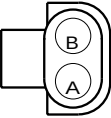
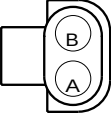
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14																			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																			
FRONT AXLE TEMP SENDER (9811) (LOCATED ON LEFT FRAME RAIL BY FORWARD REAR AXLE)  <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>R32</td><td>18</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr><tr><td>B</td><td>R9C</td><td>18</td><td>GY</td><td>0587576C1</td><td>1652325C1</td></tr></tbody></table> CONNECTOR 0587568C91						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R32	18	TN	0587576C1	1652325C1	B	R9C	18	GY	0587576C1	1652325C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																		
A	R32	18	TN	0587576C1	1652325C1																		
B	R9C	18	GY	0587576C1	1652325C1																		
REAR AXLE TEMP (6X4) SENDER (9812) (LOCATED ON LEFT FRAME RAIL BY REAR REAR AXLE)  <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>R32A</td><td>18</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr><tr><td>B</td><td>R9B</td><td>18</td><td>GY</td><td>0587576C1</td><td>1652325C1</td></tr></tbody></table> CONNECTOR 0587568C91						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R32A	18	TN	0587576C1	1652325C1	B	R9B	18	GY	0587576C1	1652325C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																		
A	R32A	18	TN	0587576C1	1652325C1																		
B	R9B	18	GY	0587576C1	1652325C1																		
REAR AXLE TEMP SENDER (4X2) (9813) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)  <table border="1"><thead><tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr></thead><tbody><tr><td>A</td><td>R32A</td><td>18</td><td>TN</td><td>0587576C1</td><td>1652325C1</td></tr><tr><td>B</td><td>R9</td><td>18</td><td>GY</td><td>0587576C1</td><td>1652325C1</td></tr></tbody></table> CONNECTOR 0587568C91						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R32A	18	TN	0587576C1	1652325C1	B	R9	18	GY	0587576C1	1652325C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																		
A	R32A	18	TN	0587576C1	1652325C1																		
B	R9	18	GY	0587576C1	1652325C1																		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																	
CNA1	14JAN09	TITLE WAS CIRCUIT	B	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																	
DIAGRAM, PROSTAR					RELEASE NO.	DATE	PART NO.																
					59637L	11SEP06	AE08055906																
						124																	

Figure 386 Connector Composites (9811), (9812), (9813)

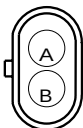
**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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14.158. CONNECTOR COMPOSITES (9814), (9815), (9816), P. 125

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6X4 FORWARD REAR AXLE DIFF
LOCKED INDICATOR SWITCH
(9814)
(LOCATED ON FRONT OF FORWARD REAR AXLE)

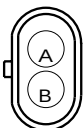


CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A*	R49A	18	GY	0587578C1	1652325C1
A#	R49	18	GY	0587578C1	1652325C1
B*	R49-GB	18	WH	0587578C1	1652325C1
B#	R49-G	18	WH	0587578C1	1652325C1

CONNECTOR 0587567C91

* W/ TWO DIFF LOCK WARN LIGHT (6X4)
W/ ONE DIFF LOCK WARN LT(6X4) W/ TAG

6X4 REAR REAR AXLE DIFF
LOCKED INDICATOR SWITCH
(9815)
(LOCATED ON FRONT OF REAR REAR AXLE)

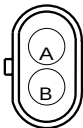


CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R49	18	GY	0587578C1	1652325C1
B*	R49-G	18	WH	0587578C1	1652325C1
B#	R49-GA	18	WH	0587578C1	1652325C1

CONNECTOR 0587567C91

* W/ ONE DIFF LOCK WARN LIGHT
W/ TWO DIFF LOCK WARN LIGHT

4X2 REAR AXLE DIFF
LOCKED INDICATOR SWITCH
(9816)
(LOCATED ON FRONT OF REAR AXLE)



CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	R49	18	GY	0587578C1	1652325C1
B	R49-G	18	WH	0587578C1	1652325C1

CONNECTOR 0587567C91

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	14JAN09	TITLE WAS CIRCUIT	C	61254R	U00K640	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
		DIAGRAM, PROSTAR			59637L	

DATE	PART NO.	SHEET
11SEP06	AE08055906	125

Figure 387 Connector Composites (9814), (9815), (9816)

14.159. CONNECTOR COMPOSITES (9830/9832), (9865/9865F/9865M), P. 126

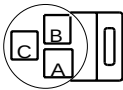
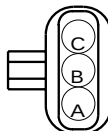
INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.	ELECTRICAL CIRCUIT DIAGRAM CHAPTER 14 CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																				
REAR LOAD INDICATOR (9830 - 4X2) (9832 - 6X4) (LOCATED ON REAR SUSPENSION AIR BAG: LEFT SIDE - 6X4 RIGHT SIDE 4X2)  CONNECTOR 1678137C1 <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R109B</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>R106B</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>R61B</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table>		CAV	CIR	GAUGE	COLOR	TERMINAL	A	R109B	18	GY	1651943C1	B	R106B	18	GY	1651943C1	C	R61B	18	GY	1651943C1																																																																
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																																	
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C	R61B	18	GY	1651943C1																																																																																	
LOAD INDICATOR CENTER CHASSIS / REAR CHASSIS (9865 / 9865M / 9865F) (LOCATED ON LEFT FRAME RAIL BEHIND CAB)  CONNECTOR 1667741C1 BODY LOCK 1667771C1  CONNECTOR 1667740C1 BODY LOCK 1667771C1 <table border="1" style="width:48%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>N109B</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>A*</td><td>N109B</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>N106B</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B*</td><td>N106B</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>N61B</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C*</td><td>N61B</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> <table border="1" style="width:48%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>R109B</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>A*</td><td>R109B</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>R106B</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B*</td><td>R106B</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>R61B</td><td>18</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C*</td><td>R61B</td><td>18</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> </tbody> </table> * W/ LONESTAR		CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N109B	18	GY	1667742C1	1661872C1	A*	N109B	18	GY	1661875C1	1661872C1	B	N106B	18	GY	1667742C1	1661872C1	B*	N106B	18	GY	1661875C1	1661872C1	C	N61B	18	GY	1667742C1	1661872C1	C*	N61B	18	GY	1661875C1	1661872C1	CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	R109B	18	GY	1661875C1	1661872C1	A*	R109B	18	GY	1667742C1	1661872C1	B	R106B	18	GY	1661875C1	1661872C1	B*	R106B	18	GY	1667742C1	1661872C1	C	R61B	18	GY	1661875C1	1661872C1	C*	R61B	18	GY	1667742C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																
A	N109B	18	GY	1667742C1	1661872C1																																																																																
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B	N106B	18	GY	1667742C1	1661872C1																																																																																
B*	N106B	18	GY	1661875C1	1661872C1																																																																																
C	N61B	18	GY	1667742C1	1661872C1																																																																																
C*	N61B	18	GY	1661875C1	1661872C1																																																																																
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A	R109B	18	GY	1661875C1	1661872C1																																																																																
A*	R109B	18	GY	1667742C1	1661872C1																																																																																
B	R106B	18	GY	1661875C1	1661872C1																																																																																
B*	R106B	18	GY	1667742C1	1661872C1																																																																																
C	R61B	18	GY	1661875C1	1661872C1																																																																																
C*	R61B	18	GY	1667742C1	1661872C1																																																																																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>CNA1</td> <td>20JAN09</td> <td>ADDED LONESTAR EFFECT</td> <td>B</td> <td>61254R</td> <td>300371</td> <td>CIRCUIT DIAGRAM, PROSTAR, LONESTAR</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO. 50297W</td> <td>DATE 18OCT07</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PART NO. AE08055906</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SHEET 126</td> </tr> </table>		CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA1	20JAN09	ADDED LONESTAR EFFECT	B	61254R	300371	CIRCUIT DIAGRAM, PROSTAR, LONESTAR						RELEASE NO. 50297W	DATE 18OCT07							PART NO. AE08055906							SHEET 126																																																	
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						SHEET 126																																																																															

Figure 388 Connector Composites (9830/9832), (9865/9865F/9865M)

LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

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14.160. CONNECTOR COMPOSITES (9900), (9901), (9902), P. 127

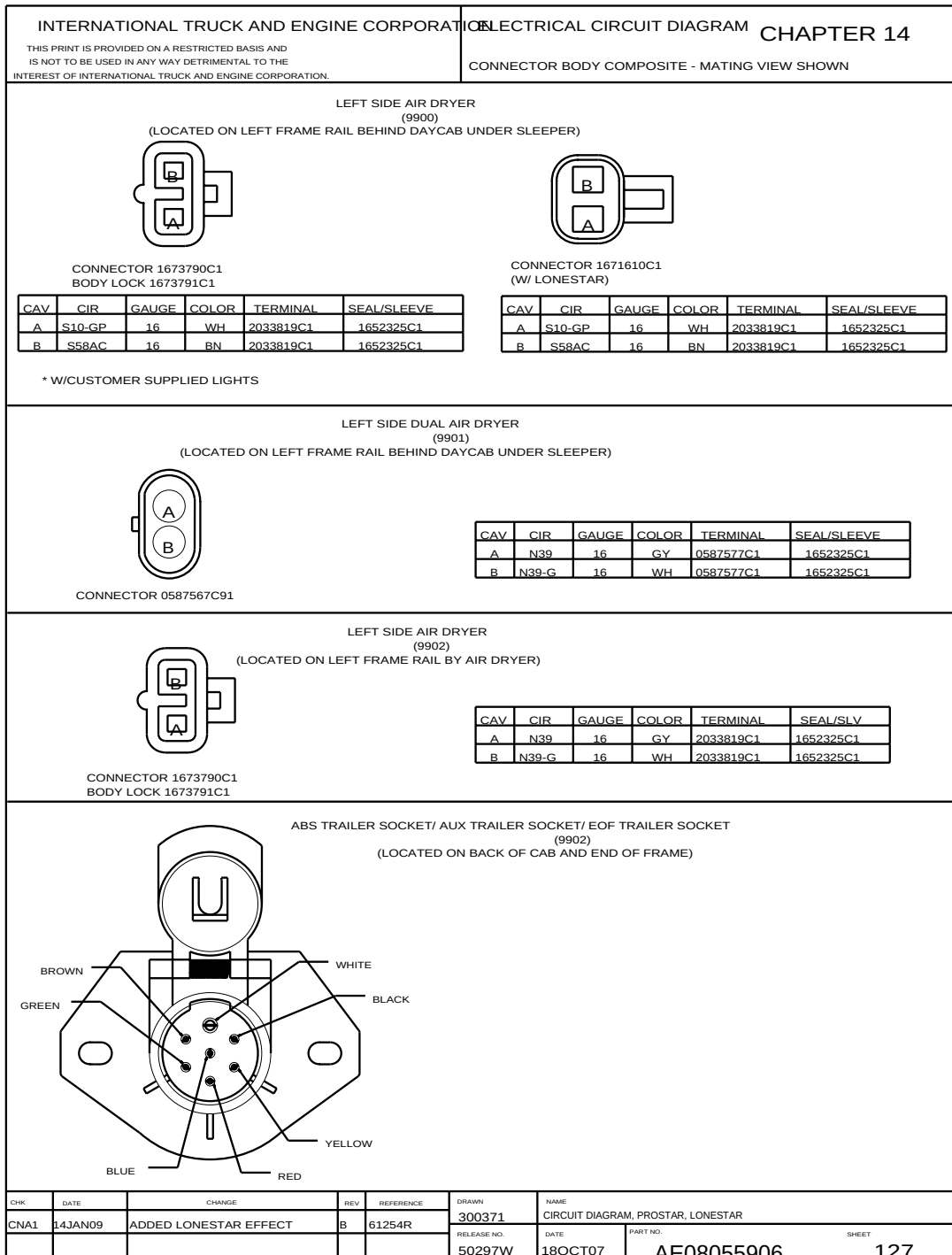


Figure 389 Connector Composites (9900), (9901), (9902)

15. SUPPLEMENT FOR CUMMINS EPA98 ISX ENGINE (PROSTAR ONLY)

15.1. ELECTRONIC ENGINE CONTROLS — CUMMINS EPA98 ISX (PROSTAR ONLY), P. 2

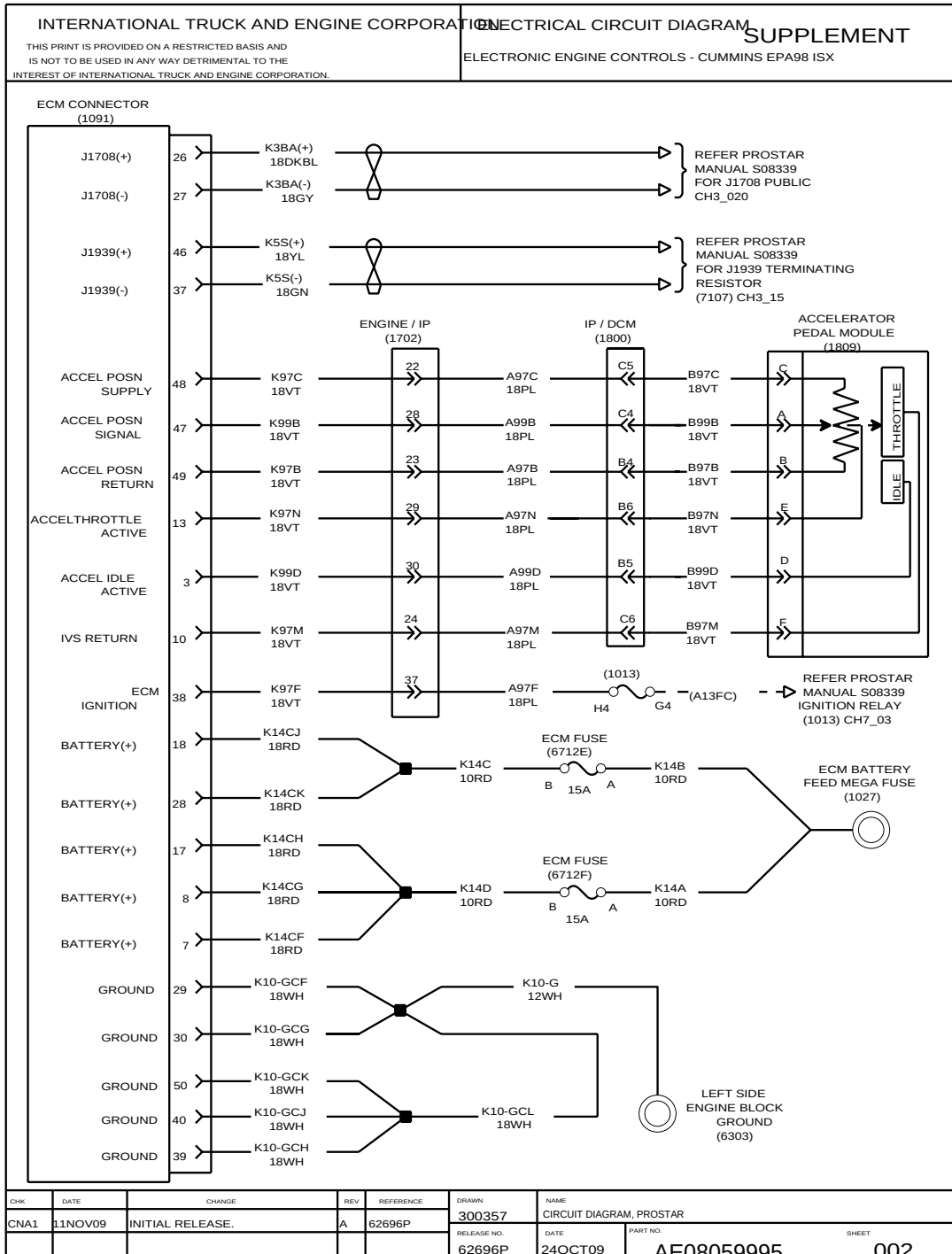


Figure 390 Electronic Engine Controls — Cummins EPA98 ISX

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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**15.2. ELECTRONIC ENGINE CONTROLS — CUMMINS EPA98 ISX (PROSTAR ONLY), P.
3**

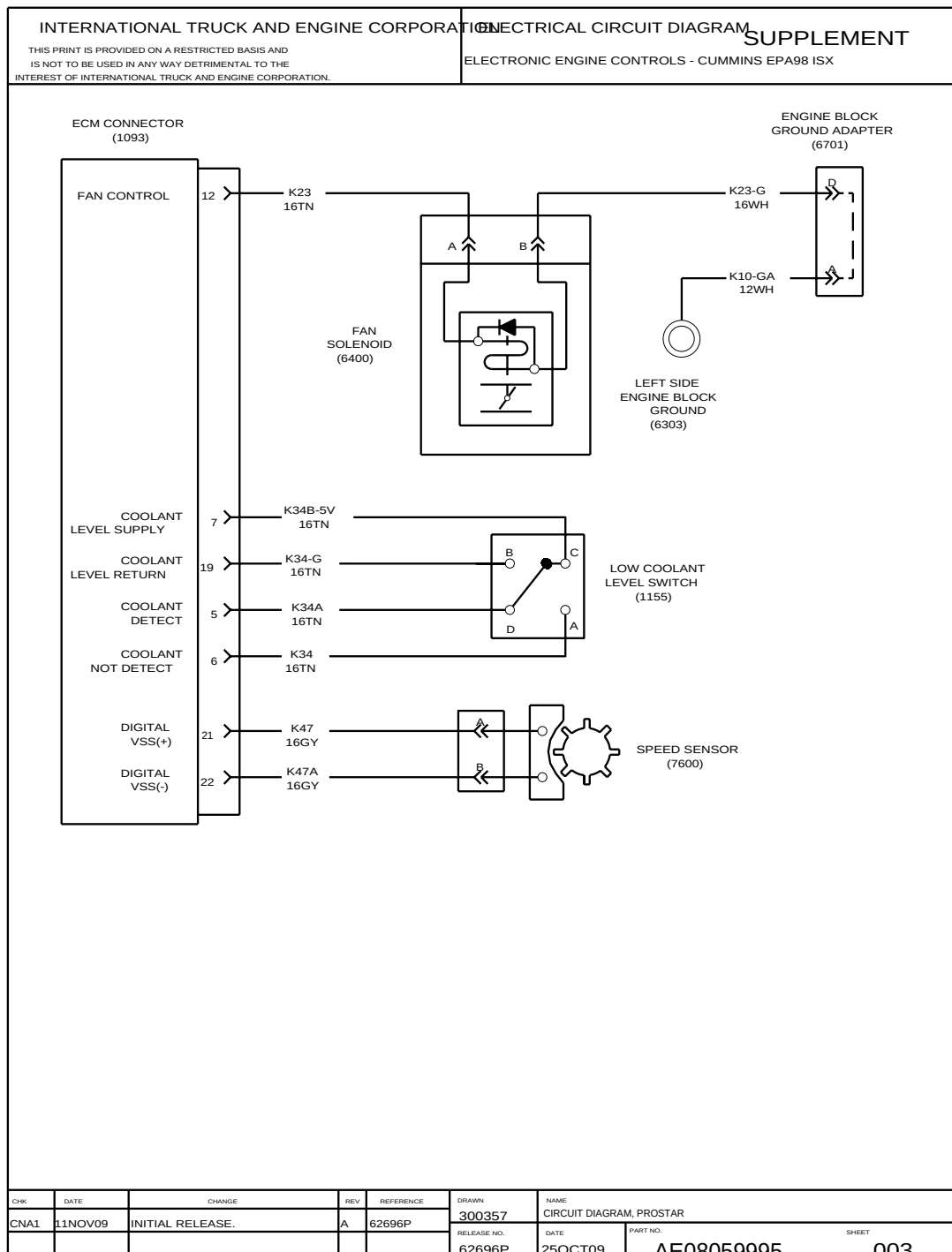


Figure 391 Electronic Engine Controls — Cummins EPA98 ISX

15.3. CONNECTOR COMPOSITES (1091), (PROSTAR ONLY), P. 4

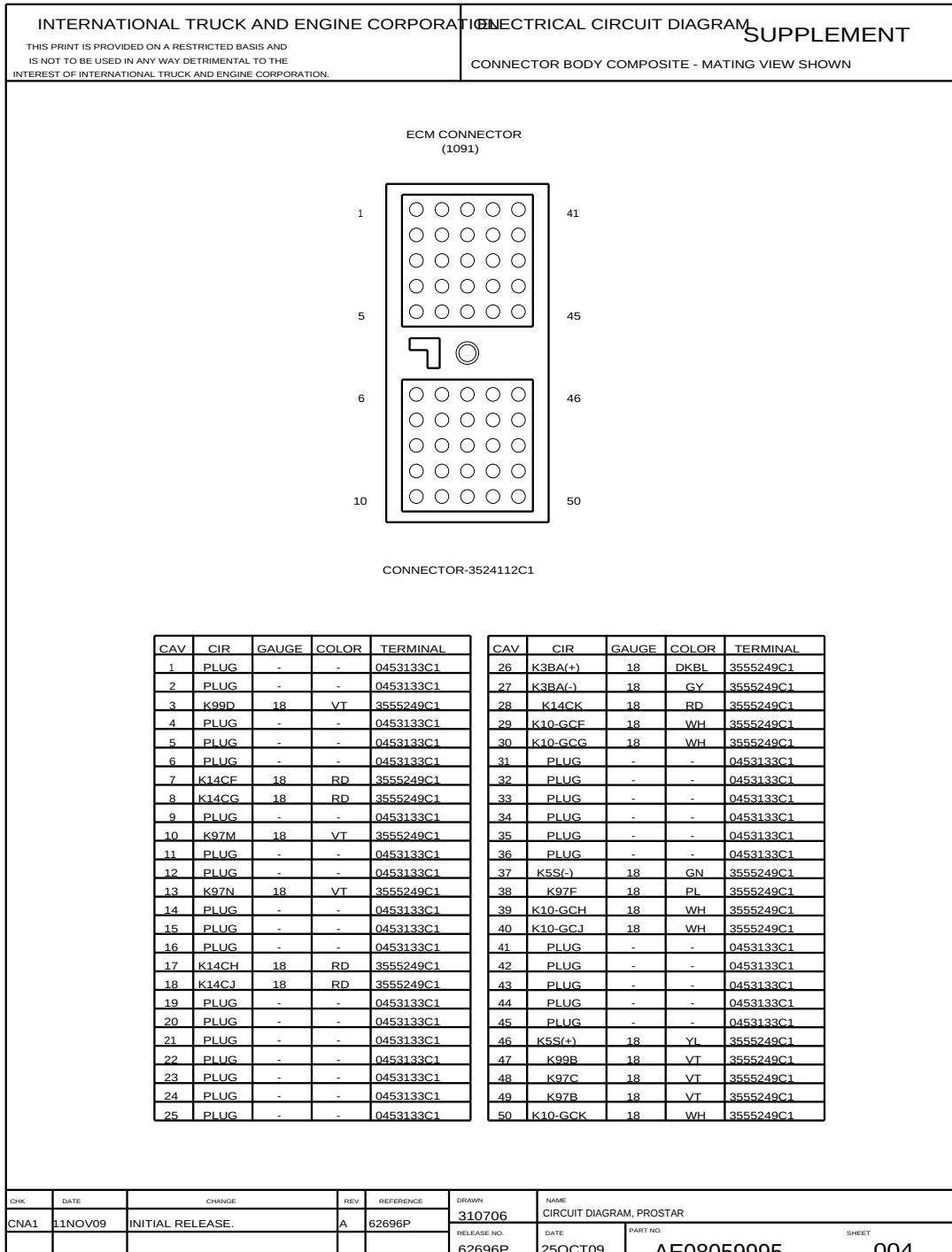


Figure 392 Connector Composites (1091)

**LoneStar® and ProStar® Chassis Built January, 2007 and After — ELECTRICAL
CIRCUIT DIAGRAMS**

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15.4. CONNECTOR COMPOSITES (1093), (1155), (PROSTAR ONLY), P. 5

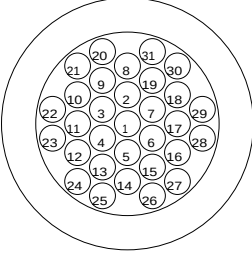
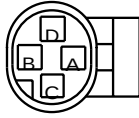
INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM SUPPLEMENT																																																																																																																																																																																																		
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Figure 393 Connector Composites (1093), (1155)