

SERVICE MANUAL

SERVICE MANUAL SECTION

RE Bus Models Built July 01, 2007 and After — ELECTRICAL CIRCUIT DIAGRAMS

**Model: RE 200
Start Date: 07/01/2007**

**Model: RE 300
Start Date: 07/01/2007**

S08334

09/14/2007

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1. TABLE OF CONTENTS (CHAPTER 1)

2. INSTRUCTIONS AND CHARTS (CHAPTER 2)

2.1. ABBREVIATIONS, P. 1

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

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DATE	PART NO.	SHEET
CNA	11JUL07	INITIAL RELEASE	A	60733V	300359	CIRCUIT DIAGRAM, RE BUS 2007			
					60733V		08MAR07	AE08057196	001

Figure 1 Abbreviations

2.2. ACRONYMS, P. 2

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 2

ACRONYMS

DESCRIPTION	ACRONYM
ANTILOCK BRAKING SYSTEM	ABS
ANTENNA COMMUNICATION UNIT	ACU
ALTERNATING CURRENT	AC
AXLE TO BACK OF CAB	AC
AXLE TO FRAME	AF
ACCELERATOR PEDAL MODULE	APM
ACCELERATOR POSITION SENSOR	APS
AUXILIARY POWER UNIT	APU
AMERICAN TRUCKING ASSOCIATION	ATA
AUTOMATIC TRACTION CONTROL	ATC
AUDIO VIDEO INTERFACE	AVI
BAROMETRIC ATMOSPHERE PRESSURE	BAP
BRAKE HORSEPOWER	BHP
BACK OF CAB	BOC
CITIZEN BAND	CB
COLD CRANKING AMPERES	CCA
CLEAN POWER ELECTRICAL CONNECTOR	CEC
CENTRAL PROCESSING UNIT	CPU
CAB OVER ENGINE	COE
DIRECT CURRENT	DC
DRIVER CONTROL MODULE	DCM
DIGITAL DATA LINK	DDL
DIESEL OXIDATION CATALYST INLET TEMPERATURE	DOCT
DIESEL PARTICULATE FILTER	DPF
DIESEL PARTICULATE FILTER DELTA PRESSURE	DPFDP
DIESEL PARTICULATE FILTER TEMPERATURE	DPFT
DIESEL TURBOCHARGED	DT
DAY TIME RUNNING LIGHTS	DTRL
ELECTRONIC CONTROL MODULE	ECM
ELECTRONIC CONTROL UNIT	ECU
EXHAUST GAS RECIRCULATION	EGR
EXHAUST GAS TEMPERATURE	EGT
ELECTRO MAGNETIC INTERFERENCE	EMI
END OF FRAME	EOF
ELECTRIC TRAILER BRAKE	ETB
FRONT AXLE	FA
FRONT END	FE
FRONT OF DASH	FOD
FULL POWER BRAKE	FPB
GLOBAL POSITIONING SYSTEM	GPS
HYDRAULIC CONTROL UNIT	HCU
HEAVY DUTY	HD

DESCRIPTION	ACRONYM
HEAVY DUTY DIESEL	HDD
HIGH PERFORMANCE TRUCK	HPT
HEATING, VENTILATION, AND AIR CONDITIONING	HVAC
INJECTOR DRIVE MODULE	IDM
INPUT / OUTPUT	I/O
INTEGRATED MOBILE COMMUNICATION TERMINAL	IMCT
INSTRUMENT PANEL	I/P
INDEPENDENT POWER TAKE-OFF	IPTO
LIGHT COMMERCIAL TRANSMISSION	LCT
LOW PRESSURE MODULE	LPM
MEDIUM DUTY	MD
MALFUNCTION INDICATION LAMP	MIL
MULTIPLEX SWITCH MODULE	MSM
PYROMETER AMMETER MODULE	PAM
POWER DISTRIBUTION CENTER	PDC
PROGRAMMABLE LOGIC CONTROLLER	PLC
POWER TAKE-OFF	PTO
PULSE WIDTH MODULATION	PWM
REAR AXLE	RA
RADIO FREQUENCY	RF
ROLL STABILITY PROGRAM	RSP
SEVERE SERVICE	SS
TRANSMISSION CONTROL MODULE	TCM
TERRESTRIAL COMMUNICATION UNIT	TCU
TERRESTRIAL MOBILE COMMUNICATION TERMINAL	TMCT
THERMAL OVERCRANK PROTECTION	TOCP
THROTTLE POSITION SENSOR	TPS
VEHICLE SPEED OUTPUT	VSO
VEHICLE SPEED SENSOR	VSS
WORLD TRANSMISSION ELECTRONIC CONTROLS	WTEC
ZERO VOLT REFERENCE	ZVR

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					RELEASE NO.	DATE
					60733V	08MAR07
						PART NO.
						AE08057196
						SHEET
						002

Figure 2 Acronyms

2.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3

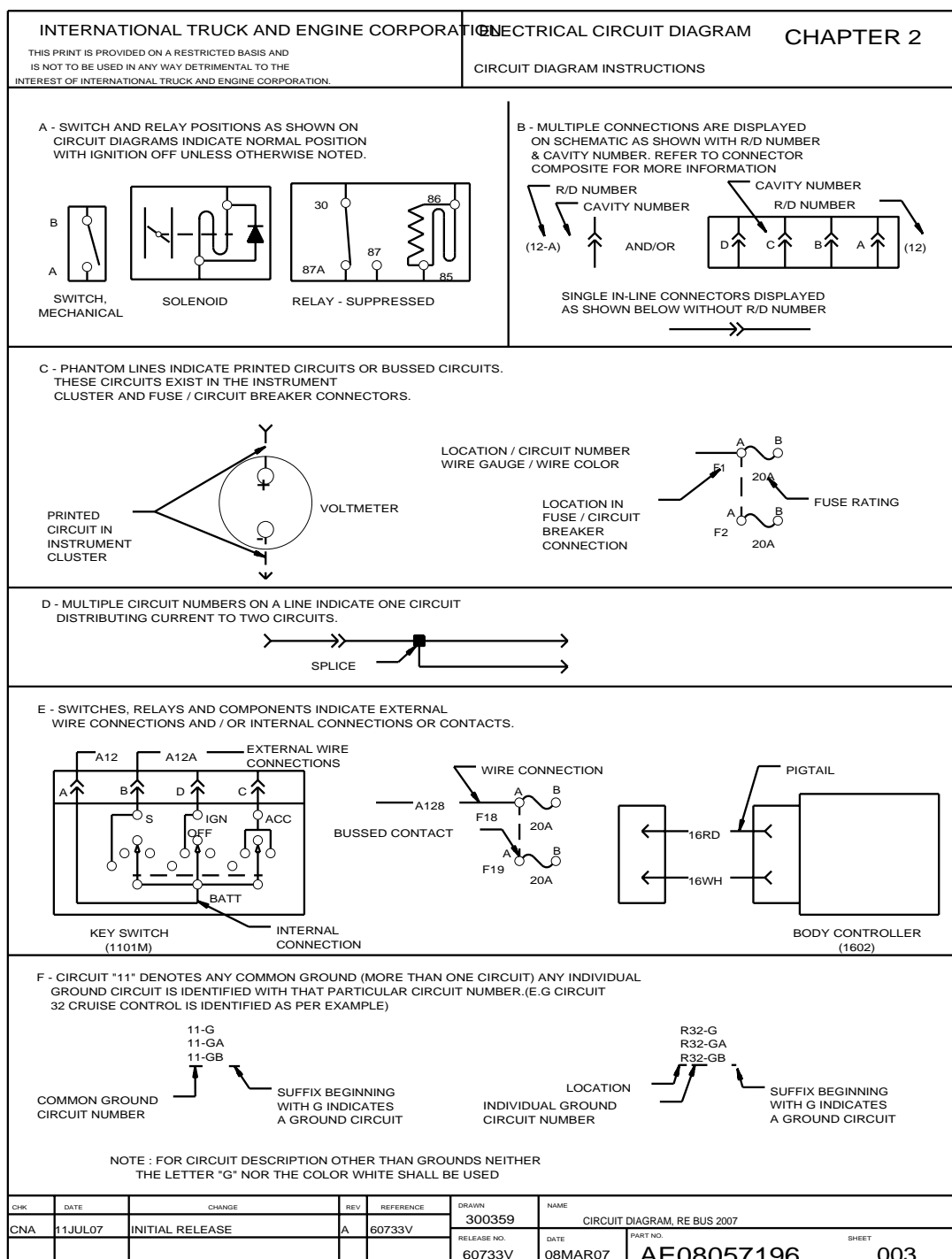


Figure 3 Circuit Diagram Instructions

2.4. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 4

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 2

CIRCUIT NUMBER IDENTIFICATION AND COLOR

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
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

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					RELEASE NO.	DATE	PART NO.
					60733V	08MAR07	AE08057196
							SHEET 004

Figure 4 Circuit Number Identification and Color

2.5. CIRCUIT NUMBER IDENTIFICATION AND COLOR, 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
46	GY	POWER TAKE-OFF 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 SENSE
68	BN	TAIL LIGHTS
69	BN	LICENSE PLATE LIGHT
70	OR	STOP LIGHTS
	RD	STOP LIGHTS (BODY BUILDER CONNECTION)
71	OR	BACK-UP - LIGHTS
	LTBL	BACK-UP - LIGHTS (BODY BUILDER CONNECTION)
72	OR	TRAILER AUXILIARY FEED - BATTERY
73	LTGN	PWM
74	LTGN	HEATER RECIRCULATION MOTOR
75	LTGN	HEATER BLOWER MOTOR
76	LTGN	AUXILIARY FAN
77	LTGN	AIR CONDITIONER
78	LTGN	MIRRORS - HEATED, MOTORIZED
79	GY	SEAT BELTS
80	BK	SLEEPER BOX RELAY - FEED
81	LTGN	POWER DOOR LOCKS
82	GY	WINDSHIELD WIPER
83	LTGN	POWER WINDOWS
84	LTGN	CIGAR LIGHTER
85	GY	HORN

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	11JUL07	INITIAL RELEASE	A	60733V	300359	CIRCUIT DIAGRAM, RE BUS 2007
					RELEASE NO.	DATE
					60733V	08MAR07
						PART NO.
						AE08057196
						SHEET
						005

Figure 5 Circuit Number Identification and Color

2.6. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 6

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 2

CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT)

CIRCUIT NUMBER	COLOR	DESCRIPTION
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 - ELECTRONIC
93	TN	AXLE SHIFT CONTROL
94	GY	ANTILOCK BRAKE SYSTEM
95	TN	EXHAUST EMISSION
96	YL	SNOWPLOW 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	INSTRUMENT CLUSTER ELECTRONIC FEED (5V)
108	GY	BRAKE PAD WEAR SENSOR
109	GY	BRAKE STROKE / SLACK ADJUSTER
110	GY	INSTRUMENT 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 RR CROSS MEMBER)
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
CNA	11JUL07	INITIAL RELEASE	A	60733V	300359	CIRCUIT DIAGRAM, RE BUS 2007
					RELEASE NO.	DATE
					60733V	08MAR07
						PART NO.
						AE08057196
						SHEET
						006

Figure 6 Circuit Number Identification and Color

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="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">BULB APPLICATION</th> <th style="text-align: left;">CANDLE POWER OR WATT</th> <th style="text-align: left;">BULB TRADE NUMBER</th> </tr> </thead> <tbody> <tr><td>BACK-UP LIGHTS</td><td>32 CP</td><td>GE1156</td></tr> <tr><td>CLEARANCE AND IDENTIFICATION SMALL</td><td>3 CP</td><td>GE168</td></tr> <tr><td>COURTESY LIGHT</td><td>21 CP</td><td>1142</td></tr> <tr><td>DOVE LIGHTS</td><td>21 CP</td><td>1142</td></tr> <tr><td>FOG LIGHTS</td><td>100 WATT</td><td>4921 - 1</td></tr> <tr><td>LOW BEAMS</td><td>55 WATT</td><td>GE9007</td></tr> <tr><td>HIGH BEAMS</td><td>60 WATT</td><td>GE9007</td></tr> <tr><td>CIGAR LIGHTER</td><td>1 CP</td><td>1455</td></tr> <tr><td>GAUGE BACK LIGHT</td><td>2 CP</td><td>194</td></tr> <tr><td>SIDE MARKER</td><td></td><td>2548</td></tr> <tr><td>STOP AND TURN / TAIL AND LICENSE PLATE</td><td>32/3 CP</td><td>3157</td></tr> <tr><td>TURN SIGNAL / MARKER (FENDER)</td><td>32/3 CP</td><td>3157</td></tr> <tr><td>TURN SIGNAL AND MARKER LIGHT</td><td></td><td>2356</td></tr> <tr><td>HEATER AND AIR CONDITIONER CONTROL</td><td>3 CP</td><td>168</td></tr> </tbody> </table>								BULB APPLICATION	CANDLE POWER OR WATT	BULB TRADE NUMBER	BACK-UP LIGHTS	32 CP	GE1156	CLEARANCE AND IDENTIFICATION SMALL	3 CP	GE168	COURTESY LIGHT	21 CP	1142	DOVE LIGHTS	21 CP	1142	FOG LIGHTS	100 WATT	4921 - 1	LOW BEAMS	55 WATT	GE9007	HIGH BEAMS	60 WATT	GE9007	CIGAR LIGHTER	1 CP	1455	GAUGE BACK LIGHT	2 CP	194	SIDE MARKER		2548	STOP AND TURN / TAIL AND LICENSE PLATE	32/3 CP	3157	TURN SIGNAL / MARKER (FENDER)	32/3 CP	3157	TURN SIGNAL AND MARKER LIGHT		2356	HEATER AND AIR CONDITIONER CONTROL	3 CP	168
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					RELEASE NO.	DATE	PART NO.																																													
					60733V	08MAR07	AE08057196																																													
							SHEET 007																																													

Figure 7 Lamp Bulb Chart

2.8. RELAY FUNCTION AND WIRING GUIDE, P. 8

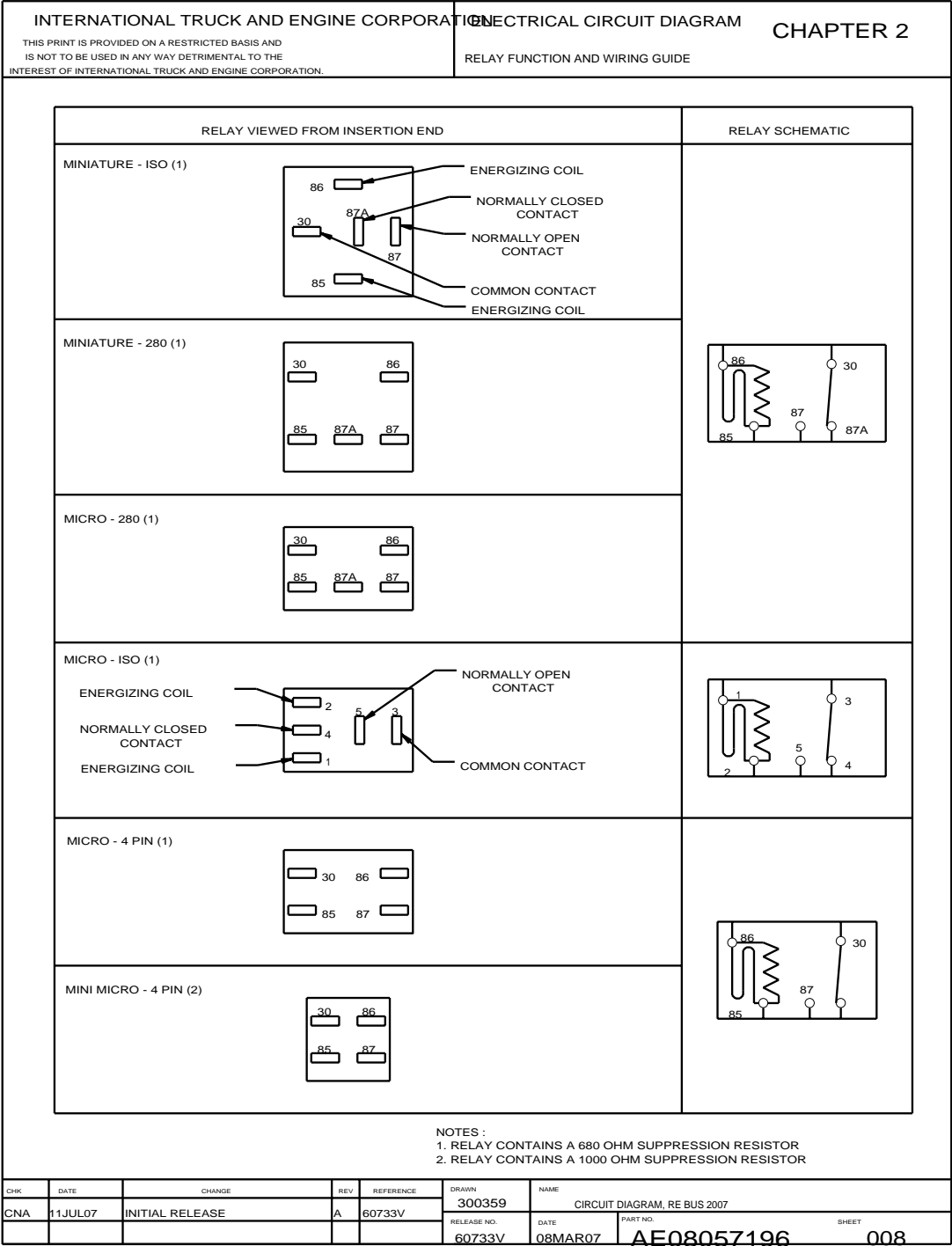


Figure 8 Relay Function and Wiring Guide

2.9. SCHEMATIC SYMBOL CHART, P. 9

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAMS 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			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	AIR DRYER		CIGAR LIGHTER		CIRCUIT BREAKER		DIODE
	ALARM		DIODE, LIGHT EMITTING		FAN SOLENOID		FEMALE TERMINAL
	ALTERNATOR		FUSE				
	AMMETER						
	BATTERY						
	BLUNT CUT CIRCUIT						
	BUSBAR						

Figure 9 Schematic Symbol Chart

2.10. SCHEMATIC SYMBOL CHART, P. 10

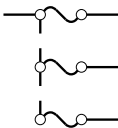
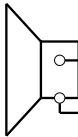

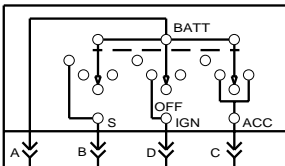

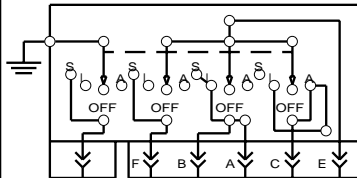

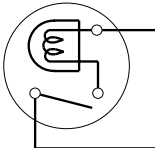

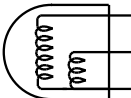


INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					SCHEMATIC SYMBOL CHART (CONT)			
SYMBOL		DESCRIPTION		SYMBOL		DESCRIPTION		
		FUSES W/ BUSBAR				HORN		
		FUSIBLE LINK				KEY SWITCH		
		GROUND N/ STUD				KEY SWITCH COMPLEX		
		STUD				LIGHT W/ SWITCH		
		HEATER				LIGHT, DOUBLE FILAMENT		
		HOLDER, FUSE W/ BUSBAR				LIGHT, SINGLE FILAMENT		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
CNA	11JUL07	INITIAL RELEASE	A	60733V	300357	CIRCUIT DIAGRAM, RE BUS 2007		
					RELEASE NO.	DATE	PART NO.	
					60733V	26MAR07	AE08057196	
							SHEET	
							010	

Figure 10 Schematic Symbol Chart

2.11. SCHEMATIC SYMBOL CHART, P. 11

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)																																									
<table><tr><th>SYMBOL</th><th>DESCRIPTION</th></tr><tr><td></td><td>MALE TERMINAL</td></tr><tr><td></td><td>MOTOR</td></tr><tr><td></td><td>PASS THRU CONNECTION</td></tr><tr><td></td><td>PRESSURE SWITCH</td></tr><tr><td></td><td>RELAY, FIVE TERMINAL</td></tr><tr><td></td><td>RELAY, FOUR TERMINAL</td></tr><tr><td></td><td>RELAY, LATCHING</td></tr></table>					SYMBOL	DESCRIPTION		MALE TERMINAL		MOTOR		PASS THRU CONNECTION		PRESSURE SWITCH		RELAY, FIVE TERMINAL		RELAY, FOUR TERMINAL		RELAY, LATCHING	<table><tr><th>SYMBOL</th><th>DESCRIPTION</th></tr><tr><td></td><td>RESISTOR</td></tr><tr><td></td><td>SENDER - FUEL, OIL, TEMP, WATER</td></tr><tr><td></td><td>SENSOR, PRESSURE ABS6</td></tr><tr><td></td><td>SENSOR, MAGNETIC</td></tr><tr><td></td><td>SENSOR, YAW</td></tr><tr><td></td><td>SOLENOID</td></tr><tr><td></td><td>SOLENOID W/ DIODE</td></tr></table>										SYMBOL	DESCRIPTION		RESISTOR		SENDER - FUEL, OIL, TEMP, WATER		SENSOR, PRESSURE ABS6		SENSOR, MAGNETIC		SENSOR, YAW		SOLENOID		SOLENOID W/ DIODE
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					RELEASE NO.	DATE	PART NO.	SHEET																																						
					60733V	08MAR07	AE08057196	011																																						

Figure 11 Schematic Symbol Chart

2.12. SCHEMATIC SYMBOL CHART, P. 12

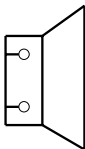
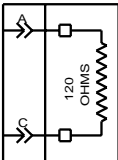

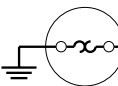
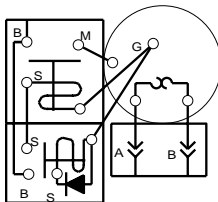
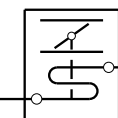

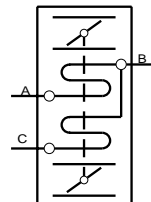

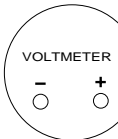


INTERNATIONAL TRUCK AND ENGINE CORPORATION					ELECTRICAL CIRCUIT DIAGRAM					CHAPTER 2				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.					SCHEMATIC SYMBOL CHART (CONT)									
SYMBOL		DESCRIPTION			SYMBOL		DESCRIPTION							
		SPEAKER					TERMINATING RESISTOR							
		SPLICE					THERMOSTAT							
		STARTER MOTOR W/ MAGNETIC SWITCH & W/ THERMAL OVERCRANK					VALVE, ETHER BOTTLE							
		SWITCH, MECHANICAL (NORMALLY OPEN)					VALVE, MODULATOR							
		SWITCH, MECHANICAL (NORMALLY CLOSED)					VOLTMETER							
		SWITCH, PUSH BUTTON					THERMISTOR							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME								
		INITIAL RELEASE	A	60733V	300359	CIRCUIT DIAGRAM, RE BUS 2007								
					RELEASE NO.	DATE	PART NO.	SHEET						
					60733V	08MAR07	AE08057196	012						

Figure 12 Schematic Symbol Chart

3. POWER DISTRIBUTION (CHAPTER 3)

3.1. BATTERY FEED, P. 1

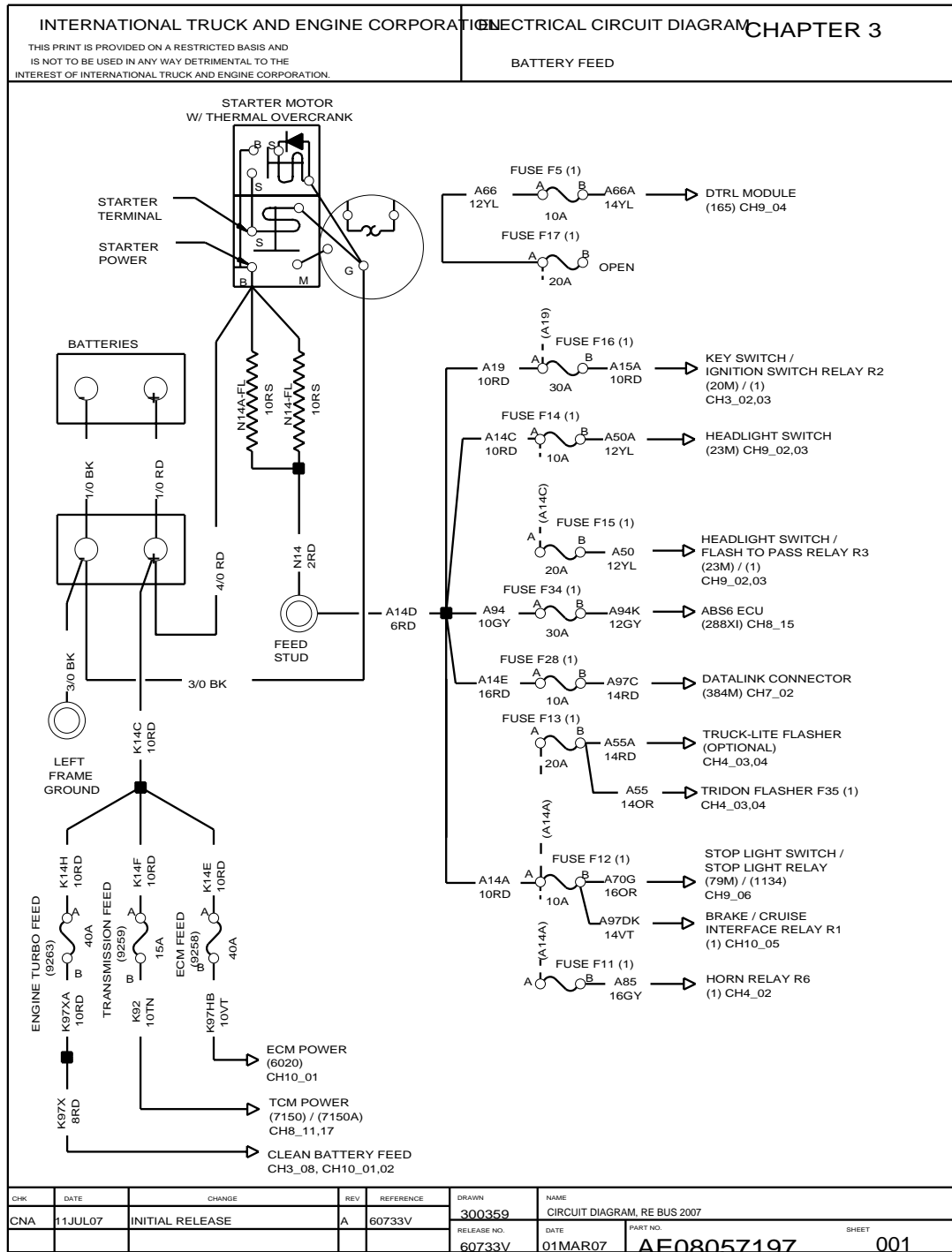


Figure 13 Battery Feed

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 3

IGNITION FEED

FEED STUD CH3_01

IGNITION SWITCH RELAY R2 (1)

KEY SWITCH (20M)

GROUND

PLATFORM GROUND (MOUNTED ON DASH PANEL)

IGNITION FEED

FUSE F29 (1)

FUSE F23 (1)

FUSE F22 (1)

FUSE F25 (1)

FUSE F24 (1)

FUSE F18 (1)

FUSE F19 (1)

FUSE F20 (1)

FUSE F27 (1)

FUSE F26 (1)

PARK BRAKE INTERLOCK SOLENOID (996M) CH8_22

BRAKE / CRUISE INTERFACE RELAY R1 (1) CH10_05

RETARDER OVER TEMP / ALLISON LCT XMSN (925) / (7150) CH8_10,18

ABS WARNING LIGHT RELAY (284) CH8_15

INSTRUMENT CLUSTER- NATURAL (12M) CH6_02, CH7_01,04

INSTRUMENT CLUSTER- NATURAL (12M) CH6_02, CH7_06

INSTRUMENT CLUSTER- GREEN (11M) CH6_01,03, CH7_04

INSTRUMENT CLUSTER- NATURAL (12M) CH6_02, CH7_01

ABS WARNING LIGHT (297) CH8_15

MIL (10) CH7_04

FUEL FILTER LIGHT (69) CH7_05

ACCELERATOR PEDAL SWITCH (382M) CH10_04

AUDIBLE ALARM (211M) CH7_01

AFTER AUDIBLE ALARM (1153) CH7_04

NORMALLY CLOSED BRAKE SWITCH (78M) CH9_06

CRANKING SYSTEM / PARKER HANNAFIN FAN DRIVE CONNECTOR (4321M) CH5_02,03

PARKED REGEN SWITCH (1150) CH5_06

REGEN INHIBIT SWITCH (1152) CH5_06

REGEN INDICATOR (1151) CH5_06

WATER IN FUEL JUMPER MODULE (3116) CH7_04

MSM1 GRAY CONN (3114) CH7_04

ABS6 ECU (288X1) CH8_15

BODY BUILDER CONNECTOR (169M) CH8_23

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DATE	PART NO.	SHEET
CNA	11JUL07	INITIAL RELEASE	A	60733V	300359	CIRCUIT DIAGRAM, RE BUS 2007	01MAR07	AE08057197	002
					RELEASE NO.				
					DATE				

Figure 14 Ignition Feed

3.3. ACCESSORY FEED, P. 3

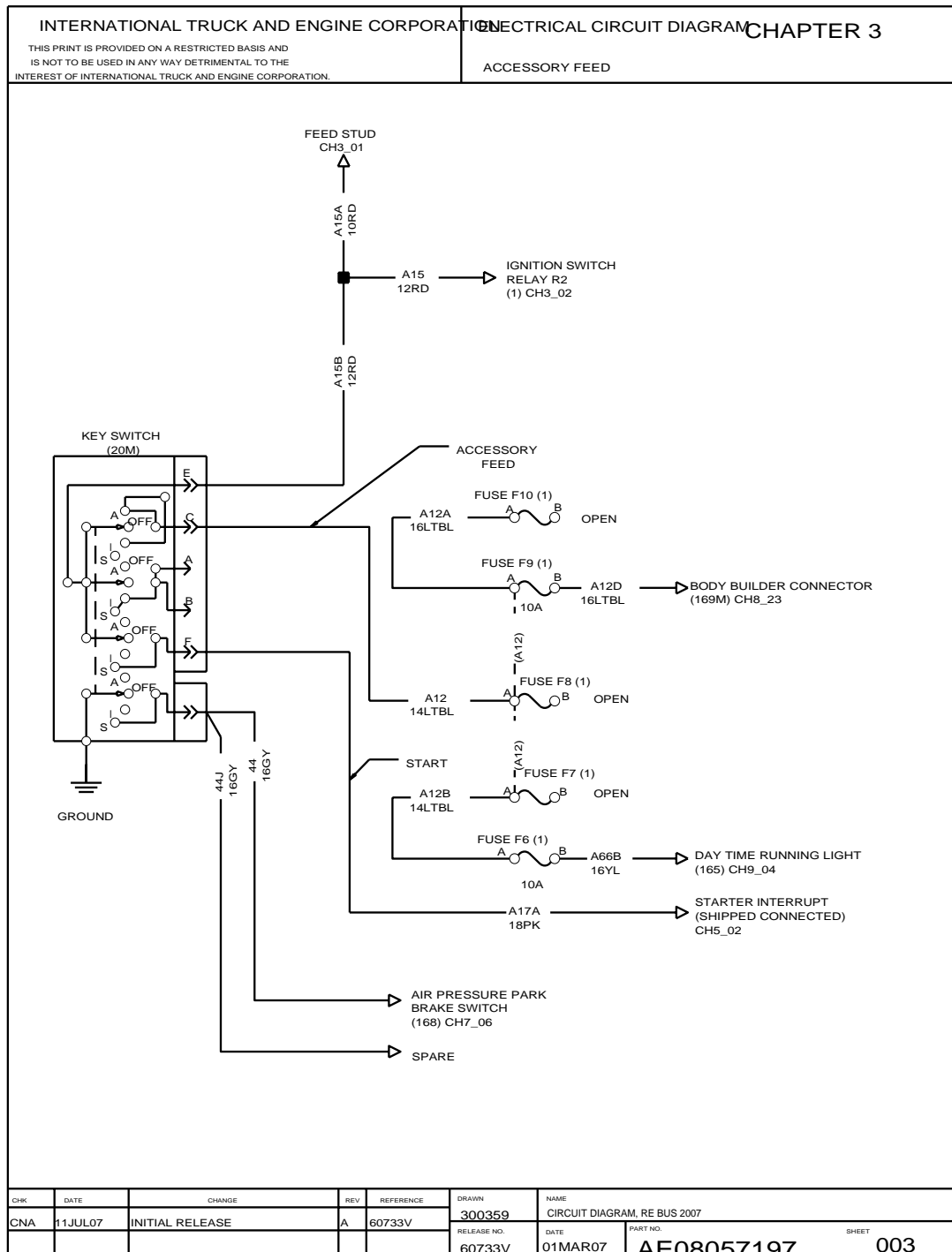


Figure 15 Accessory Feed

3.4. GROUND, P. 4

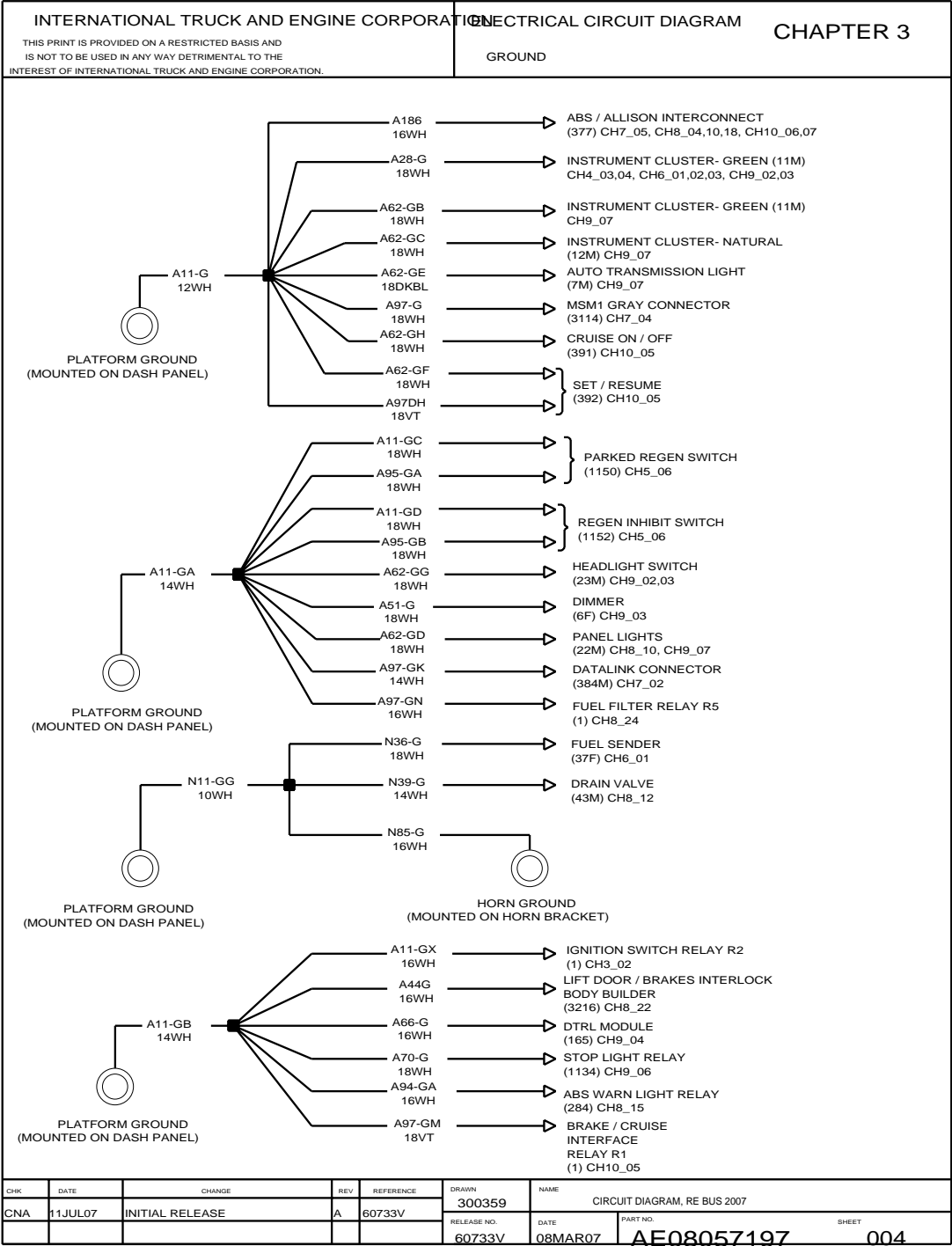


Figure 16 Ground

3.5. GROUND, P. 5

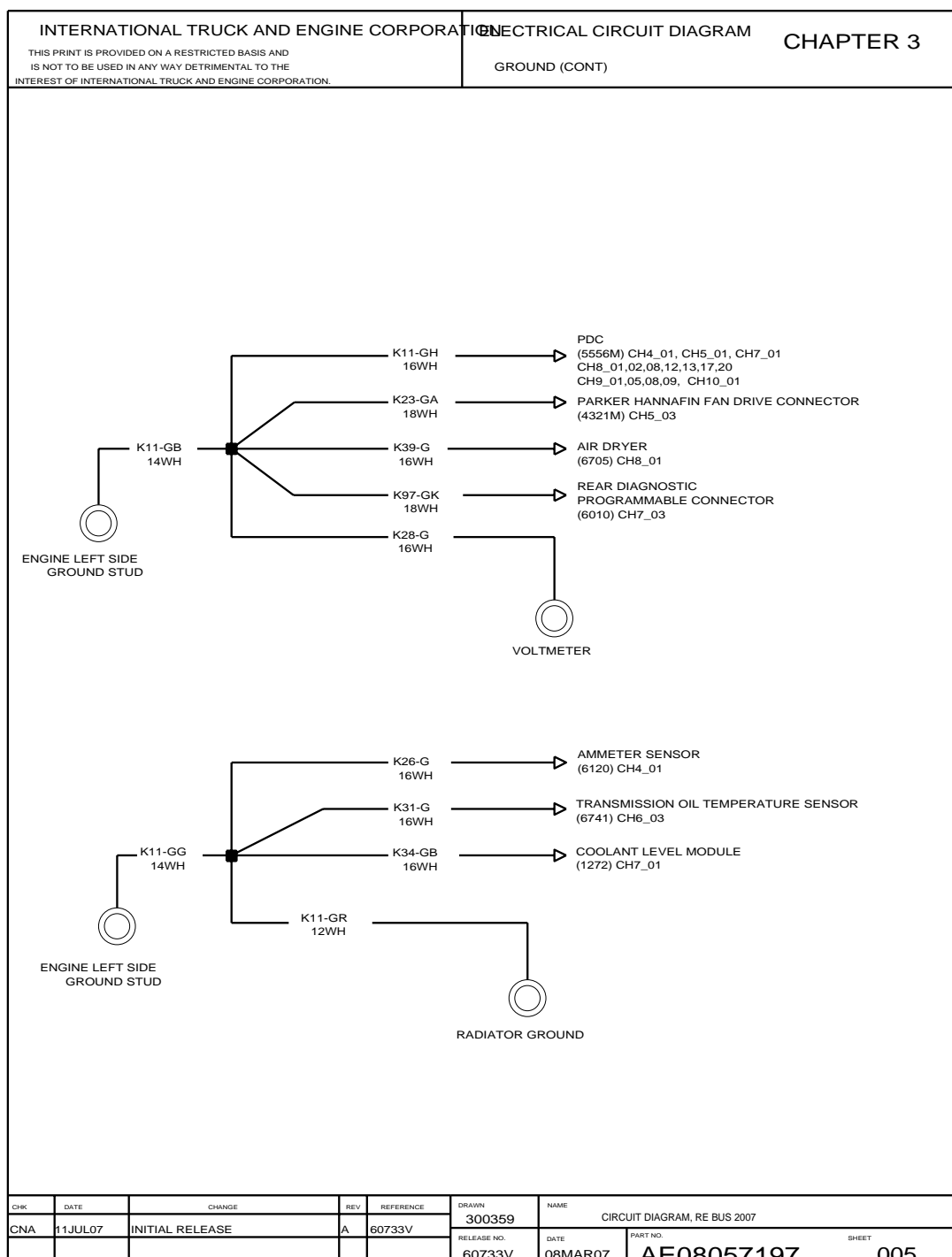


Figure 17 Ground

3.6. POWER DISTRIBUTION CONTROL MODULE, P. 6

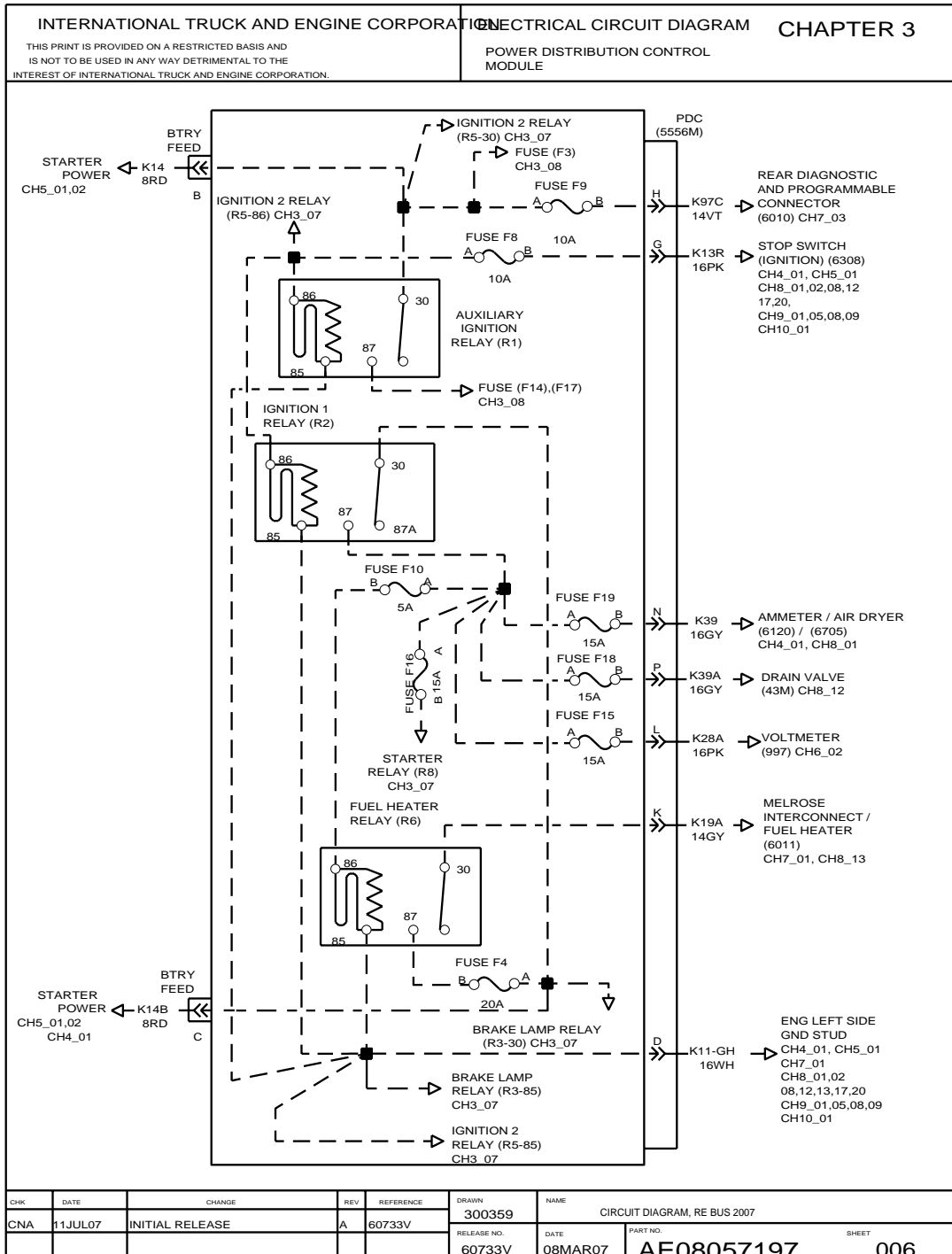


Figure 18 Power Distribution Control Module

3.7. POWER DISTRIBUTION CONTROL MODULE, P. 7

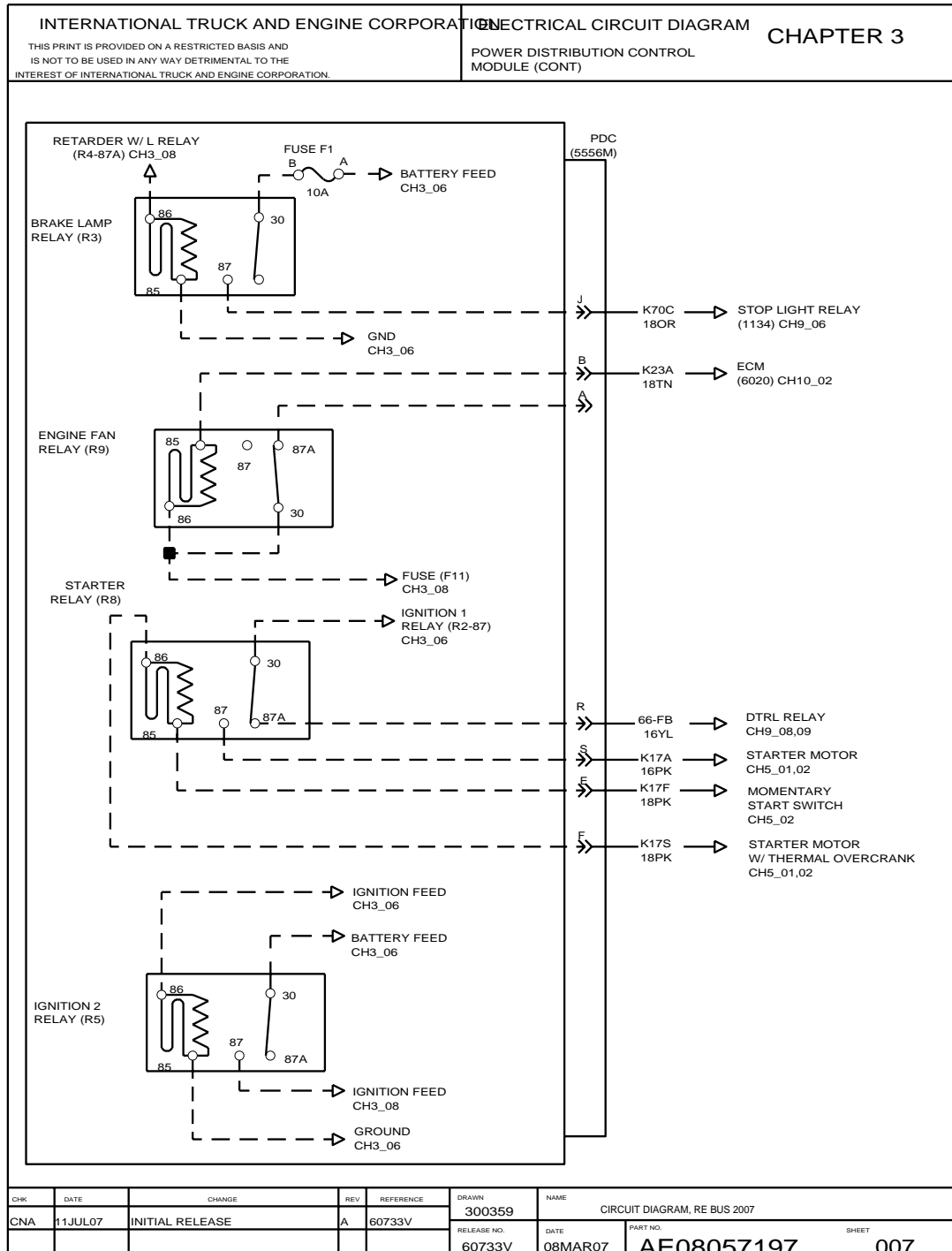


Figure 19 Power Distribution Control Module

3.8. POWER DISTRIBUTION CONTROL MODULE, P. 8

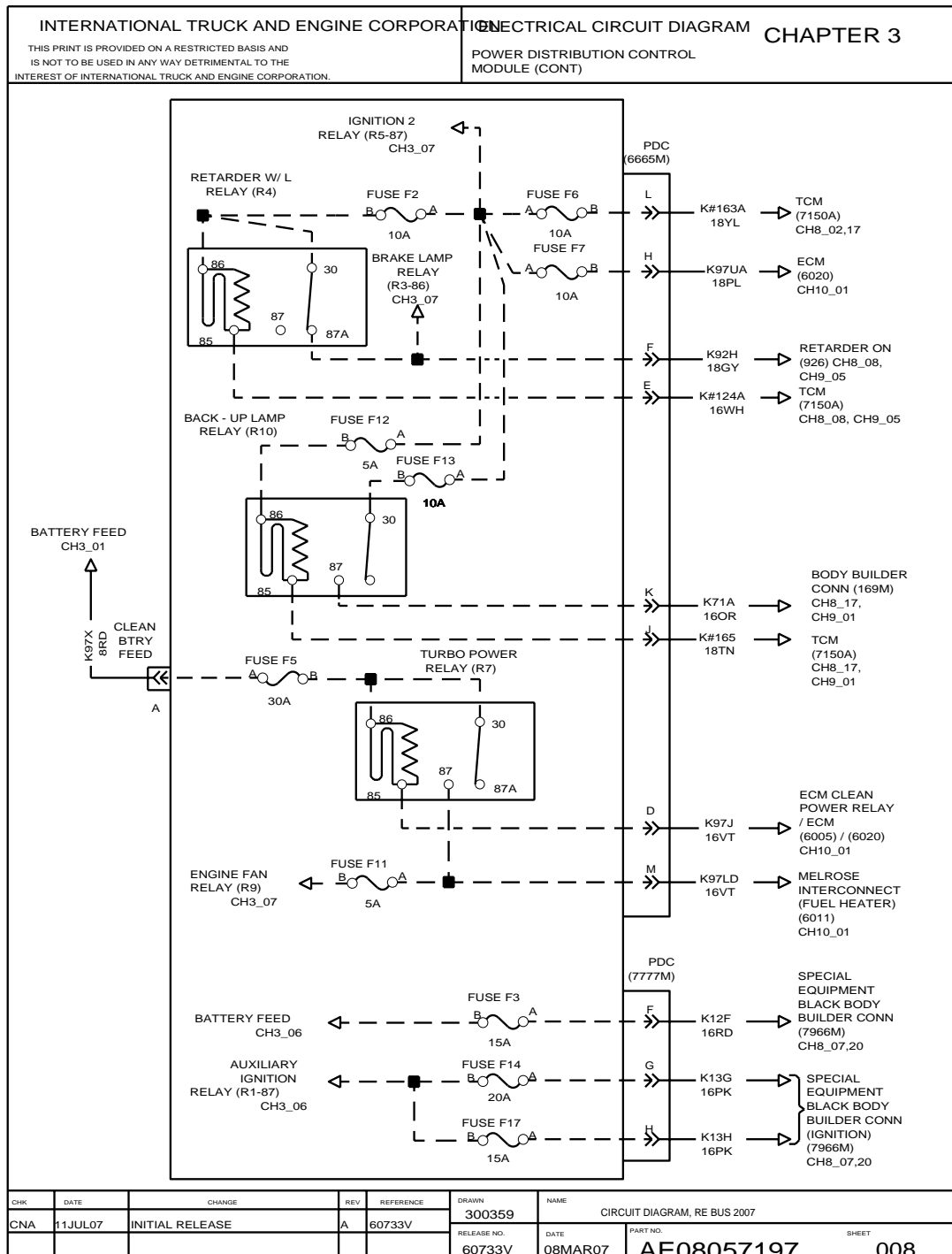


Figure 20 Power Distribution Control Module

4. CAB ACCESSORIES (CHAPTER 4)

4.1. AMMETER, P. 1

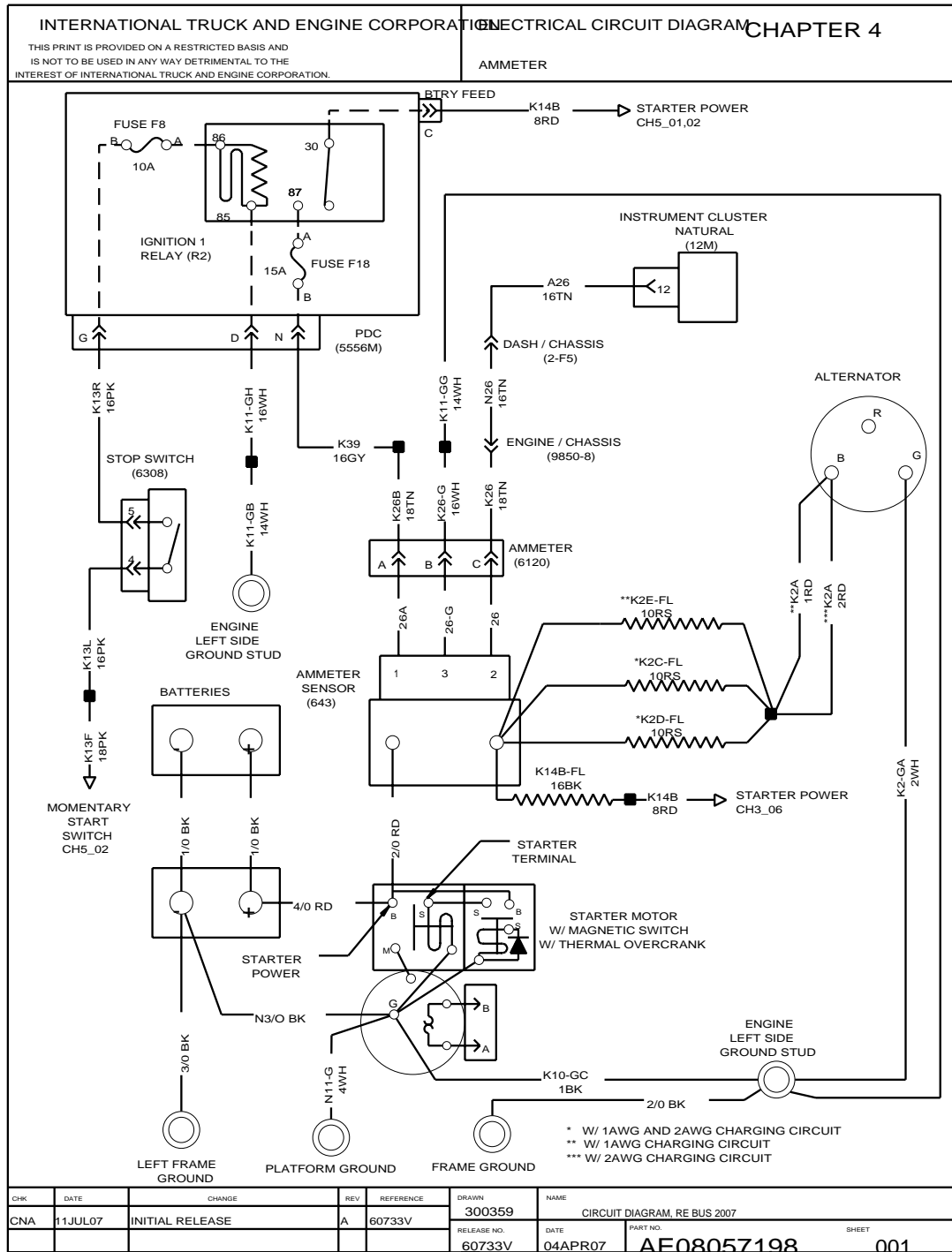


Figure 21 Ammeter

4.2. HORN, P. 2

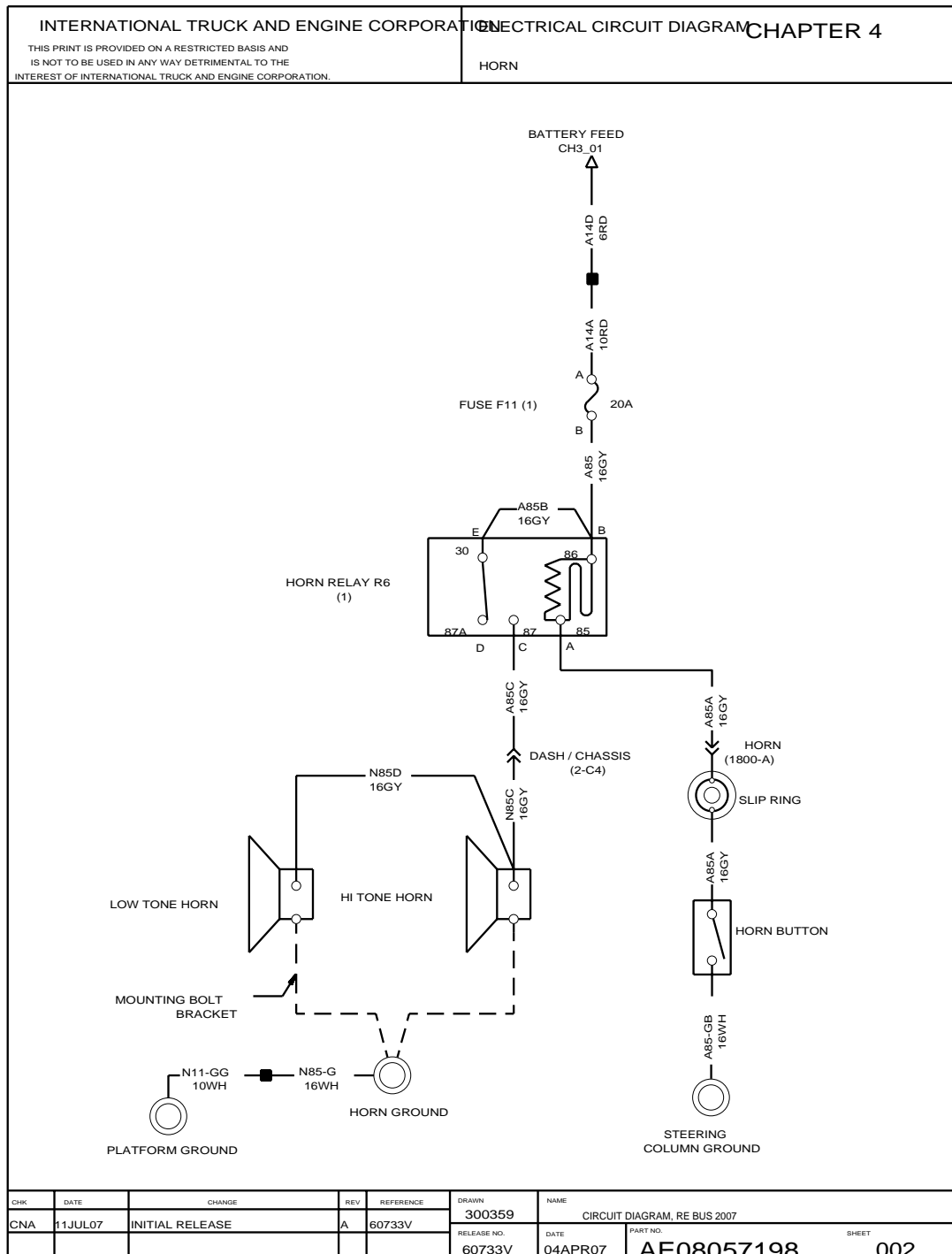


Figure 22 Horn

4.3. TURN SIGNALS, INTERNATIONAL T/S SWITCH (STATIONARY COLUMN), P. 3

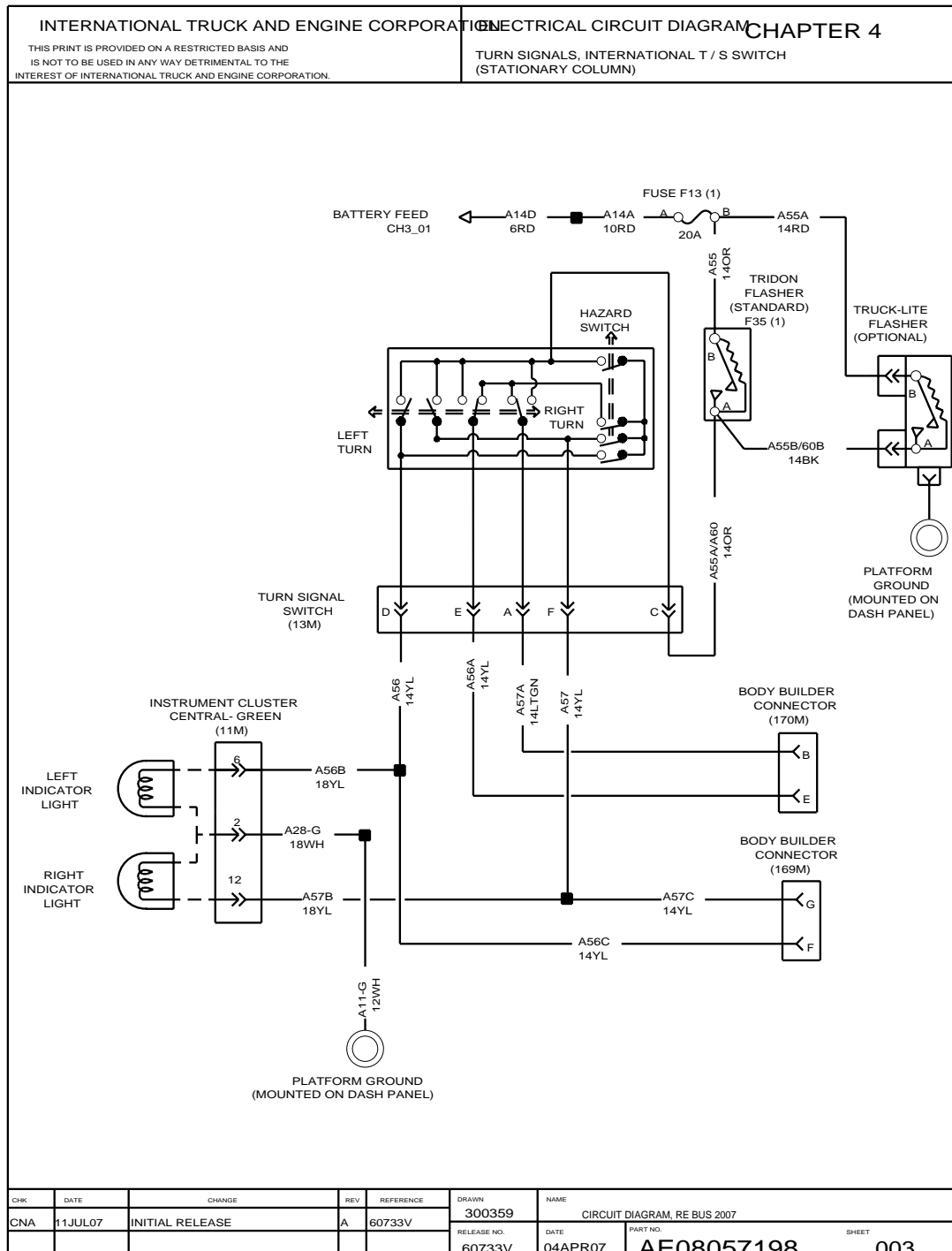


Figure 23 Turn Signals, International T/S Switch (Stationary Column)

4.4. TURN SIGNALS, DOUGLAS T/S SWITCH (TILT COLUMN), P. 4

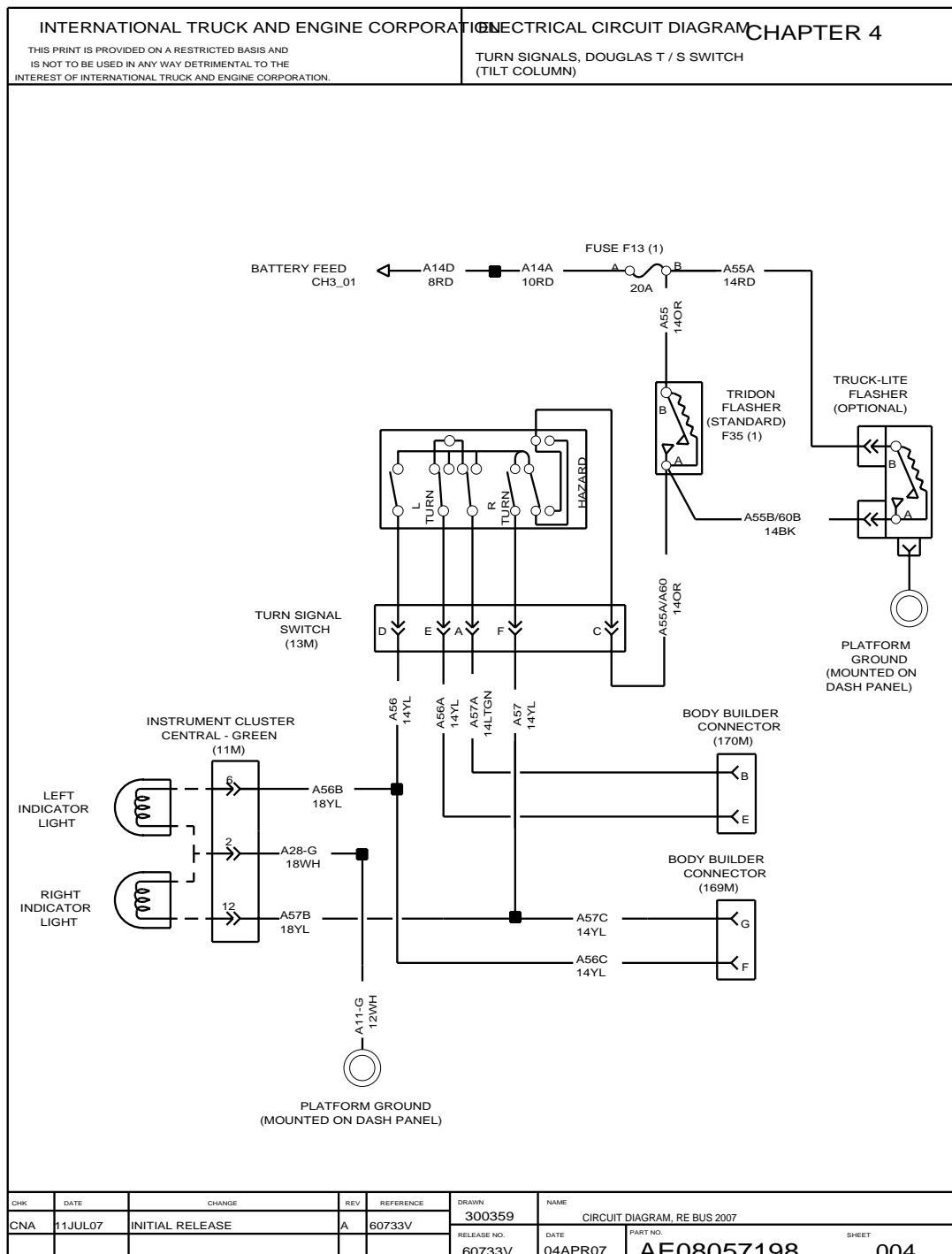


Figure 24 Turn Signals, Douglas T/S Switch (Tilt Column)

5. ENGINE SYSTEMS (CHAPTER 5)

5.1. CHARGING SYSTEM, P. 1

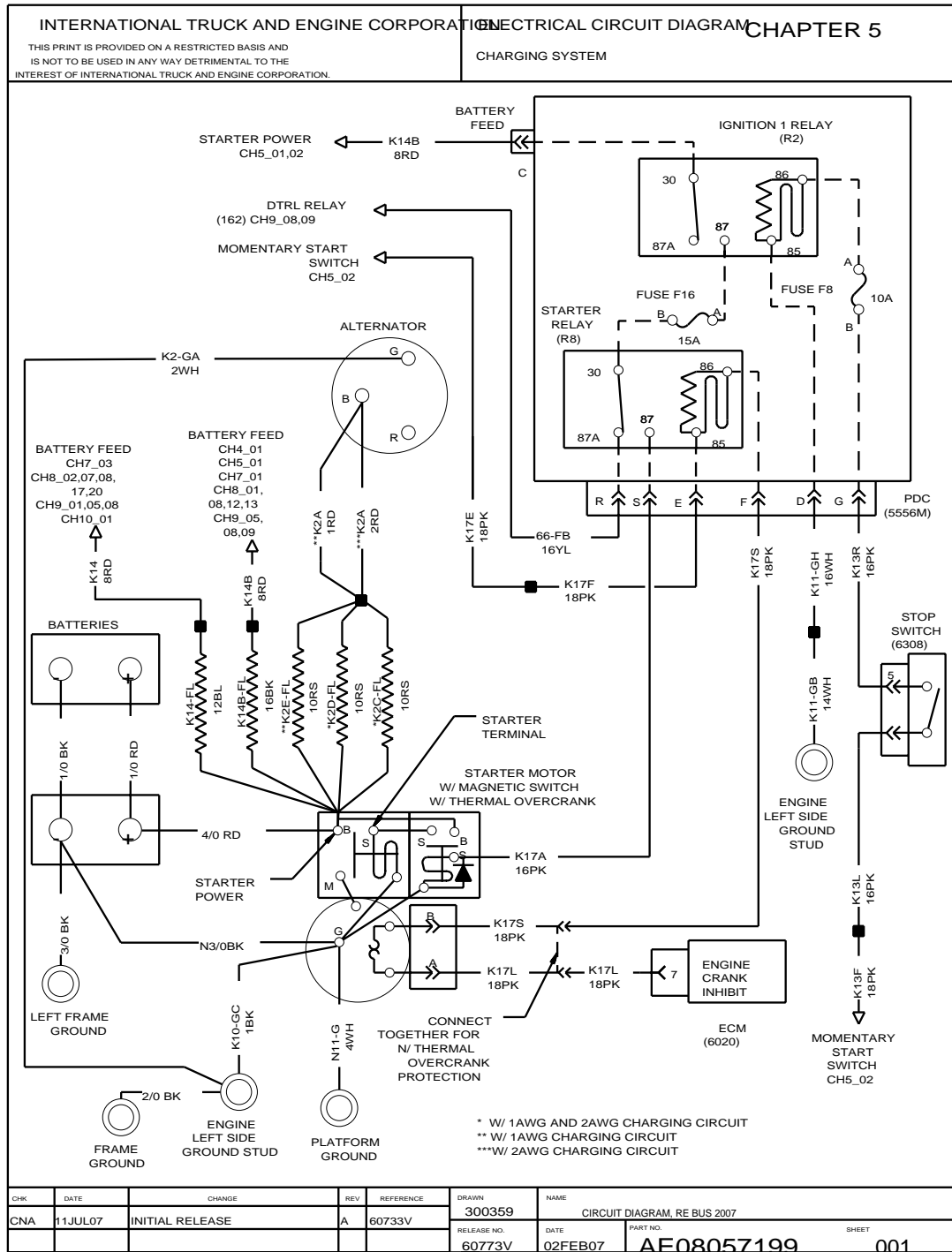


Figure 25 Charging System

5.2. CRANKING SYSTEM (12V), WITH STARTER OVERCRANK PROTECTION WITH I6, P. 2

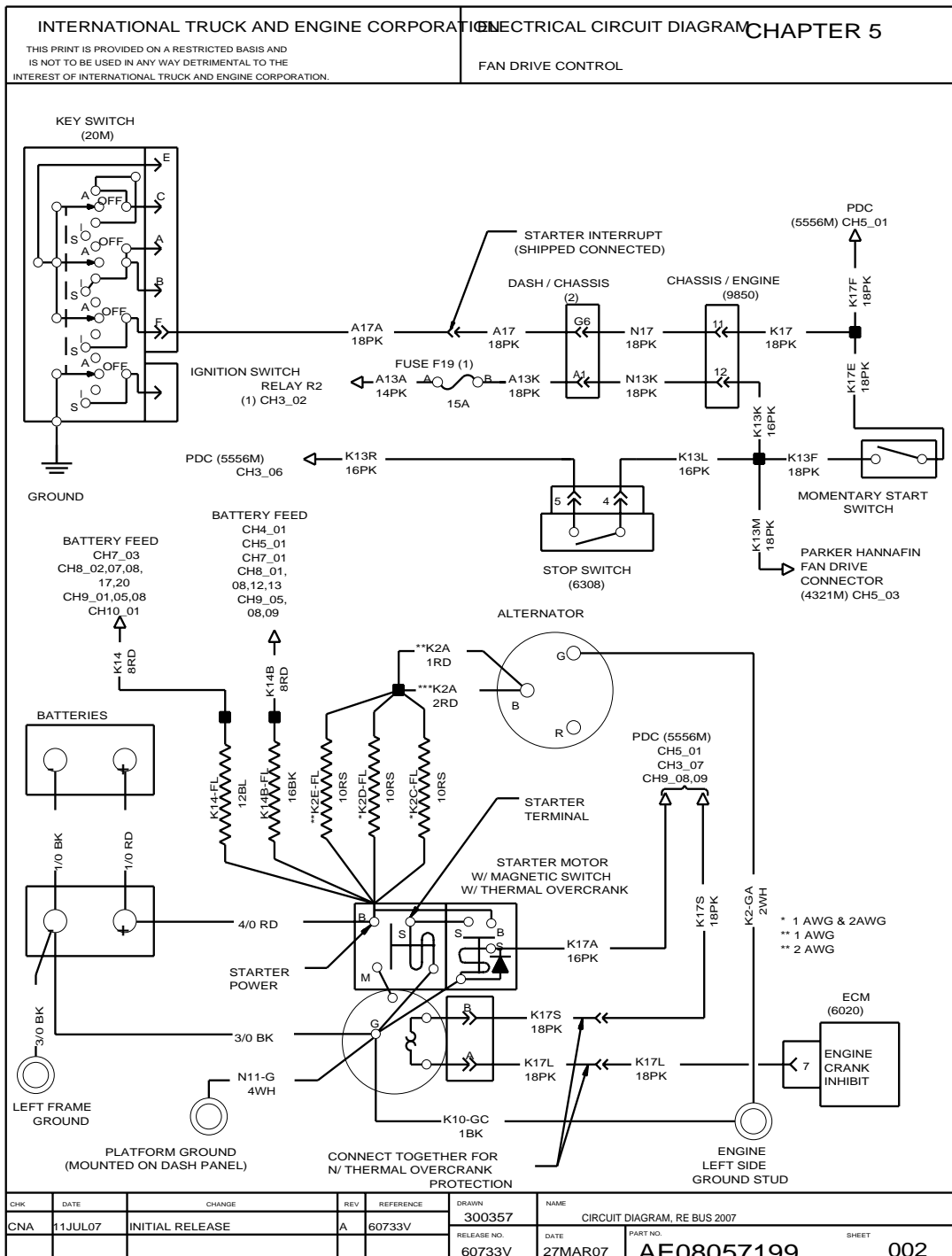


Figure 26 Cranking System (12V), with Starter Overcrank Protection with I6

5.3. FAN DRIVE CONTROL, P. 3

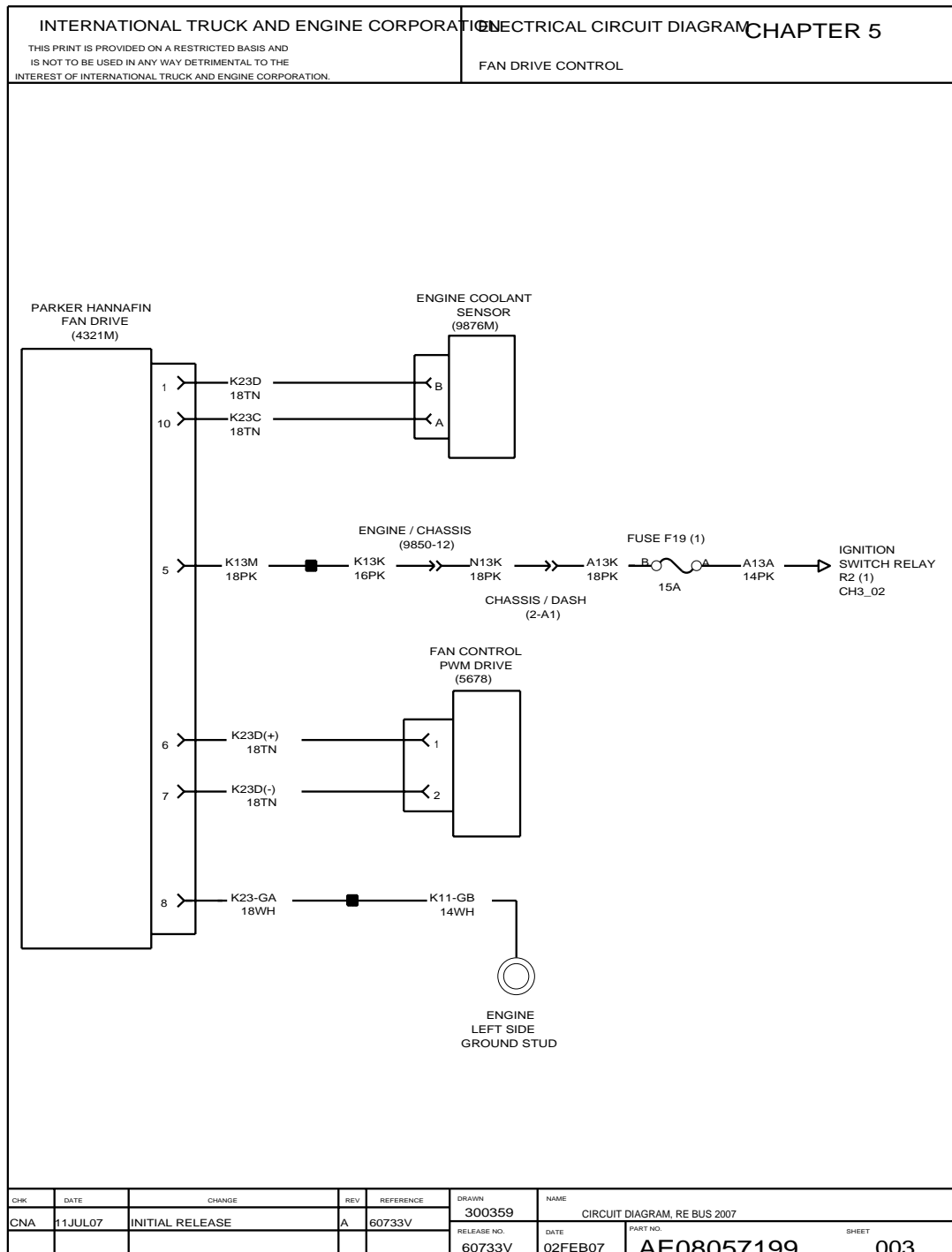


Figure 27 Fan Drive Control

5.4. I6 GRID HEATER, P. 4

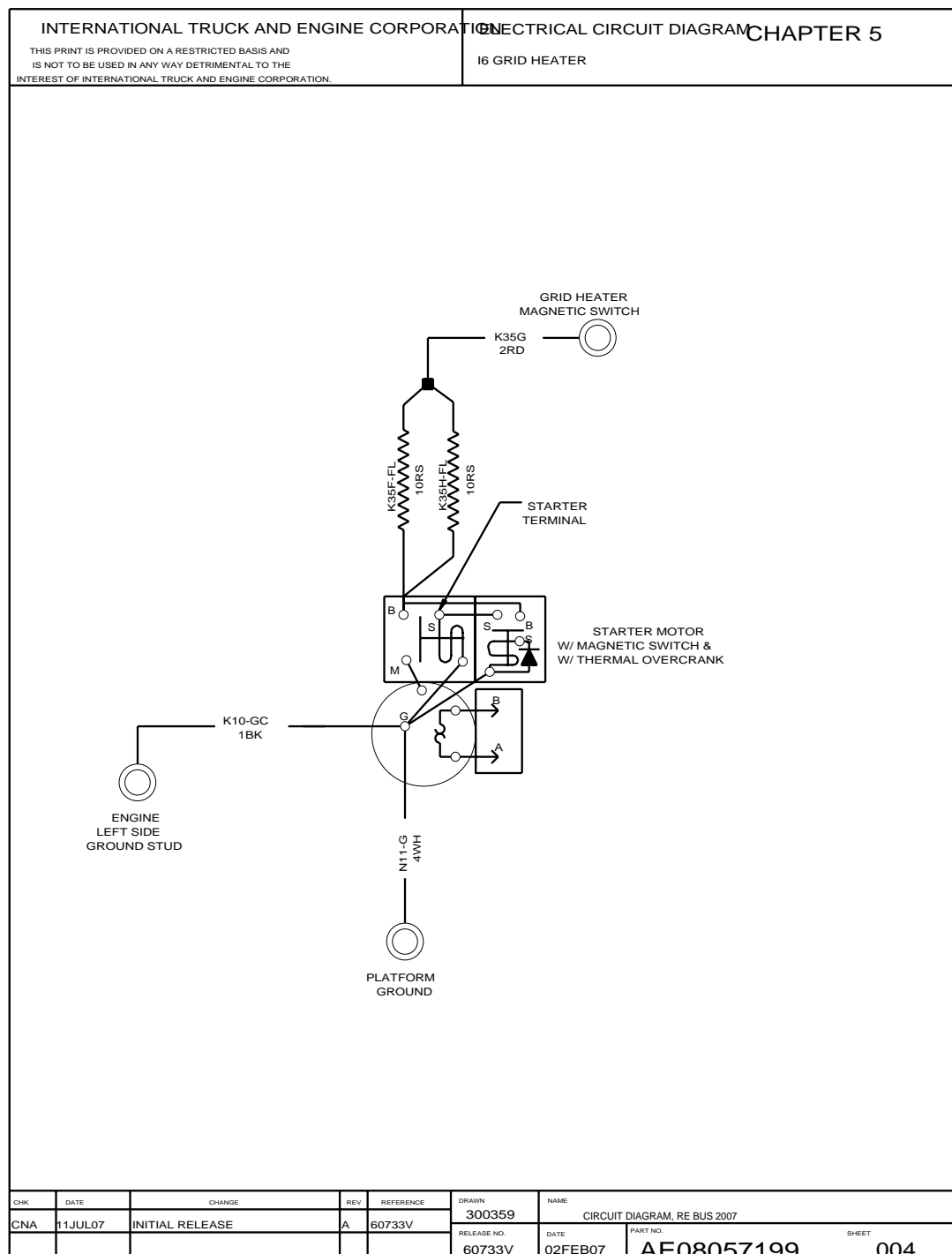


Figure 28 I6 Grid Heater

5.5. EXHAUST AFTERTREATMENT SYSTEM, P. 5

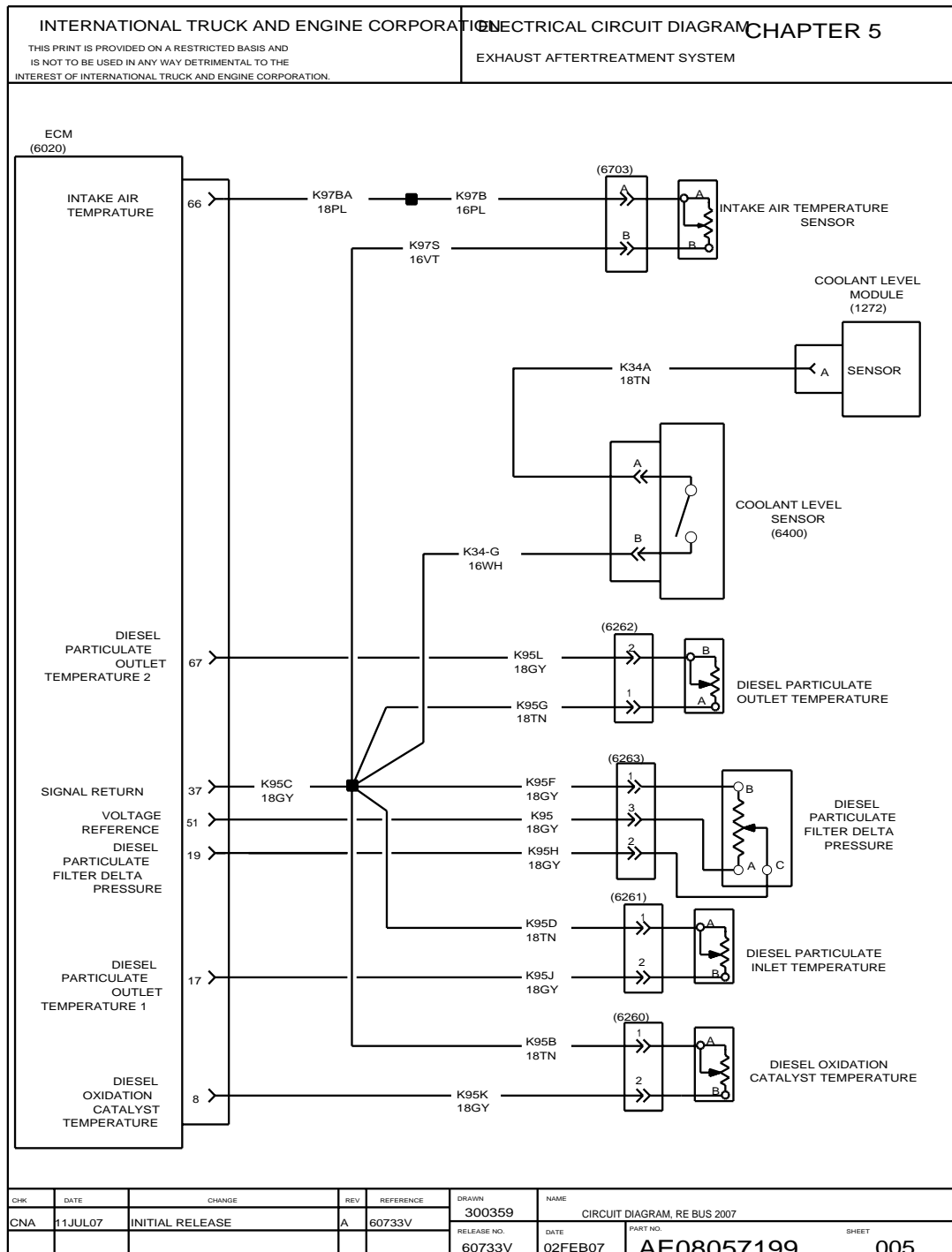


Figure 29 Exhaust Aftertreatment System

5.6. EXHAUST AFTERTREATMENT SYSTEM, P. 6

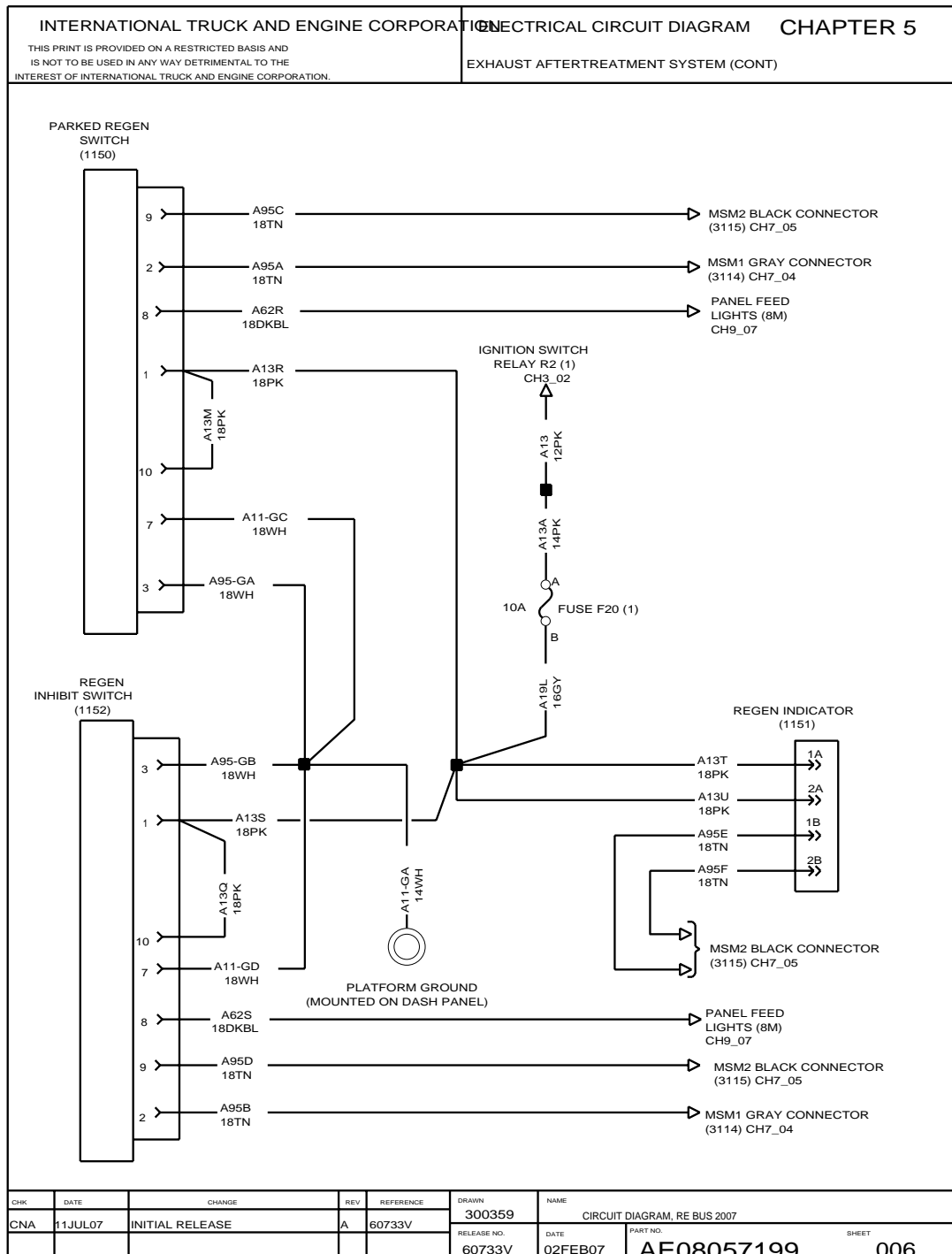


Figure 30 Exhaust Aftertreatment System

6. GAUGES (CHAPTER 6)

6.1. FUEL LEVEL GAUGE, P. 1

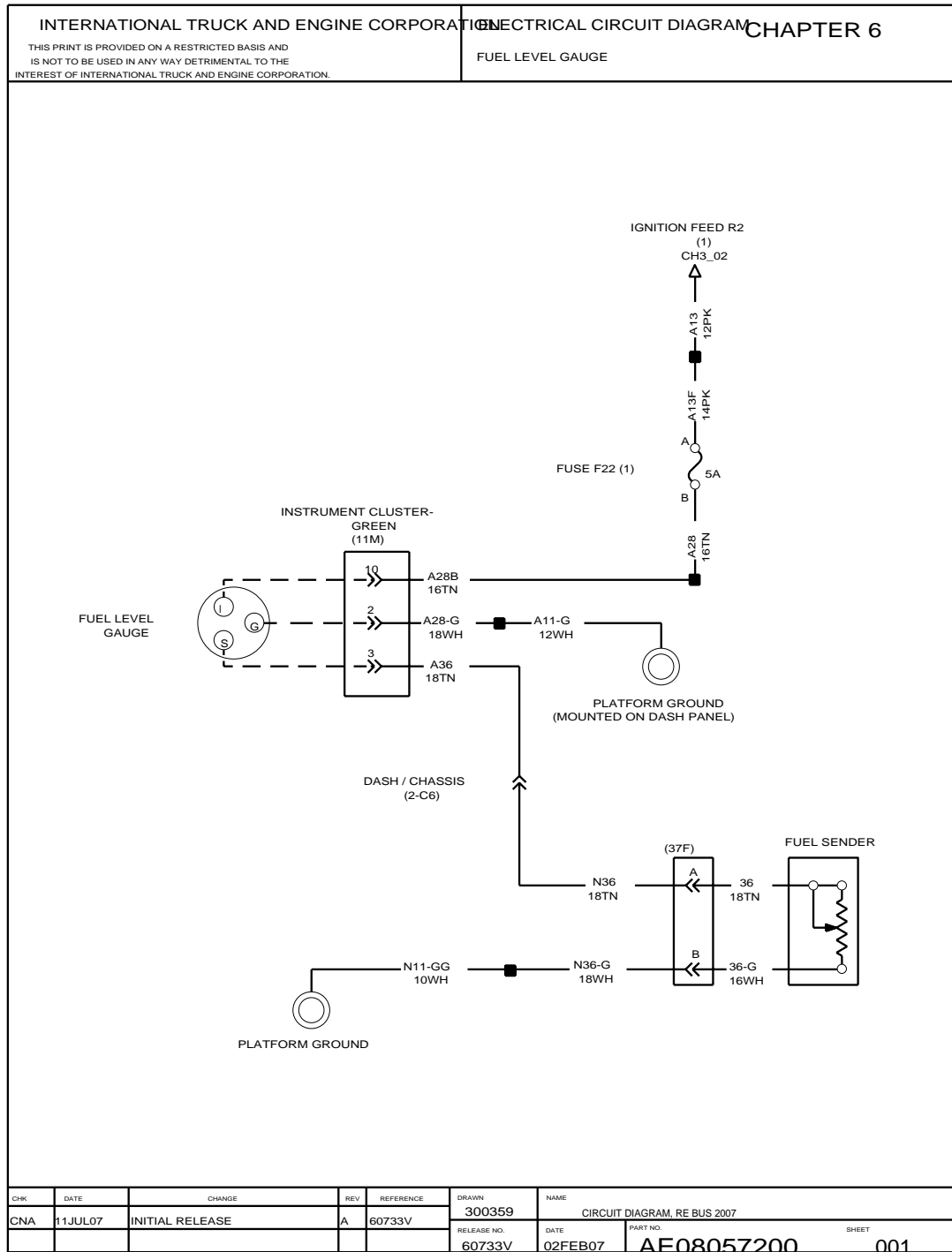


Figure 31 Fuel Level Gauge

6.2. ENGINE OIL PRESSURE, SPEEDOMETER, TACHOMETER, WATER TEMPERATURE, VOLTMETER, P. 2

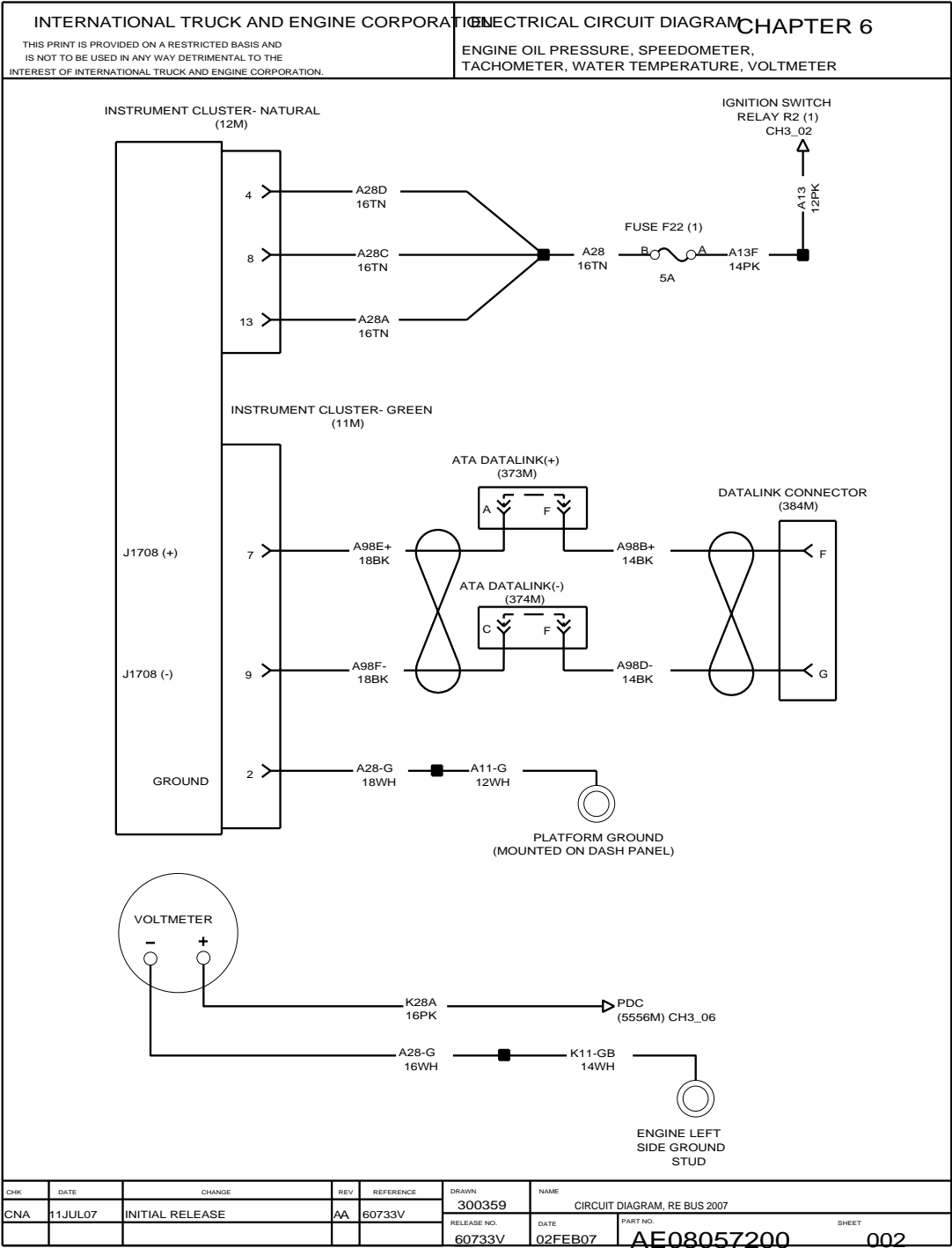
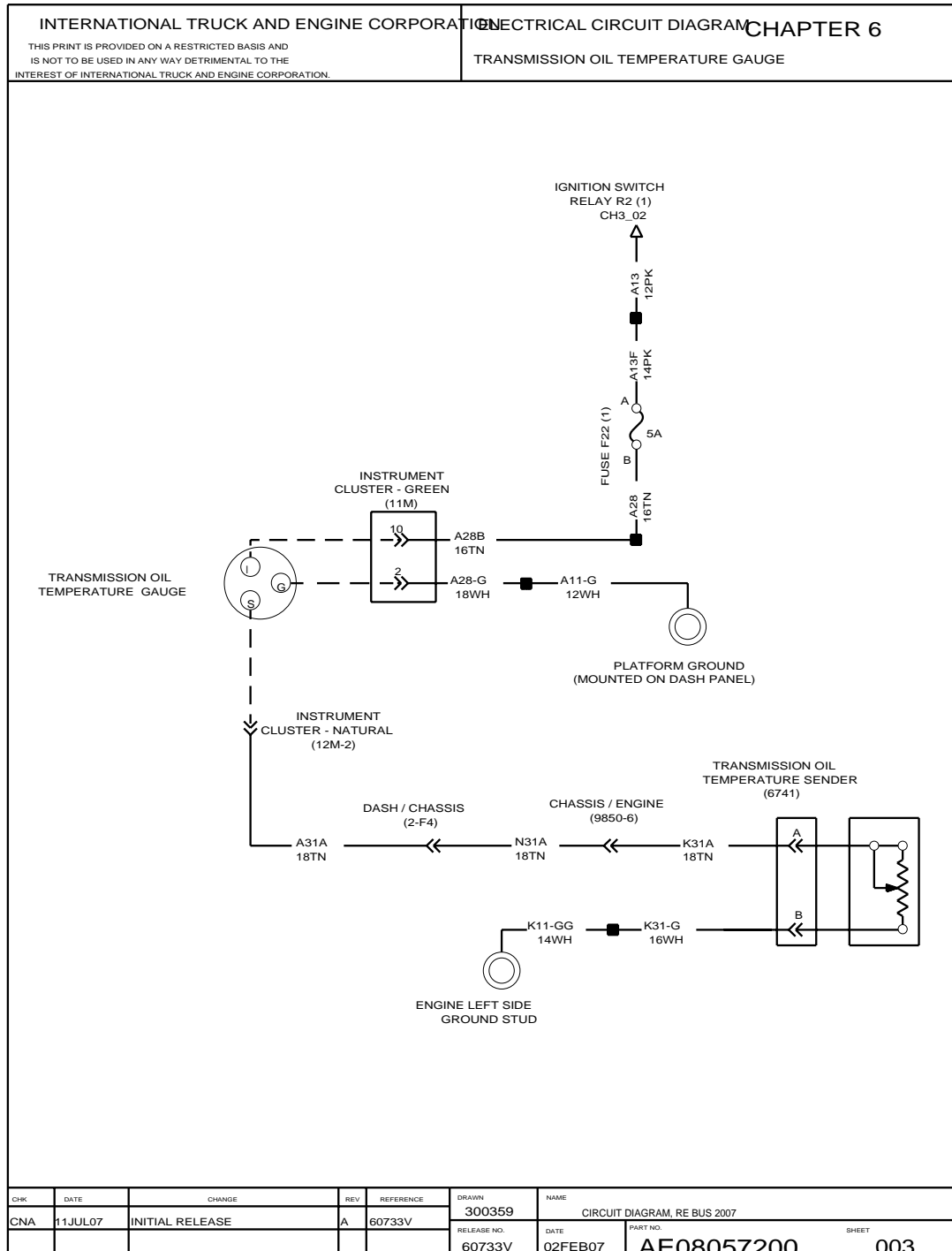


Figure 32 Engine Oil Pressure, Speedometer, Tachometer, Water Temperature, Voltmeter

Figure 33 Transmission Oil Temperature Gauge



7. WARNING LIGHTS (CHAPTER 7)

7.1. LOW OIL PRESSURE, HIGH WATER TEMP, BK WARNING, LOW COOLANT LEVEL LT AND ALARMS, P. 1

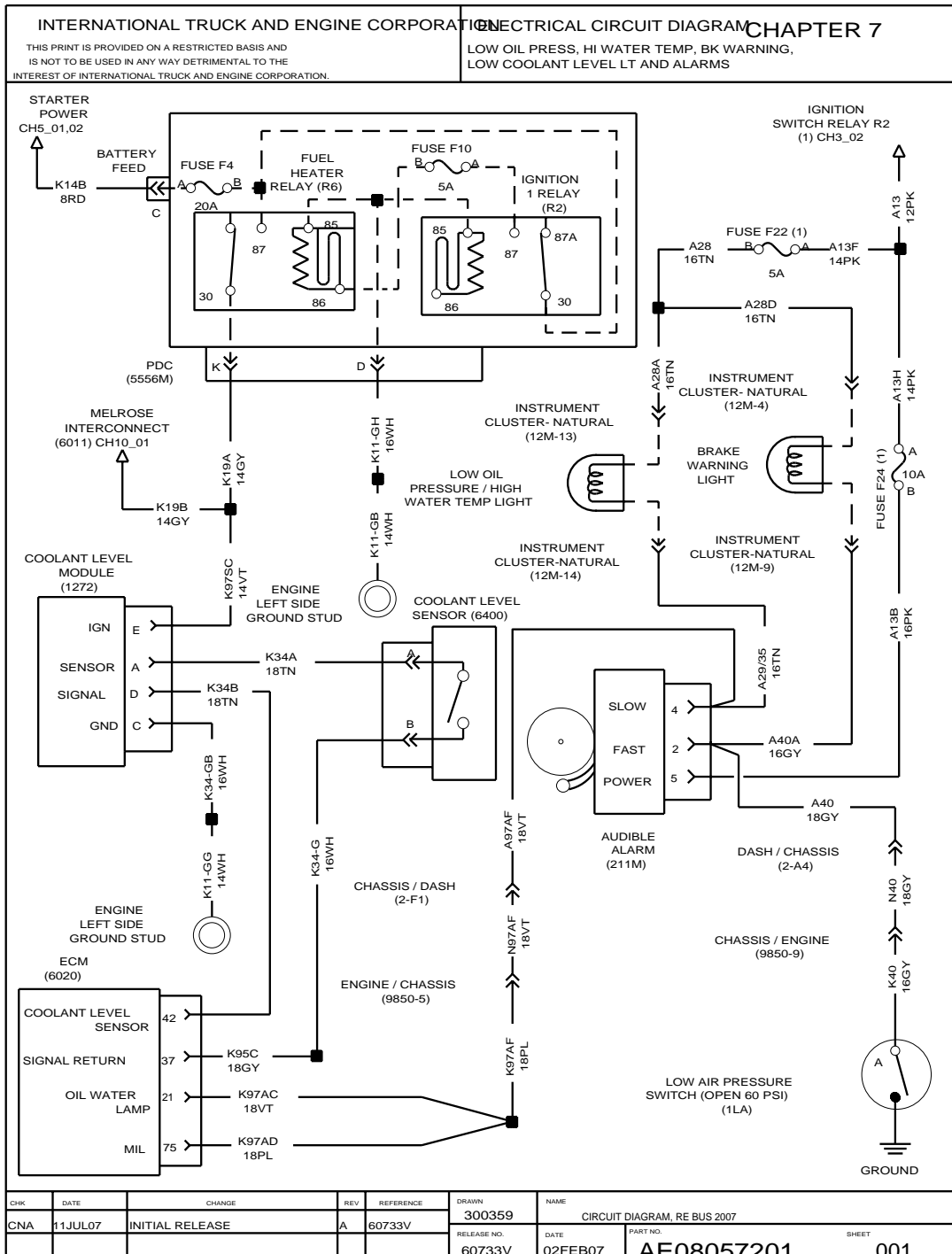


Figure 34 Low Oil Pressure, High Water temp, Bk Warning, Low Coolant Level Lt and Alarms

7.2. DIAGNOSTIC / PROGRAMMING CONNECTOR, P. 2

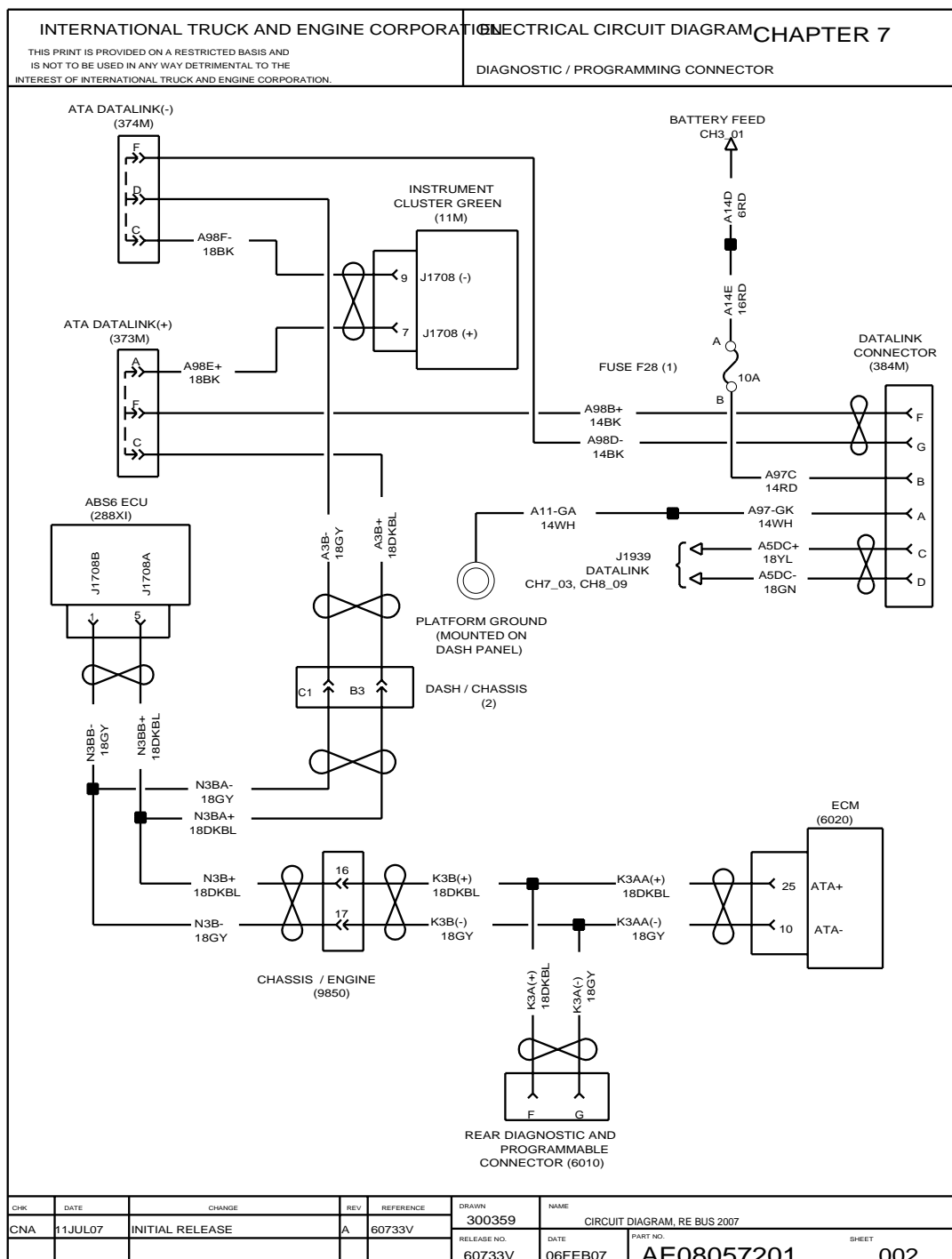


Figure 35 Diagnostic / Programming Connector

[illegible]

Figure 36 Diagnostic / Programmable Connector

7.4. MSM MODULE, WAIT TO START, ENGINE WARNING, FUEL FILTER LIGHTS AND ALARMS, P. 4

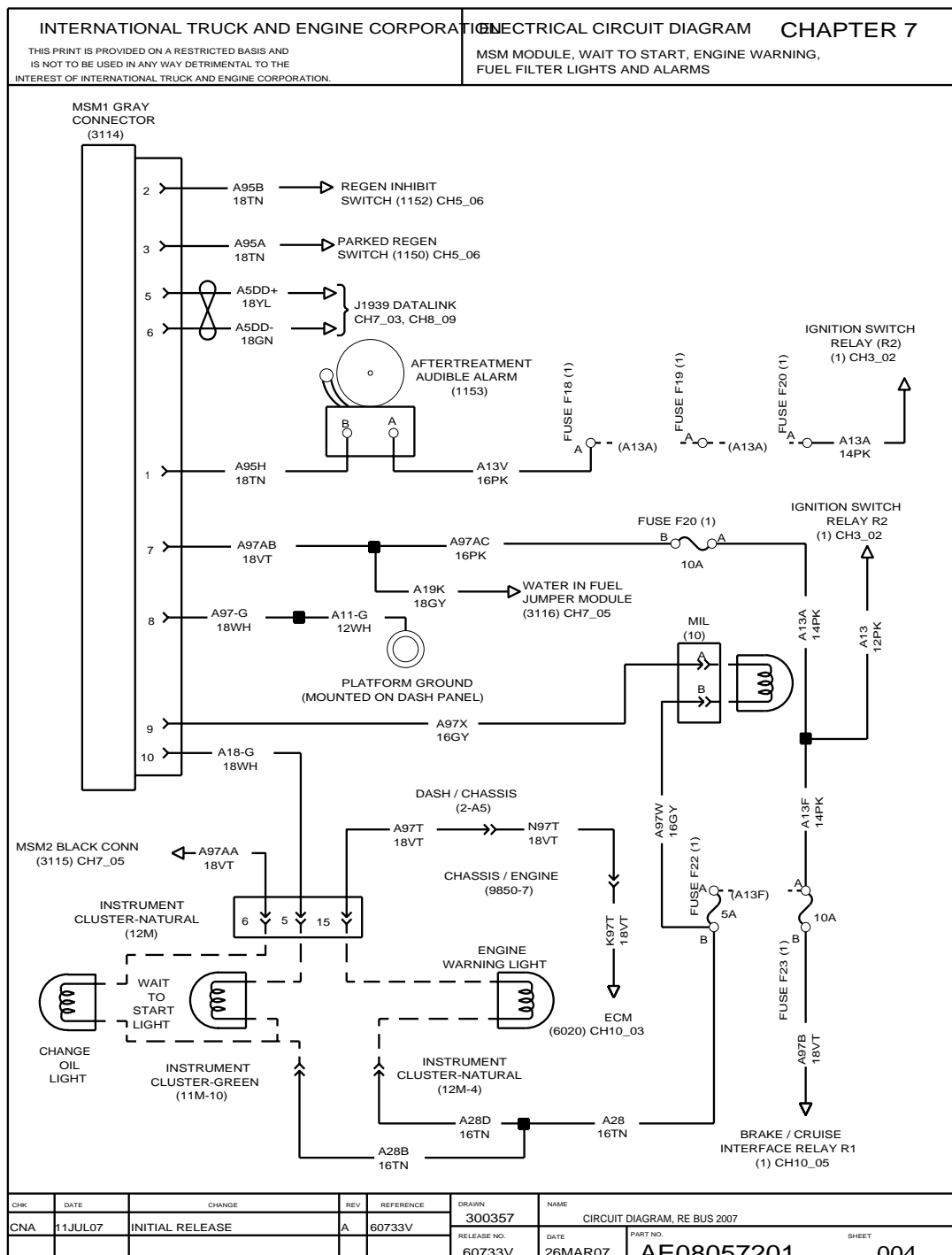


Figure 37 MSM Module, Wait to Start, Engine Warning, Fuel Filter Lights and Alarms

7.5. MSM MODULE, WAIT TO START, ENGINE WARNING, FUEL FILTER LIGHTS AND ALARMS, P. 5

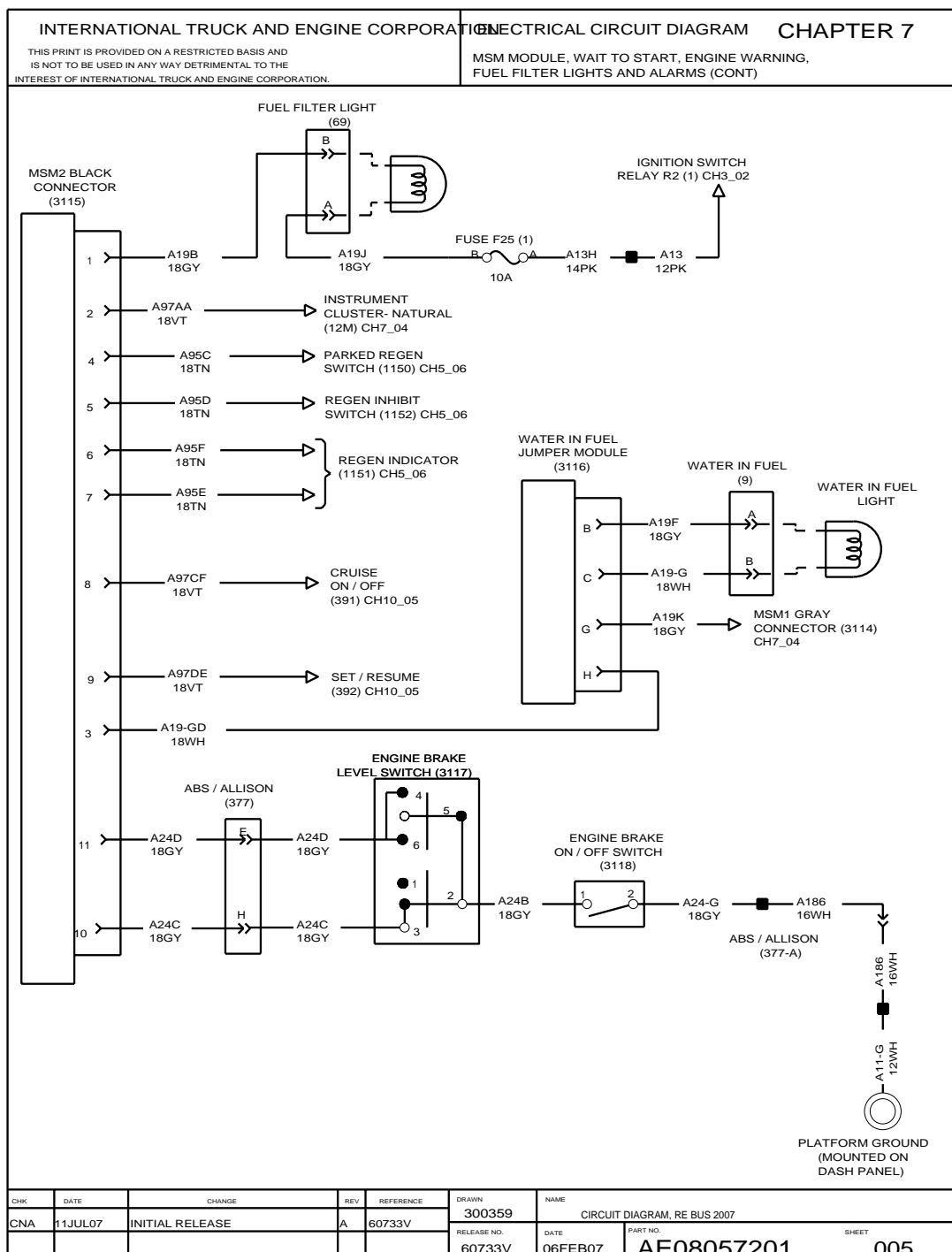


Figure 38 MSM Module, Wait to Start, Engine Warning, Fuel Filter Lights and Alarms

7.6. PARKING BRAKE AND WARNING LIGHTS WITH AIR BRAKES, P. 6

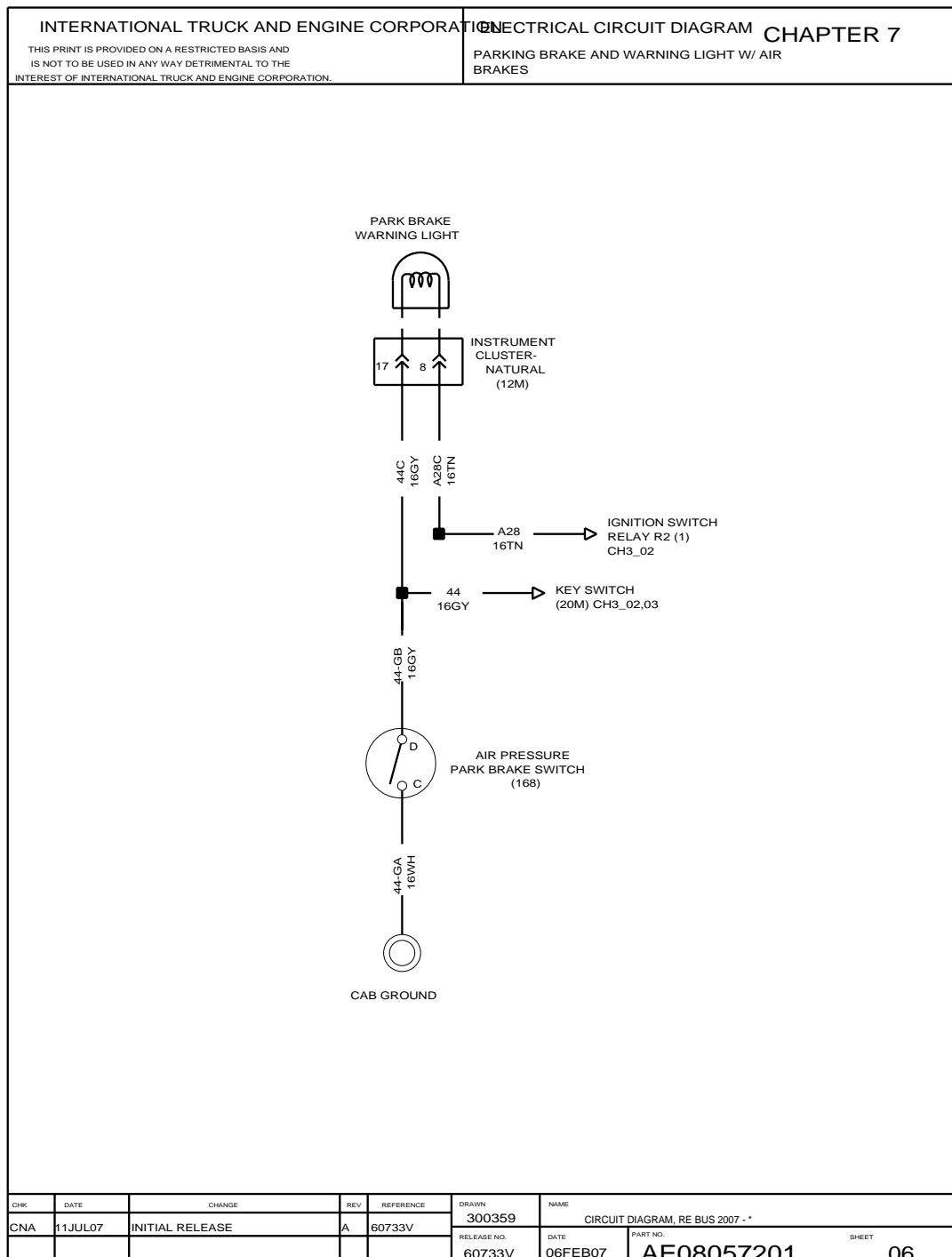


Figure 39 Parking Brake and Warning Lights with Air Brakes

8. CHASSIS ACCESSORIES (CHAPTER 8)

8.1. AIR DRYER (AD-9) WITH AIR BRAKES, P. 1

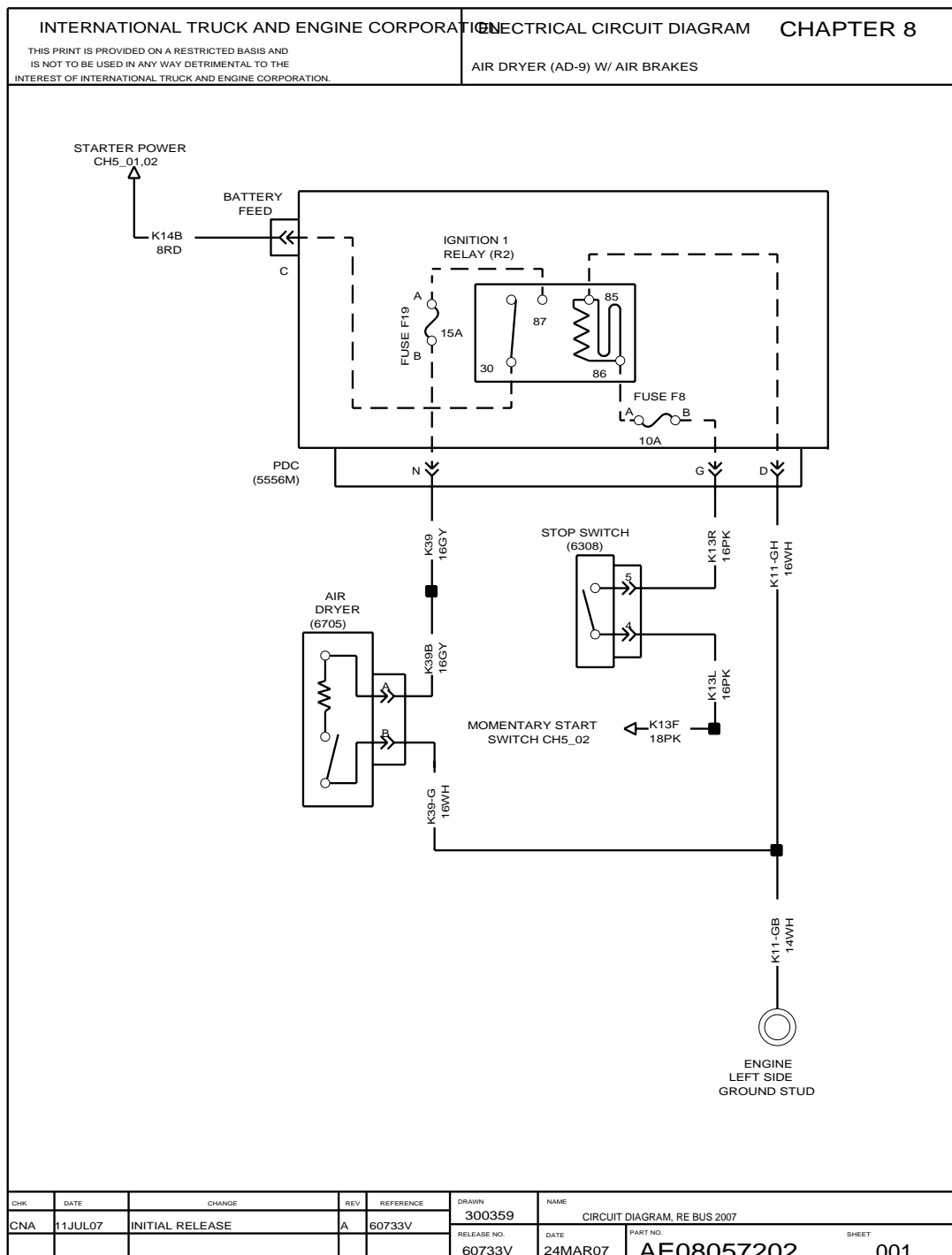


Figure 40 Air Dryer (AD-9) with Air Brakes

8.2. ALLISON WTEC TRANSMISSION GEN IV, P. 2

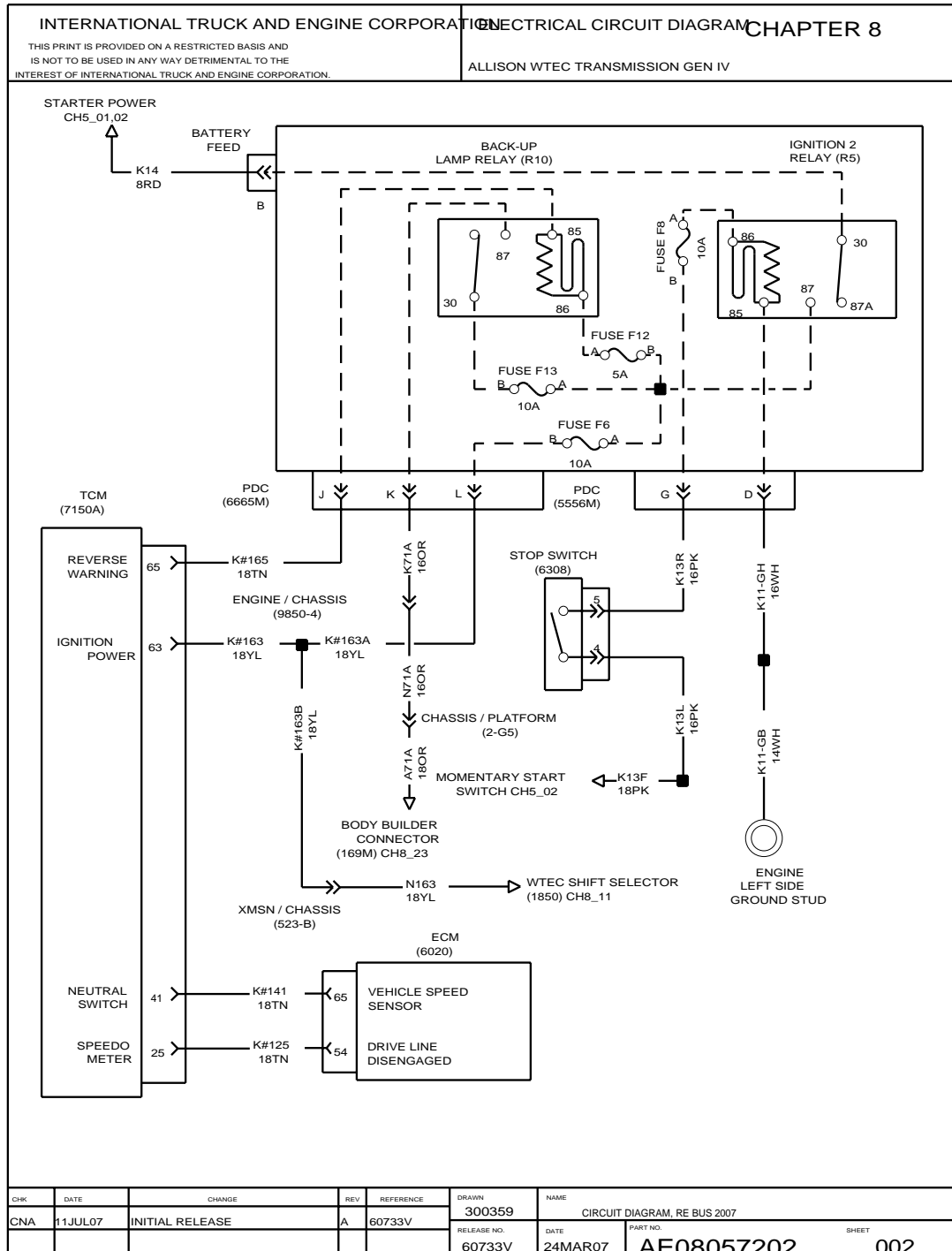


Figure 41 Allison WTEC Transmission Gen IV

8.3. ALLISON WTEC TRANSMISSION GEN IV, P. 3

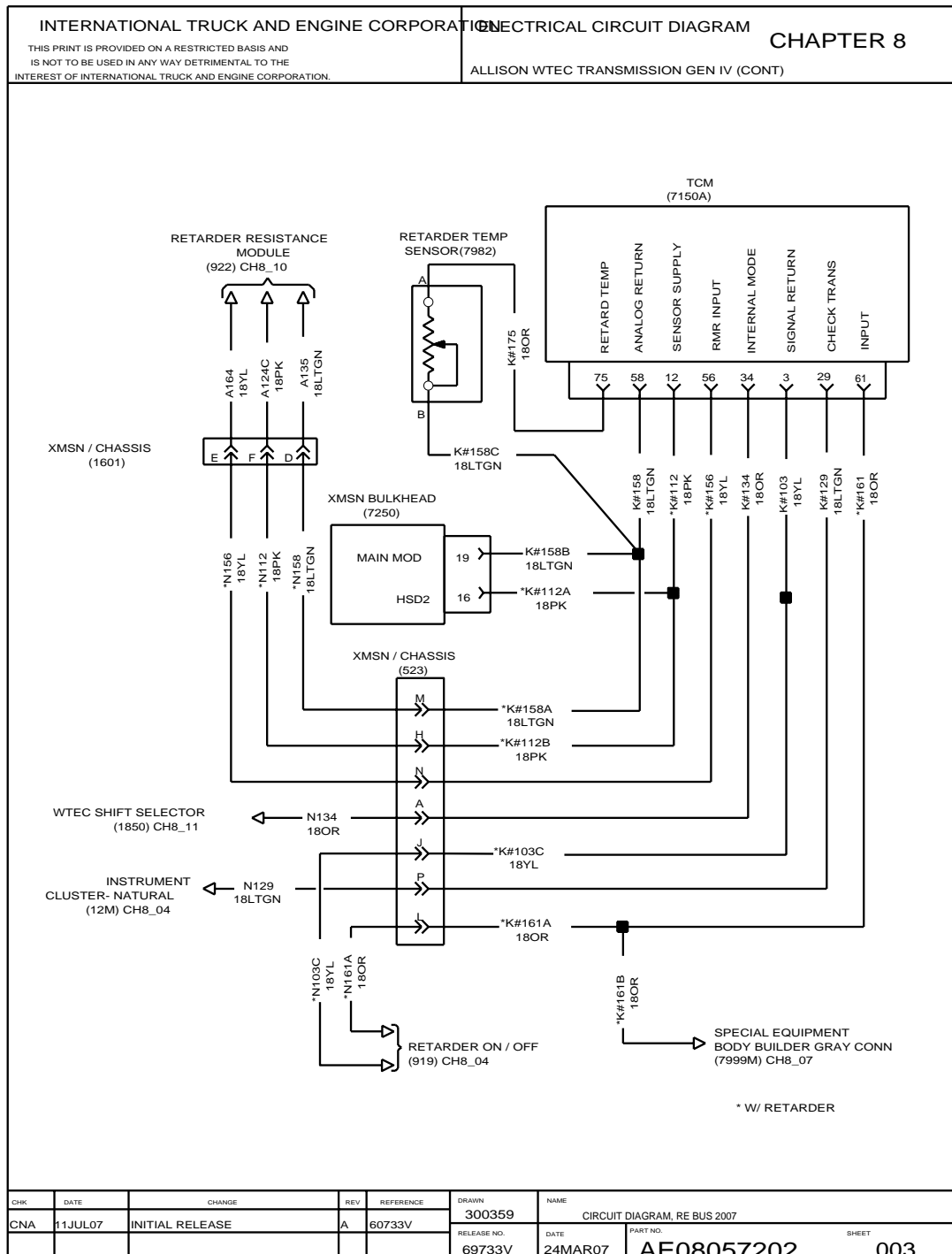


Figure 42 Allison WTEC Transmission Gen IV

8.4. ALLISON WTEC TRANSMISSION GEN IV, P. 4

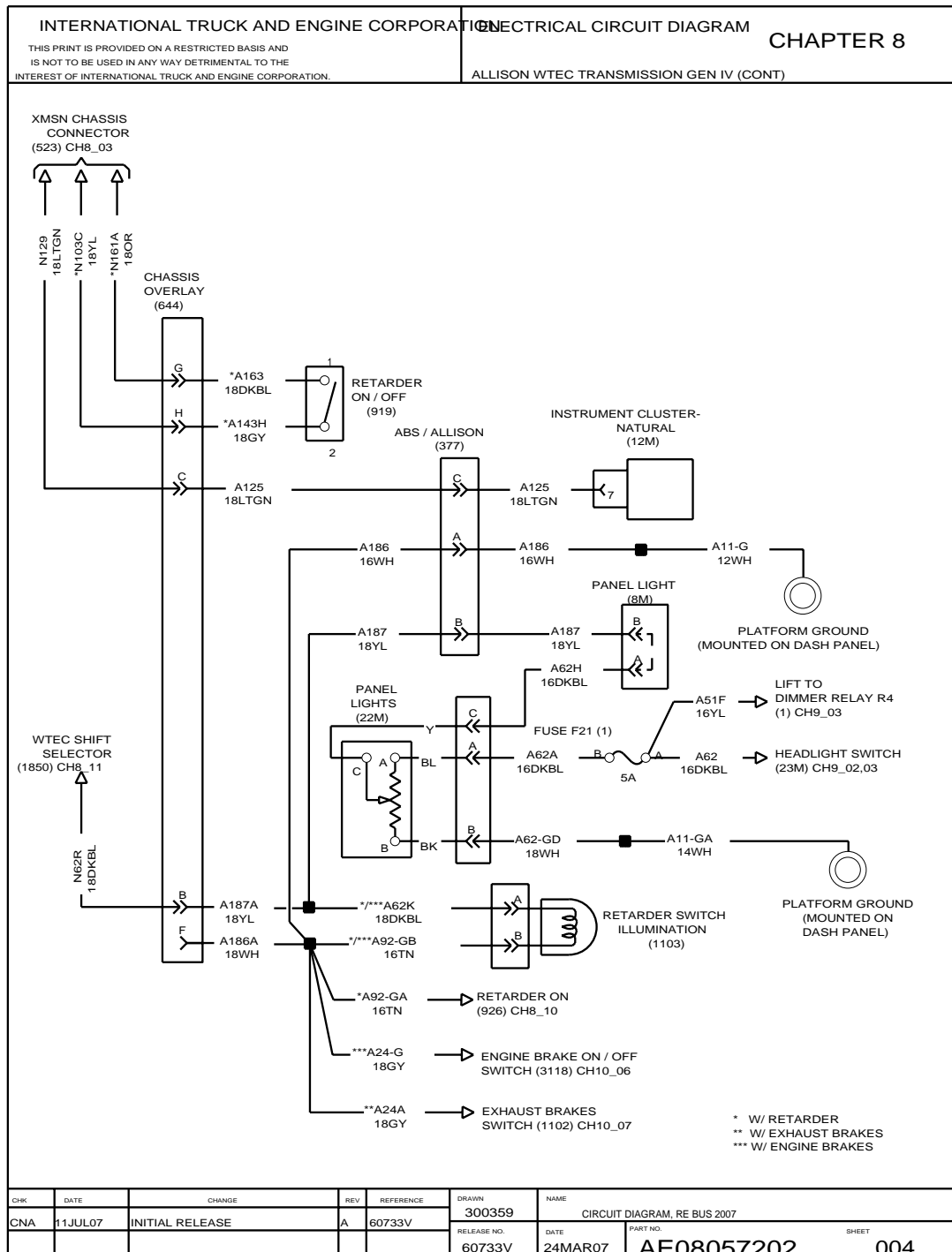


Figure 43 Allison WTEC Transmission Gen IV

8.5. ALLISON WTEC TRANSMISSION GEN IV, P. 5

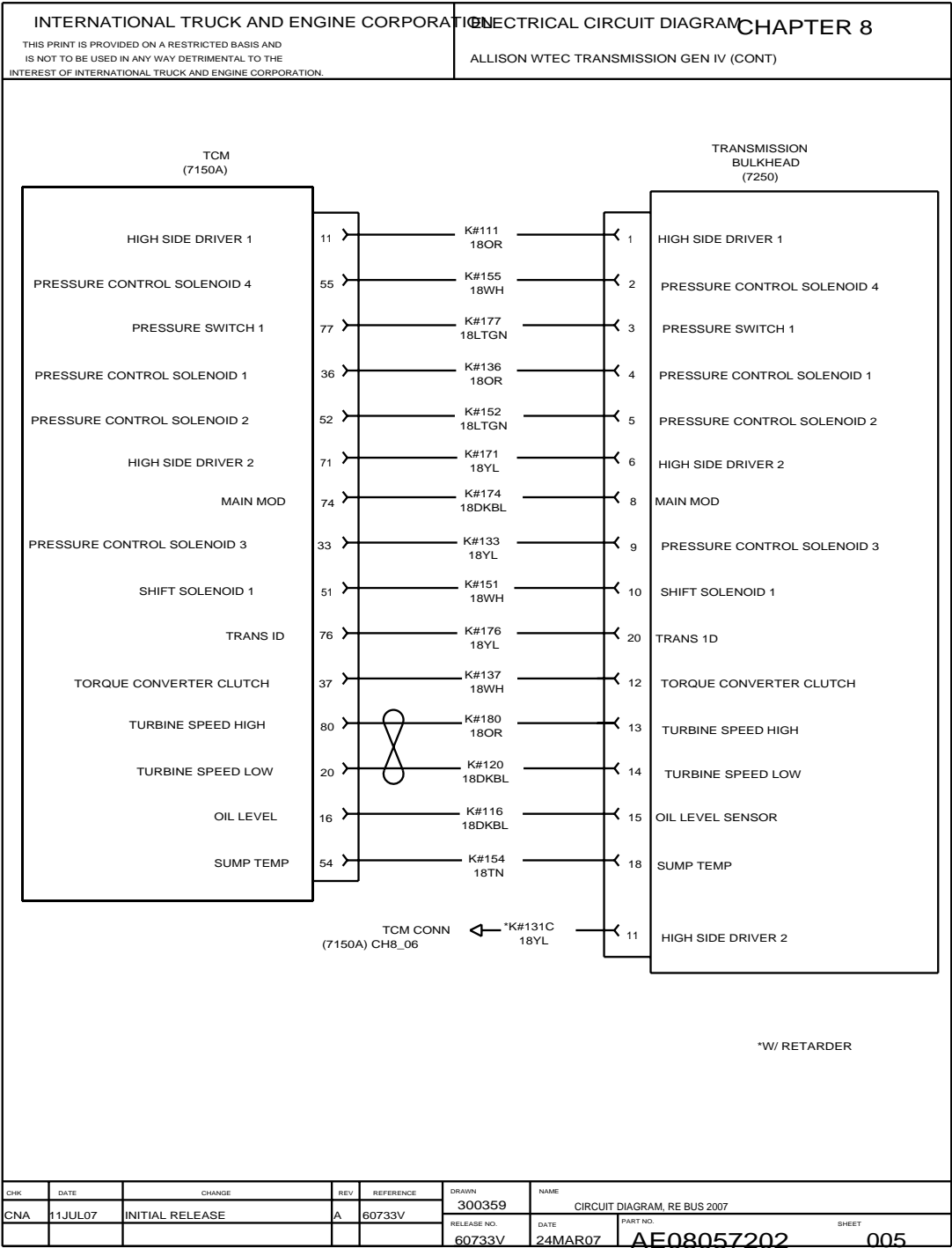


Figure 44 Allison WTEC Transmission Gen IV

8.6. ALLISON WTEC TRANSMISSION GEN IV, P. 6

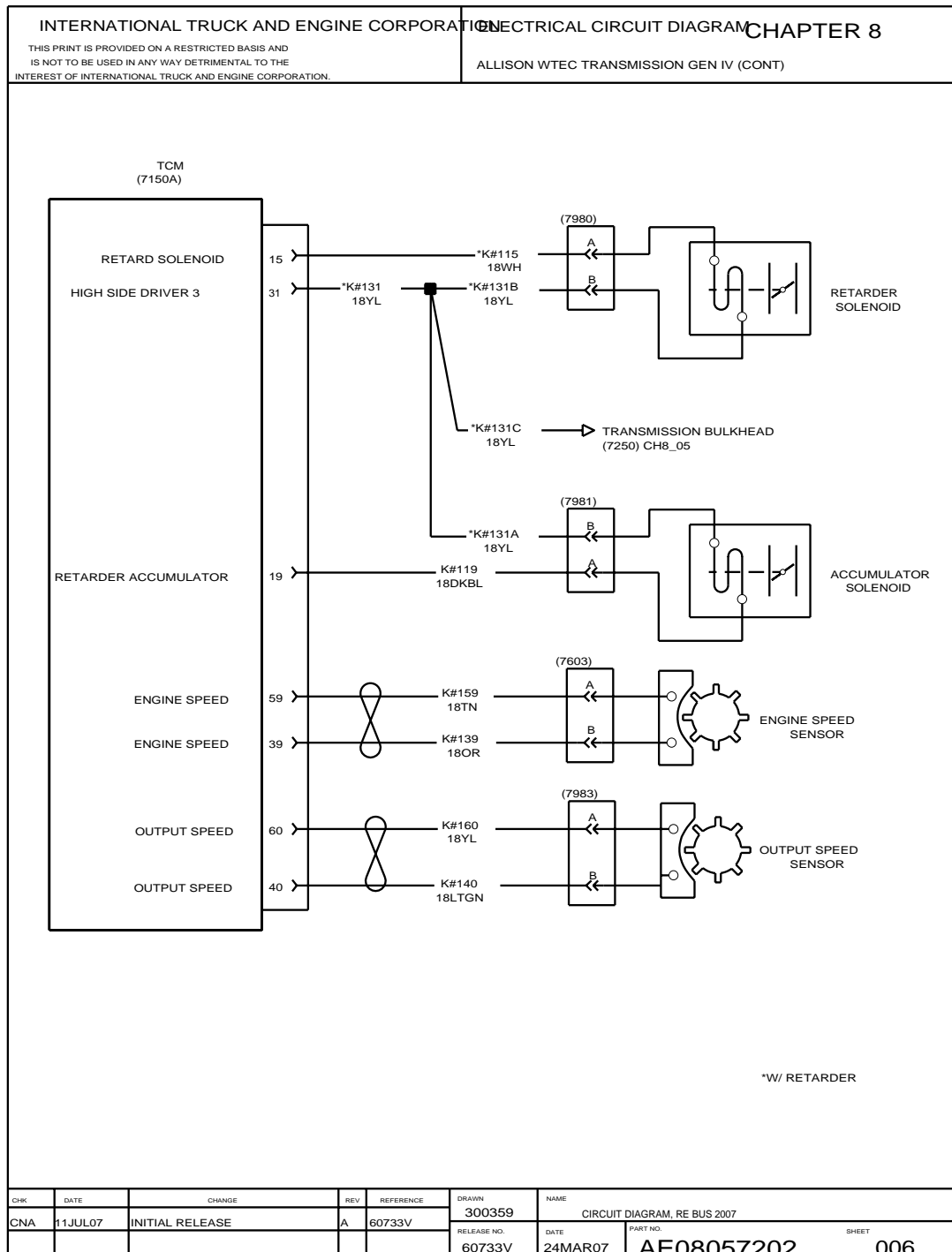


Figure 45 Allison WTEC Transmission Gen IV

8.7. ALLISON WTEC TRANSMISSION GEN IV, P. 7

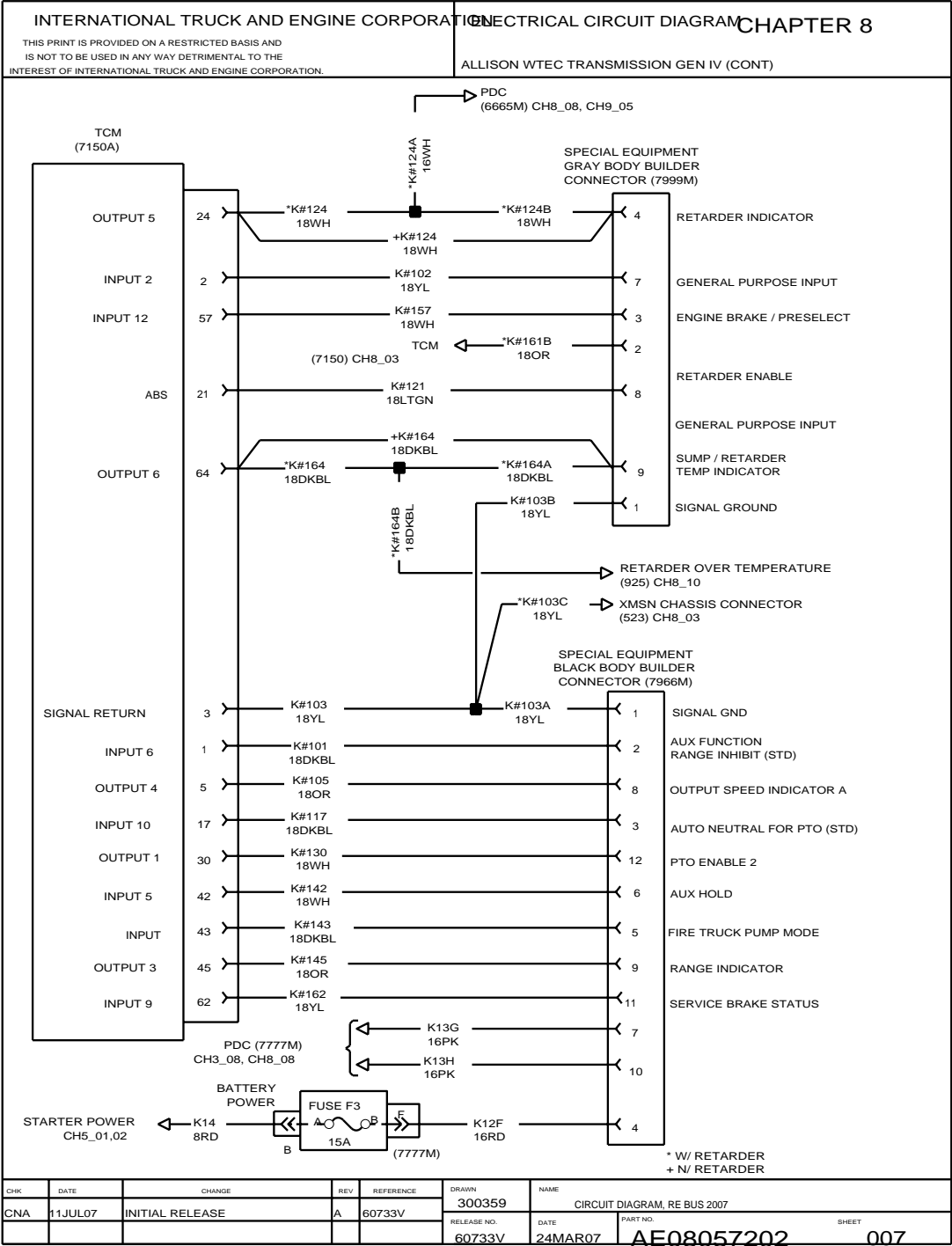


Figure 46 Allison WTEC Transmission Gen IV

Figure 47 Allison WTEC Transmission Gen IV

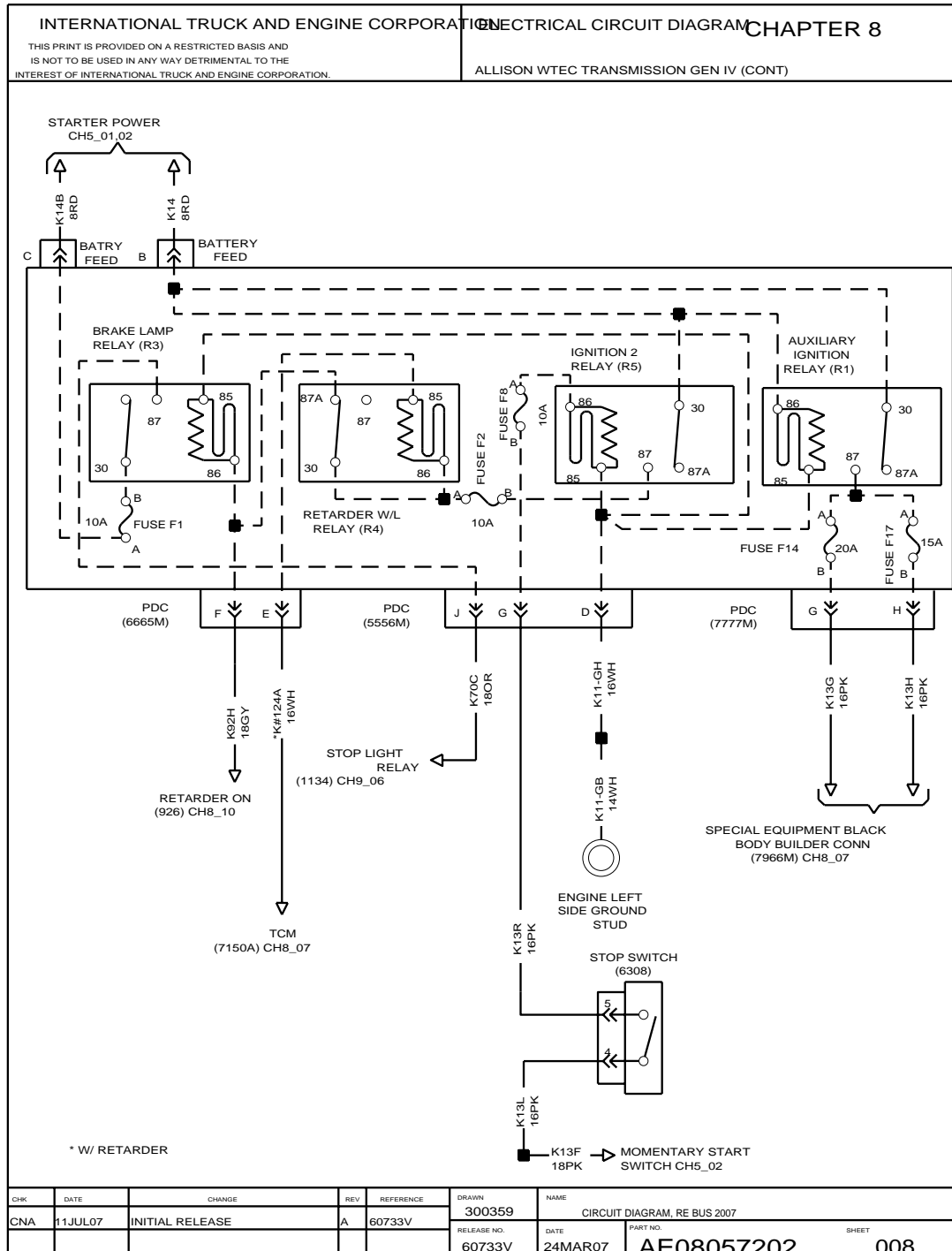


Figure 47 Allison WTEC Transmission Gen IV

8.9. J1939 DATALINK CONNECTION, P. 9

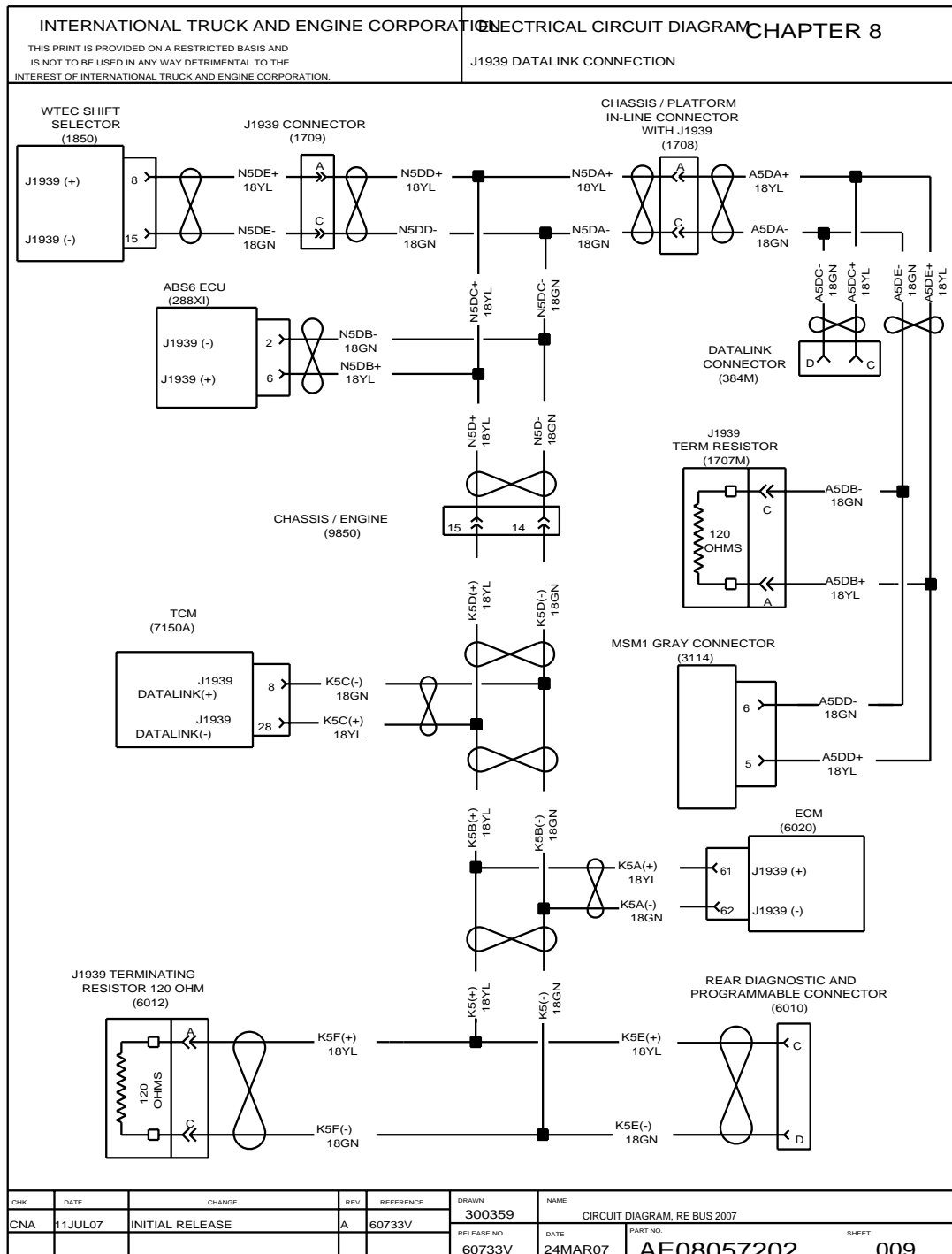


Figure 48 J1939 Datalink Connection

8.10. XMSN RETARDER CONTROLS ONLY WITH I6 — ALLISON WTEC XMSN (AIR VERIFIED), P. 10

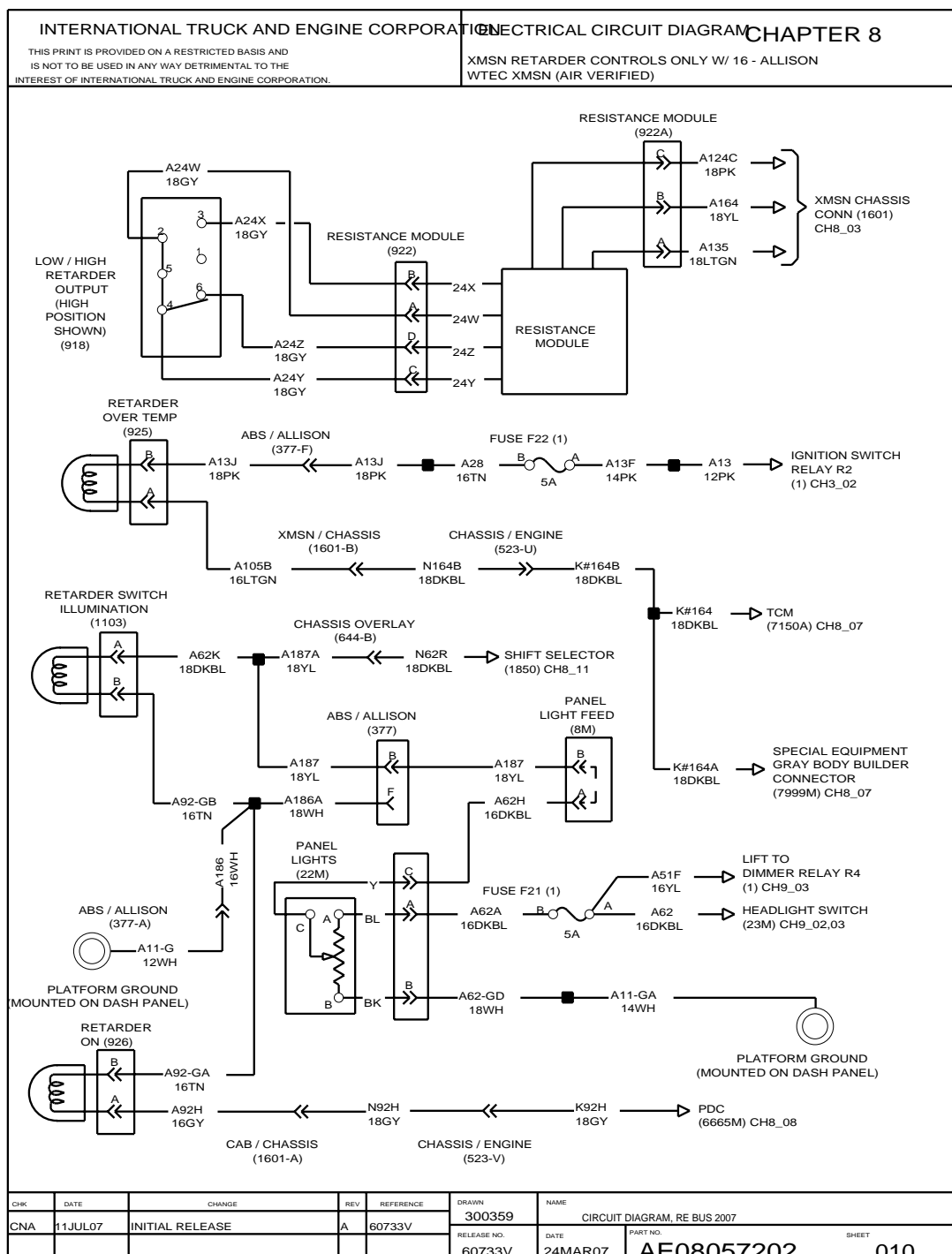


Figure 49 Xmsn Retarder Controls Only with I6 — Allison WTEC Xmsn (Air Verified)

8.11. ALLISON WITH WTEC TRANSMISSION GEN IV (ELECTRONIC), P. 11

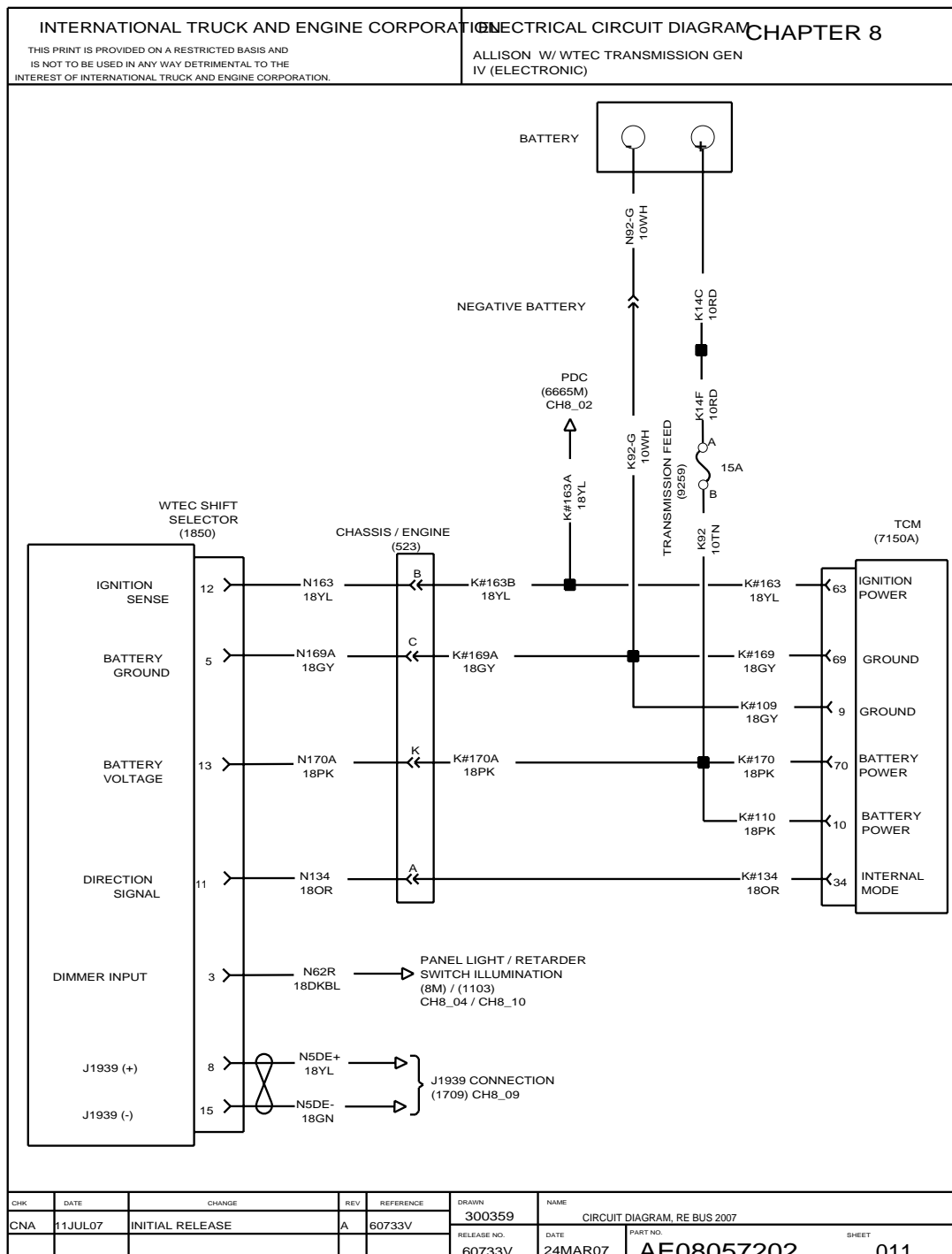


Figure 50 Allison with WTEC Transmission Gen IV (Electronic)

8.12. DRAIN VALVE WIRING, P. 12

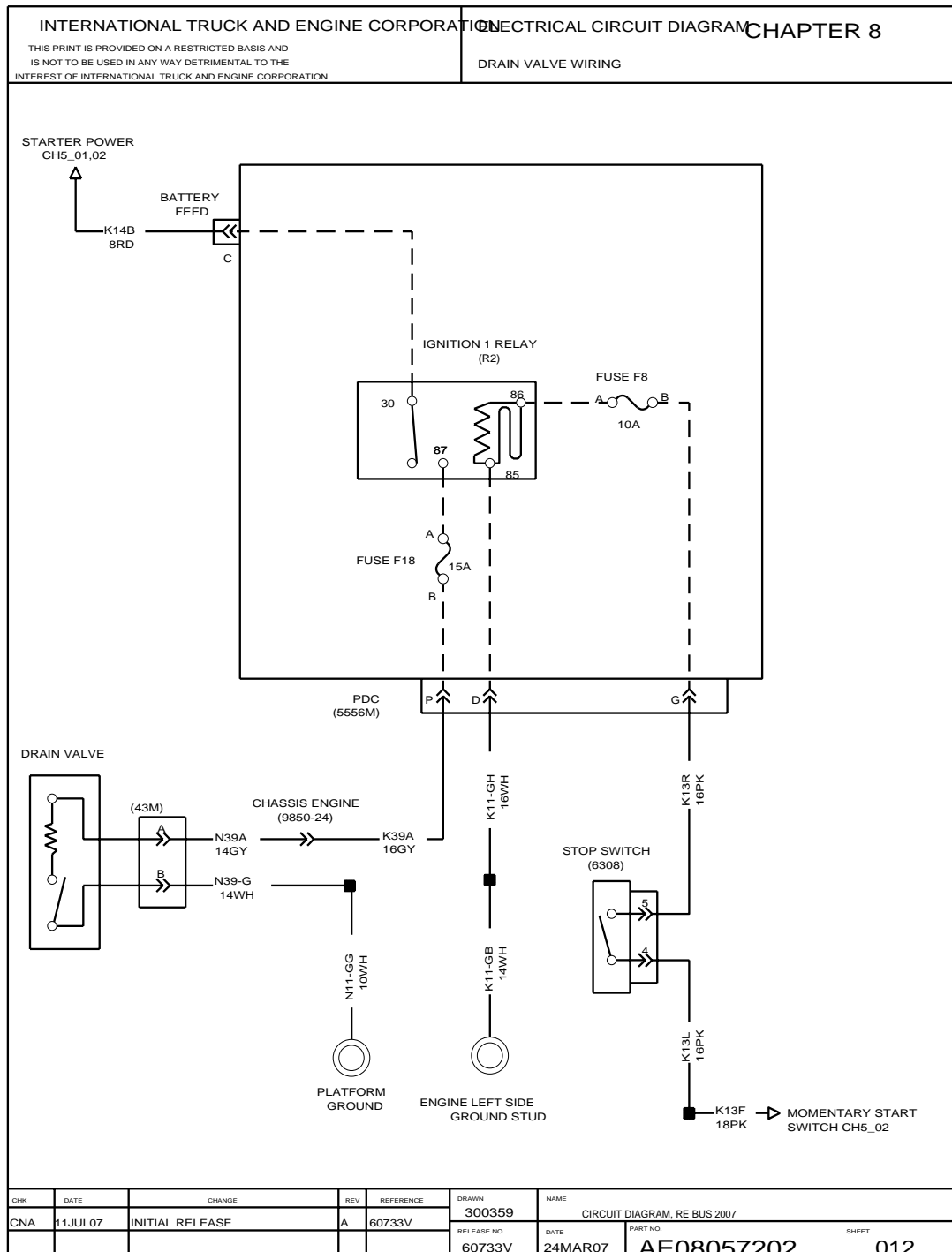


Figure 51 Drain Valve Wiring

8.13. FUEL FILTER WARNING SYSTEM, P. 13

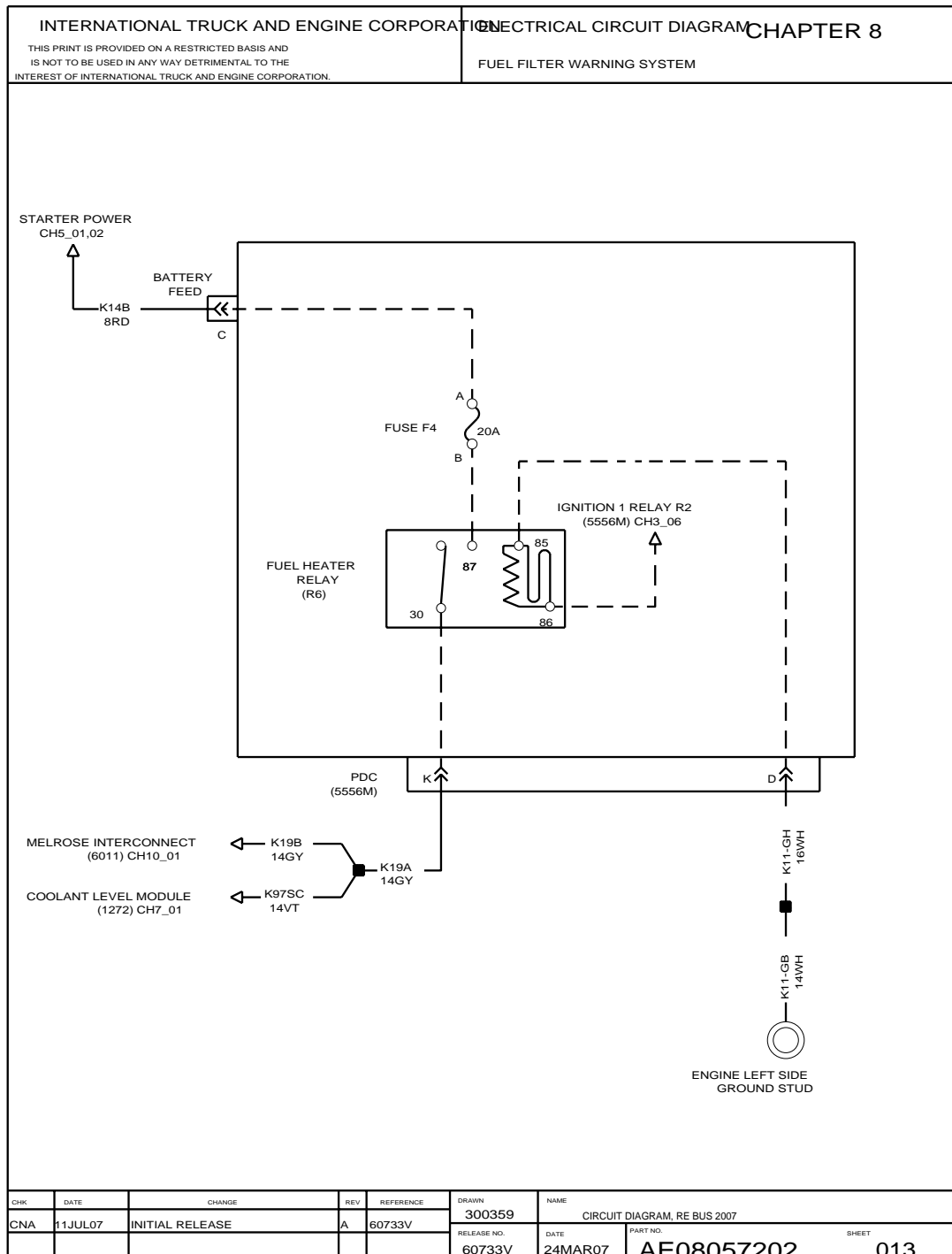


Figure 52 Fuel Filter Warning System

8.14. ABS6 WITH BENDIX, P. 14

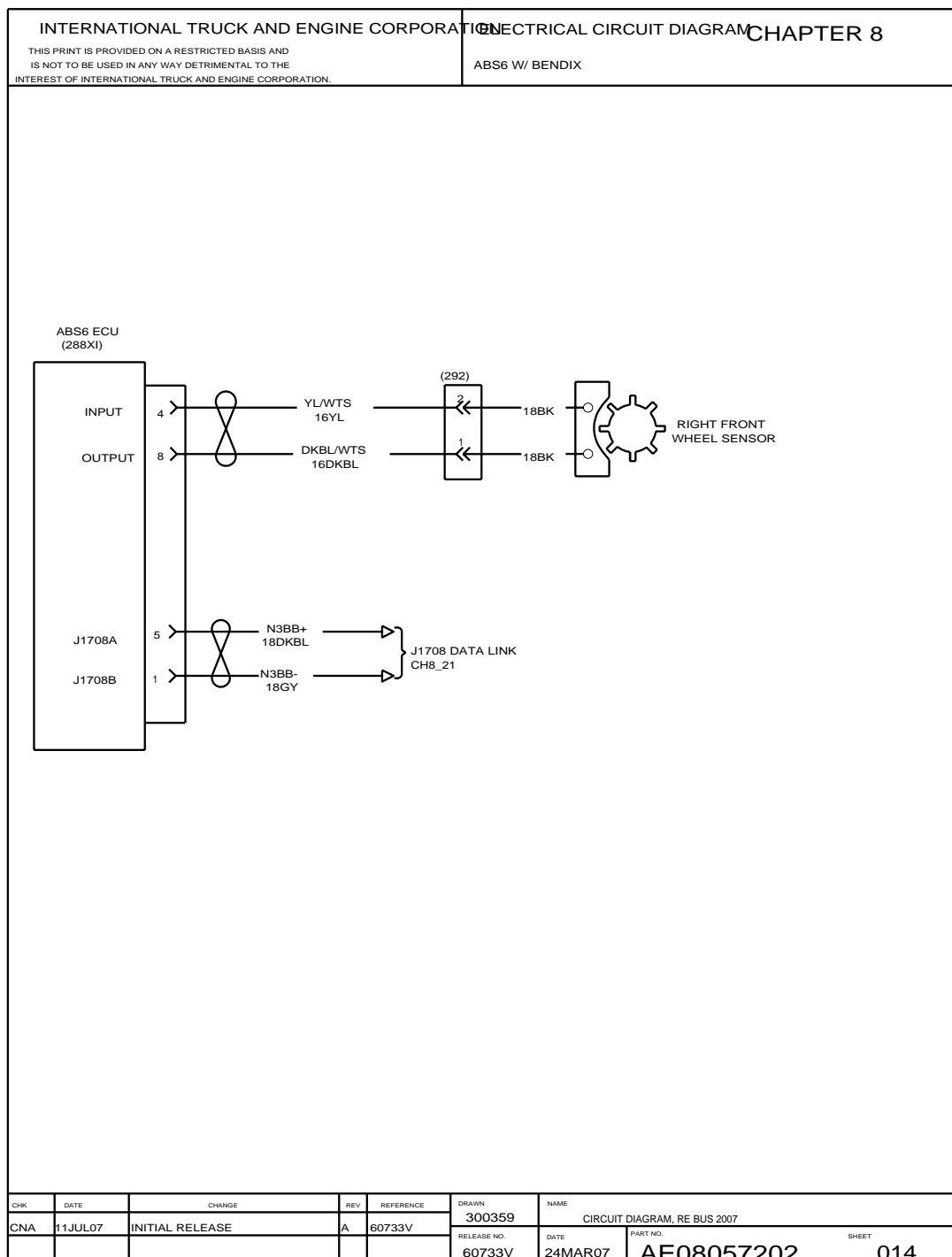


Figure 53 ABS6 with Bendix

8.15. ABS6 WITH BENDIX, P. 15

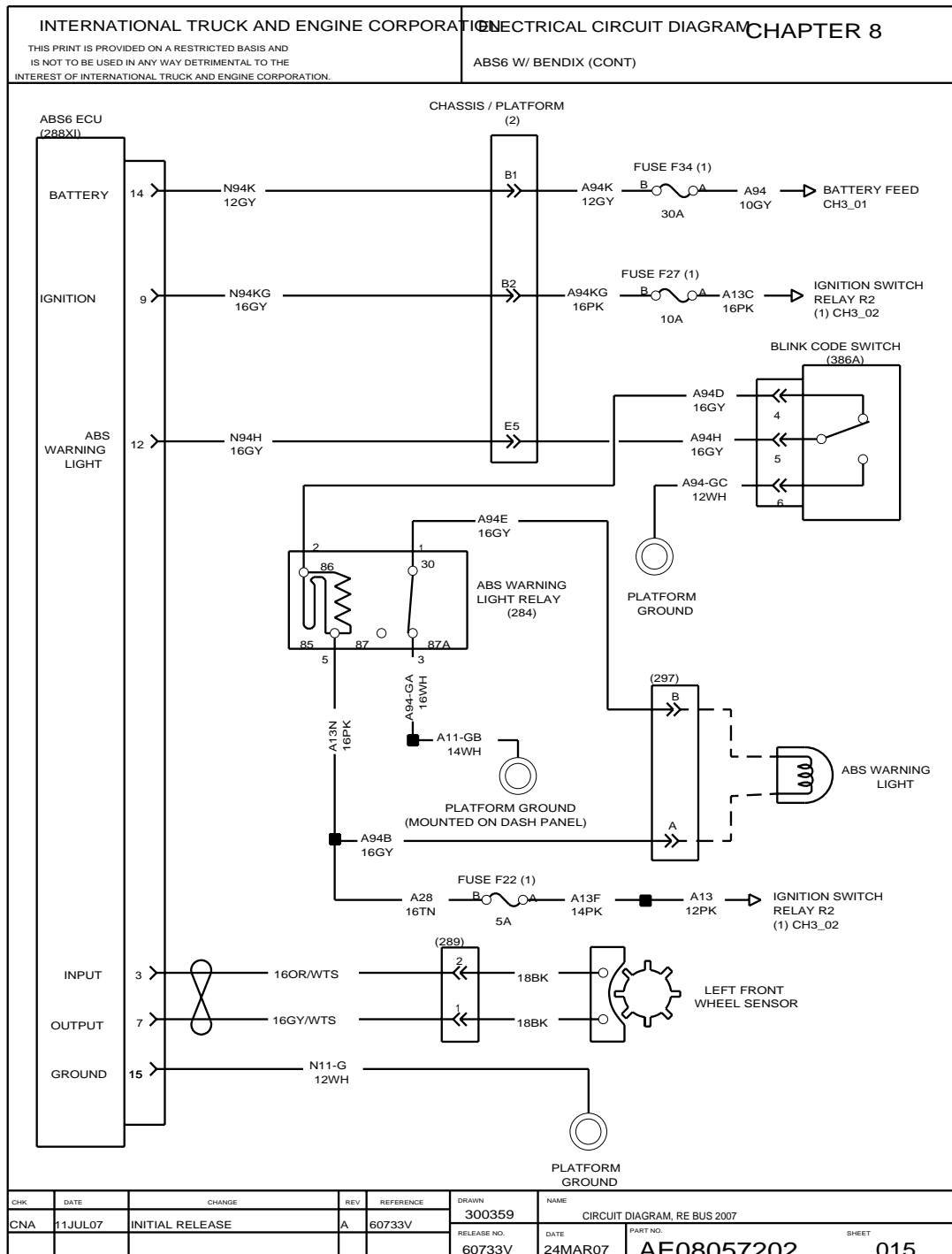


Figure 54 ABS6 with Bendix

8.16. ABS6 WITH BENDIX, P. 16

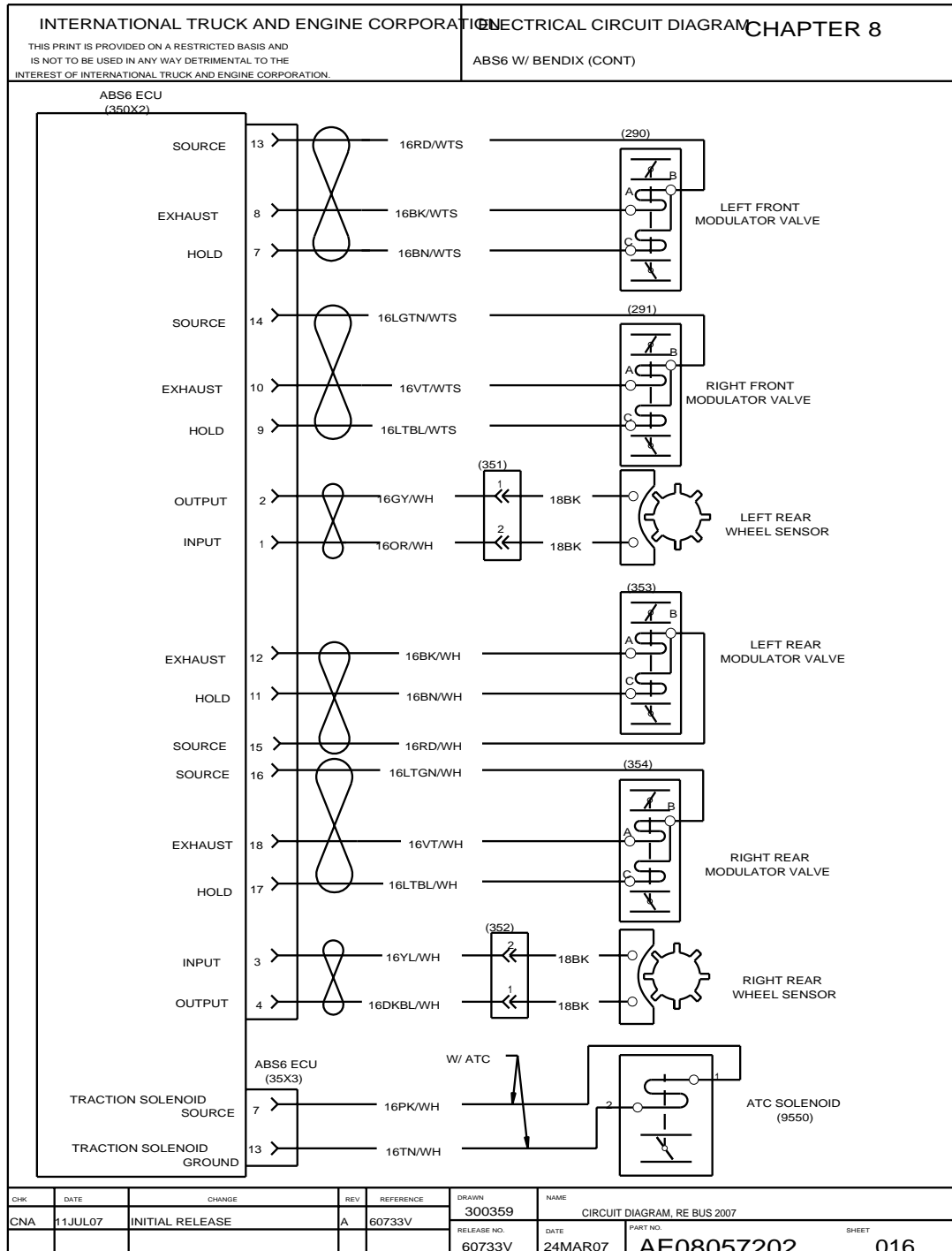


Figure 55 ABS6 with Bendix

8.17. ALLISON LCT TRANSMISSION GEN IV, P. 17

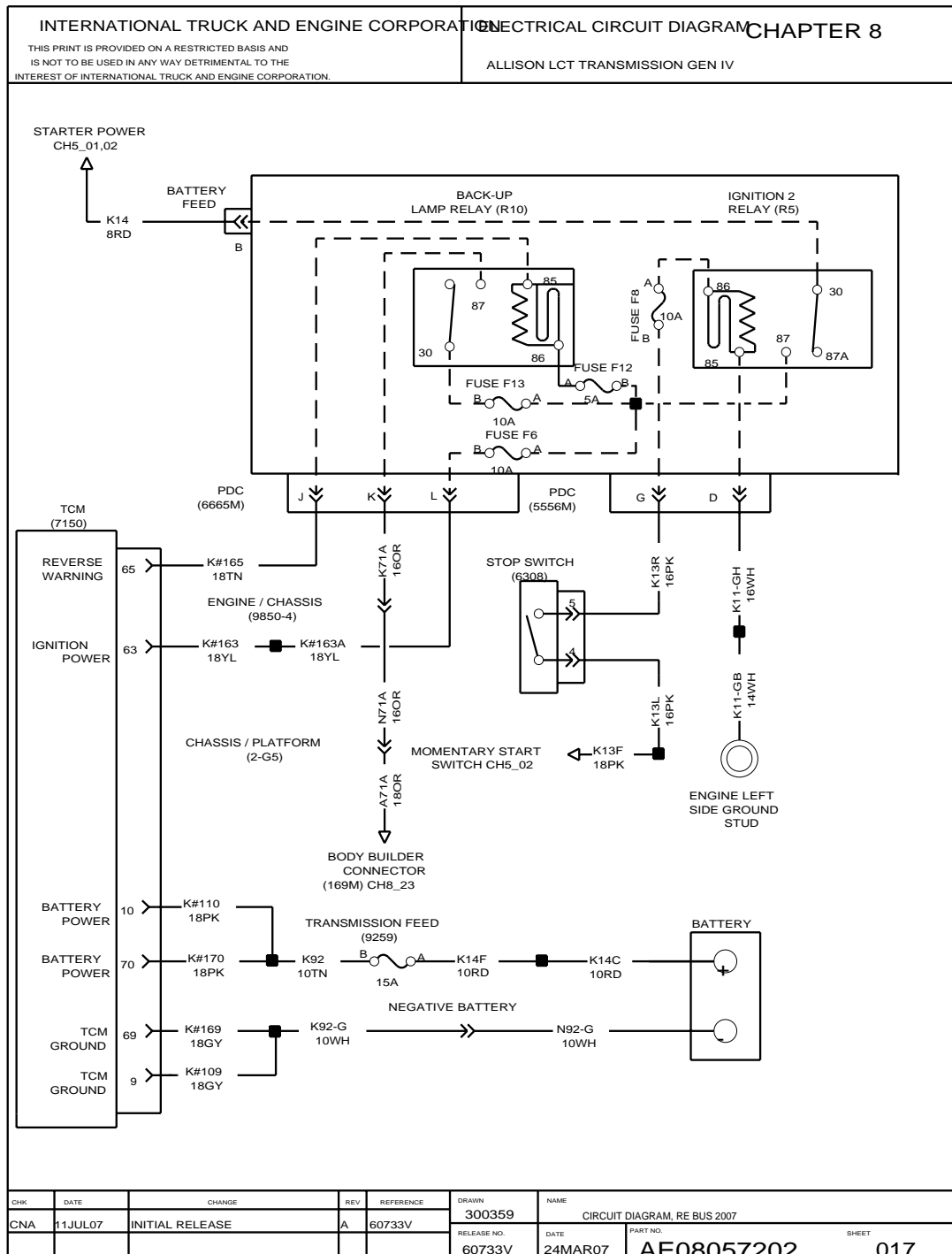


Figure 56 Allison LCT Transmission Gen IV

8.18. ALLISON LCT TRANSMISSION GEN IV, P. 18

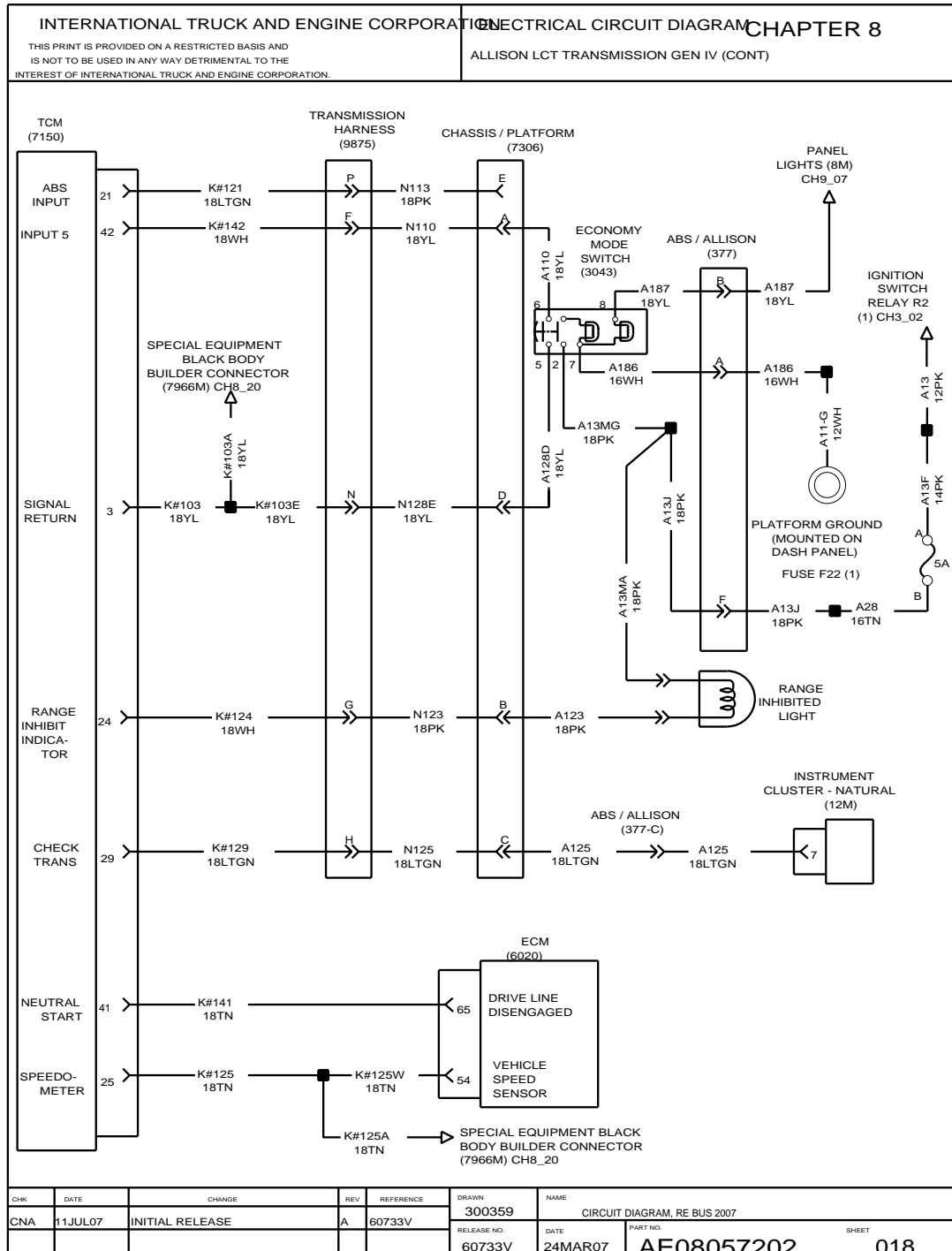


Figure 57 Allison LCT Transmission Gen IV

8.19. ALLISON LCT TRANSMISSION GEN IV, P. 19

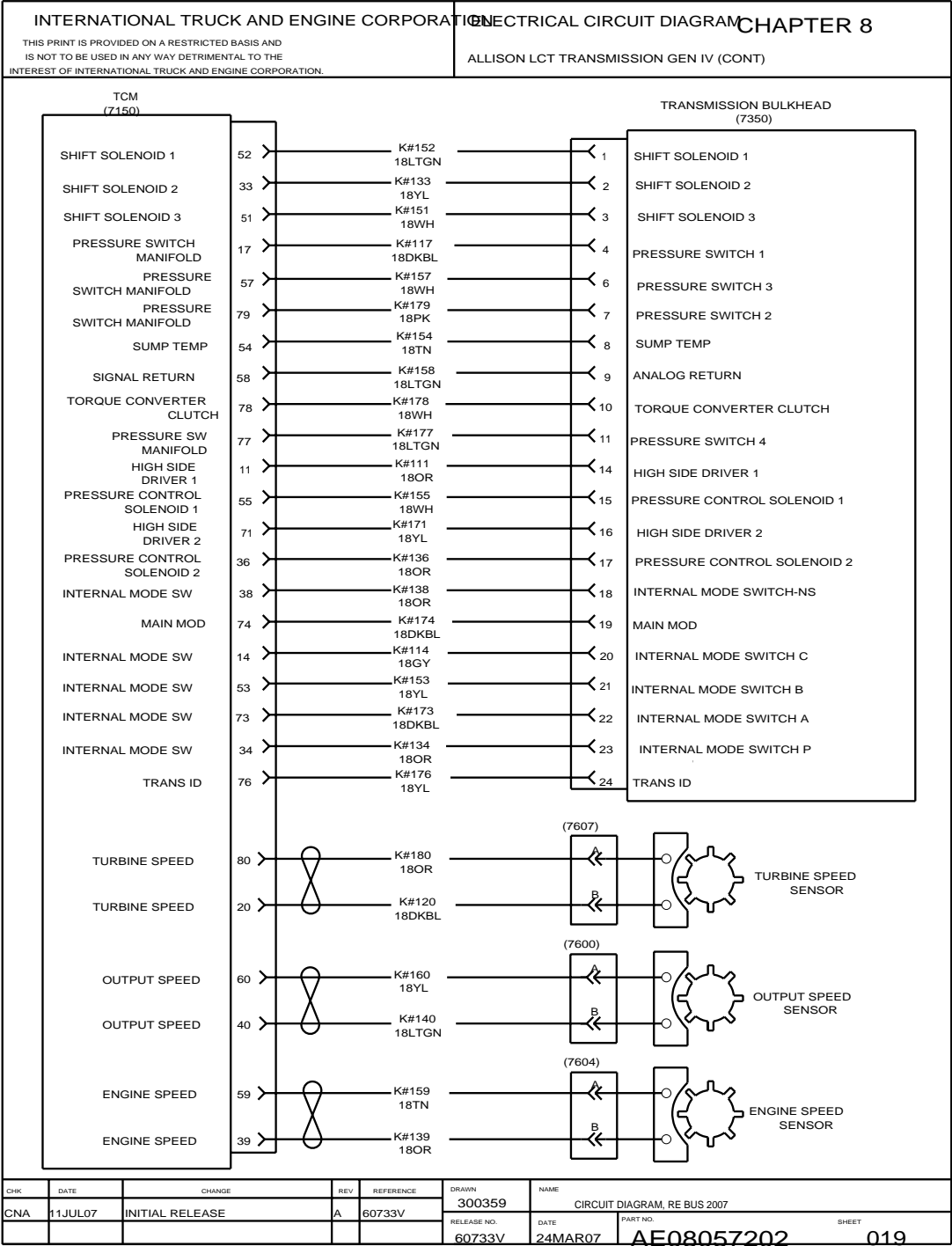


Figure 58 Allison LCT Transmission Gen IV

Figure 59 Allison LCT Transmission Gen IV



8.21. J1708 DATALINK CONNECTION, P. 21

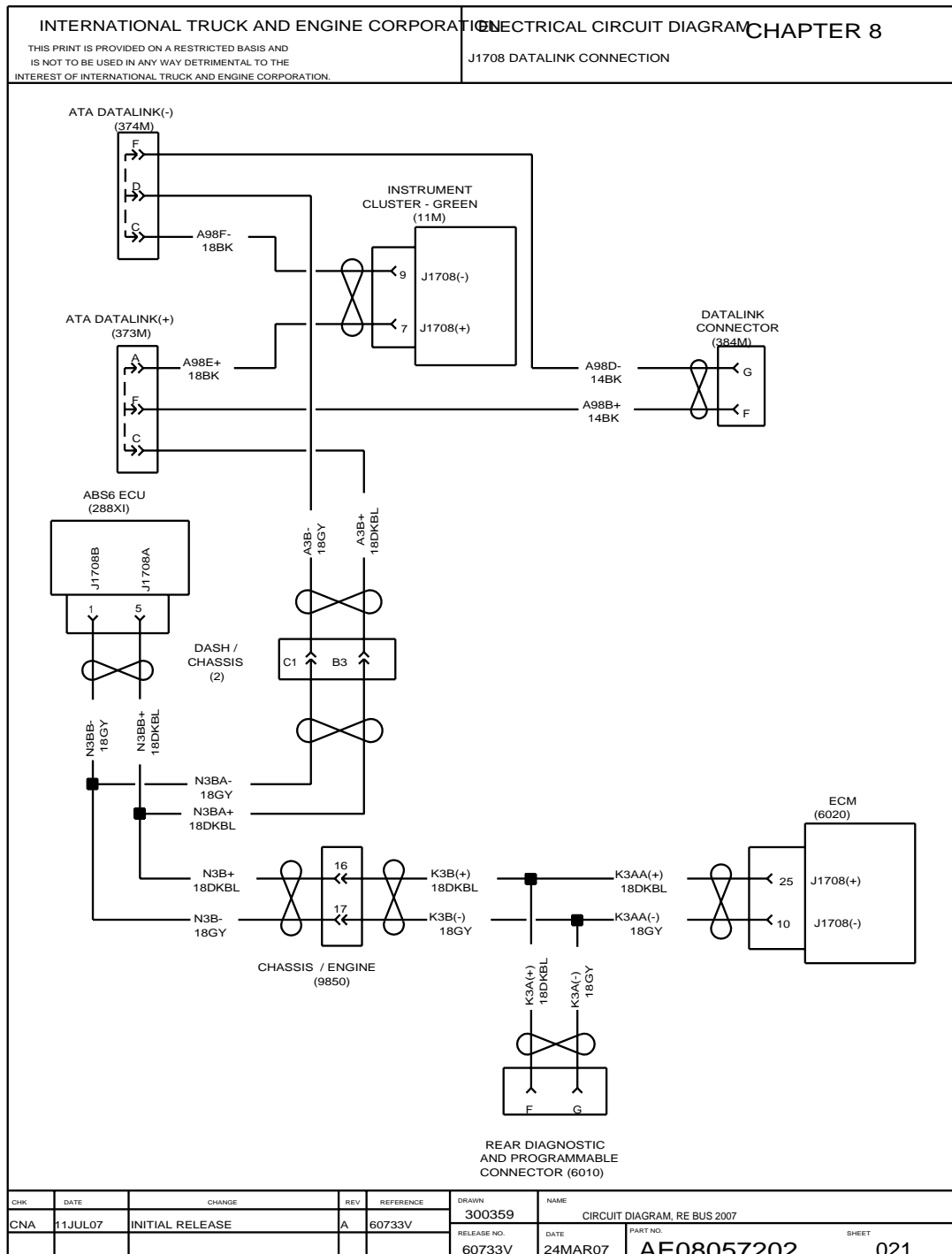


Figure 60 J1708 Datalink Connection

8.22. PARK BRAKE LIFT INTERLOCK, P. 22

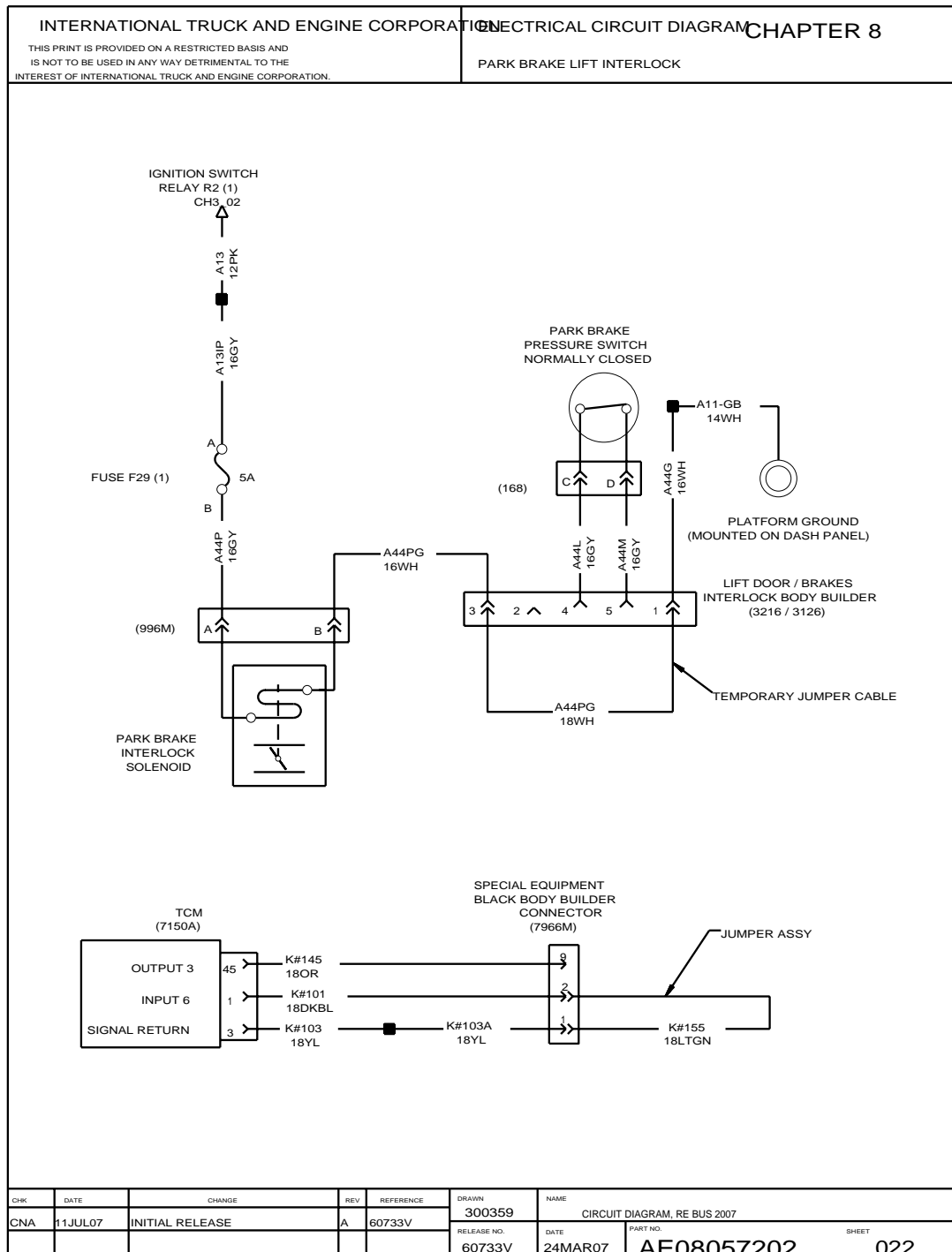


Figure 61 Park Brake Lift Interlock

8.23. BODY BUILDER CONNECTIONS, P. 23

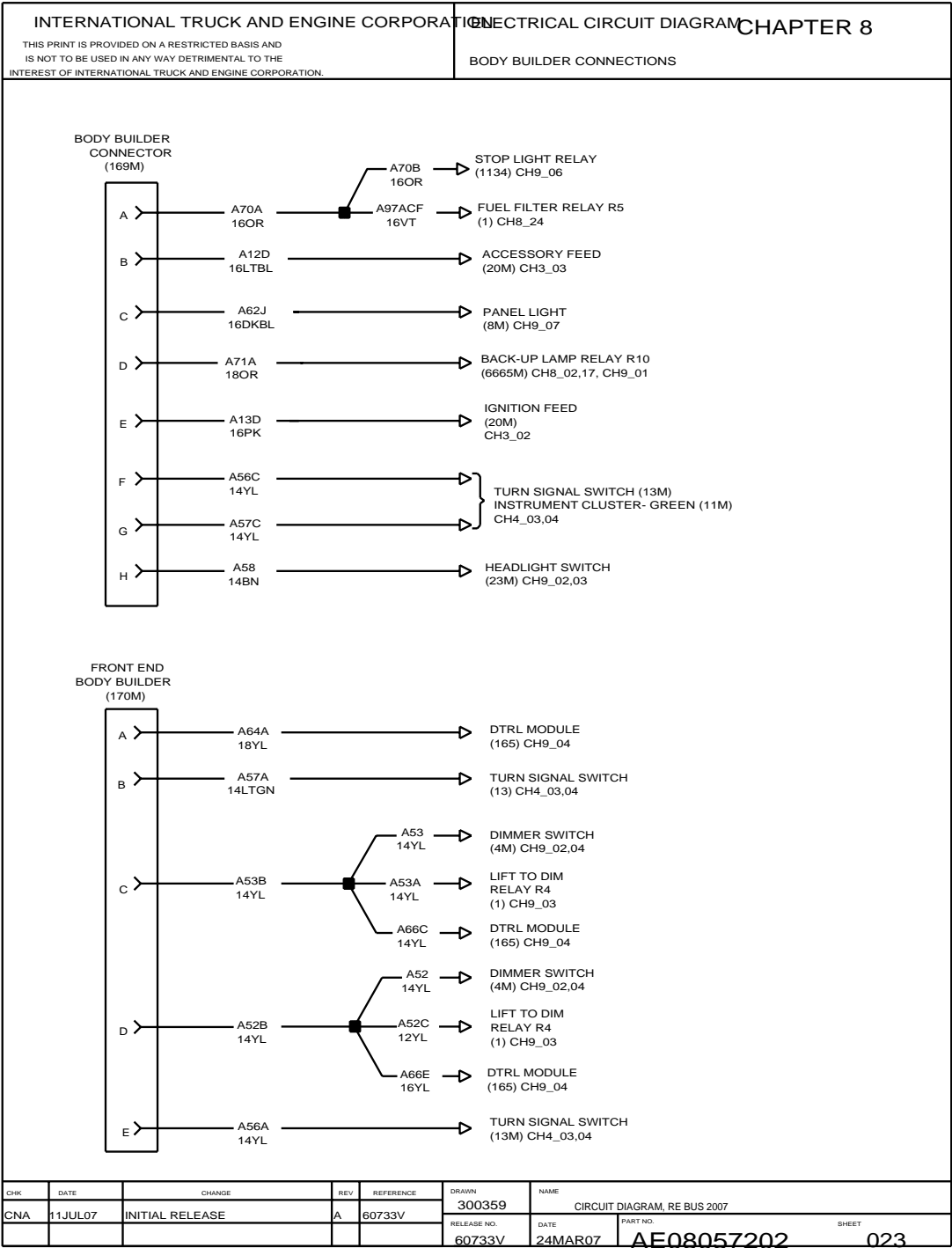


Figure 62 Body Builder Connections

8.24. FUEL FILTER, P. 24

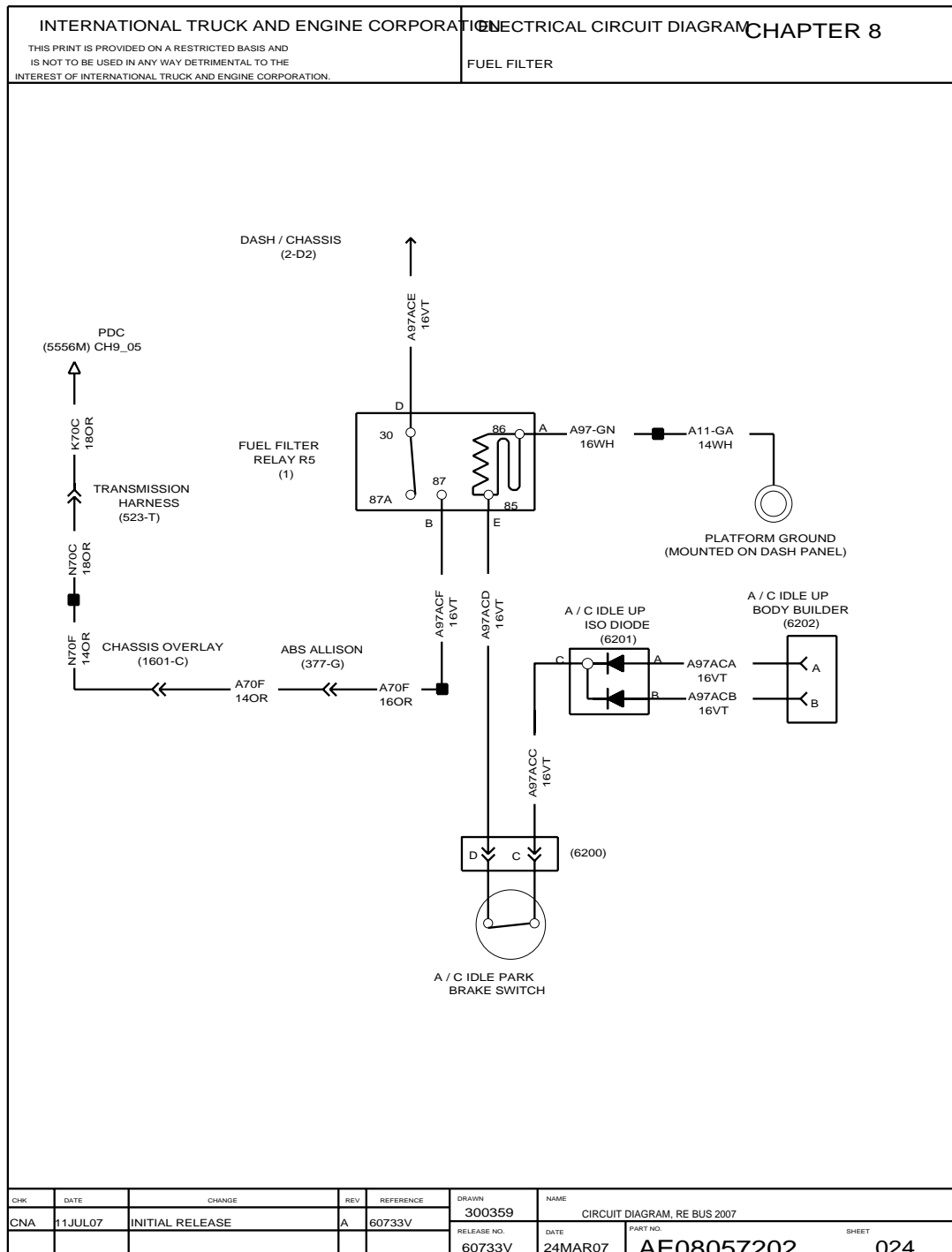


Figure 63 Fuel Filter

9. LIGHT SYSTEMS (CHAPTER 9)

9.1. BACKUP LIGHT SYSTEM ALLISON GEN IV, P. 1

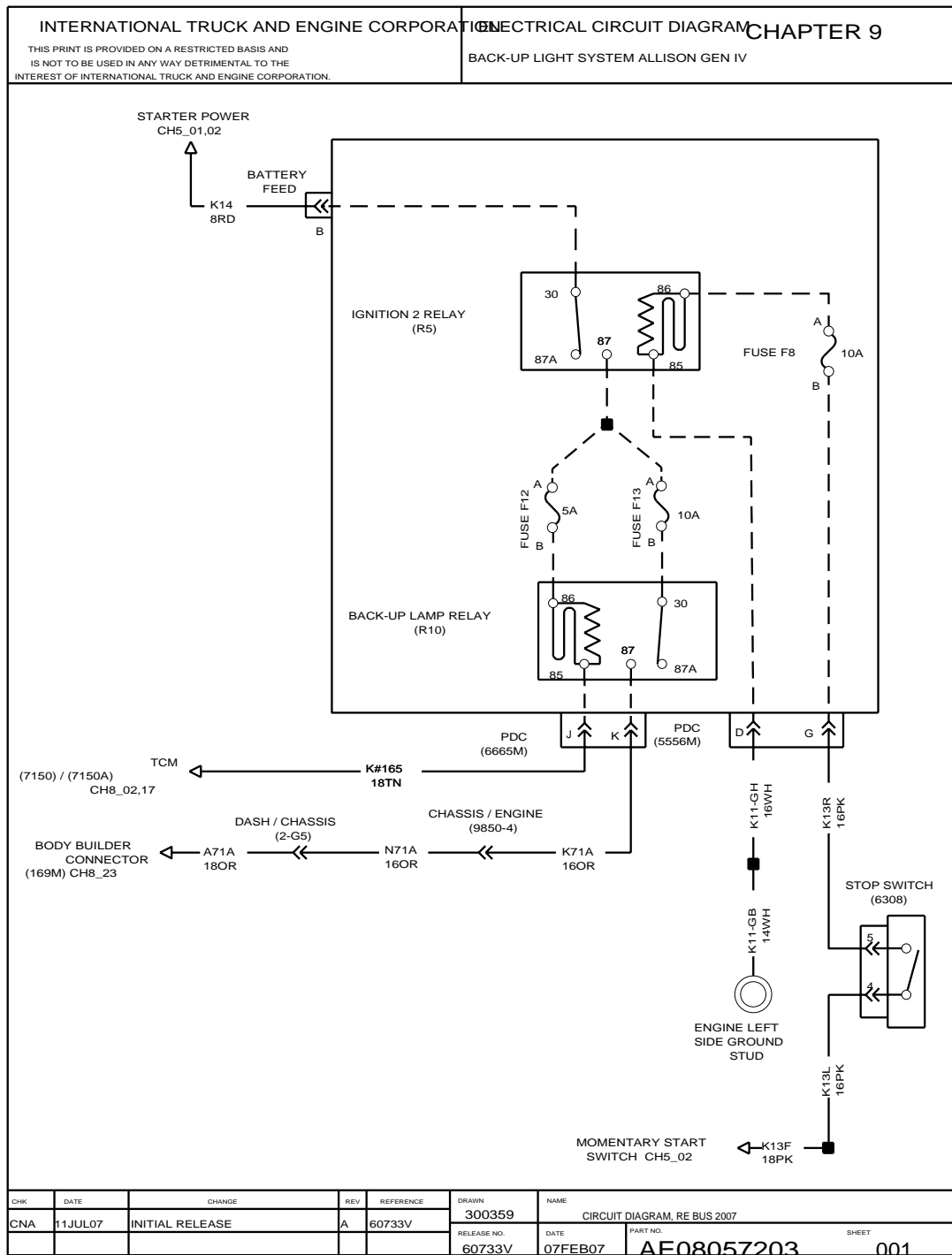


Figure 64 Backup Light System Allison Gen IV

9.2. HEADLIGHT SYSTEM WITH DOUGLAS T/S SWITCH (TILT COLUMN), P. 2

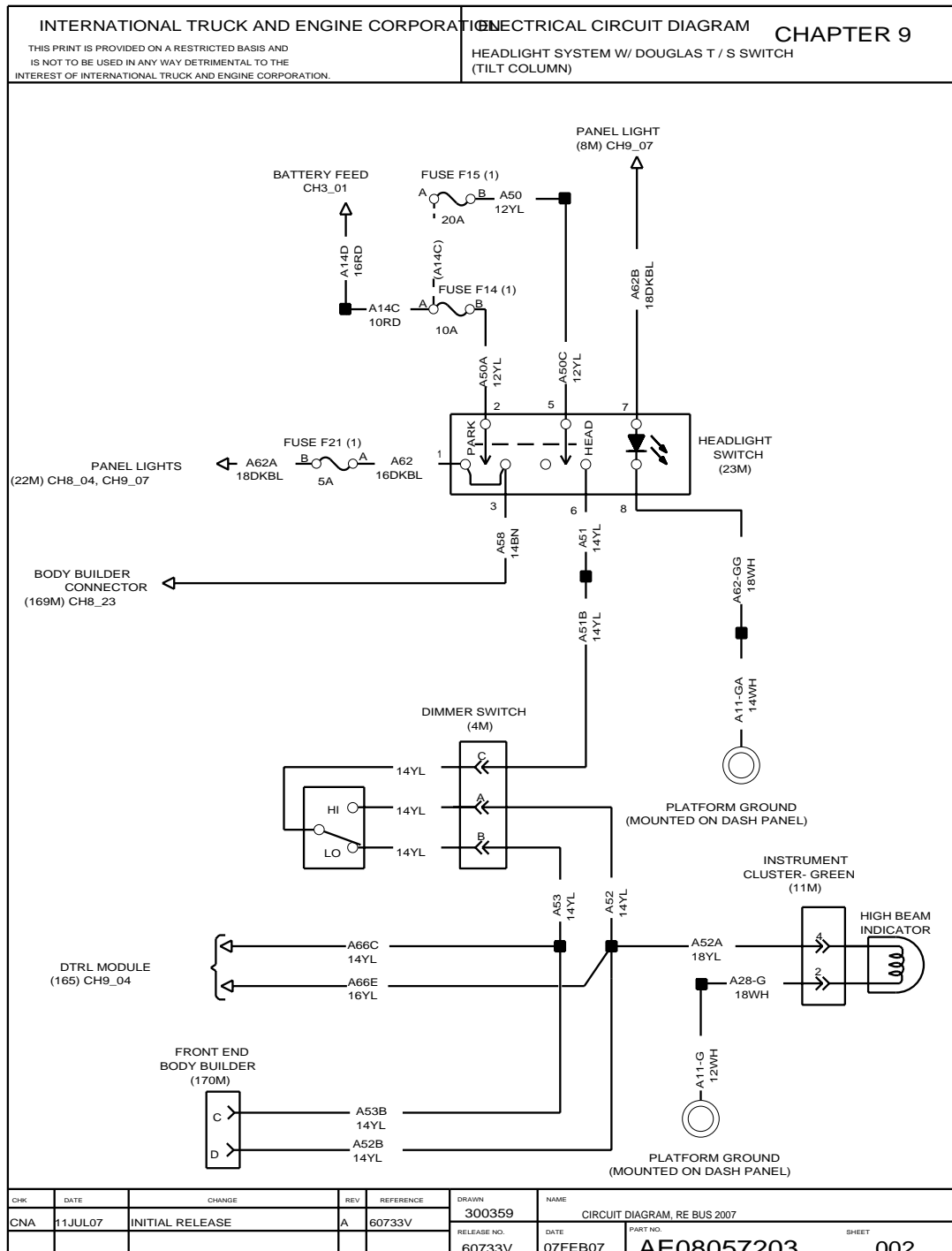


Figure 65 Headlight System with Douglas T/S Switch (Tilt Column)

9.3. HEADLIGHT SYSTEM WITH INTERNATIONAL T/S SWITCH (STATIONARY COLUMN), P. 3

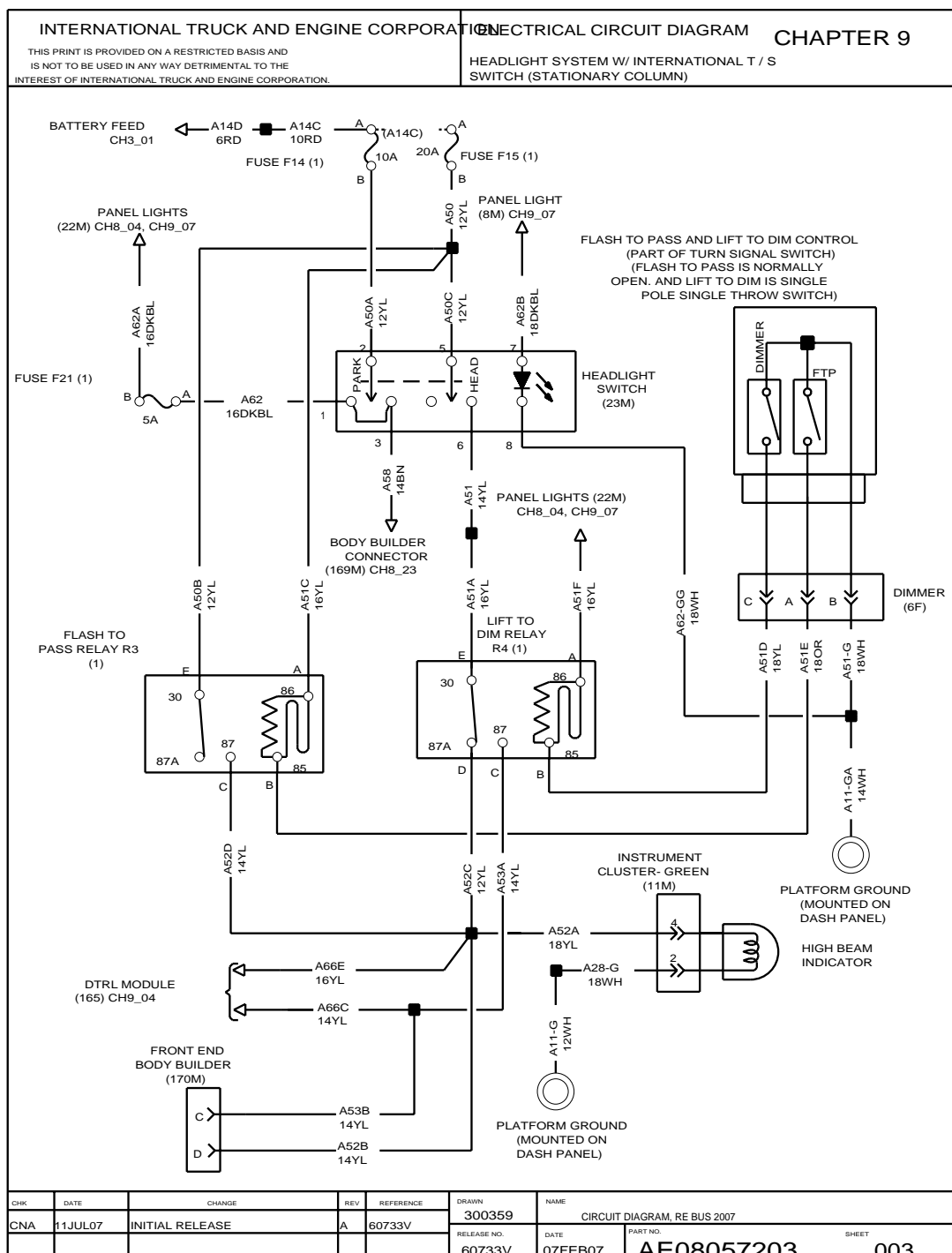


Figure 66 Headlight System with International T/S Switch (Stationary Column)

9.4. DAYTIME RUNNING LIGHTS WITH DOUGLAS OR INTERNATIONAL T/S SWITCH, P. 4

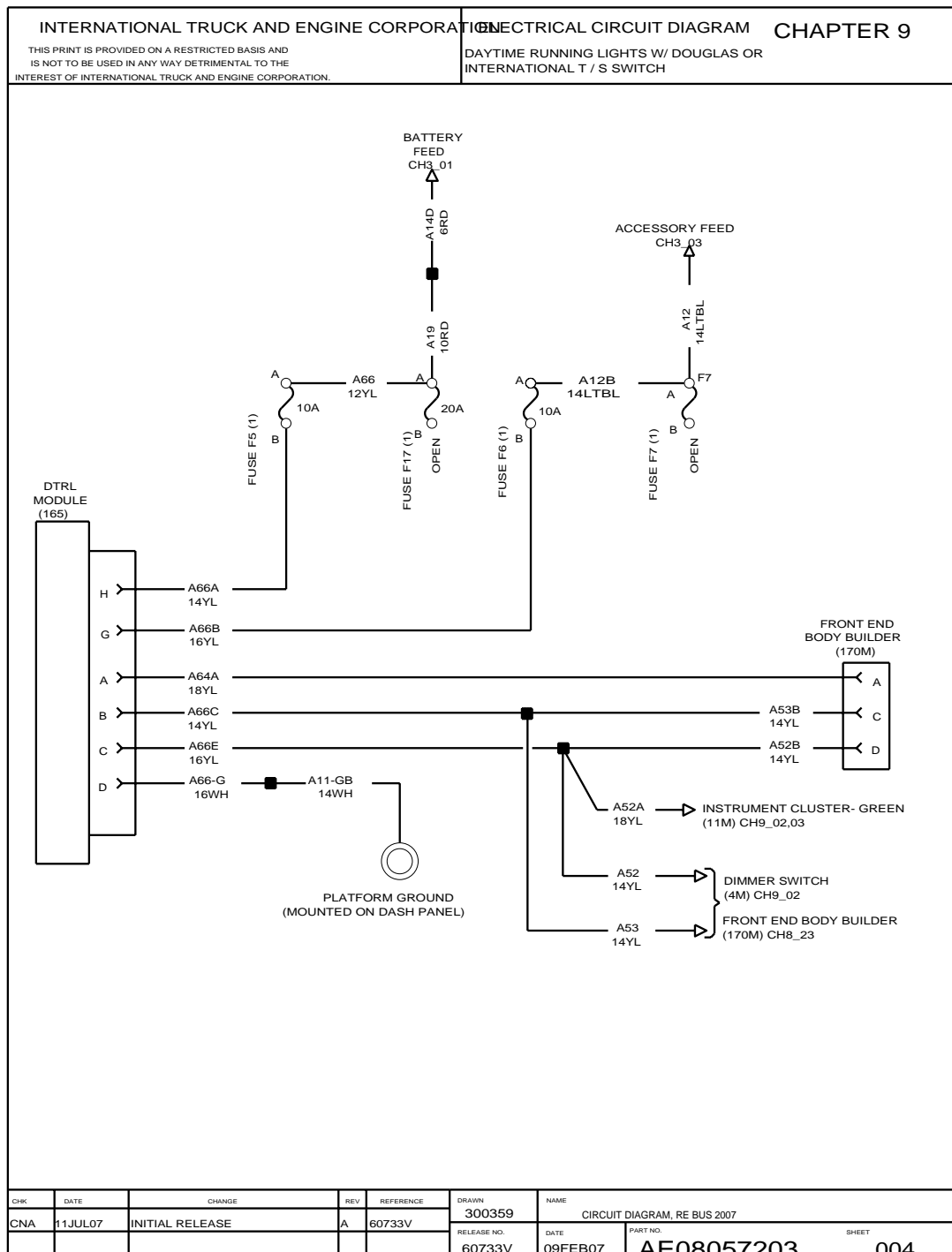


Figure 67 Daytime Running Lights with Douglas or International T/S Switch

9.5. STOP LIGHT SWITCH WITH AIR BRAKES, P. 5

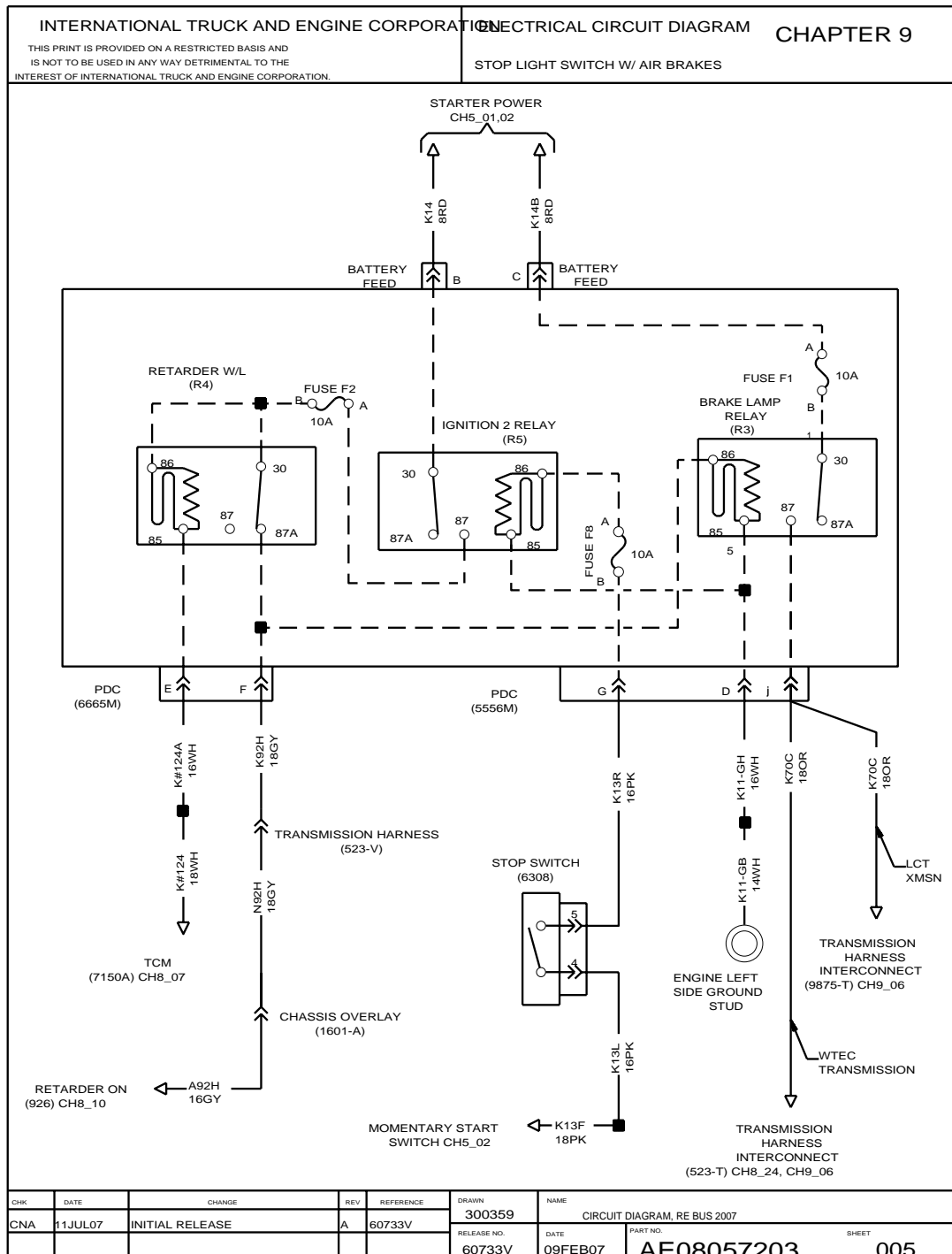


Figure 68 Stop Light Switch with Air Brakes

9.6. STOP LIGHT SWITCH WITH AIR BRAKES, P. 6

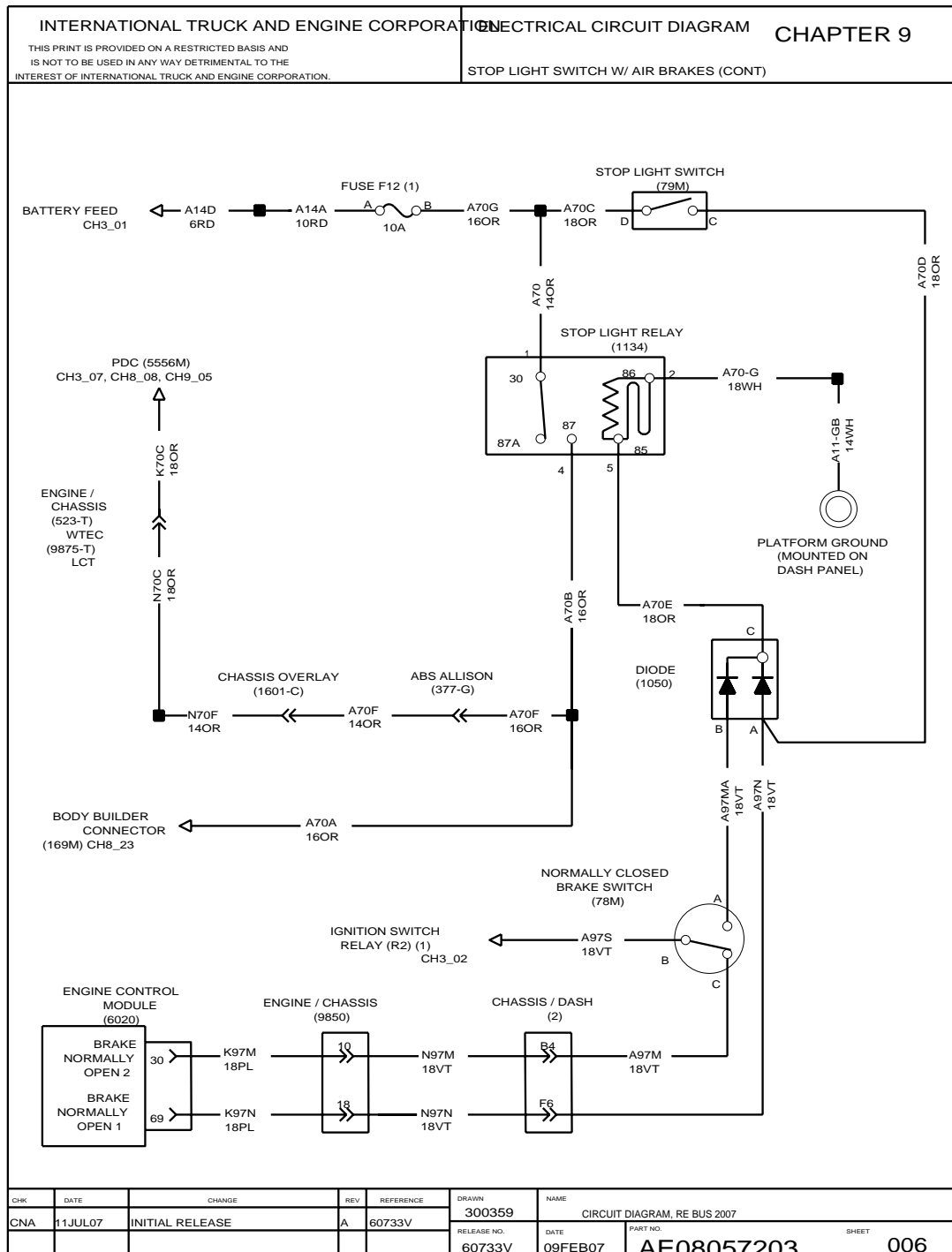


Figure 69 Stop Light Switch with Air Brakes

9.7. PANEL LIGHTS, P. 7

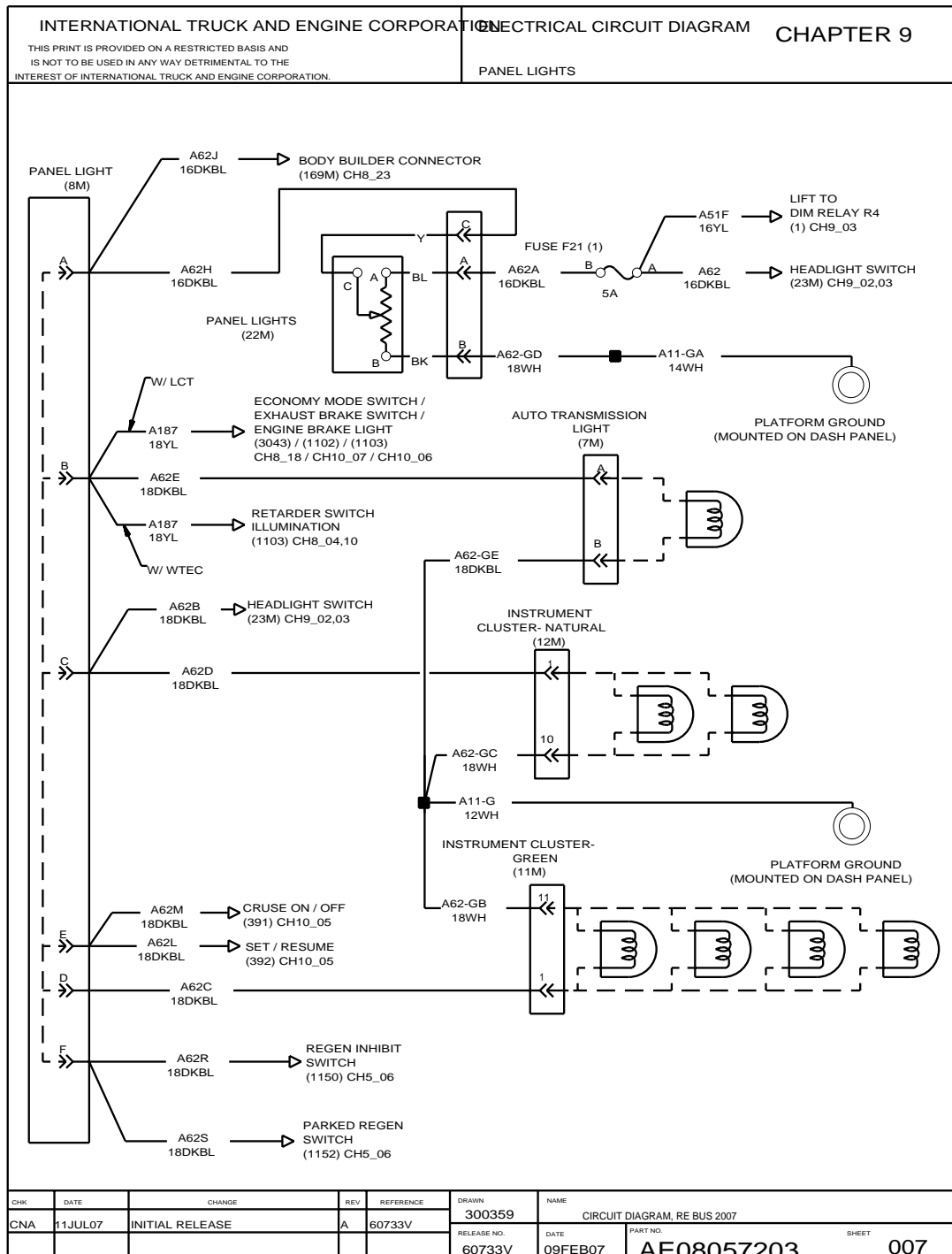


Figure 70 Panel Lights

9.8. DAYTIME RUNNING LIGHTS WITH ENGINE RUNNING ONLY / LEECE NEVILLE ALTERNATOR FEED, P. 8

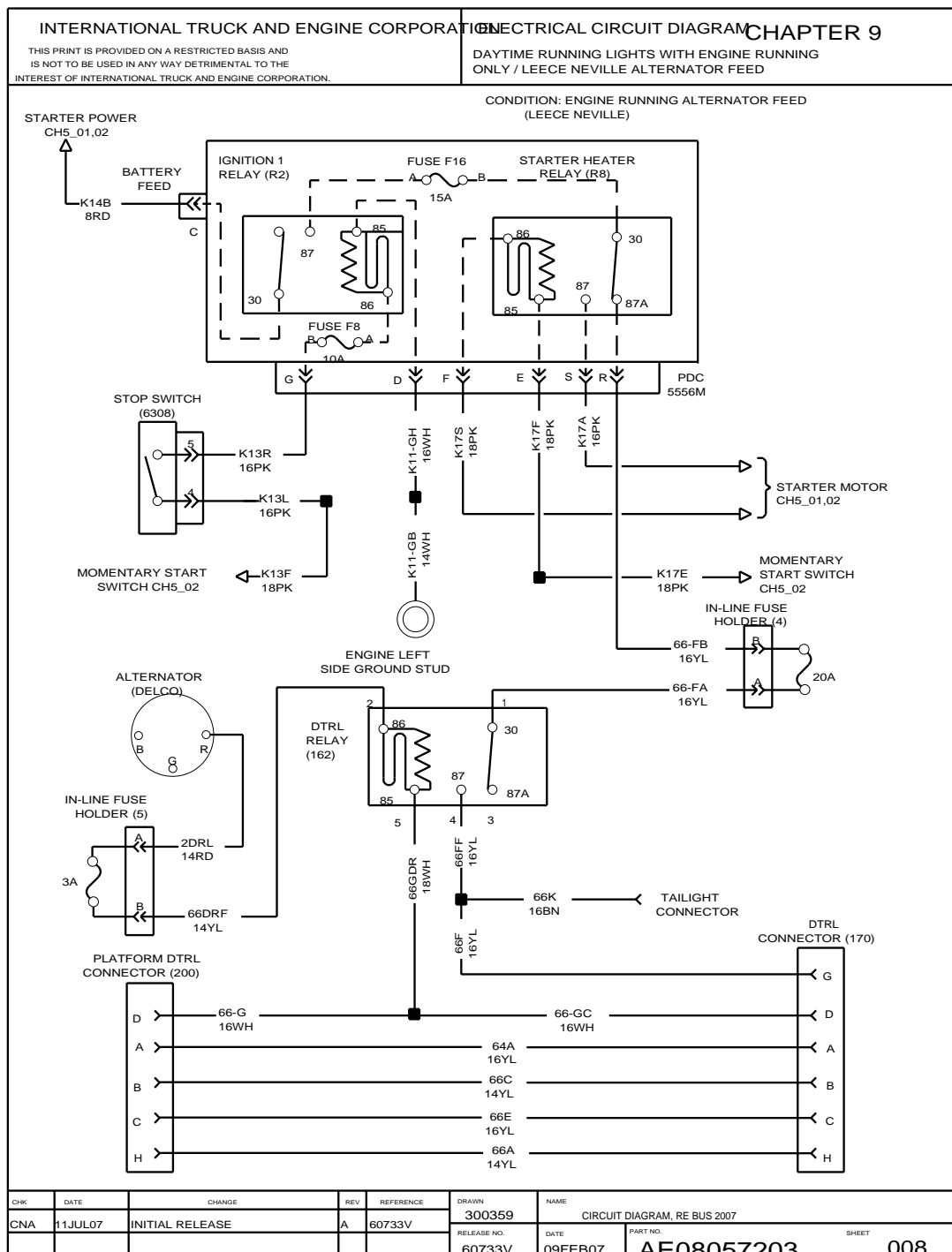


Figure 71 Daytime Running Lights with Engine Running Only / Leece Neville Alternator Feed

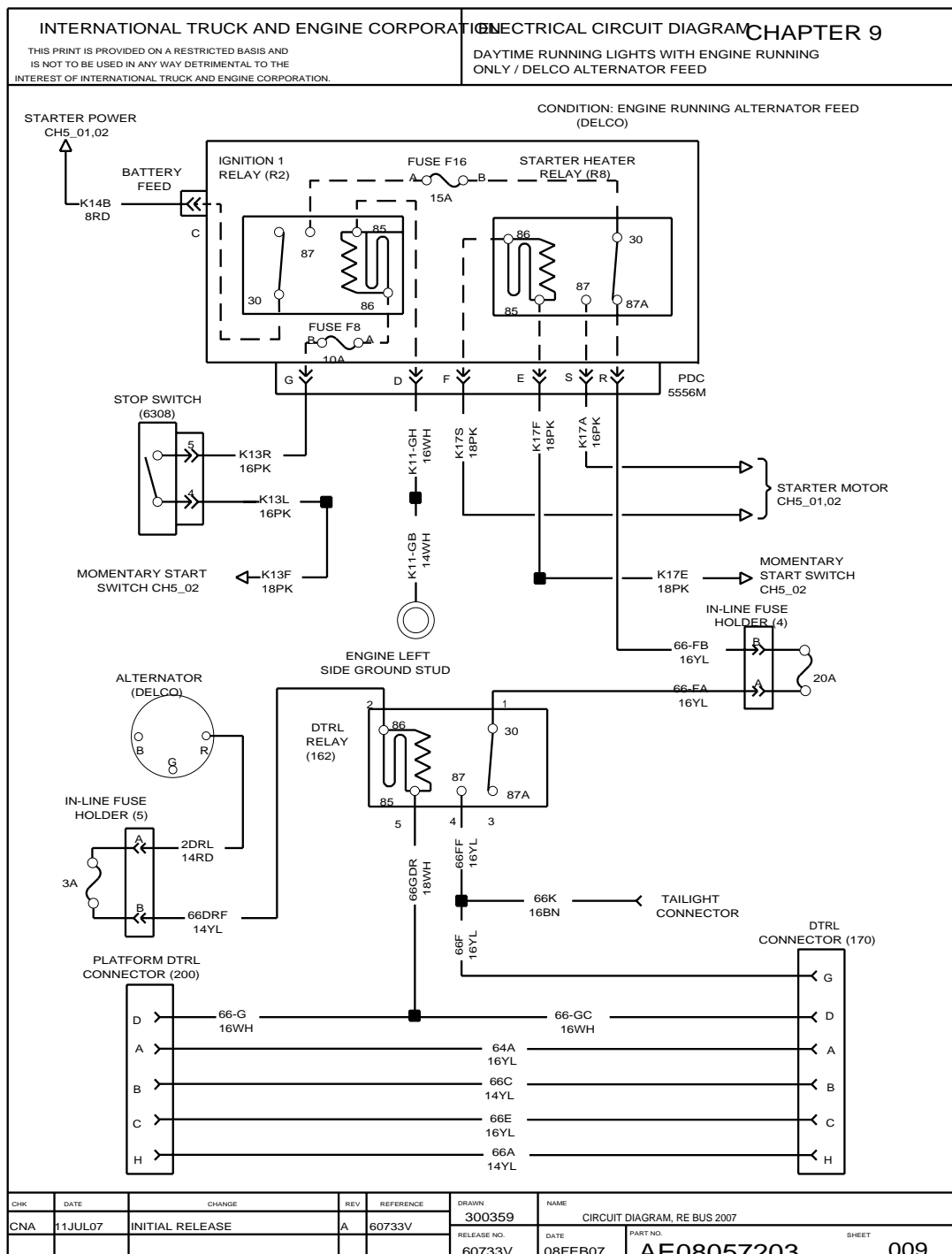


Figure 72 Daytime Running Lights with Engine Running Only / Delco Alternator Feed

10. ELECTRONIC ENGINES (CHAPTER 10)

10.1. ELECTRONIC ENGINE CONTROLS, P. 1

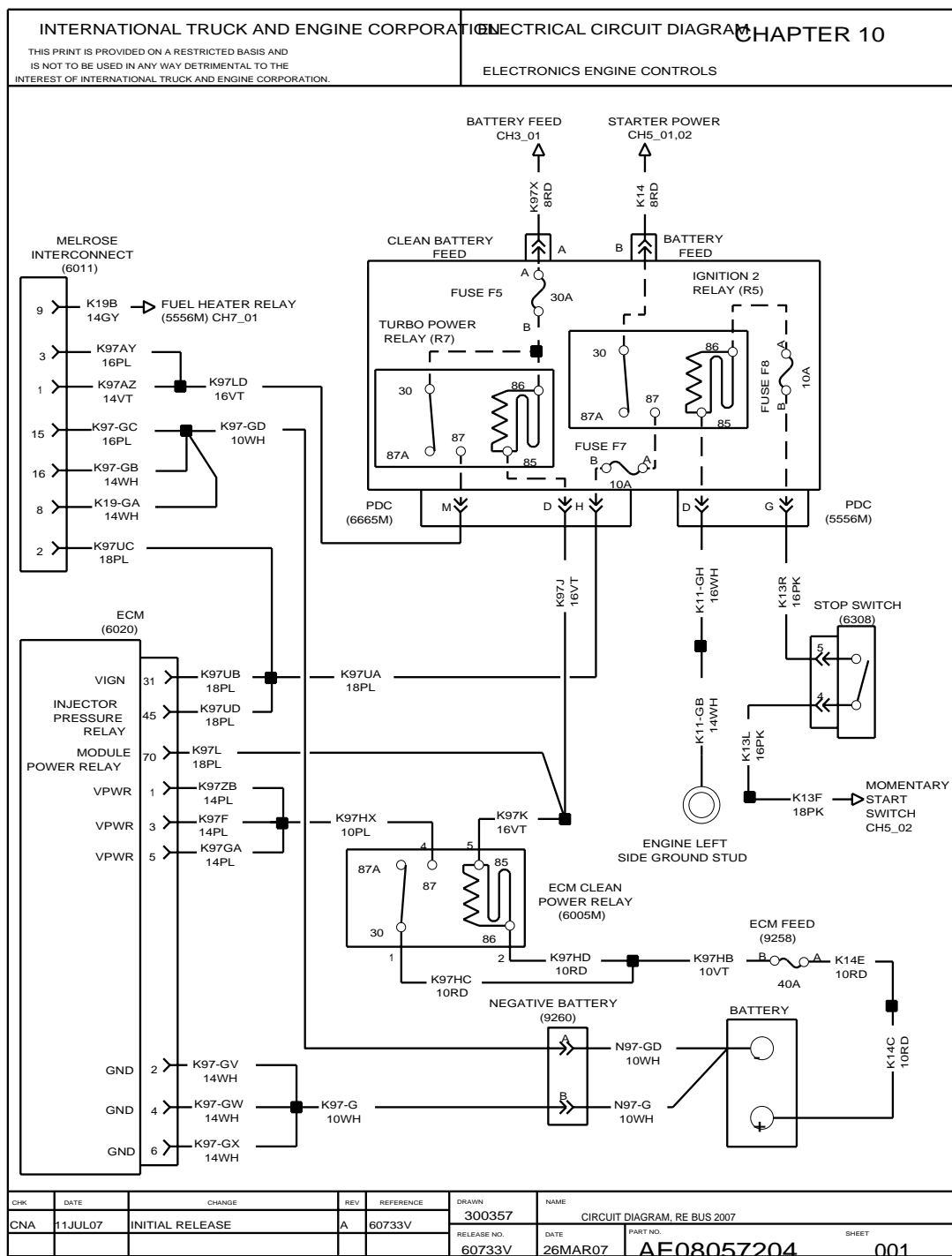


Figure 73 Electronic Engine Controls

10.2. ELECTRONIC ENGINE CONTROLS, P. 2

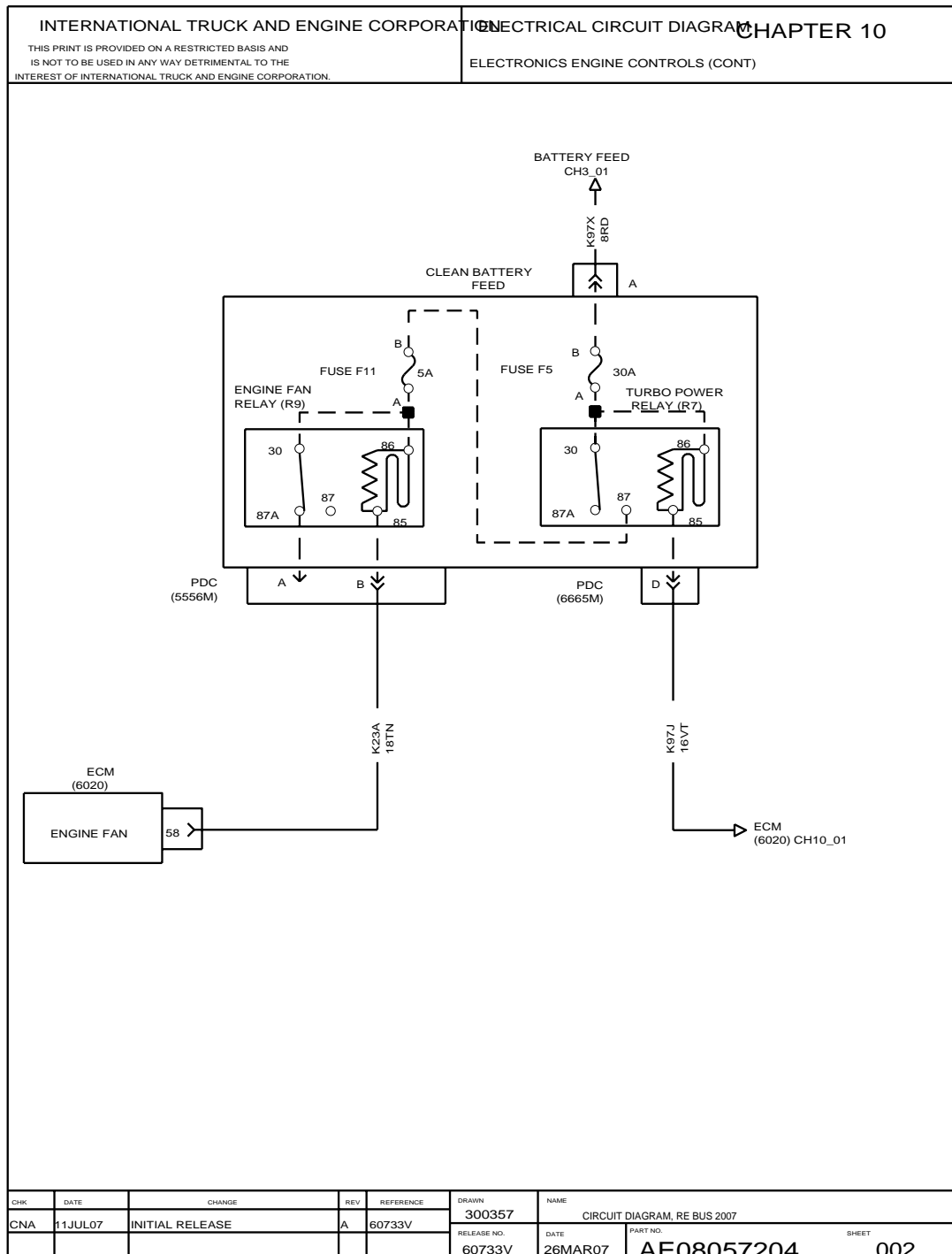


Figure 74 Electronic Engine Controls

10.3. ELECTRONIC ENGINE CONTROLS, P. 3

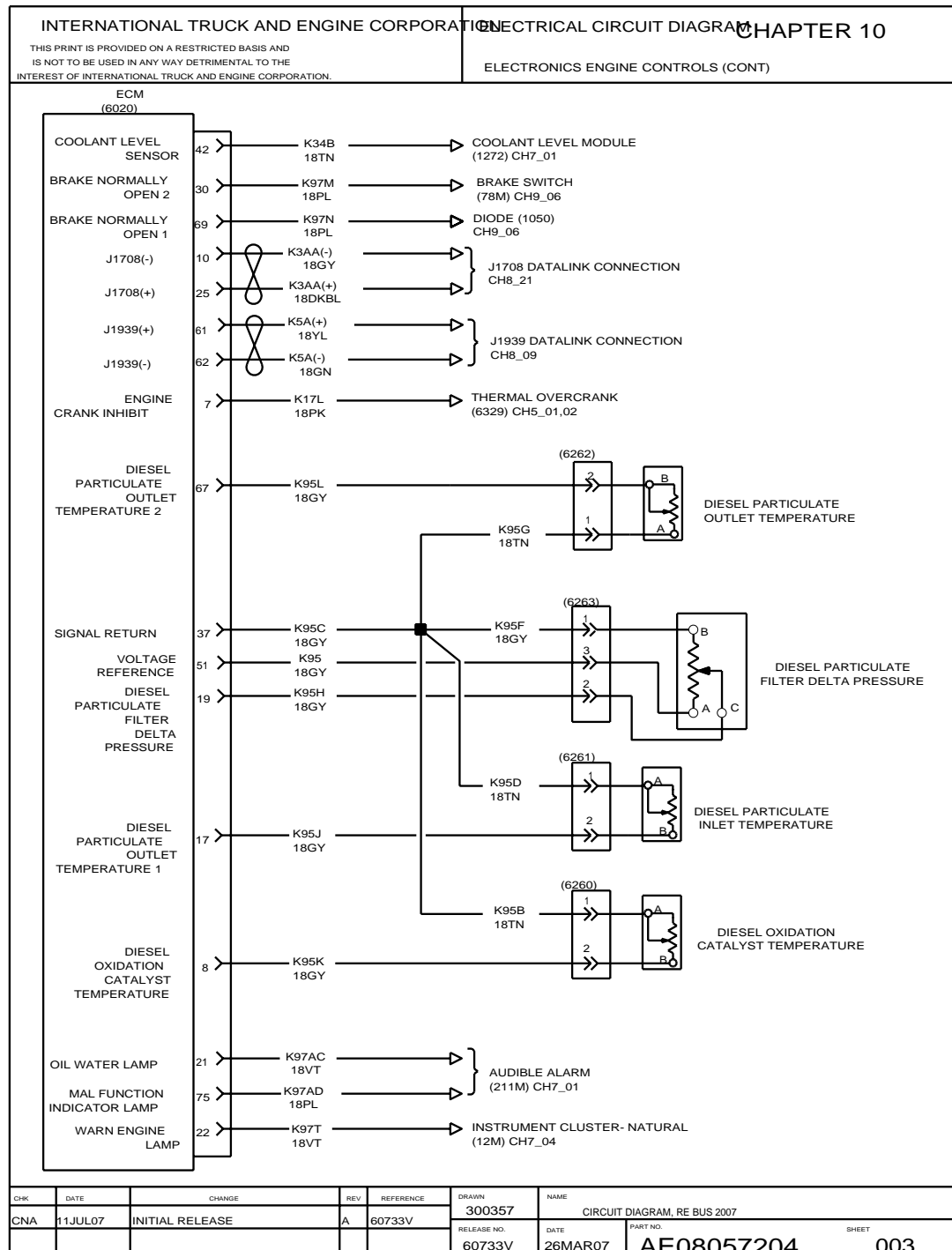


Figure 75 Electronic Engine Controls

10.4. ELECTRONIC ENGINE CONTROLS, P. 4

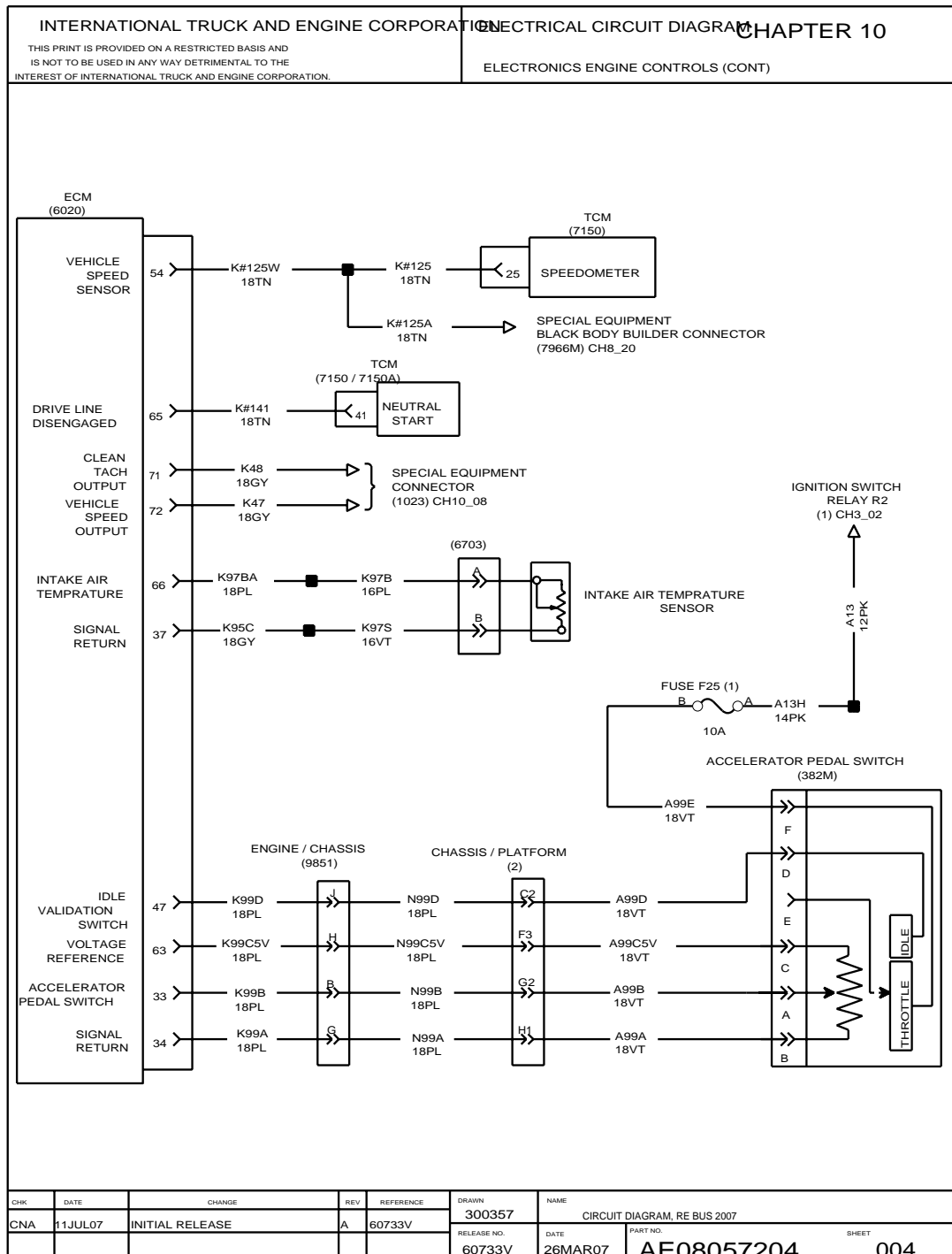


Figure 76 Electronic Engine Controls

10.5. CRUISE CONTROL AND ELECTRONIC HAND THROTTLE, P. 5

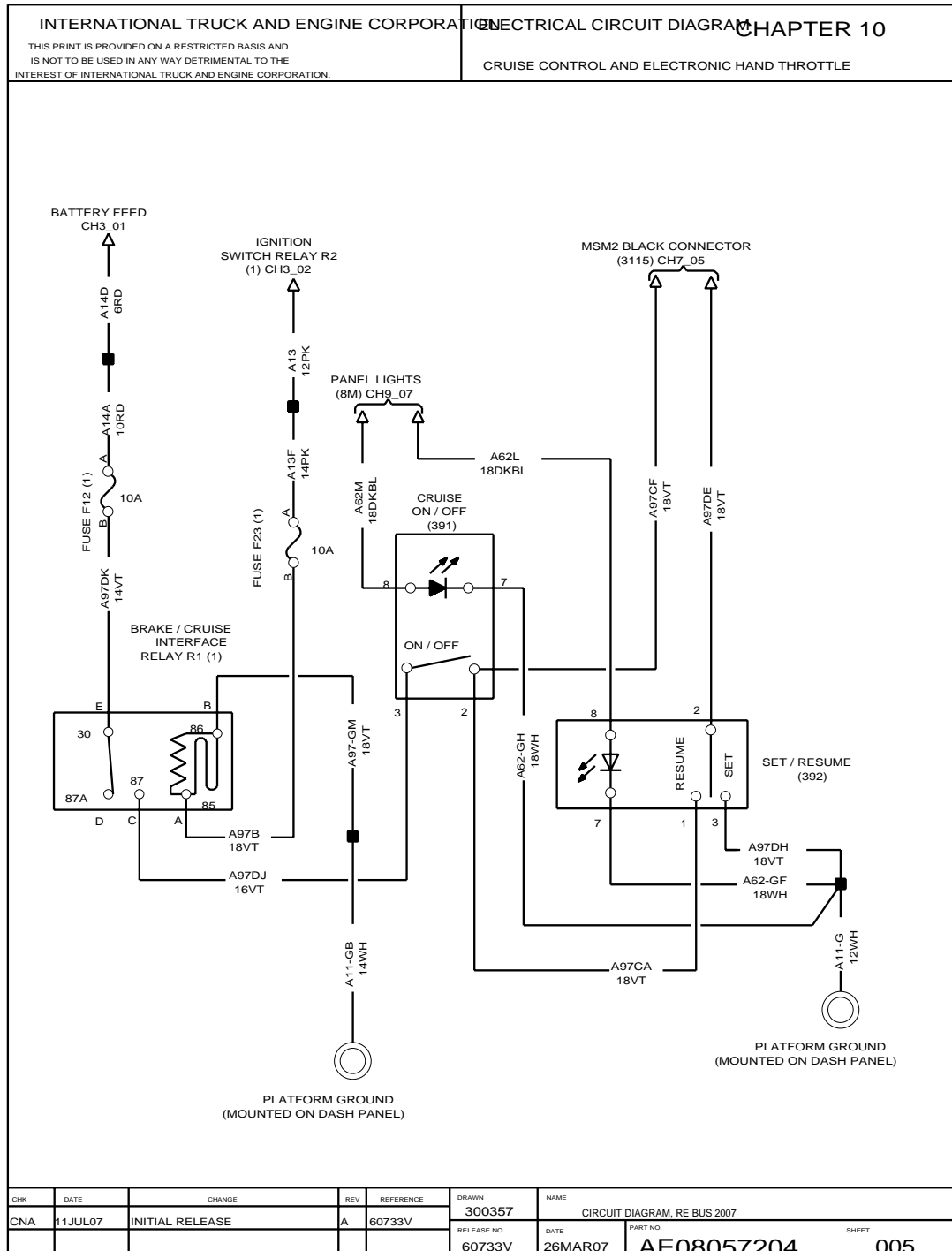


Figure 77 Cruise Control and Electronic Hand Throttle

10.6. ENGINE BRAKES WITH WTEC IV TRANSMISSION AND I6 ENGINE, P. 6

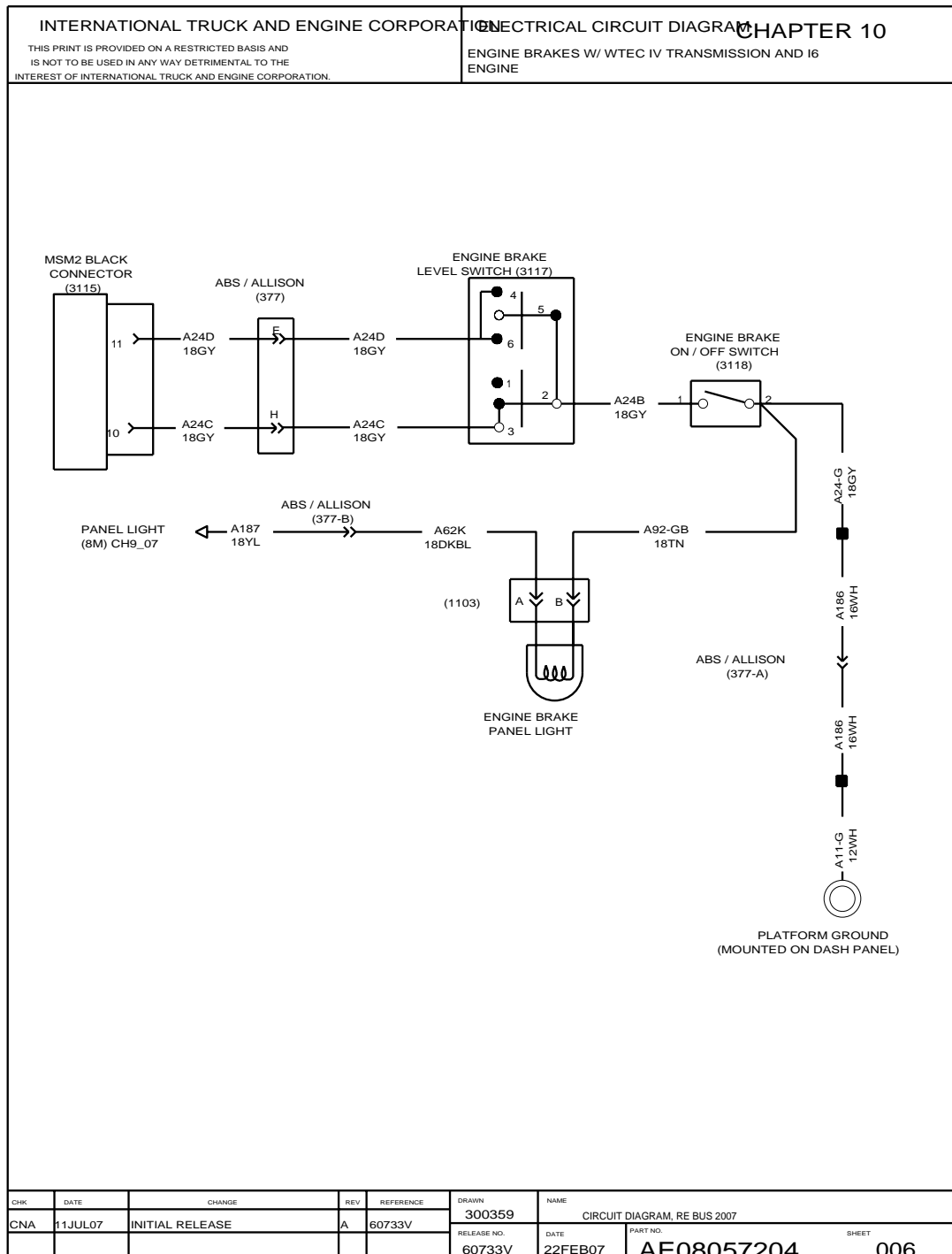


Figure 78 Engine Brakes with WTEC IV Transmission and I6 Engine

10.7. EXHAUST BRAKES WITH WTEC IV TRANSMISSION AND I6 ENGINE, P. 7

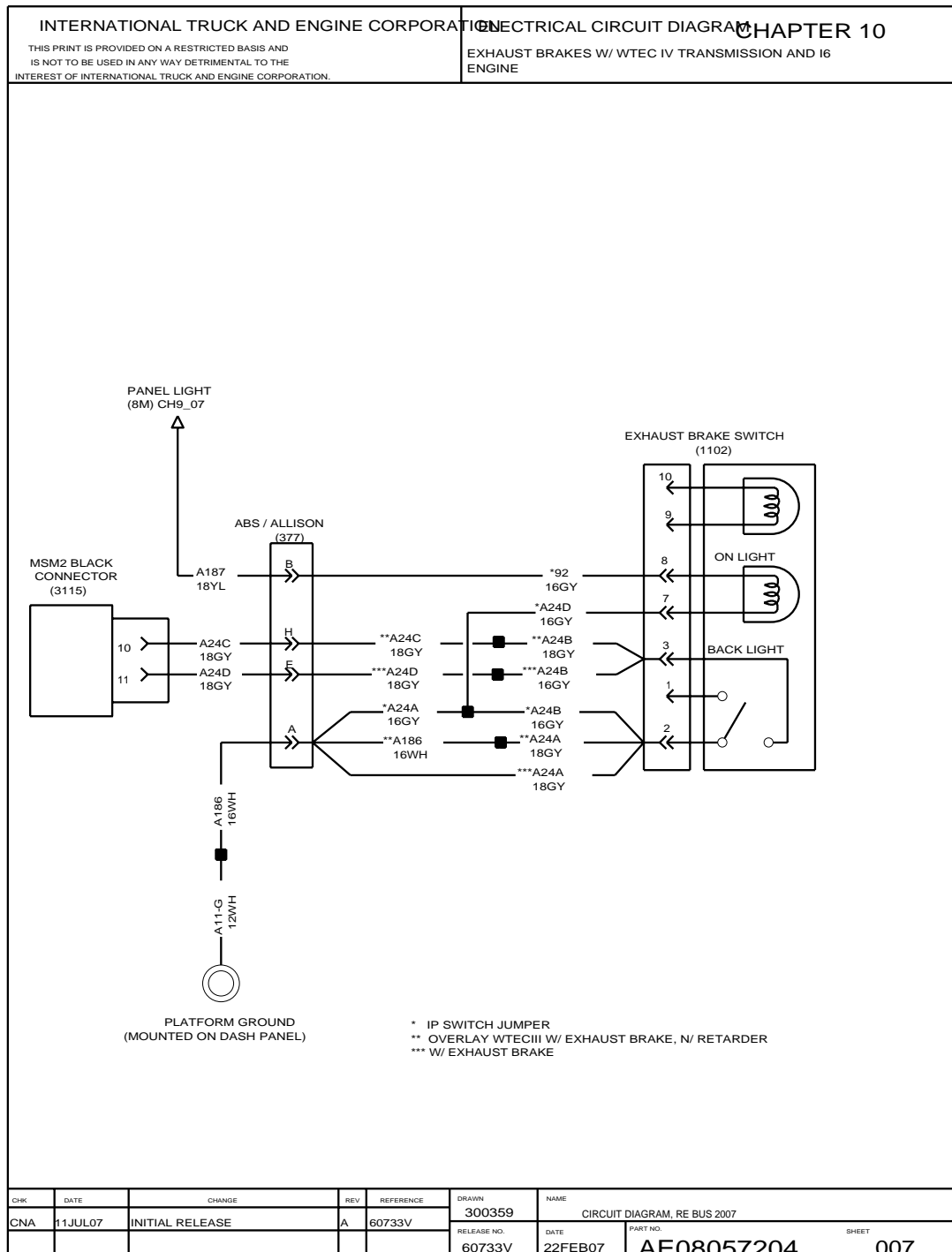


Figure 79 Exhaust Brakes with WTEC IV Transmission and I6 Engine

10.8. SPARE SPEEDOMETER AND TACHOMETER OUTPUT SIGNALS, P. 8

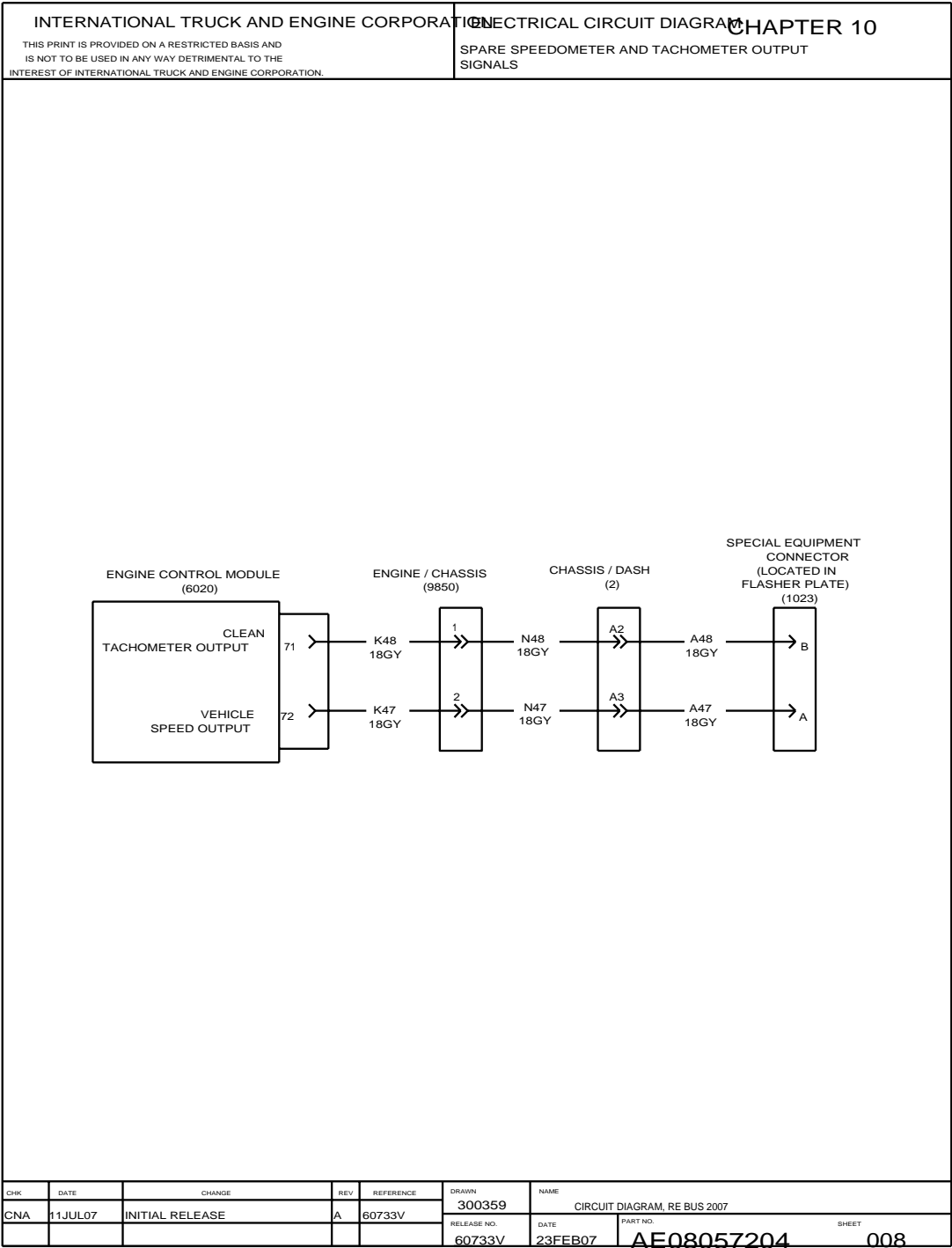


Figure 80 Spare Speedometer and Tachometer Output Signals

11. CONNECTOR BODY COMPOSITES (CHAPTER 11)

11.1. CONNECTOR COMPOSITES (1), P. 1

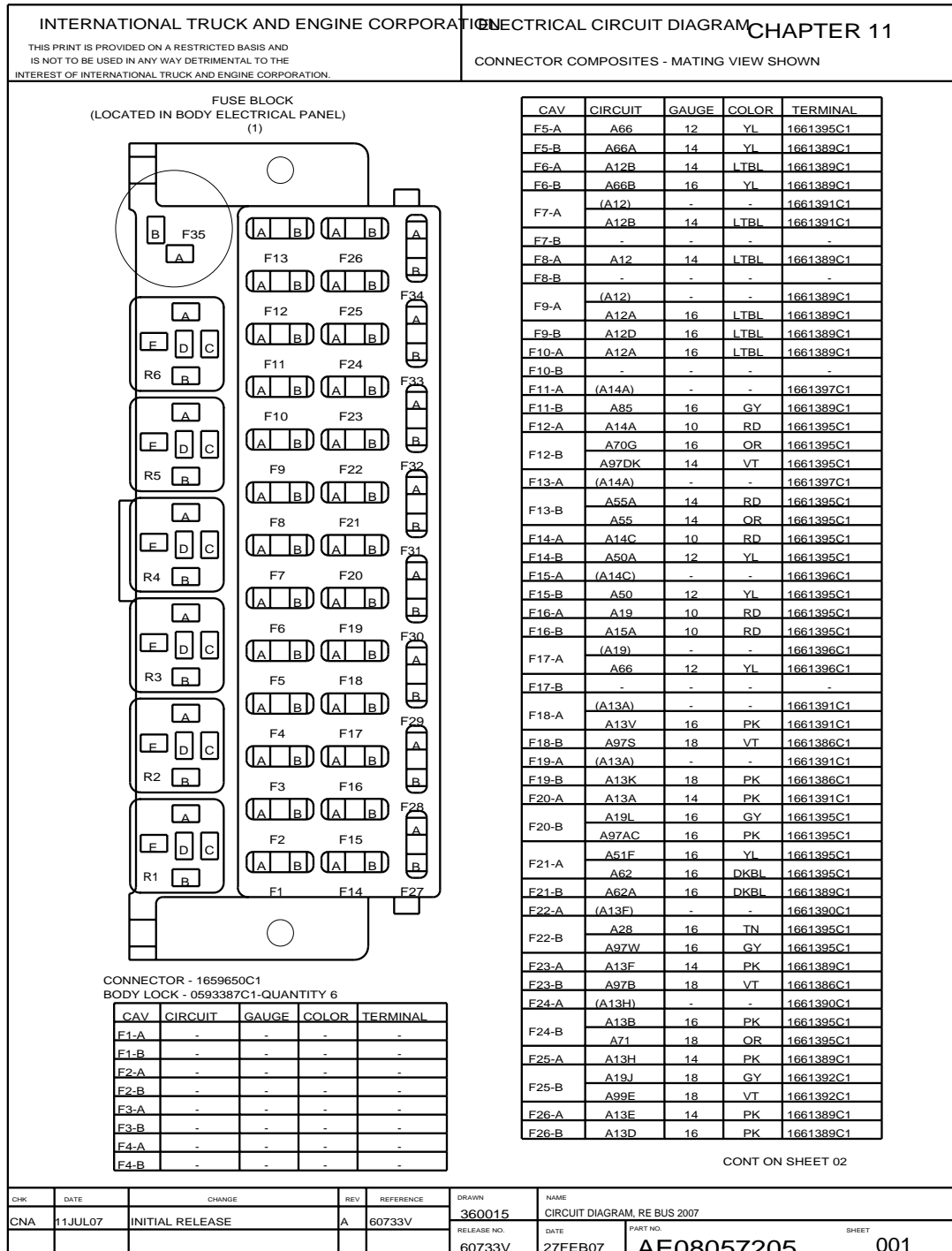


Figure 81 Connector Composites (1)

11.2. CONNECTOR COMPOSITE (1), P. 2

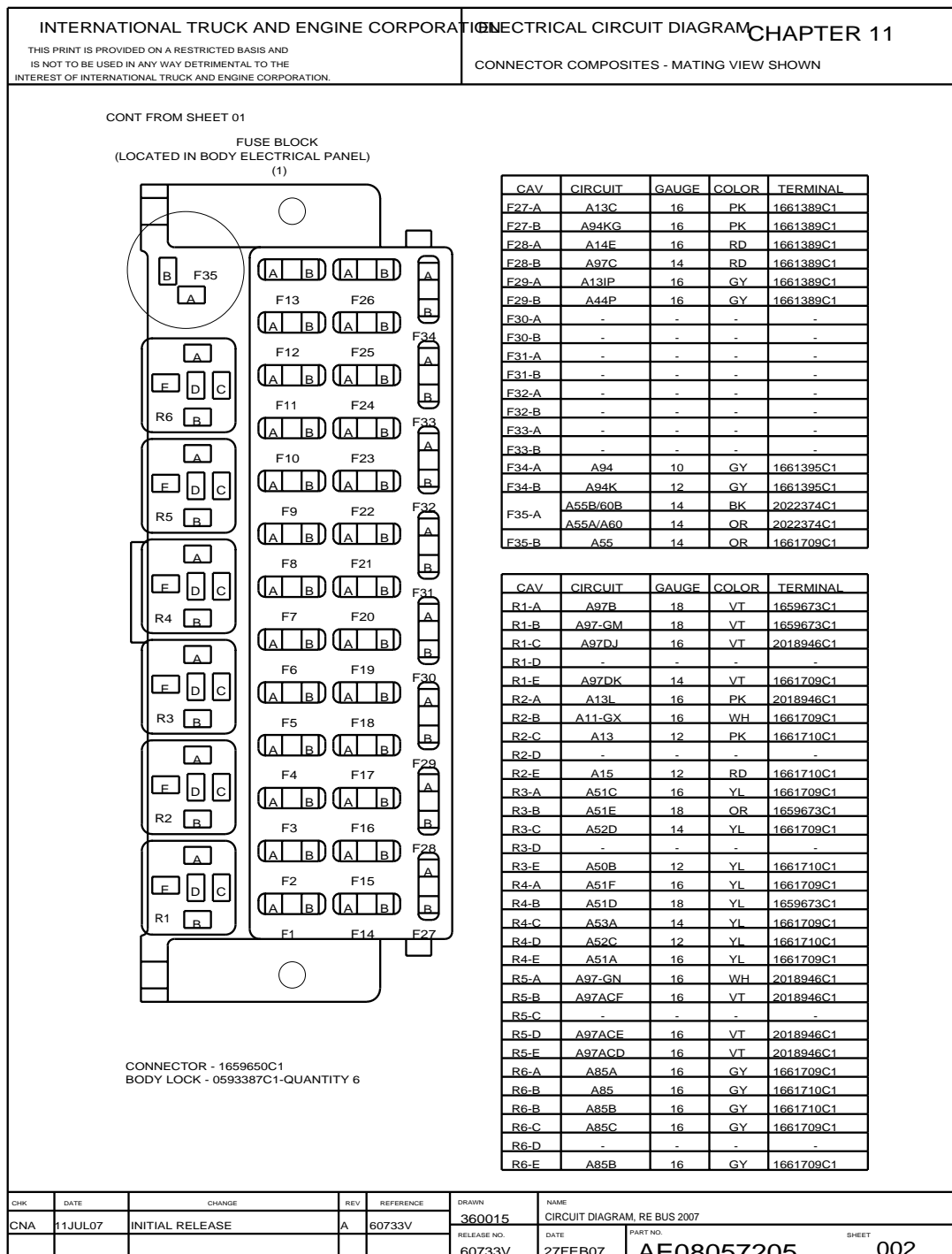


Figure 82 Connector Composite (1)

11.3. CONNECTOR COMPOSITES (2A), (2F), P. 3

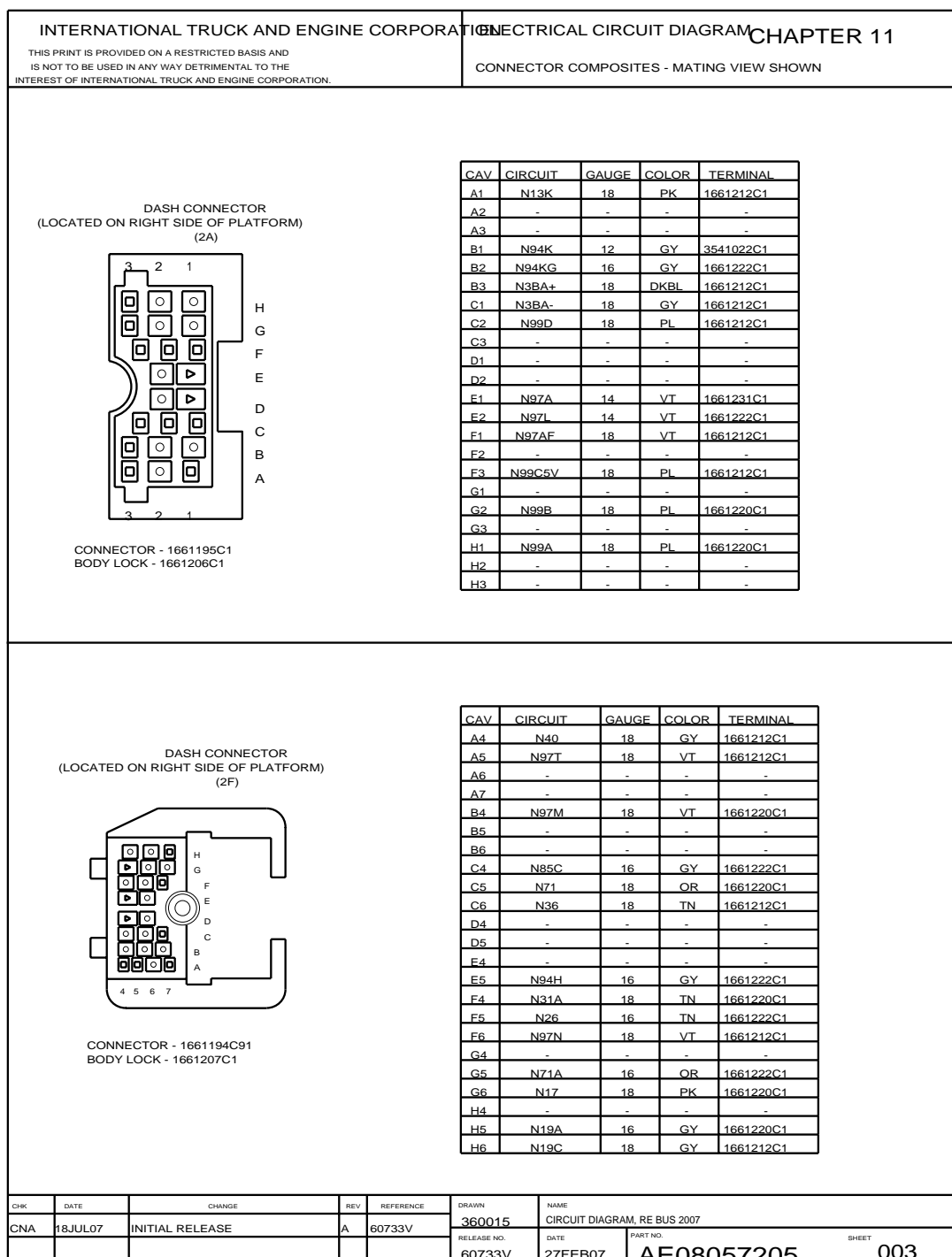


Figure 83 Connector Composites (2A), (2F)

11.4. CONNECTOR COMPOSITE (2M), P. 4

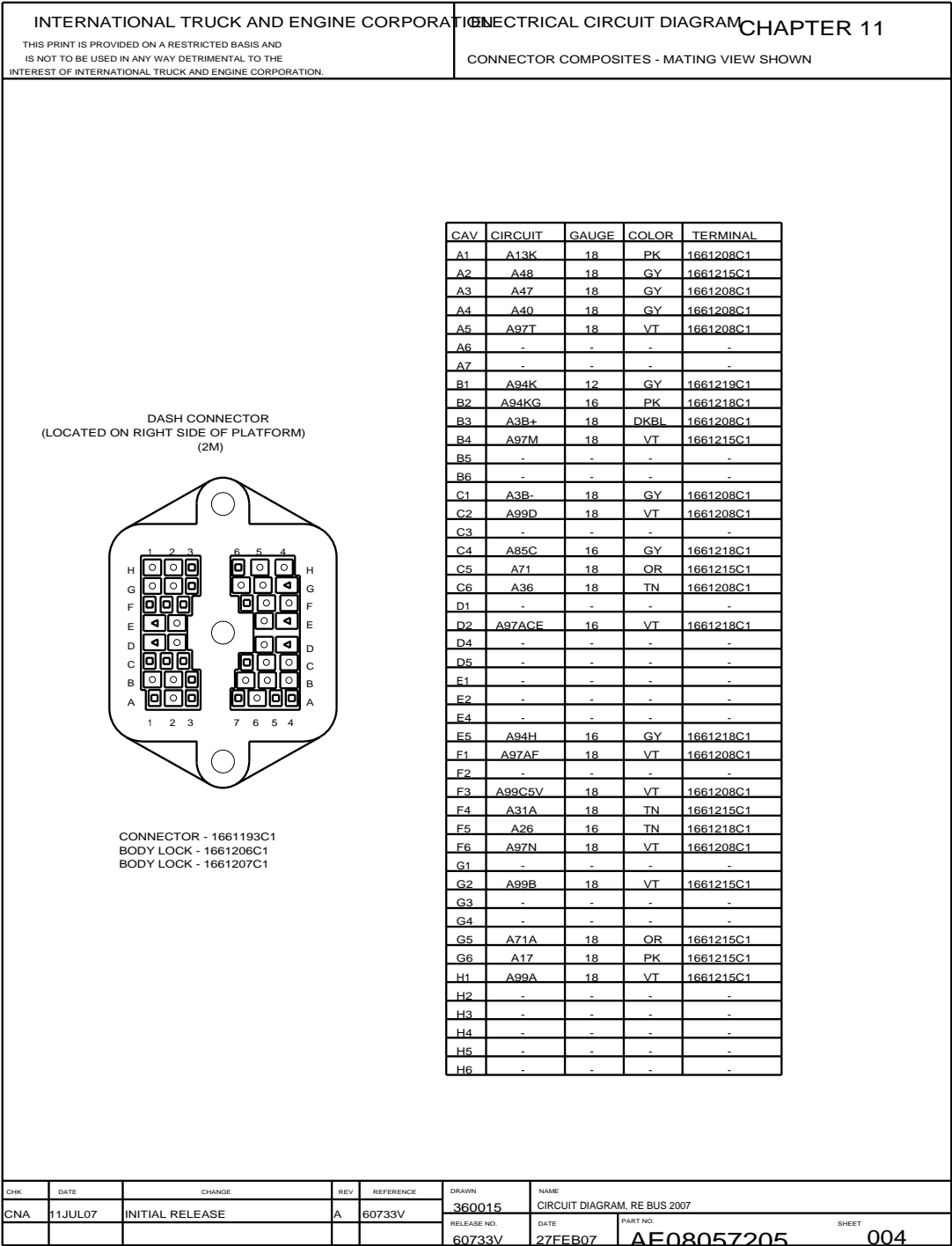


Figure 84 Connector Composite (2M)

11.5. CONNECTOR COMPOSITES (3F), (4M), (6F), (7M), (8M), P. 5

INTERNATIONAL TRUCK AND ENGINE CORPORATION

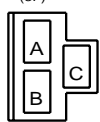
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 11

CONNECTOR COMPOSITES - MATING VIEW SHOWN

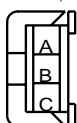
RECTIFIER ASSEMBLY
(3F)



CONNECTOR - 0598839C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	44-GB	18	GY	0333732C1
B	19N	18	GY	0333732C1
C	44/19	18	GY	0333732C1


DIMMER SWITCH
(LOCATED ON LEFT SIDE OF STEERING COLUMN)
(4M)



CONNECTOR - 1661198C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A52	14	YL	3566715C1
B	A53	14	YL	3566715C1
C	A51B	14	YL	3566715C1

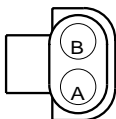
DIMMER
(LOCATED ON LEFT SIDE OF STEERING COLUMN)
(6F)



CONNECTOR - 1661891C1
BODY LOCK - 1661892C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A51E	18	QR	1661262C1
B	A51-G	18	WH	1661262C1
C	A51D	18	YL	1661262C1

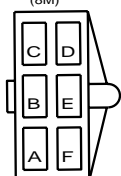
AUTO XMSN LIGHT
(LOCATED BEHIND INSTRUMENT PANEL)
(7M)



CONNECTOR - 0587568C91
BODY LOCK - 0587579C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	A62E	18	DKBL	0587576C1	1652325C1
B	A62-GE	18	DKBL	0587576C1	1652325C1

PANEL LIGHT
(LOCATED BEHIND INSTRUMENT PANEL)
(8M)



CONNECTOR - 0892136C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A62H	16	DKBL	0879633R1
	A62J	16	DKBL	0879633R1
B	A62E	18	DKBL	0879632R1
	A187	18	YL	0879632R1
C	A62B	18	DKBL	0879632R1
	A62D	18	DKBL	0879632R1
D	A62C	18	DKBL	0879630R1
E	A62L	18	DKBL	0879632R1
	A62M	18	DKBL	0879632R1
F	A62R	18	DKBL	0879632R1
	A62S	18	DKBL	0879632R1

CHK

DATE

CHANGE

REV

REFERENCE

DRAWN

NAME

CNA

11JUL07

INITIAL RELEASE

A

60733V

360015

CIRCUIT DIAGRAM, RE BUS 2007

RELEASE NO.

DATE

PART NO.

SHEET

60733V

27FEB07

AE08057205

005

Figure 85 Connector Composites (3F), (4M), (6F), (7M), (8M)

11.6. CONNECTOR COMPOSITES (9), (10), (11M), (12M), P. 6

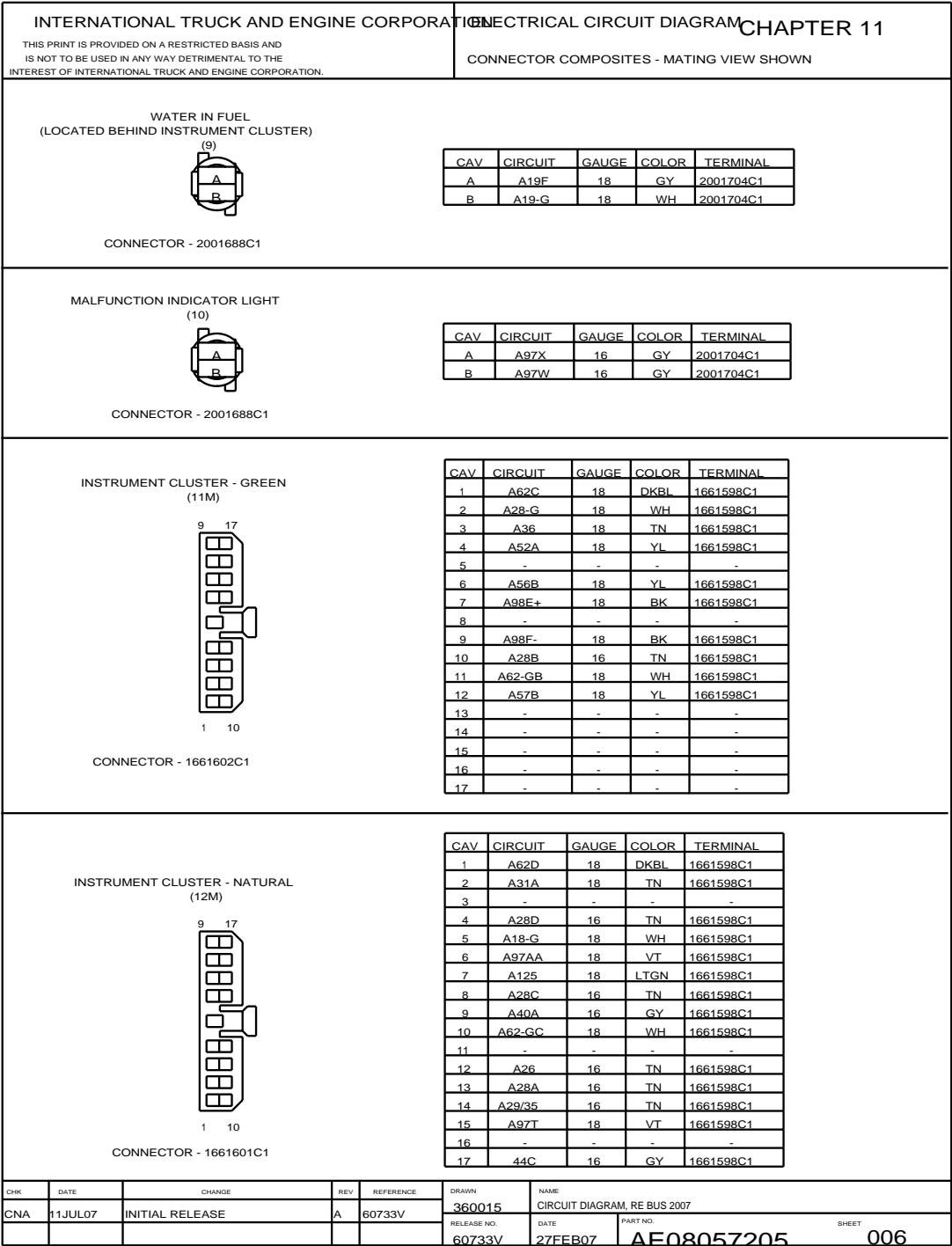


Figure 86 Connector Composites (9), (10), (11M), (12M)

11.7. CONNECTOR COMPOSITES (13M), (20M), (22M), P. 7

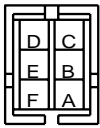
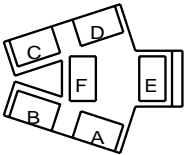
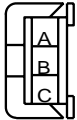
INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 11																																								
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center; font-size: 0.8em;">TURN SIGNAL (LOCATED ON LEFT SIDE OF STEERING COLUMN) (13M)</p>  <p style="text-align: center; font-size: 0.8em;">CONNECTOR - 1661200C1</p> </div> <div style="width: 65%;"> <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>A57A</td><td>14</td><td>LTGN</td><td>3566715C1</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>A55A/A60</td><td>14</td><td>OR</td><td>3566715C1</td></tr> <tr><td>D</td><td>A56</td><td>14</td><td>YL</td><td>3566715C1</td></tr> <tr><td>E</td><td>A56A</td><td>14</td><td>YL</td><td>3566715C1</td></tr> <tr><td>F</td><td>A57</td><td>14</td><td>YL</td><td>3566715C1</td></tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A57A	14	LTGN	3566715C1	B	-	-	-	-	C	A55A/A60	14	OR	3566715C1	D	A56	14	YL	3566715C1	E	A56A	14	YL	3566715C1	F	A57	14	YL	3566715C1				
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center; font-size: 0.8em;">KEY SWITCH (20M)</p>  <p style="text-align: center; font-size: 0.8em;">CONNECTOR - 0293347C1</p> </div> <div style="width: 65%;"> <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>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td rowspan="2">B</td><td>A13E</td><td>14</td><td>PK</td><td>0879633R1</td></tr> <tr><td>A13L</td><td>16</td><td>PK</td><td>0879633R1</td></tr> <tr><td>C</td><td>A12</td><td>14</td><td>LTBL</td><td>0188396R1</td></tr> <tr><td>D</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E</td><td>A15B</td><td>12</td><td>RD</td><td>1660577C1</td></tr> <tr><td>F</td><td>A17A</td><td>18</td><td>PK</td><td>0879630R1</td></tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	-	-	-	-	B	A13E	14	PK	0879633R1	A13L	16	PK	0879633R1	C	A12	14	LTBL	0188396R1	D	-	-	-	-	E	A15B	12	RD	1660577C1	F	A17A	18	PK	0879630R1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																								
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center; font-size: 0.8em;">PANEL LIGHTS (LOCATED BEHIND INSTRUMENT PANEL) (22M)</p>  <p style="text-align: center; font-size: 0.8em;">CONNECTOR - 1661198C1</p> </div> <div style="width: 65%;"> <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>A62A</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>B</td><td>A62-GD</td><td>18</td><td>WH</td><td>1661208C1</td></tr> <tr><td>C</td><td>A62H</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A62A	16	DKBL	1661209C1	B	A62-GD	18	WH	1661208C1	C	A62H	16	DKBL	1661209C1																			
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CHK	DATE	CHANGE	REV	REFERENCE	<div style="display: flex; justify-content: space-between;"> <div> DRAWN 360015 RELEASE NO. 60733V </div> <div> NAME CIRCUIT DIAGRAM, RE BUS 2007 DATE 27FEB07 PART NO. AE08057205 </div> <div style="text-align: right;"> SHEET 007 </div> </div>																																							

Figure 87 Connector Composites (13M), (20M), (22M)

11.8. CONNECTOR COMPOSITES (23M), (35X3), (37F), (43M), (69), P. 8


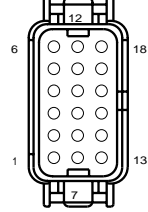
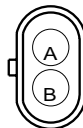
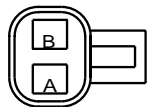

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<p style="text-align: center;">HEAD LIGHT SWITCH (LOCATED BEHIND INSTRUMENT PANEL, LEFT SIDE) (23M)</p>  <p style="text-align: center;">CONNECTOR - 2009385C1</p>				<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A62</td><td>16</td><td>DKBL</td><td>1661226C1</td></tr> <tr><td>2</td><td>A50A</td><td>12</td><td>YL</td><td>1661227C1</td></tr> <tr><td>3</td><td>A58</td><td>14</td><td>BN</td><td>1661226C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>A50C</td><td>12</td><td>YL</td><td>1661227C1</td></tr> <tr><td>6</td><td>A51</td><td>14</td><td>YL</td><td>1661226C1</td></tr> <tr><td>7</td><td>A62B</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr> <tr><td>8</td><td>A62-GG</td><td>18</td><td>WH</td><td>1661208C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A62	16	DKBL	1661226C1	2	A50A	12	YL	1661227C1	3	A58	14	BN	1661226C1	4	-	-	-	-	5	A50C	12	YL	1661227C1	6	A51	14	YL	1661226C1	7	A62B	18	DKBL	1661208C1	8	A62-GG	18	WH	1661208C1																																																		
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8	A62-GG	18	WH	1661208C1																																																																																																		
<p style="text-align: center;">ABS6 ECU (35X3)</p>  <p style="text-align: center;">CONNECTOR - 3597380C1</p>				<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></tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</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>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>7</td><td>PK/WH</td><td>16</td><td>PK</td><td>1680205C1</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> <tr><td>13</td><td>TN/WH</td><td>16</td><td>TN</td><td>1680205C1</td></tr> <tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>15</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>16</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>17</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>18</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	PLUG	-	-	0453133C1	2	PLUG	-	-	0453133C1	3	PLUG	-	-	0453133C1	4	PLUG	-	-	0453133C1	5	PLUG	-	-	0453133C1	6	PLUG	-	-	0453133C1	7	PK/WH	16	PK	1680205C1	8	PLUG	-	-	0453133C1	9	PLUG	-	-	0453133C1	10	PLUG	-	-	0453133C1	11	PLUG	-	-	0453133C1	12	PLUG	-	-	0453133C1	13	TN/WH	16	TN	1680205C1	14	PLUG	-	-	0453133C1	15	PLUG	-	-	0453133C1	16	PLUG	-	-	0453133C1	17	PLUG	-	-	0453133C1	18	PLUG	-	-	0453133C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																		
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13	TN/WH	16	TN	1680205C1																																																																																																		
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17	PLUG	-	-	0453133C1																																																																																																		
18	PLUG	-	-	0453133C1																																																																																																		
<p style="text-align: center;">FUEL SENDER (LOCATED ON LEFT FRAME RAIL) (37F)</p>  <p style="text-align: center;">CONNECTOR - 0587567C91</p>				<p style="text-align: center;">DRAIN VALVE (LOCATED ON AIR TANK) (43M)</p>  <p style="text-align: center;">CONNECTOR - 1671610C1 BODY LOCK - 1671608C1</p>																																																																																																		
<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>A</td><td>N36</td><td>18</td><td>TN</td><td>0587578C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>N36-G</td><td>18</td><td>WH</td><td>0587578C1</td><td>1652325C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N36	18	TN	0587578C1	1652325C1	B	N36-G	18	WH	0587578C1	1652325C1	<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>A</td><td>N39A</td><td>14</td><td>GY</td><td>2033816C1</td><td>0589391C1</td></tr> <tr> <td>B</td><td>N39-G</td><td>14</td><td>WH</td><td>2033816C1</td><td>0589391C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N39A	14	GY	2033816C1	0589391C1	B	N39-G	14	WH	2033816C1	0589391C1																																																											
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<p style="text-align: center;">FUEL FILTER LIGHT (LOCATED IN CLUSTER) (69)</p>  <p style="text-align: center;">CONNECTOR - 2001688C1</p>				<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></tr> </thead> <tbody> <tr><td>A</td><td>A19J</td><td>18</td><td>GY</td><td>2001704C1</td></tr> <tr><td>B</td><td>A19B</td><td>18</td><td>GY</td><td>2001704C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A19J	18	GY	2001704C1	B	A19B	18	GY	2001704C1																																																																																
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<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <td>CHK</td><td>DATE</td><td>CHANGE</td><td>REV</td><td>REFERENCE</td><td>DRAWN</td><td colspan="2">NAME</td></tr> <tr> <td>CNA</td><td>11JUL07</td><td>INITIAL RELEASE</td><td>A</td><td>60733V</td><td>360015</td><td colspan="2">CIRCUIT DIAGRAM, RE BUS 2007</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>RELEASE NO.</td><td>DATE</td><td>PART NO.</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>60733V</td><td>27FEB07</td><td>AE08057205</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>SHEET 008</td></tr> </table>								CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		CNA	11JUL07	INITIAL RELEASE	A	60733V	360015	CIRCUIT DIAGRAM, RE BUS 2007							RELEASE NO.	DATE	PART NO.						60733V	27FEB07	AE08057205								SHEET 008																																																							
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Figure 88 Connector Composites (23M), (35x3), (37F), (43M), (69)

11.9. CONNECTOR COMPOSITES (78M), (79M), (162), (165), P. 9

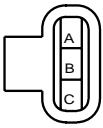
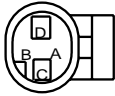
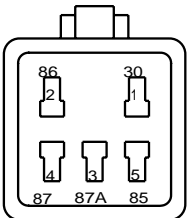
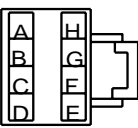
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center;">NORMALLY CLOSED BRAKE SWITCH (78M)</p>  <p style="text-align: center;">CONNECTOR - 1664245C1 BODY LOCK - 1664408C1</p> </div> <div style="width: 65%;"> <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><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>A</td><td>A97S</td><td>18</td><td>VT</td><td>2033819C1</td><td>1652325C1</td></tr> <tr> <td>B</td><td>A97MA</td><td>18</td><td>VT</td><td>2033819C1</td><td>1652325C1</td></tr> <tr> <td>C</td><td>A97M</td><td>18</td><td>VT</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A97S	18	VT	2033819C1	1652325C1	B	A97MA	18	VT	2033819C1	1652325C1	C	A97M	18	VT	2033819C1	1652325C1																					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																													
A	A97S	18	VT	2033819C1	1652325C1																																													
B	A97MA	18	VT	2033819C1	1652325C1																																													
C	A97M	18	VT	2033819C1	1652325C1																																													
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center;">STOP LIGHT SWITCH (LOCATED LEFT FRONT UNDER INSTRUMENT PANEL) (79M)</p>  <p style="text-align: center;">CONNECTOR - 1661777C1 BODY LOCK - 1661873C1</p> </div> <div style="width: 65%;"> <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><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>A70D</td><td>18</td><td>OR</td><td>3594831C1</td><td>1661872C1</td></tr> <tr> <td>D</td><td>A70C</td><td>18</td><td>OR</td><td>3594831C1</td><td>1661872C1</td></tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	A70D	18	OR	3594831C1	1661872C1	D	A70C	18	OR	3594831C1	1661872C1															
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center;">DAYTIME RUNNING LIGHTS RELAY (162)</p>  <p style="text-align: center;">CONNECTOR - 3512331C91</p> </div> <div style="width: 65%;"> <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><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr> <td>1</td><td>66-FA</td><td>16</td><td>YL</td><td>2039343C1</td><td>1652325C1</td></tr> <tr> <td>2</td><td>66DRF</td><td>14</td><td>YL</td><td>3535486C1</td><td>0589391C1</td></tr> <tr> <td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>0587579C1</td></tr> <tr> <td>4</td><td>66FF</td><td>16</td><td>YL</td><td>2039343C1</td><td>1652325C1</td></tr> <tr> <td>5</td><td>66GDR</td><td>18</td><td>WH</td><td>2039343C1</td><td>1652325C1</td></tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	66-FA	16	YL	2039343C1	1652325C1	2	66DRF	14	YL	3535486C1	0589391C1	3	PLUG	-	-	-	0587579C1	4	66FF	16	YL	2039343C1	1652325C1	5	66GDR	18	WH	2039343C1	1652325C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																													
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center;">DAYTIME RUNNING LIGHTS CONNECTOR (LOCATED ON LEFT SIDE OF PLATFORM) (165)</p>  <p style="text-align: center;">CONNECTOR - 2005835C1 BODY LOCK - 2006503C1</p> </div> <div style="width: 65%;"> <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>A64A</td><td>18</td><td>YL</td><td>1661208C1</td></tr> <tr> <td>B</td><td>A66C</td><td>14</td><td>YL</td><td>3566715C1</td></tr> <tr> <td>C</td><td>A66E</td><td>16</td><td>YL</td><td>1661209C1</td></tr> <tr> <td>D</td><td>A66-G</td><td>16</td><td>WH</td><td>1661209C1</td></tr> <tr> <td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>G</td><td>A66B</td><td>16</td><td>YL</td><td>1661209C1</td></tr> <tr> <td>H</td><td>A66A</td><td>14</td><td>YL</td><td>3566715C1</td></tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A64A	18	YL	1661208C1	B	A66C	14	YL	3566715C1	C	A66E	16	YL	1661209C1	D	A66-G	16	WH	1661209C1	E	-	-	-	-	F	-	-	-	-	G	A66B	16	YL	1661209C1	H	A66A	14	YL	3566715C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																														
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					60733V	DATE: 27FEB07 PART NO. AE08057205 SHEET 009																																												

Figure 89 Connector Composites (78M), (79M), (162), (165)

11.10. CONNECTOR COMPOSITES (168), (169M), (170), (170M), P. 10


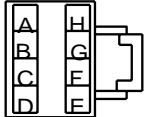
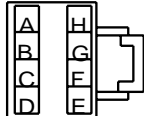
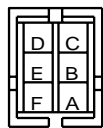
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<p>PARK BRAKE PRESSURE SWITCH (168)</p>  <p>CONNECTOR - 1661777C1 BODY LOCK - 1661873C1</p>		<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</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>44-GA</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C*</td><td>A44L</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D*</td><td>44-GB</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D*</td><td>A44M</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> <p style="text-align: center;">* MUTUALLY EXCLUSIVE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C*	44-GA	16	WH	1661875C1	1661872C1	C*	A44L	16	GY	1661875C1	1661872C1	D*	44-GB	16	GY	1661875C1	1661872C1	D*	A44M	16	GY	1661875C1	1661872C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																													
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D*	A44M	16	GY	1661875C1	1661872C1																																													
<p>BODY BUILDER (LOCATED ON LEFT SIDE OF PLATFORM) (169M)</p>  <p>CONNECTOR - 2005835C1 BODY LOCK - 2006503C1</p>		<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>A70A</td><td>16</td><td>OR</td><td>1661209C1</td></tr> <tr><td>B</td><td>A12D</td><td>16</td><td>LTBL</td><td>1661209C1</td></tr> <tr><td>C</td><td>A62J</td><td>16</td><td>DKBL</td><td>1661209C1</td></tr> <tr><td>D</td><td>A71A</td><td>18</td><td>OR</td><td>1661208C1</td></tr> <tr><td>E</td><td>A13D</td><td>16</td><td>PK</td><td>1661209C1</td></tr> <tr><td>F</td><td>A56C</td><td>14</td><td>YL</td><td>3566715C1</td></tr> <tr><td>G</td><td>A57C</td><td>14</td><td>YL</td><td>3566715C1</td></tr> <tr><td>H</td><td>A58</td><td>14</td><td>BN</td><td>3566715C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A70A	16	OR	1661209C1	B	A12D	16	LTBL	1661209C1	C	A62J	16	DKBL	1661209C1	D	A71A	18	OR	1661208C1	E	A13D	16	PK	1661209C1	F	A56C	14	YL	3566715C1	G	A57C	14	YL	3566715C1	H	A58	14	BN	3566715C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																														
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F	A56C	14	YL	3566715C1																																														
G	A57C	14	YL	3566715C1																																														
H	A58	14	BN	3566715C1																																														
<p>DAY TIME RUNNING LIGHTS CONNECTOR (LOCATED ON LEFT SIDE OF PLATFORM) (170)</p>  <p>CONNECTOR - 2005835C1 BODY LOCK - 2006503C1</p>		<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>64A</td><td>16</td><td>YL</td><td>1661209C1</td></tr> <tr><td>B</td><td>66C</td><td>14</td><td>YL</td><td>3566715C1</td></tr> <tr><td>C</td><td>66E</td><td>16</td><td>YL</td><td>1661209C1</td></tr> <tr><td>D</td><td>66-GC</td><td>16</td><td>WH</td><td>1661209C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>66F</td><td>16</td><td>YL</td><td>1661209C1</td></tr> <tr><td>H</td><td>66A</td><td>14</td><td>YL</td><td>3566715C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	64A	16	YL	1661209C1	B	66C	14	YL	3566715C1	C	66E	16	YL	1661209C1	D	66-GC	16	WH	1661209C1	E	-	-	-	-	F	-	-	-	-	G	66F	16	YL	1661209C1	H	66A	14	YL	3566715C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																														
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F	-	-	-	-																																														
G	66F	16	YL	1661209C1																																														
H	66A	14	YL	3566715C1																																														
<p>FRONT END BODY BUILDER (LOCATED ON LEFT SIDE OF PLATFORM) (170M)</p>  <p>CONNECTOR - 1661200C1</p>		<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>A64A</td><td>18</td><td>YL</td><td>1661208C1</td></tr> <tr><td>B</td><td>A57A</td><td>14</td><td>LTGN</td><td>3566715C1</td></tr> <tr><td>C</td><td>A53B</td><td>14</td><td>YL</td><td>3566715C1</td></tr> <tr><td>D</td><td>A52B</td><td>14</td><td>YL</td><td>3566715C1</td></tr> <tr><td>E</td><td>A56A</td><td>14</td><td>YL</td><td>3566715C1</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A64A	18	YL	1661208C1	B	A57A	14	LTGN	3566715C1	C	A53B	14	YL	3566715C1	D	A52B	14	YL	3566715C1	E	A56A	14	YL	3566715C1	F	-	-	-	-										
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					RELEASE NO. 60733V	DATE 12MAR07	PART NO. AE08057205																																											
						SHEET 010																																												

Figure 90 Connector Composites (168), (169M), (170), (170M)

11.11. CONNECTOR COMPOSITES (200), (211M), (284), P. 11

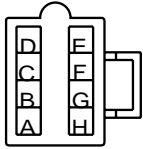
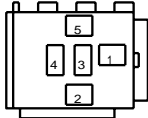
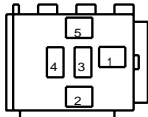
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>PLATFORM DAY TIME RUNNING LIGHTS (200)</p>  <p>CONNECTOR - 2005836C1 BODY LOCK - 2006504C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>64A</td><td>16</td><td>YL</td><td>1661212C1</td></tr> <tr><td>B</td><td>66C</td><td>14</td><td>YL</td><td>3534167C1</td></tr> <tr><td>C</td><td>66E</td><td>16</td><td>YL</td><td>1661212C1</td></tr> <tr><td>D</td><td>66-G</td><td>16</td><td>WH</td><td>1661212C1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>H</td><td>66A</td><td>14</td><td>YL</td><td>3534167C1</td></tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	64A	16	YL	1661212C1	B	66C	14	YL	3534167C1	C	66E	16	YL	1661212C1	D	66-G	16	WH	1661212C1	E	-	-	-	-	F	-	-	-	-	G	-	-	-	-	H	66A	14	YL	3534167C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																														
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G	-	-	-	-																																														
H	66A	14	YL	3534167C1																																														
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>AUDIBLE ALARM (LOCATED UNDER INSTRUMENT PANEL) (211M)</p>  <p>CONNECTOR - 0593385C1 BODY LOCK - 0593387C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>A40</td><td>18</td><td>GY</td><td>1661709C1</td></tr> <tr><td></td><td>A40A</td><td>16</td><td>GY</td><td>1661709C1</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A29/35</td><td>16</td><td>TN</td><td>1661709C1</td></tr> <tr><td></td><td>A97AF</td><td>18</td><td>VT</td><td>1661709C1</td></tr> <tr><td>5</td><td>A13B</td><td>16</td><td>PK</td><td>1661709C1</td></tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	A40	18	GY	1661709C1		A40A	16	GY	1661709C1	3	-	-	-	-	4	A29/35	16	TN	1661709C1		A97AF	18	VT	1661709C1	5	A13B	16	PK	1661709C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																														
1	-	-	-	-																																														
2	A40	18	GY	1661709C1																																														
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>ABS WARN LIGHT RELAY (284)</p>  <p>CONNECTOR - 0593385C1 BODY LOCK - 0593387C1</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>A94E</td><td>16</td><td>GY</td><td>1661709C1</td></tr> <tr><td>2</td><td>A94D</td><td>16</td><td>GY</td><td>1661709C1</td></tr> <tr><td>3</td><td>A94-GA</td><td>16</td><td>WH</td><td>1661709C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>A13N</td><td>16</td><td>PK</td><td>1661709C1</td></tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A94E	16	GY	1661709C1	2	A94D	16	GY	1661709C1	3	A94-GA	16	WH	1661709C1	4	-	-	-	-	5	A13N	16	PK	1661709C1															
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																														
1	A94E	16	GY	1661709C1																																														
2	A94D	16	GY	1661709C1																																														
3	A94-GA	16	WH	1661709C1																																														
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					RELEASE NO. 60733V	DATE 12MAR07																																												
						PART NO. AE08057205																																												
						SHEET 011																																												

Figure 91 Connector Composites (200), (211M), (284)

11.12. CONNECTOR COMPOSITES (288X1), (289), (290), (291), P. 12

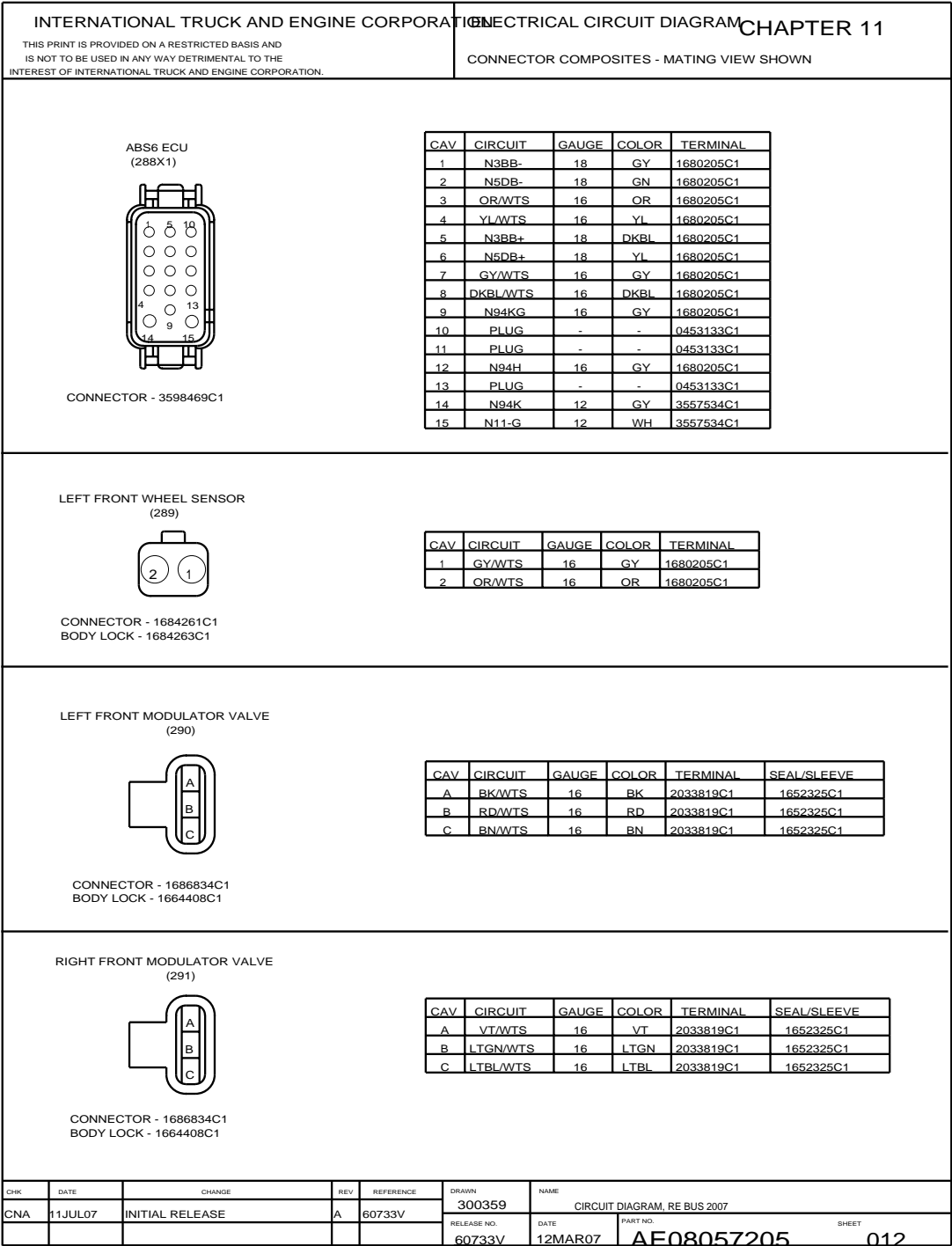


Figure 92 Connector Composites (288x1), (289), (290), (291)

11.13. CONNECTOR COMPOSITES (292), (297), (350X2), (351), P. 13



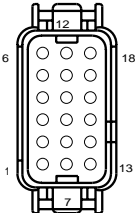

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 11																																																																																																
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>RIGHT FRONT WHEEL SENSOR (292)</p>  <p>CONNECTOR - 1684261C1 BODY LOCK - 1684263C1</p> </div> <div style="width: 65%;"> <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>DKBL/WTS</td> <td>16</td> <td>DKBL</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>YL/WTS</td> <td>16</td> <td>YL</td> <td>1680205C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	DKBL/WTS	16	DKBL	1680205C1	2	YL/WTS	16	YL	1680205C1																																																																																
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2	YL/WTS	16	YL	1680205C1																																																																																																
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>ABS WARN LIGHT (297)</p>  <p>CONNECTOR - 2001688C1</p> </div> <div style="width: 65%;"> <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>A94B</td> <td>16</td> <td>GY</td> <td>2001704C1</td> </tr> <tr> <td>B</td> <td>A94E</td> <td>16</td> <td>GY</td> <td>2001704C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A94B	16	GY	2001704C1	B	A94E	16	GY	2001704C1																																																																																
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B	A94E	16	GY	2001704C1																																																																																																
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>ABS6 ECU (350X2)</p>  <p>CONNECTOR - 3597379C1</p> </div> <div style="width: 65%;"> <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>OR/WH</td><td>16</td><td>OR</td><td>1680205C1</td></tr> <tr><td>2</td><td>GY/WH</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>3</td><td>YL/WH</td><td>16</td><td>YL</td><td>1680205C1</td></tr> <tr><td>4</td><td>DKBL/WH</td><td>16</td><td>DKBL</td><td>1680205C1</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>7</td><td>BN/WTS</td><td>16</td><td>BN</td><td>1680205C1</td></tr> <tr><td>8</td><td>BK/WTS</td><td>16</td><td>BK</td><td>1680205C1</td></tr> <tr><td>9</td><td>LTBL/WTS</td><td>16</td><td>LTBL</td><td>1680205C1</td></tr> <tr><td>10</td><td>VT/WTS</td><td>16</td><td>VT</td><td>1680205C1</td></tr> <tr><td>11</td><td>BN/WH</td><td>16</td><td>BN</td><td>1680205C1</td></tr> <tr><td>12</td><td>BK/WH</td><td>16</td><td>BK</td><td>1680205C1</td></tr> <tr><td>13</td><td>RD/WTS</td><td>16</td><td>RD</td><td>1680205C1</td></tr> <tr><td>14</td><td>LTGN/WTS</td><td>16</td><td>LTGN</td><td>1680205C1</td></tr> <tr><td>15</td><td>RD/WH</td><td>16</td><td>RD</td><td>1680205C1</td></tr> <tr><td>16</td><td>LTGN/WH</td><td>16</td><td>LTGN</td><td>1680205C1</td></tr> <tr><td>17</td><td>LTBL/WH</td><td>16</td><td>LTBL</td><td>1680205C1</td></tr> <tr><td>18</td><td>VT/WH</td><td>16</td><td>VT</td><td>1680205C1</td></tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	OR/WH	16	OR	1680205C1	2	GY/WH	16	GY	1680205C1	3	YL/WH	16	YL	1680205C1	4	DKBL/WH	16	DKBL	1680205C1	5	PLUG	-	-	0453133C1	6	PLUG	-	-	0453133C1	7	BN/WTS	16	BN	1680205C1	8	BK/WTS	16	BK	1680205C1	9	LTBL/WTS	16	LTBL	1680205C1	10	VT/WTS	16	VT	1680205C1	11	BN/WH	16	BN	1680205C1	12	BK/WH	16	BK	1680205C1	13	RD/WTS	16	RD	1680205C1	14	LTGN/WTS	16	LTGN	1680205C1	15	RD/WH	16	RD	1680205C1	16	LTGN/WH	16	LTGN	1680205C1	17	LTBL/WH	16	LTBL	1680205C1	18	VT/WH	16	VT	1680205C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>LEFT REAR WHEEL SENSOR (351)</p>  <p>CONNECTOR - 1684261C1 BODY LOCK - 1684263C1</p> </div> <div style="width: 65%;"> <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>GY/WH</td> <td>16</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>OR/WH</td> <td>16</td> <td>OR</td> <td>1680205C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	GY/WH	16	GY	1680205C1	2	OR/WH	16	OR	1680205C1																																																																																
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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>CNA</td> <td>11JUL07</td> <td>INITIAL RELEASE</td> <td>A</td> <td>60733V</td> <td>300359</td> <td>CIRCUIT DIAGRAM, RE BUS 2007</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO. 60733V</td> <td>DATE 12MAR07</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PART NO. AE08057205</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SHEET 13</td> </tr> </table>						CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA	11JUL07	INITIAL RELEASE	A	60733V	300359	CIRCUIT DIAGRAM, RE BUS 2007						RELEASE NO. 60733V	DATE 12MAR07							PART NO. AE08057205							SHEET 13																																																												
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Figure 93 Connector Composites (292), (297), (350x2), (351)

11.14. CONNECTOR COMPOSITES (352), (353), (354), (373M), P. 14

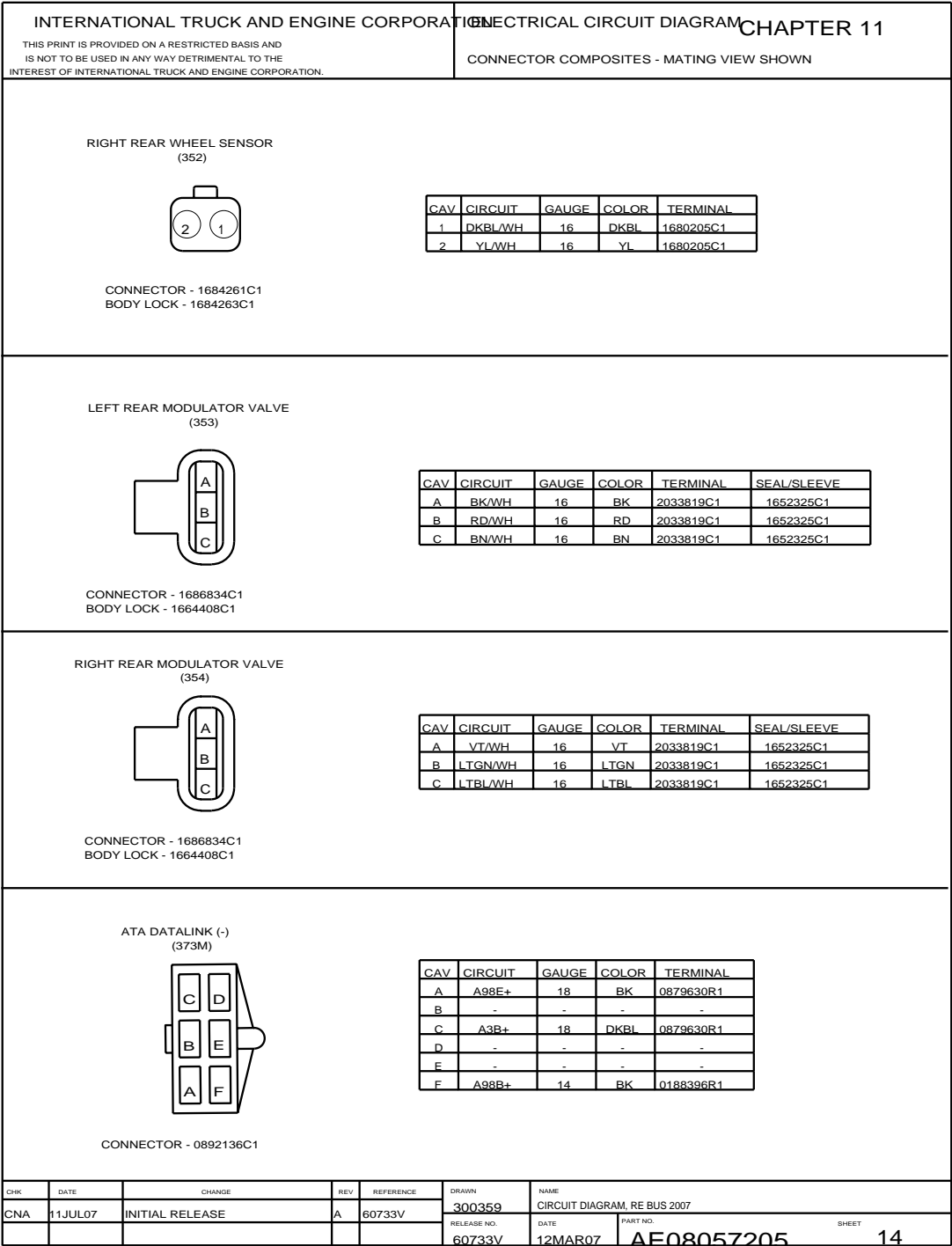


Figure 94 Connector Composites (352), (353), (354), (373M)

11.15. CONNECTOR COMPOSITES (374M), (377), (382M), P. 15

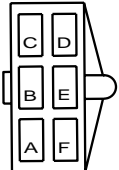
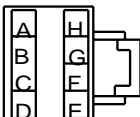
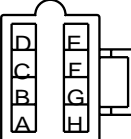
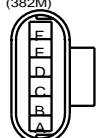
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center;">ATA DATALINK (+) (374M)</p>  <p style="text-align: center;">CONNECTOR - 0892136C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>A98F-</td><td>18</td><td>BK</td><td>0879630R1</td></tr> <tr><td>D</td><td>A3B-</td><td>18</td><td>GY</td><td>0879630R1</td></tr> <tr><td>E</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>A98D-</td><td>14</td><td>BK</td><td>0188396R1</td></tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	-	-	-	-	B	-	-	-	-	C	A98F-	18	BK	0879630R1	D	A3B-	18	GY	0879630R1	E	-	-	-	-	F	A98D-	14	BK	0188396R1																																																																																																									
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center;">APS / IVS (LOCATED ON ACCELERATOR PEDAL) (382M)</p>  <p style="text-align: center;">CONNECTOR - 1687790C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>A99B</td><td>18</td><td>VT</td><td>1651943C1</td></tr> <tr><td>B</td><td>A99A</td><td>18</td><td>VT</td><td>1651943C1</td></tr> <tr><td>C</td><td>A99C5V</td><td>18</td><td>VT</td><td>1651943C1</td></tr> <tr><td>D</td><td>A99D</td><td>18</td><td>VT</td><td>1651943C1</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>1687788C1</td></tr> <tr><td>F</td><td>A99E</td><td>18</td><td>VT</td><td>1651943C1</td></tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A99B	18	VT	1651943C1	B	A99A	18	VT	1651943C1	C	A99C5V	18	VT	1651943C1	D	A99D	18	VT	1651943C1	E	PLUG	-	-	1687788C1	F	A99E	18	VT	1651943C1																																																																																																									
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Figure 95 Connector Composites (374M), (377), (382M)

11.16. CONNECTOR COMPOSITES (384M), (386A), (391), (392), P. 16

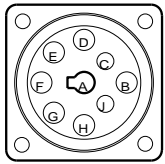
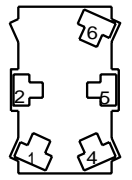
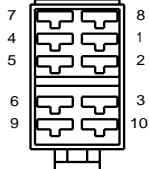
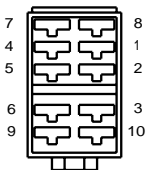
INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 11 CONNECTOR COMPOSITES - MATING VIEW SHOWN																																																													
DATALINK (LOCATED UNDER INSTRUMENT PANEL-LEFT SIDE) (384M) <div style="text-align: center; margin: 10px 0;">  </div> <p style="text-align: center;">CONNECTOR - 3544066C1</p>				<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>A97-GK</td><td>14</td><td>WH</td><td>1659750C1</td></tr> <tr><td>B</td><td>A97C</td><td>14</td><td>RD</td><td>1659750C1</td></tr> <tr><td>C</td><td>A5DC+</td><td>18</td><td>YL</td><td>1651968C1</td></tr> <tr><td>D</td><td>A5DC-</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>A98B+</td><td>14</td><td>BK</td><td>1659750C1</td></tr> <tr><td>G</td><td>A98D-</td><td>14</td><td>BK</td><td>1659750C1</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	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A97-GK	14	WH	1659750C1	B	A97C	14	RD	1659750C1	C	A5DC+	18	YL	1651968C1	D	A5DC-	18	GN	1651968C1	E	-	-	-	-	F	A98B+	14	BK	1659750C1	G	A98D-	14	BK	1659750C1	H	-	-	-	-	J	-	-	-	-										
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BLINK CODE SWITCH (386A) <div style="text-align: center; margin: 10px 0;">  </div> <p style="text-align: center;">CONNECTOR - 1661256C1</p>				<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A94D</td><td>16</td><td>GY</td><td>1661226C1</td></tr> <tr><td>5</td><td>A94H</td><td>16</td><td>GY</td><td>1661226C1</td></tr> <tr><td>6</td><td>A94-GC</td><td>12</td><td>WH</td><td>1661227C1</td></tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	-	-	-	-	4	A94D	16	GY	1661226C1	5	A94H	16	GY	1661226C1	6	A94-GC	12	WH	1661227C1																									
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						SHEET	16																																																										

Figure 96 Connector Composites (384M), (386A), (391), (392)

11.17. CONNECTOR COMPOSITES (523), (643), P. 17

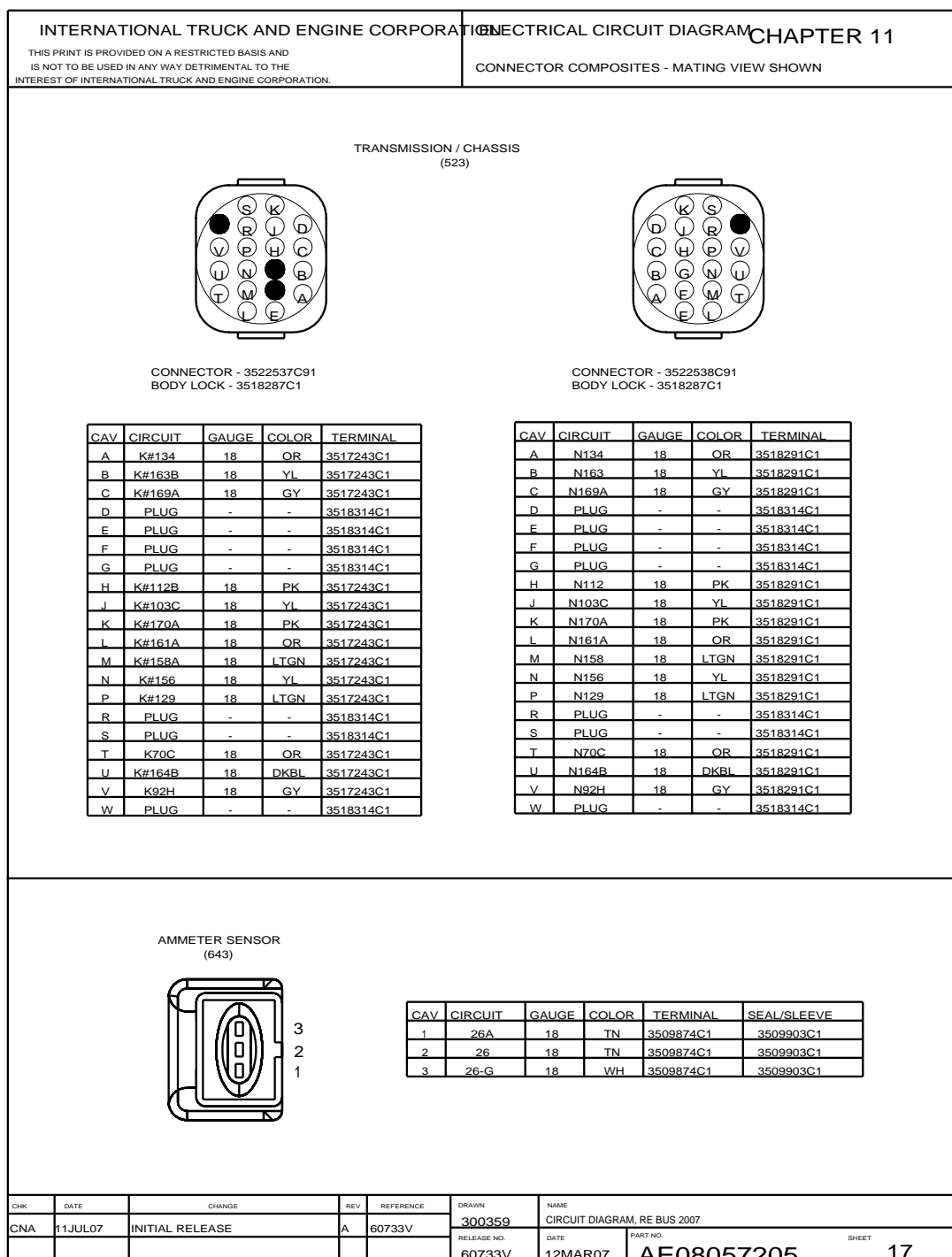


Figure 97 Connector Composites (523), (643)

11.18. CONNECTOR COMPOSITES (644), (918), P. 18

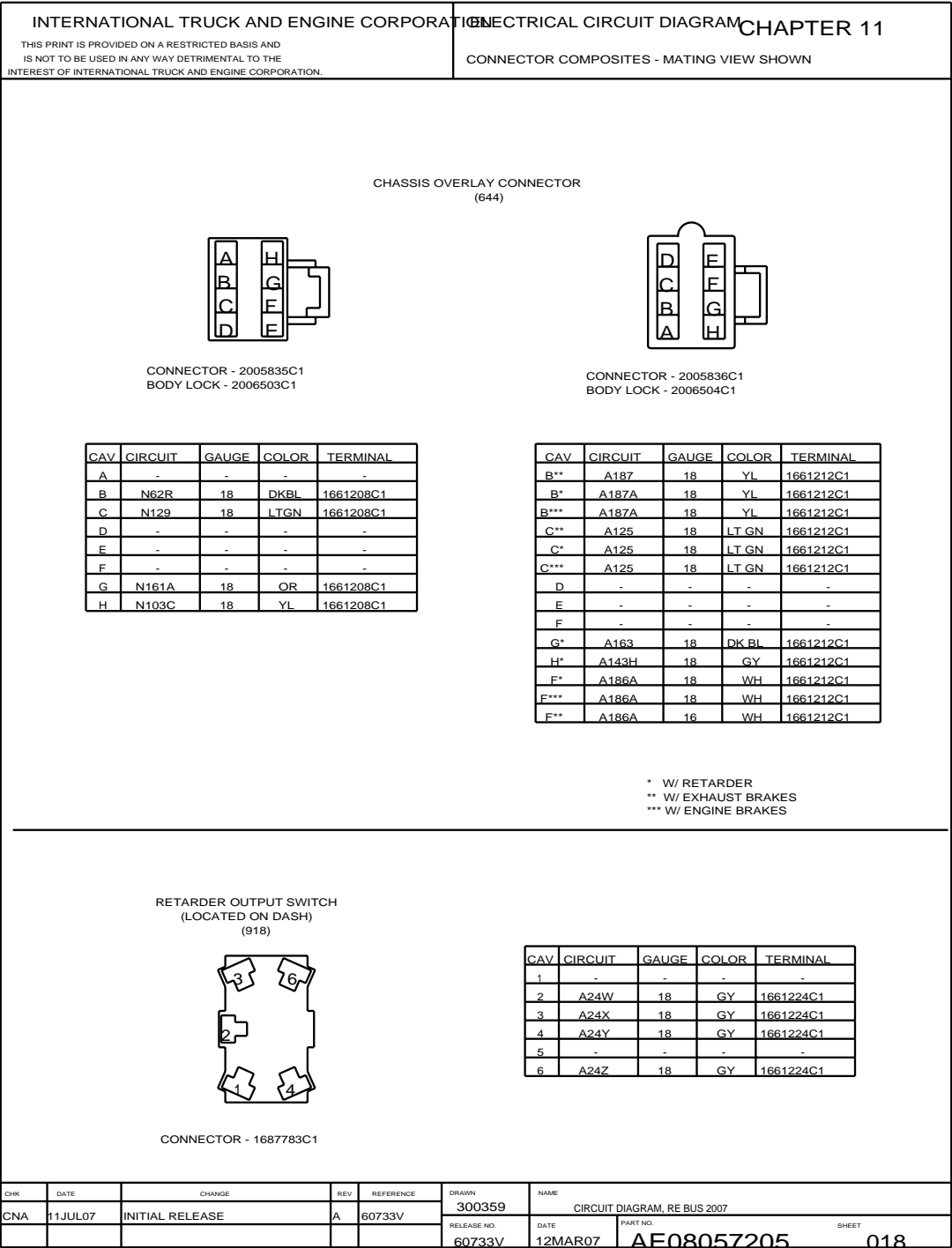


Figure 98 Connector Composites (644), (918)

11.19. CONNECTOR COMPOSITES (919), (922), (922A), (925), P. 19

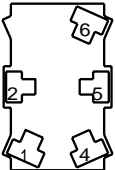
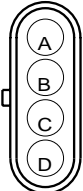
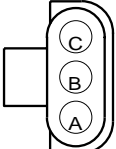

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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center; font-size: 0.8em;">RETARDER ON / OFF SWITCH (LOCATED ON DASH) (919)</p>  <p style="text-align: center; font-size: 0.8em;">CONNECTOR - 1673743C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <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>A163</td> <td>18</td> <td>DKBL</td> <td>1661224C1</td> </tr> <tr> <td>2</td> <td>A143H</td> <td>18</td> <td>GY</td> <td>1661224C1</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> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A163	18	DKBL	1661224C1	2	A143H	18	GY	1661224C1	4	-	-	-	-	5	-	-	-	-	6	-	-	-	-					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																				
1	A163	18	DKBL	1661224C1																																				
2	A143H	18	GY	1661224C1																																				
4	-	-	-	-																																				
5	-	-	-	-																																				
6	-	-	-	-																																				
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center; font-size: 0.8em;">RESISTANCE MODULE (LOCATED ON LOWER LEFT PLATFORM) (922)</p>  <p style="text-align: center; font-size: 0.8em;">CONNECTOR - 0587571C91</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <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>A24W</td> <td>18</td> <td>GY</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>A24X</td> <td>18</td> <td>GY</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>A24Y</td> <td>18</td> <td>GY</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>D</td> <td>A24Z</td> <td>18</td> <td>GY</td> <td>0587578C1</td> <td>1652325C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A24W	18	GY	0587578C1	1652325C1	B	A24X	18	GY	0587578C1	1652325C1	C	A24Y	18	GY	0587578C1	1652325C1	D	A24Z	18	GY	0587578C1	1652325C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																			
A	A24W	18	GY	0587578C1	1652325C1																																			
B	A24X	18	GY	0587578C1	1652325C1																																			
C	A24Y	18	GY	0587578C1	1652325C1																																			
D	A24Z	18	GY	0587578C1	1652325C1																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center; font-size: 0.8em;">RESISTANCE MODULE (LOCATED ON LOWER LEFT PLATFORM) (922A)</p>  <p style="text-align: center; font-size: 0.8em;">CONNECTOR - 3519221C91</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <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>A135</td> <td>18</td> <td>LTGN</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>A164</td> <td>18</td> <td>YL</td> <td>0587578C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>A124C</td> <td>18</td> <td>PK</td> <td>0587578C1</td> <td>1652325C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A135	18	LTGN	0587578C1	1652325C1	B	A164	18	YL	0587578C1	1652325C1	C	A124C	18	PK	0587578C1	1652325C1											
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																			
A	A135	18	LTGN	0587578C1	1652325C1																																			
B	A164	18	YL	0587578C1	1652325C1																																			
C	A124C	18	PK	0587578C1	1652325C1																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center; font-size: 0.8em;">TRANSMISSION OVER TEMPERATURE WARNING LIGHT (LOCATED ON IP) (925)</p>  <p style="text-align: center; font-size: 0.8em;">CONNECTOR - 2001688C1</p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <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>A105B</td> <td>16</td> <td>LTGN</td> <td>2001704C1</td> </tr> <tr> <td>B</td> <td>A13J</td> <td>18</td> <td>PK</td> <td>2001704C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A105B	16	LTGN	2001704C1	B	A13J	18	PK	2001704C1																				
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																				
A	A105B	16	LTGN	2001704C1																																				
B	A13J	18	PK	2001704C1																																				
<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.6em;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>CNA</td> <td>11JUL07</td> <td>INITIAL RELEASE</td> <td>A</td> <td>60733V</td> <td>300359</td> <td>CIRCUIT DIAGRAM, RE BUS 2007</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO. 60733V</td> <td>DATE 12MAR07</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PART NO. AE08057205</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SHEET 019</td> </tr> </table>						CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA	11JUL07	INITIAL RELEASE	A	60733V	300359	CIRCUIT DIAGRAM, RE BUS 2007						RELEASE NO. 60733V	DATE 12MAR07							PART NO. AE08057205							SHEET 019
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																		
CNA	11JUL07	INITIAL RELEASE	A	60733V	300359	CIRCUIT DIAGRAM, RE BUS 2007																																		
					RELEASE NO. 60733V	DATE 12MAR07																																		
						PART NO. AE08057205																																		
						SHEET 019																																		

Figure 99 Connector Composites (919), (922), (922A), (925)

11.20. CONNECTOR COMPOSITES (926), (996M), (1023), P. 20

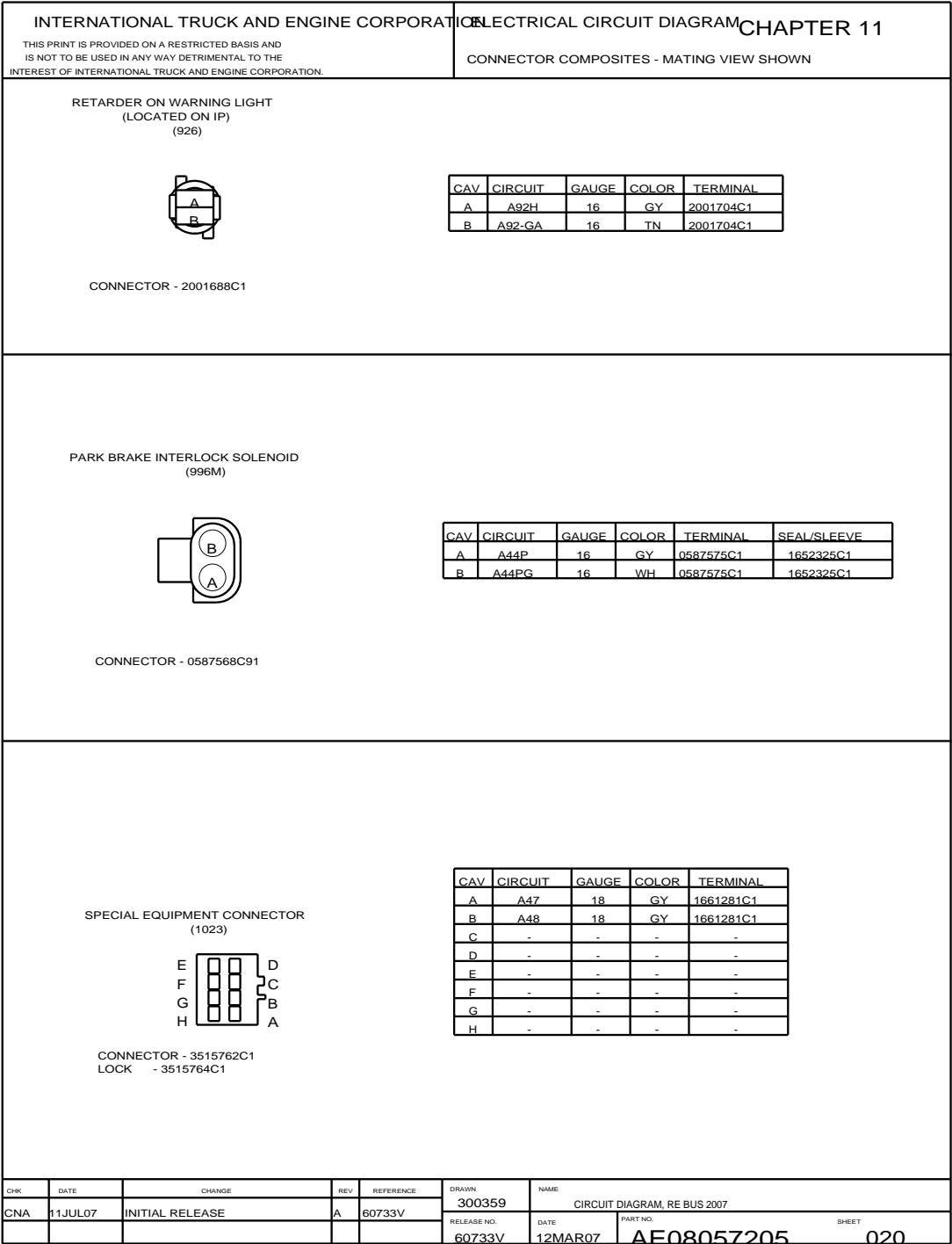


Figure 100 Connector Composites (926), (996M), (1023)

11.21. CONNECTOR COMPOSITES (1050), (1102), (1103), (1134), P. 21

INTERNATIONAL TRUCK AND ENGINE CORPORATION

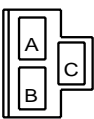
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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 11

CONNECTOR COMPOSITES - MATING VIEW SHOWN

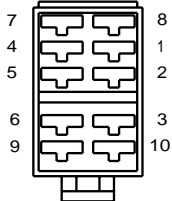
DIODE
(1050)



CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A70D	18	OR	0879632R1
	A97N	18	VT	0879632R1
B	A97MA	18	VT	0879630R1
C	A70E	18	OR	0879630R1

CONNECTOR - 0598839C1

EXHAUST BRAKE SWITCH
(1102)




CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	-	-	-	-
2	A24B	16	GY	1661226C1
2*	A24A	18	GY	1661224C1
3*	A24B	18	GY	1661224C1
3	A24C	16	GY	1661226C1
4	-	-	-	-
5	-	-	-	-
6	-	-	-	-
7	A24D	16	GY	1661226C1
8	92	16	GY	1661226C1
9	-	-	-	-
10	-	-	-	-

CONNECTOR - 3530563C1

* W/ EXHAUST BRAKE

ENGINE BRAKE PANEL LIGHT
(1103)

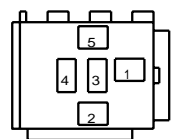


CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A62K	18	DKBL	1661262C1
B	A92-GB	18	TN	1661262C1

CONNECTOR - 1661260C1

BODY LOCK - 1661264C1

STOP LIGHT RELAY
(1134)



CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
1	A70	14	OR	2018946C1
2	A70-G	18	WH	1659673C1
3	-	-	-	-
4	A70B	16	OR	2018946C1
5	A70E	18	OR	1659673C1

CONNECTOR - 0593385C1

BODY LOCK - 0593387C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA	11JUL07	INITIAL RELEASE	A	60733V	300359	CIRCUIT DIAGRAM, RE BUS 2007	
					RELEASE NO. 60733V	DATE 12MAR07	PART NO. AE08057205
							SHEET 21

Figure 101 Connector Composites (1050), (1102), (1103), (1134)

11.22. CONNECTOR COMPOSITES (1150), (1151), (1152), (1153), P. 22

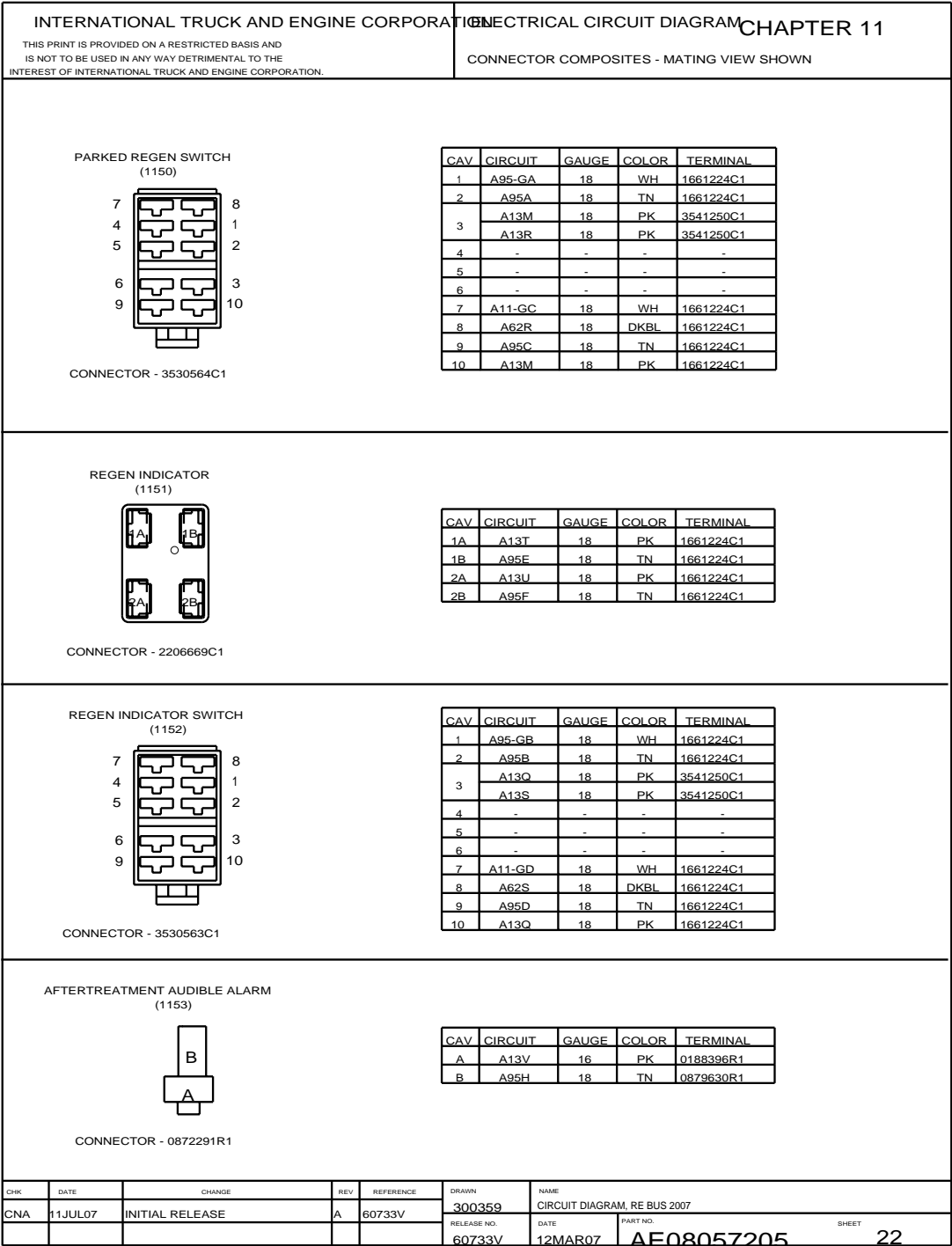
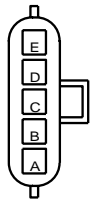


Figure 102 Connector Composites (1150), (1151), (1152), (1153)

11.23. CONNECTOR COMPOSITES (1272), (1601), (1707M), (1708), P. 23

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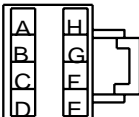
COOLANT LEVEL MODULE (1272)



CONNECTOR - 1687789C1
BODY LOCK - 1661376C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	K34A	18	TN	2033819C1	3517771C1
B	PLUG	-	-	0587579C1	-
C	K34-GB	16	WH	2033819C1	1652325C1
D	K34B	18	TN	2033819C1	3517771C1
E	K97SC	14	VT	2033816C1	0589391C1

CHASSIS OVERLAY CONNECTOR (1601)

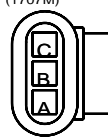


CONNECTOR - 2005835C1
BODY LOCK - 2006503C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A	A92H	16	GY	1661209C1
B	A105B	16	LTGN	1661209C1
C	A70F	14	OR	3566715C1
D	A135	18	LTGN	1661208C1
E	A164	18	YL	1661208C1
F	A124C	18	PK	1661208C1
G	-	-	-	-
H	-	-	-	-

CONNECTOR - 2005836C1
BODY LOCK - 2006504C1

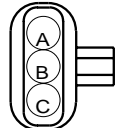
J1939 TERMINATING RESISTOR (RESISTOR ASSY) (1707M)



CONNECTOR - 1667741C1
BODY LOCK - 1667771C1

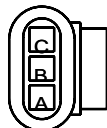
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	A5DB+	18	YL	1661875C1	3568570C1
B	PLUG	-	-	2025431C1	-
C	A5DB-	18	GN	1661875C1	3568570C1

CHASSIS / PLATFORM (1708)



CONNECTOR - 1667740C1
BODY LOCK - 1667771C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	N5DA+	18	YL	1667742C1	3568570C1
B	PLUG	-	-	2025431C1	-
C	N5DA-	18	GN	1667742C1	3568570C1



CONNECTOR - 1667741C1
BODY LOCK - 1667771C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	A5DA+	18	YL	1661875C1	3568570C1
B	PLUG	-	-	2025431C1	-
C	A5DA-	18	GN	1661875C1	3568570C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	11JUL07	INITIAL RELEASE	A	60733V	300359	CIRCUIT DIAGRAM, RE BUS 2007
					60733V	DATE 12MAR07 PART NO. AE08057205 SHEET 23

Figure 103 Connector Composites (1272), (1601), (1707M), (1708)

11.24. CONNECTOR COMPOSITES (1709), (1850), (3043), P. 24

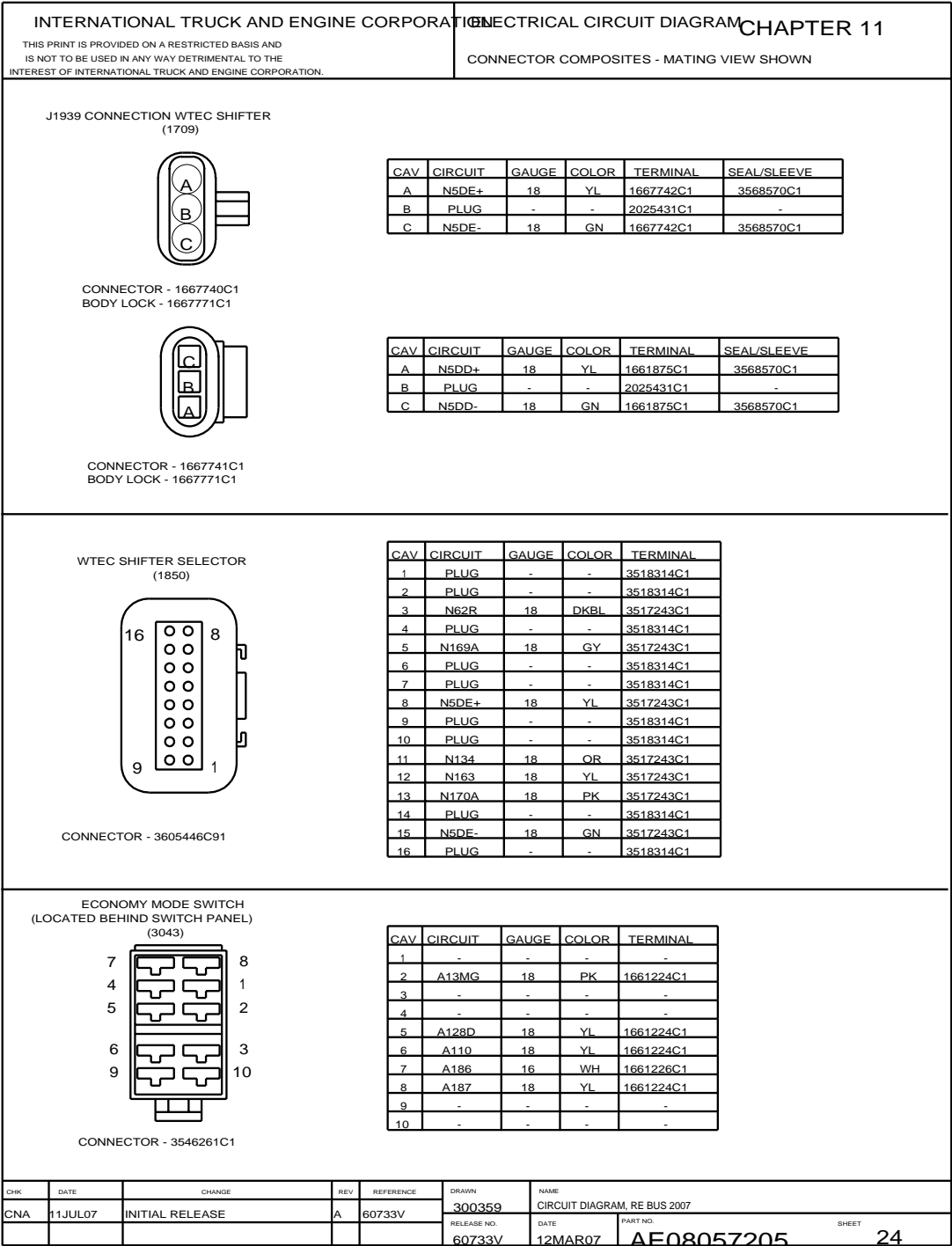


Figure 104 Connector Composites (1709), (1850), (3043)

11.25. CONNECTOR COMPOSITES (3114), (3115), (3116), P. 25

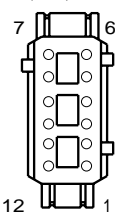
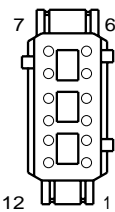
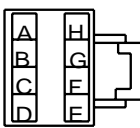
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<div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><p>MSM1 GRAY CONNECTOR (LOCATED ON DASH PANEL BELOW INSTRUMENT CLUSTER) (3114)</p><p>CONNECTOR - 3553404C1 BODY LOCK - 3553460C1</p></div><div style="width: 50%;"><table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><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>A95H</td><td>18</td><td>TN</td><td>3518963C1</td></tr><tr><td>2</td><td>A95B</td><td>18</td><td>TN</td><td>3518963C1</td></tr><tr><td>3</td><td>A95A</td><td>18</td><td>TN</td><td>3518963C1</td></tr><tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>5</td><td>A5DD+</td><td>18</td><td>YL</td><td>3518963C1</td></tr><tr><td>6</td><td>A5DD-</td><td>18</td><td>GN</td><td>3518963C1</td></tr><tr><td>7</td><td>A97AB</td><td>18</td><td>VT</td><td>3518963C1</td></tr><tr><td>8</td><td>A97-G</td><td>18</td><td>WH</td><td>3518963C1</td></tr><tr><td>9</td><td>A97X</td><td>16</td><td>GY</td><td>3518963C1</td></tr><tr><td>10</td><td>A18-G</td><td>18</td><td>WH</td><td>3518963C1</td></tr><tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr><tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr></tbody></table></div></div>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A95H	18	TN	3518963C1	2	A95B	18	TN	3518963C1	3	A95A	18	TN	3518963C1	4	PLUG	-	-	3527276C1	5	A5DD+	18	YL	3518963C1	6	A5DD-	18	GN	3518963C1	7	A97AB	18	VT	3518963C1	8	A97-G	18	WH	3518963C1	9	A97X	16	GY	3518963C1	10	A18-G	18	WH	3518963C1	11	PLUG	-	-	3527276C1	12	PLUG	-	-	3527276C1	<div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><p>MSM2 BLACK CONNECTOR (LOCATED ON DASH PANEL BELOW INSTRUMENT CLUSTER) (3115)</p><p>CONNECTOR - 3586750C1 BODY LOCK - 3553460C1</p></div><div style="width: 50%;"><table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><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>A19B</td><td>18</td><td>GY</td><td>3518963C1</td></tr><tr><td>2</td><td>A97AA</td><td>18</td><td>VT</td><td>3518963C1</td></tr><tr><td>3</td><td>A19-GD</td><td>18</td><td>WH</td><td>3518963C1</td></tr><tr><td>4</td><td>A95C</td><td>18</td><td>TN</td><td>3518963C1</td></tr><tr><td>5</td><td>A95D</td><td>18</td><td>TN</td><td>3518963C1</td></tr><tr><td>6</td><td>A95F</td><td>18</td><td>TN</td><td>3518963C1</td></tr><tr><td>7</td><td>A95E</td><td>18</td><td>TN</td><td>3518963C1</td></tr><tr><td>8</td><td>A97CF</td><td>18</td><td>VT</td><td>3518963C1</td></tr><tr><td>9</td><td>A97DE</td><td>18</td><td>VT</td><td>3518963C1</td></tr><tr><td>10</td><td>A24C</td><td>18</td><td>GY</td><td>3518963C1</td></tr><tr><td>11</td><td>A24D</td><td>18</td><td>GY</td><td>3518963C1</td></tr><tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>3527276C1</td></tr></tbody></table></div></div>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A19B	18	GY	3518963C1	2	A97AA	18	VT	3518963C1	3	A19-GD	18	WH	3518963C1	4	A95C	18	TN	3518963C1	5	A95D	18	TN	3518963C1	6	A95F	18	TN	3518963C1	7	A95E	18	TN	3518963C1	8	A97CF	18	VT	3518963C1	9	A97DE	18	VT	3518963C1	10	A24C	18	GY	3518963C1	11	A24D	18	GY	3518963C1	12	PLUG	-	-	3527276C1
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<div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><p>WATER IN FUEL MODULE JUMPER (LOCATED NEAR DATA LINK CONNECTOR) (3116)</p><p>CONNECTOR - 2005835C1 BODY LOCK - 2006503C1</p></div><div style="width: 50%;"><table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>B</td><td>A19F</td><td>18</td><td>GY</td><td>1661208C1</td></tr><tr><td>C</td><td>A19-G</td><td>18</td><td>WH</td><td>1661208C1</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>A19K</td><td>18</td><td>GY</td><td>1661208C1</td></tr><tr><td>H</td><td>A19-GD</td><td>18</td><td>WH</td><td>1661208C1</td></tr></tbody></table></div></div>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	-	-	-	-	B	A19F	18	GY	1661208C1	C	A19-G	18	WH	1661208C1	D	-	-	-	-	E	-	-	-	-	F	-	-	-	-	G	A19K	18	GY	1661208C1	H	A19-GD	18	WH	1661208C1																																																																																										
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Figure 105 Connector Composites (3114), (3115), (3116)

11.26. CONNECTOR COMPOSITES (3117), (3118), (3216M), P. 26

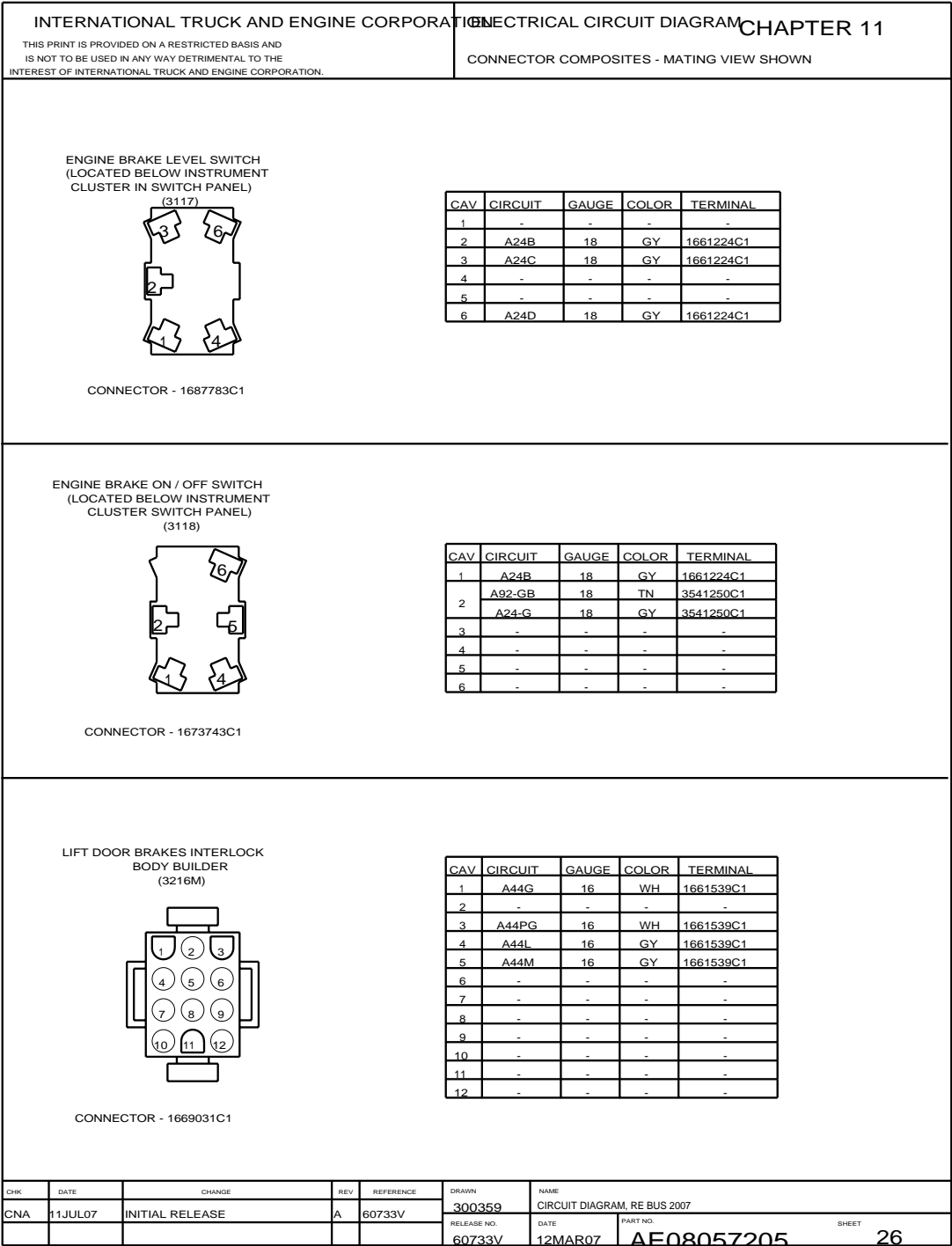


Figure 106 Connector Composites (3117), (3118), (3216M)

11.27. CONNECTOR COMPOSITES (4321M), (5556M), (5678), P. 27

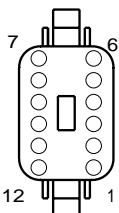
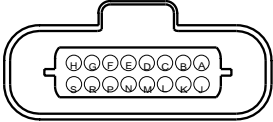

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<p style="text-align: center;">PARKER HANNAFIN FAN DRIVE CONNECTOR (4321M)</p>  <p style="text-align: center;">CONNECTOR - 3601923C1 BODY LOCK - 3601925C1</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>K23D</td><td>18</td><td>TN</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>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>K13M</td><td>18</td><td>PK</td><td>1680205C1</td></tr> <tr><td>6</td><td>K23D(+)</td><td>18</td><td>TN</td><td>1680205C1</td></tr> <tr><td>7</td><td>K23D(-)</td><td>18</td><td>TN</td><td>1680205C1</td></tr> <tr><td>8</td><td>K23-GA</td><td>18</td><td>WH</td><td>1680205C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>10</td><td>K23C</td><td>18</td><td>TN</td><td>1680205C1</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	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K23D	18	TN	1680205C1	2	PLUG	-	-	0453133C1	3	PLUG	-	-	0453133C1	4	PLUG	-	-	0453133C1	5	K13M	18	PK	1680205C1	6	K23D(+)	18	TN	1680205C1	7	K23D(-)	18	TN	1680205C1	8	K23-GA	18	WH	1680205C1	9	PLUG	-	-	0453133C1	10	K23C	18	TN	1680205C1	11	PLUG	-	-	0453133C1	12	PLUG	-	-	0453133C1																																					
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<p style="text-align: center;">POWER DISTRIBUTION MODULE#1 (5556M)</p>  <p style="text-align: center;">CONNECTOR - 3580539C1</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>A</td><td>PLUG</td><td>-</td><td>-</td><td>3535430C1</td><td>-</td></tr> <tr><td>B</td><td>K23A</td><td>18</td><td>TN</td><td>3534162C1</td><td>3535427C1</td></tr> <tr><td>C</td><td>PLUG</td><td>-</td><td>-</td><td>3535430C1</td><td>-</td></tr> <tr><td>D</td><td>K11-GH</td><td>16</td><td>WH</td><td>3534162C1</td><td>3535428C1</td></tr> <tr><td>E</td><td>K17F</td><td>18</td><td>PK</td><td>3534162C1</td><td>3535427C1</td></tr> <tr><td>F</td><td>K17S</td><td>18</td><td>PK</td><td>3534162C1</td><td>3535427C1</td></tr> <tr><td>G</td><td>K13R</td><td>16</td><td>PK</td><td>3534162C1</td><td>3535428C1</td></tr> <tr><td>H</td><td>K97C</td><td>14</td><td>VT</td><td>3534163C1</td><td>3535428C1</td></tr> <tr><td>J</td><td>K70C</td><td>18</td><td>OR</td><td>3534162C1</td><td>3535427C1</td></tr> <tr><td>K</td><td>K19A</td><td>14</td><td>GY</td><td>3534163C1</td><td>3535428C1</td></tr> <tr><td>L</td><td>K28A</td><td>16</td><td>PK</td><td>3534162C1</td><td>3535428C1</td></tr> <tr><td>M</td><td>PLUG</td><td>-</td><td>-</td><td>3535430C1</td><td>-</td></tr> <tr><td>N</td><td>K39</td><td>16</td><td>GY</td><td>3534162C1</td><td>3535428C1</td></tr> <tr><td>P</td><td>K39A</td><td>16</td><td>GY</td><td>3534162C1</td><td>3535428C1</td></tr> <tr><td>R</td><td>PLUG</td><td>-</td><td>-</td><td>3535430C1</td><td>-</td></tr> <tr><td>S</td><td>K17A</td><td>16</td><td>PK</td><td>3534162C1</td><td>3535428C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	PLUG	-	-	3535430C1	-	B	K23A	18	TN	3534162C1	3535427C1	C	PLUG	-	-	3535430C1	-	D	K11-GH	16	WH	3534162C1	3535428C1	E	K17F	18	PK	3534162C1	3535427C1	F	K17S	18	PK	3534162C1	3535427C1	G	K13R	16	PK	3534162C1	3535428C1	H	K97C	14	VT	3534163C1	3535428C1	J	K70C	18	OR	3534162C1	3535427C1	K	K19A	14	GY	3534163C1	3535428C1	L	K28A	16	PK	3534162C1	3535428C1	M	PLUG	-	-	3535430C1	-	N	K39	16	GY	3534162C1	3535428C1	P	K39A	16	GY	3534162C1	3535428C1	R	PLUG	-	-	3535430C1	-	S	K17A	16	PK	3534162C1	3535428C1
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S	K17A	16	PK	3534162C1	3535428C1																																																																																																						
<p style="text-align: center;">FAN CONTROL PWM DRIVE (5678)</p>  <p style="text-align: center;">CONNECTOR - 3602747C1 BODY LOCK - 3539784C1</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>K23D(+)</td><td>18</td><td>TN</td><td>1680205C1</td></tr> <tr><td>2</td><td>K23D(-)</td><td>18</td><td>TN</td><td>1680205C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K23D(+)	18	TN	1680205C1	2	K23D(-)	18	TN	1680205C1																																																																																							
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Figure 107 Connector Composites (4321M), (5556M), (5678)

11.28. CONNECTOR COMPOSITES (6005M), (6010), (6011), (6012), P. 28

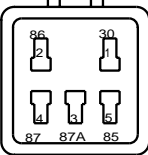
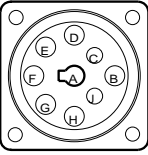
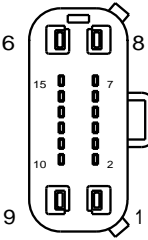
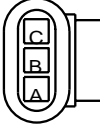
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<p>ECM CLEAN POWER RELAY (6005M)</p>  <p>CONNECTOR - 3512331C91</p>			<table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>1</td><td>K97HC</td><td>10</td><td>RD</td><td>3512334C1</td><td>0589390C1</td></tr> <tr><td>2</td><td>K97HD</td><td>10</td><td>RD</td><td>3512334C1</td><td>0589390C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr> <tr><td>4</td><td>K97HX</td><td>10</td><td>PL</td><td>3512334C1</td><td>0589390C1</td></tr> <tr><td>5</td><td>K97K</td><td>16</td><td>VT</td><td>2039343C1</td><td>1652325C1</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K97HC	10	RD	3512334C1	0589390C1	2	K97HD	10	RD	3512334C1	0589390C1	3	PLUG	-	-	0587579C1	-	4	K97HX	10	PL	3512334C1	0589390C1	5	K97K	16	VT	2039343C1	1652325C1																																																																		
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<p>DATALINK (6010)</p>  <p>CONNECTOR - 3544066C1</p>			<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>K97-GK</td><td>18</td><td>WH</td><td>1651968C1</td></tr> <tr><td>B</td><td>K97C</td><td>14</td><td>VT</td><td>1659750C1</td></tr> <tr><td>C</td><td>K5E(+)</td><td>18</td><td>YL</td><td>1651968C1</td></tr> <tr><td>D</td><td>K5E(-)</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>K3A(+)</td><td>18</td><td>DKBL</td><td>1651968C1</td></tr> <tr><td>G</td><td>K3A(-)</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	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K97-GK	18	WH	1651968C1	B	K97C	14	VT	1659750C1	C	K5E(+)	18	YL	1651968C1	D	K5E(-)	18	GN	1651968C1	E	-	-	-	-	F	K3A(+)	18	DKBL	1651968C1	G	K3A(-)	18	GY	1651968C1	H	-	-	-	-	J	-	-	-	-																																																				
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<p>MELROSE INTERCONNECT (6011)</p>  <p>CONNECTOR - 3613899C1</p>			<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>1</td><td>K97AZ</td><td>14</td><td>VT</td><td>3592386C1</td><td>3578677C1</td></tr> <tr><td>2</td><td>K97UC</td><td>18</td><td>PL</td><td>3592016C1</td><td>-</td></tr> <tr><td>3</td><td>K97AY</td><td>16</td><td>PL</td><td>3592016C1</td><td>-</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>1234567C1</td><td>-</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>1234567C1</td><td>-</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>1234567C1</td><td>-</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>1234567C1</td><td>-</td></tr> <tr><td>8</td><td>K19-GA</td><td>14</td><td>WH</td><td>3592386C1</td><td>3578677C1</td></tr> <tr><td>9</td><td>K19B</td><td>14</td><td>GY</td><td>3592386C1</td><td>3578677C1</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>1234567C1</td><td>-</td></tr> <tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>1234567C1</td><td>-</td></tr> <tr><td>12</td><td>PLUG</td><td>-</td><td>-</td><td>1234567C1</td><td>-</td></tr> <tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>1234567C1</td><td>-</td></tr> <tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>1234567C1</td><td>-</td></tr> <tr><td>15</td><td>K97-GC</td><td>16</td><td>PL</td><td>3592016C1</td><td>-</td></tr> <tr><td>16</td><td>K97-GB</td><td>14</td><td>WH</td><td>3592386C1</td><td>3578677C1</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K97AZ	14	VT	3592386C1	3578677C1	2	K97UC	18	PL	3592016C1	-	3	K97AY	16	PL	3592016C1	-	4	PLUG	-	-	1234567C1	-	5	PLUG	-	-	1234567C1	-	6	PLUG	-	-	1234567C1	-	7	PLUG	-	-	1234567C1	-	8	K19-GA	14	WH	3592386C1	3578677C1	9	K19B	14	GY	3592386C1	3578677C1	10	PLUG	-	-	1234567C1	-	11	PLUG	-	-	1234567C1	-	12	PLUG	-	-	1234567C1	-	13	PLUG	-	-	1234567C1	-	14	PLUG	-	-	1234567C1	-	15	K97-GC	16	PL	3592016C1	-	16	K97-GB	14	WH	3592386C1	3578677C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																																						
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<p>J1939 TERMINATING RESISTOR (CONTROL BOX) (6012)</p>  <p>CONNECTOR - 1667741C1 BODY LOCK - 1661771C1</p>			<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>K5F(+)</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>K5F(-)</td><td>18</td><td>GN</td><td>1661875C1</td><td>3568570C1</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K5F(+)	18	YL	1661875C1	3568570C1	B	PLUG	-	-	2025431C1	-	C	K5F(-)	18	GN	1661875C1	3568570C1																																																																														
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						SHEET	28																																																																																																				

Figure 108 Connector Composites (6005M), (6010), (6011), (6012)

11.29. CONNECTOR COMPOSITES (6020), P. 29

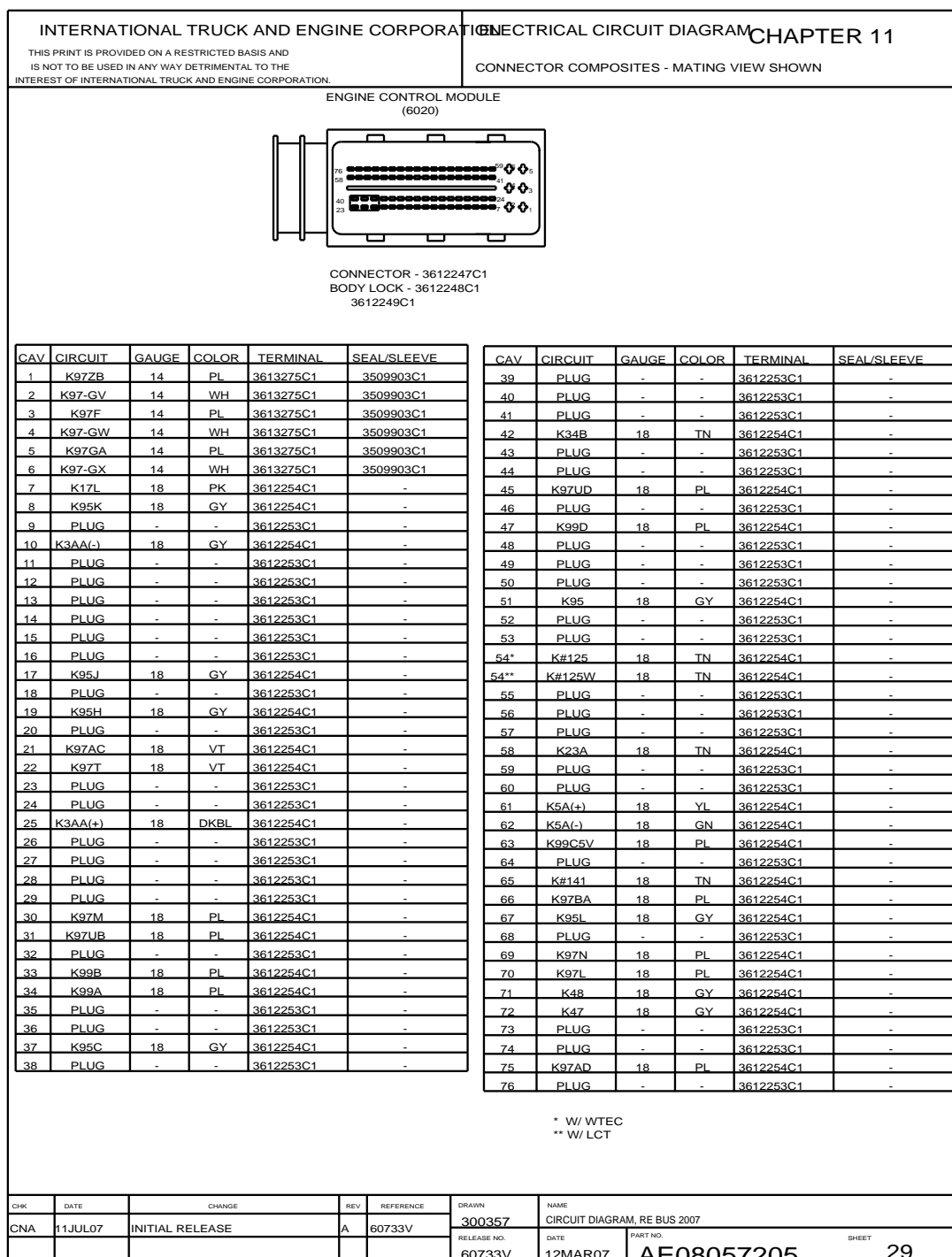


Figure 109 Connector Composites (6020)

11.30. CONNECTOR COMPOSITES (6120), (6200), (6201), (6202), P. 30

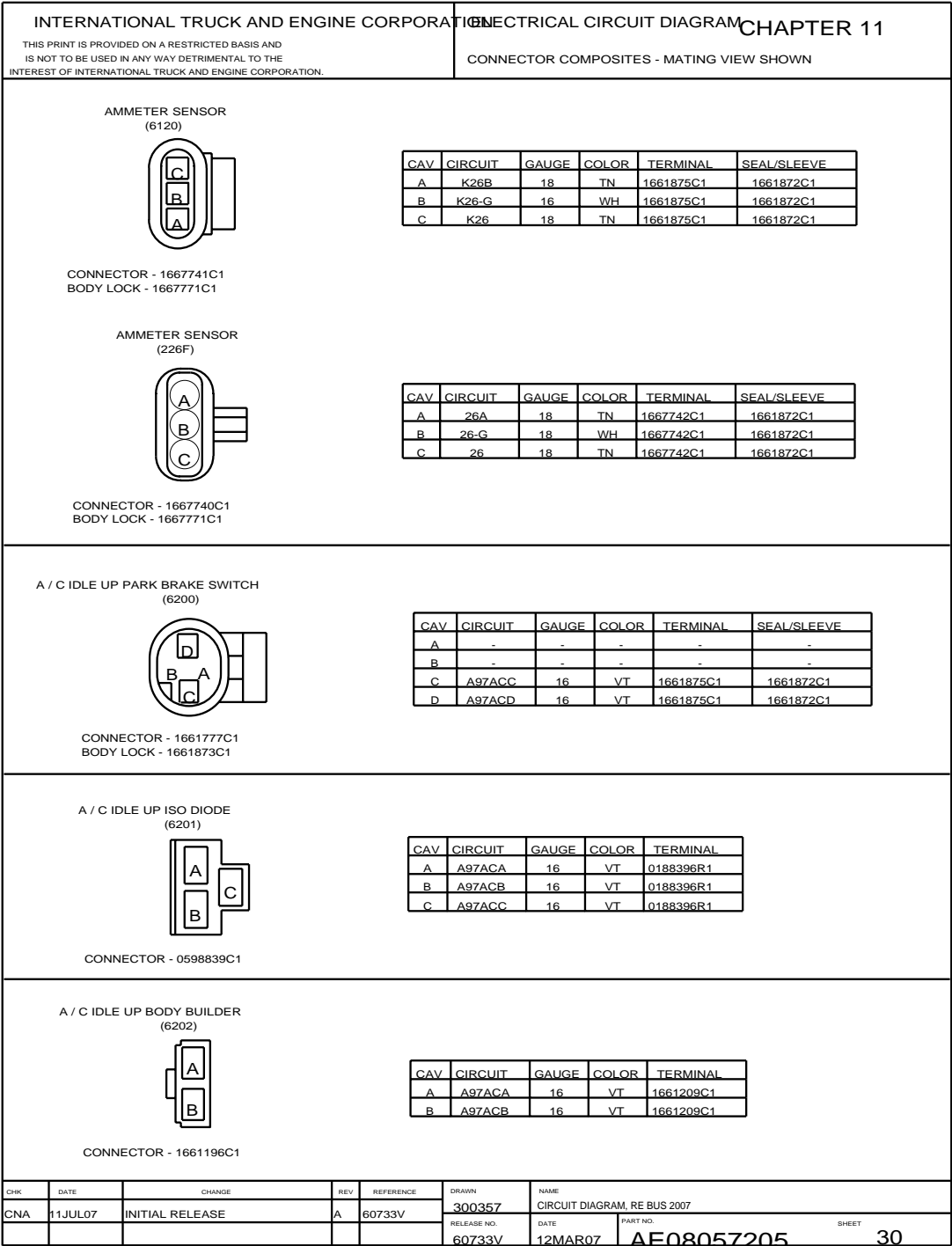


Figure 110 Connector Composites (6120), (6200), (6201), (6202)

11.31. CONNECTOR COMPOSITES (6260), (6261), (6262), (6263), P. 31

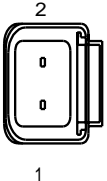
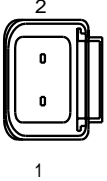
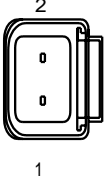
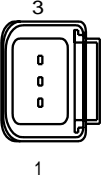
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<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p style="text-align: center;">DIESEL OXIDATION CATALYST TEMP (6260)</p>  <p style="text-align: center;">CONNECTOR - 3626435C1</p> </div> <div style="width: 55%;"> <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>K95B</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>2</td> <td>K95K</td> <td>18</td> <td>GY</td> <td>3573077C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95B	18	TN	3573077C1	2	K95K	18	GY	3573077C1					
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<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p style="text-align: center;">DIESEL PARTICULATE INLET TEMP (6261)</p>  <p style="text-align: center;">CONNECTOR - 3626436C1</p> </div> <div style="width: 55%;"> <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>K95D</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>2</td> <td>K95J</td> <td>18</td> <td>GY</td> <td>3573077C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95D	18	TN	3573077C1	2	K95J	18	GY	3573077C1					
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<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p style="text-align: center;">DIESEL PARTICULATE OUTPUT TEMP (6262)</p>  <p style="text-align: center;">CONNECTOR - 3626437C1</p> </div> <div style="width: 55%;"> <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>K95G</td> <td>18</td> <td>TN</td> <td>3573077C1</td> </tr> <tr> <td>2</td> <td>K95L</td> <td>18</td> <td>GY</td> <td>3573077C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95G	18	TN	3573077C1	2	K95L	18	GY	3573077C1					
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<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p style="text-align: center;">DIESEL PARTICULATE FILTER DELTA PRESSURE (6263)</p>  <p style="text-align: center;">CONNECTOR - 3626438C1</p> </div> <div style="width: 55%;"> <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>K95F</td> <td>18</td> <td>GY</td> <td>3573077C1</td> </tr> <tr> <td>2</td> <td>K95H</td> <td>18</td> <td>GY</td> <td>3573077C1</td> </tr> <tr> <td>3</td> <td>K95</td> <td>18</td> <td>GY</td> <td>3573077C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K95F	18	GY	3573077C1	2	K95H	18	GY	3573077C1	3	K95	18	GY	3573077C1
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CNA	11JUL07	INITIAL RELEASE	A	60733V	300357	CIRCUIT DIAGRAM, RE BUS 2007																			
					RELEASE NO. 60733V	DATE 12MAR07																			
					PART NO. AE08057205	SHEET 31																			

Figure 111 Connector Composites (6260), (6261), (6262), (6263)

11.32. CONNECTOR COMPOSITES (6308), (6400), (6665M), P. 32

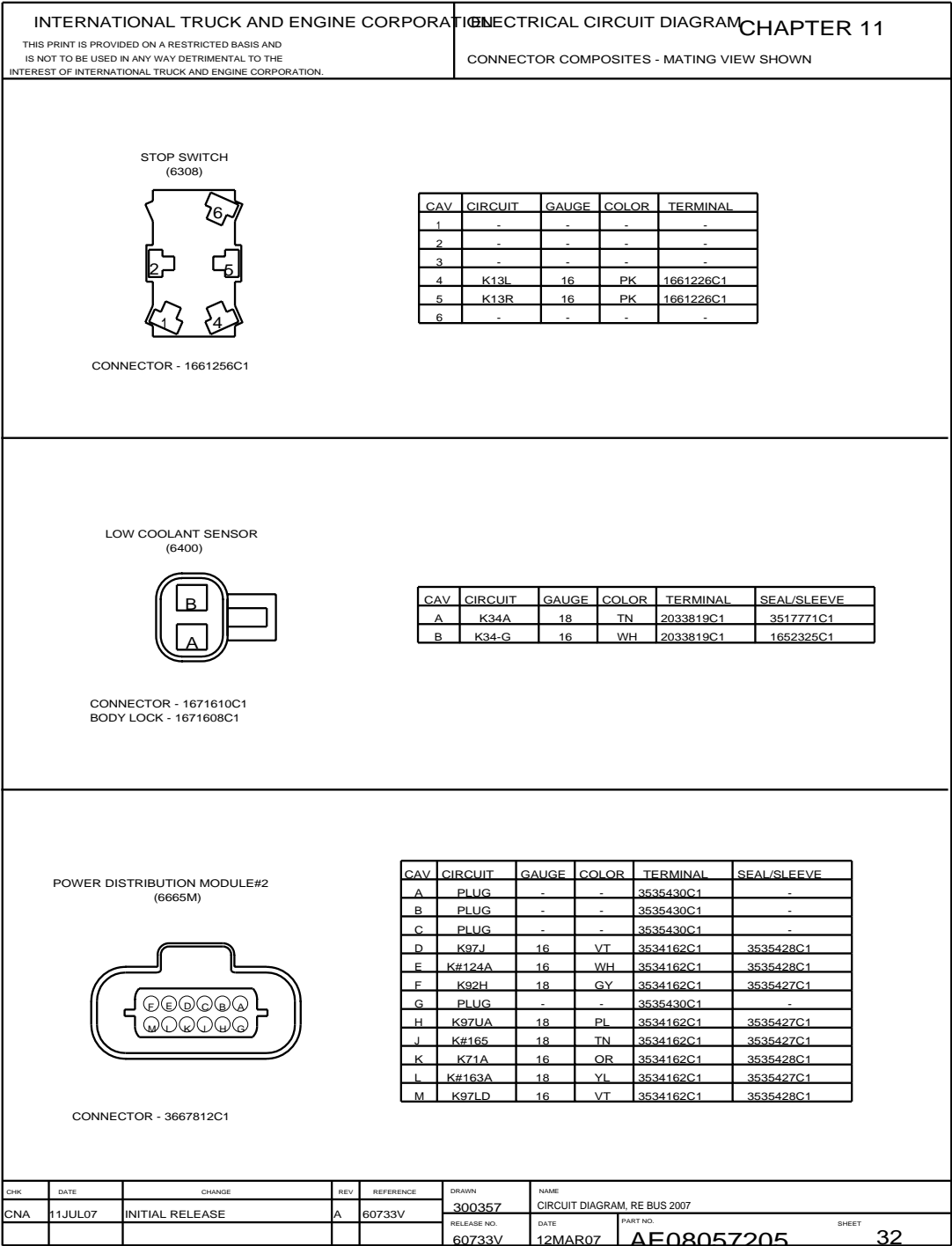


Figure 112 Connector Composites (6308), (6400), (6665M)

11.33. CONNECTOR COMPOSITES (6703), (6705), (6741), P. 33

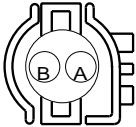
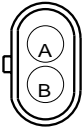

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<div style="display: flex; justify-content: space-between; align-items: flex-start;"><div style="width: 30%; text-align: center;"><p>AIR INTAKE TEMP SENSOR (6703)</p><p>CONNECTOR - 1689462C1 BODY LOCK - 1689463C1</p></div><div style="width: 65%;"><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></tr></thead><tbody><tr><td>A</td><td>K97B</td><td>16</td><td>PL</td><td>1689464C1</td></tr><tr><td>B</td><td>K97S</td><td>16</td><td>VT</td><td>1689464C1</td></tr></tbody></table></div></div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K97B	16	PL	1689464C1	B	K97S	16	VT	1689464C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																					
A	K97B	16	PL	1689464C1																					
B	K97S	16	VT	1689464C1																					
<div style="display: flex; justify-content: space-between; align-items: flex-start;"><div style="width: 30%; text-align: center;"><p>AIR DRYER (6705)</p><p>CONNECTOR - 0587567C91</p></div><div style="width: 65%;"><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>A</td><td>K39B</td><td>16</td><td>GY</td><td>0587577C1</td><td>1652325C1</td></tr><tr><td>B</td><td>K39-G</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr></tbody></table></div></div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K39B	16	GY	0587577C1	1652325C1	B	K39-G	16	WH	0587577C1	1652325C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																				
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<div style="display: flex; justify-content: space-between; align-items: flex-start;"><div style="width: 30%; text-align: center;"><p>TRANSMISSION OIL TEMP SENSOR (6741)</p><p>CONNECTOR - 2036584C1</p></div><div style="width: 65%;"><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></tr></thead><tbody><tr><td>A</td><td>K31A</td><td>18</td><td>TN</td><td>2036586C1</td></tr><tr><td>B</td><td>K31-G</td><td>16</td><td>WH</td><td>2036586C1</td></tr></tbody></table></div></div>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K31A	18	TN	2036586C1	B	K31-G	16	WH	2036586C1			
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																					
A	K31A	18	TN	2036586C1																					
B	K31-G	16	WH	2036586C1																					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																			
		INITIAL RELEASE	A	60733V	300357	CIRCUIT DIAGRAM, RE BUS 2007																			
					RELEASE NO. 60733V	DATE	PART NO.																		
						12MAR07	AE08057205																		
							33																		

Figure 113 Connector Composites (6703), (6705), (6741)

11.34. CONNECTOR COMPOSITES (7150), P. 34

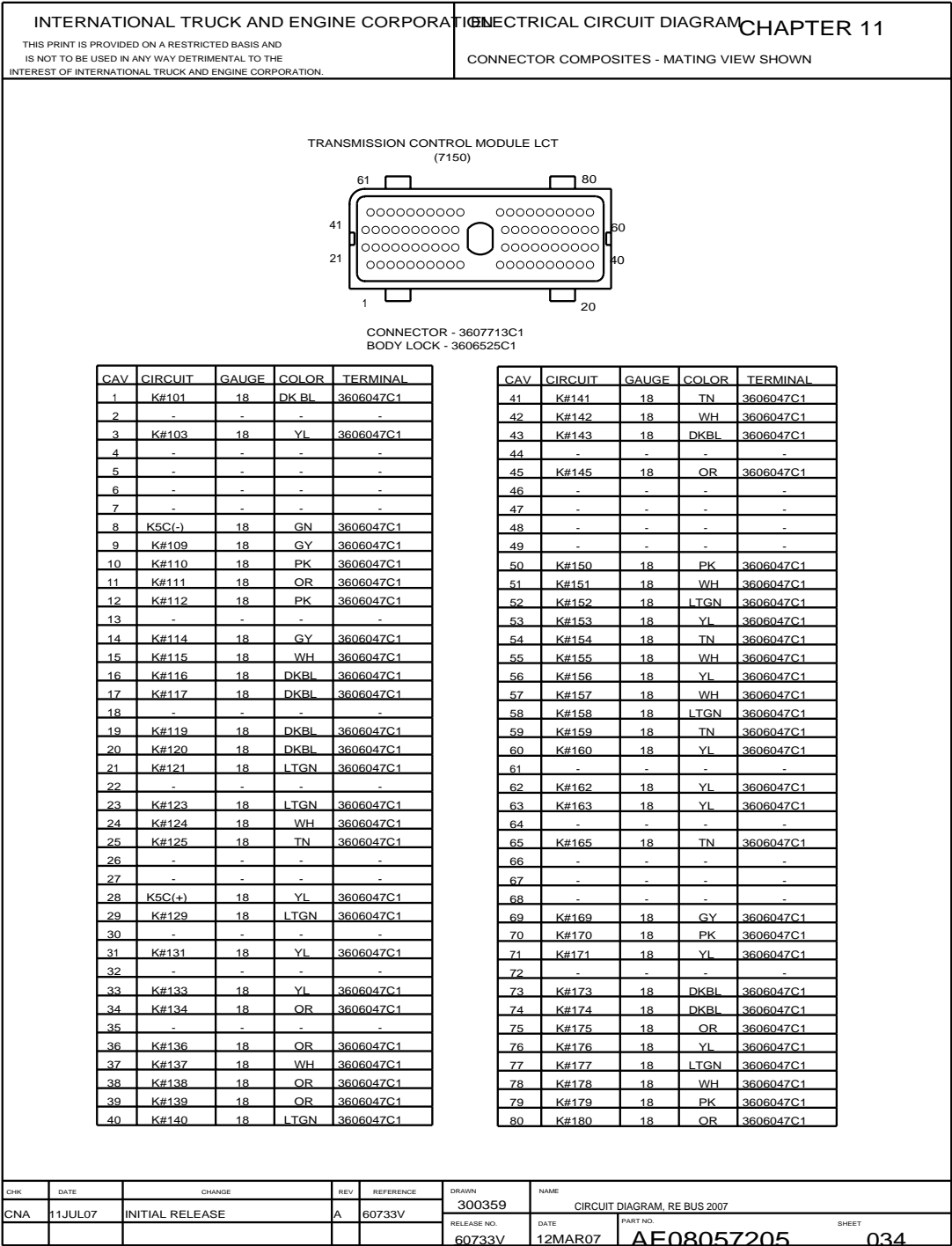


Figure 114 Connector Composites (7150)

11.35. CONNECTOR COMPOSITES (7150A), P. 35

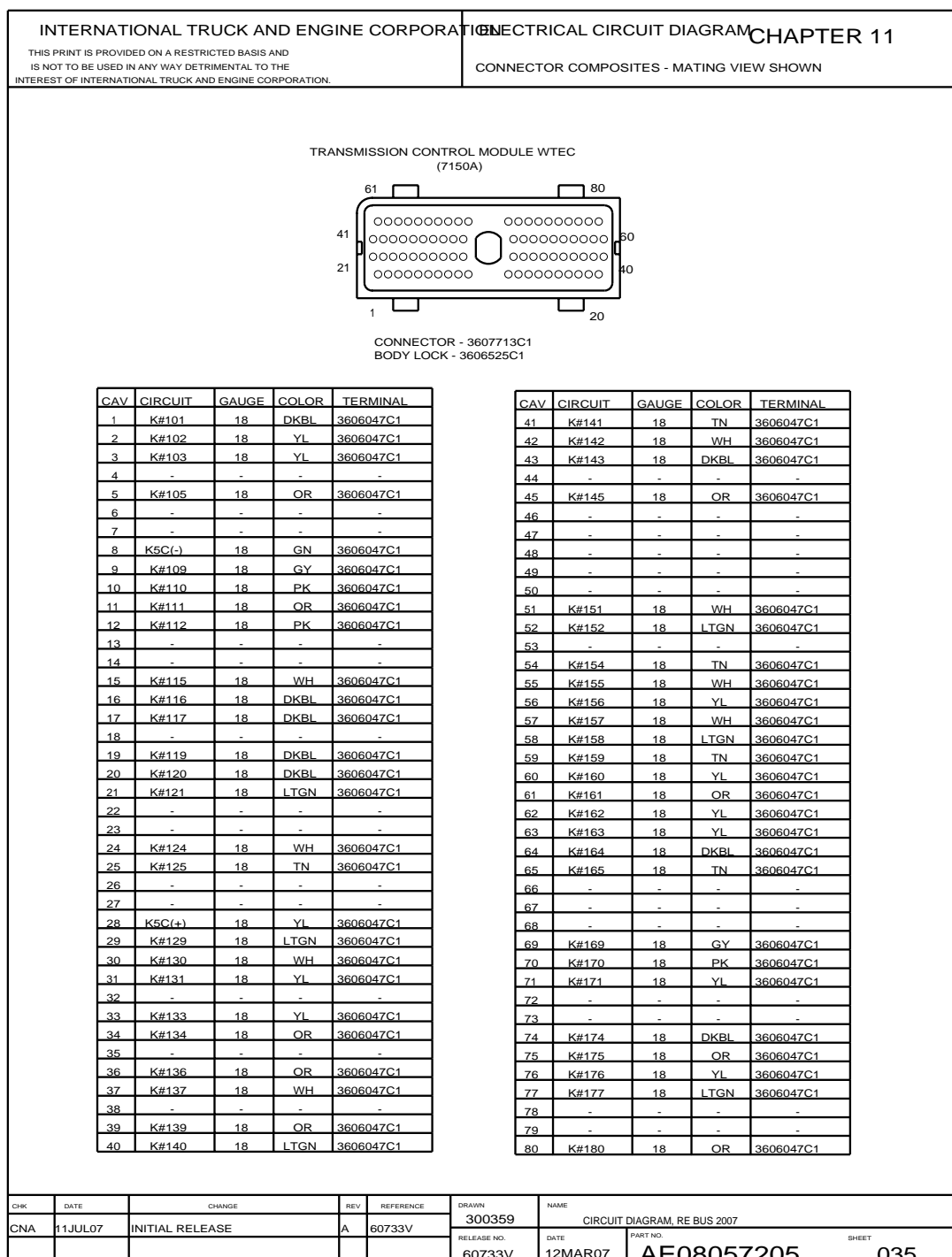


Figure 115 Connector Composites (7150A)

11.36. CONNECTOR COMPOSITES (7250), (7306), P. 36

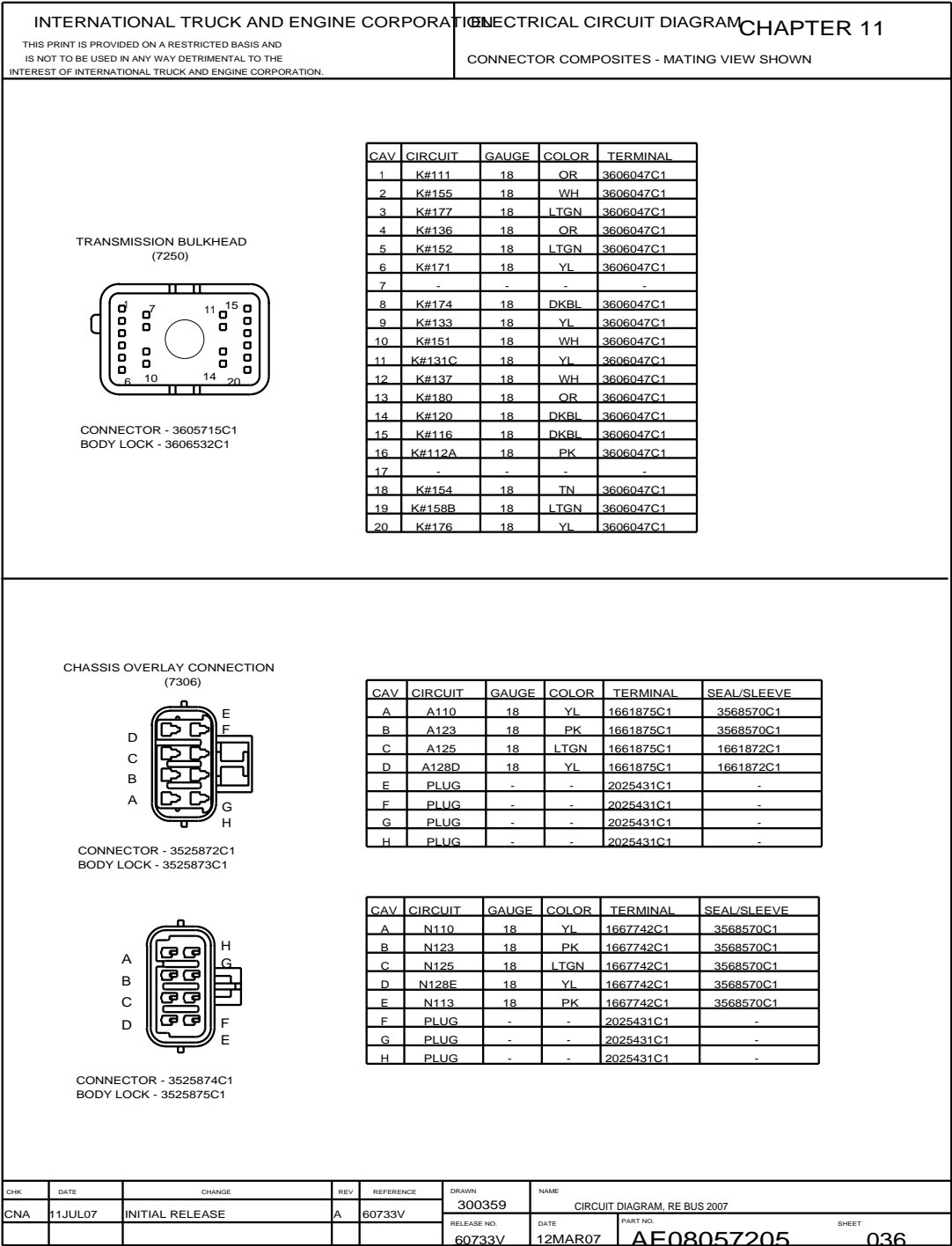


Figure 116 Connector Composites (7250), (7306)

11.37. CONNECTOR COMPOSITES (7350), (7600), (7603), (7604), P. 37

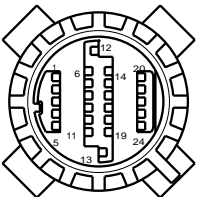

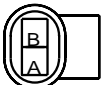
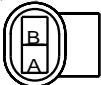
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<p>TRANSMISSION BULKHEAD (7350)</p>  <p>CONNECTOR - 3605714C1 BODY LOCK - 3606526C1</p>			<table border="1" style="width: 100%; border-collapse: collapse; font-size: 10px;"> <thead> <tr> <th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>K#152</td><td>18</td><td>LTGN</td><td>3606047C1</td></tr> <tr><td>2</td><td>K#133</td><td>18</td><td>YL</td><td>3606047C1</td></tr> <tr><td>3</td><td>K#151</td><td>18</td><td>WH</td><td>3606047C1</td></tr> <tr><td>4</td><td>K#117</td><td>18</td><td>DKBL</td><td>3606047C1</td></tr> <tr><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>K#157</td><td>18</td><td>WH</td><td>3606047C1</td></tr> <tr><td>7</td><td>K#179</td><td>18</td><td>PK</td><td>3606047C1</td></tr> <tr><td>8</td><td>K#154</td><td>18</td><td>TN</td><td>3606047C1</td></tr> <tr><td>9</td><td>K#158</td><td>18</td><td>LTGN</td><td>3606047C1</td></tr> <tr><td>10</td><td>K#178</td><td>18</td><td>WH</td><td>3606047C1</td></tr> <tr><td>11</td><td>K#177</td><td>18</td><td>LTGN</td><td>3606047C1</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>K#111</td><td>18</td><td>OR</td><td>3606047C1</td></tr> <tr><td>15</td><td>K#155</td><td>18</td><td>WH</td><td>3606047C1</td></tr> <tr><td>16</td><td>K#171</td><td>18</td><td>YL</td><td>3606047C1</td></tr> <tr><td>17</td><td>K#136</td><td>18</td><td>OR</td><td>3606047C1</td></tr> <tr><td>18</td><td>K#138</td><td>18</td><td>OR</td><td>3606047C1</td></tr> <tr><td>19</td><td>K#174</td><td>18</td><td>DKBL</td><td>3606047C1</td></tr> <tr><td>20</td><td>K#114</td><td>18</td><td>GY</td><td>3606047C1</td></tr> <tr><td>21</td><td>K#153</td><td>18</td><td>YL</td><td>3606047C1</td></tr> <tr><td>22</td><td>K#173</td><td>18</td><td>DKBL</td><td>3606047C1</td></tr> <tr><td>23</td><td>K#134</td><td>18</td><td>OR</td><td>3606047C1</td></tr> <tr><td>24</td><td>K#176</td><td>18</td><td>YL</td><td>3606047C1</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K#152	18	LTGN	3606047C1	2	K#133	18	YL	3606047C1	3	K#151	18	WH	3606047C1	4	K#117	18	DKBL	3606047C1	5	-	-	-	-	6	K#157	18	WH	3606047C1	7	K#179	18	PK	3606047C1	8	K#154	18	TN	3606047C1	9	K#158	18	LTGN	3606047C1	10	K#178	18	WH	3606047C1	11	K#177	18	LTGN	3606047C1	12	-	-	-	-	13	-	-	-	-	14	K#111	18	OR	3606047C1	15	K#155	18	WH	3606047C1	16	K#171	18	YL	3606047C1	17	K#136	18	OR	3606047C1	18	K#138	18	OR	3606047C1	19	K#174	18	DKBL	3606047C1	20	K#114	18	GY	3606047C1	21	K#153	18	YL	3606047C1	22	K#173	18	DKBL	3606047C1	23	K#134	18	OR	3606047C1	24	K#176	18	YL	3606047C1
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<p>OUTPUT SPEED SENSOR (LOCATED ON XMSN) (7600)</p>  <p>CONNECTOR - 3594124C91</p>			<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>K#160</td><td>18</td><td>YL</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>B</td><td>K#140</td><td>18</td><td>LTGN</td><td>3554322C1</td><td>3554318C1</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K#160	18	YL	3554322C1	3554318C1	B	K#140	18	LTGN	3554322C1	3554318C1																																																																																																											
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<p>INPUT SPEED SENSOR (7603)</p>  <p>CONNECTOR - 3610533C1 BODY LOCK - 3610532C1</p>			<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>K#159</td><td>18</td><td>TN</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>B</td><td>K#139</td><td>18</td><td>OR</td><td>3554322C1</td><td>3554318C1</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K#159	18	TN	3554322C1	3554318C1	B	K#139	18	OR	3554322C1	3554318C1																																																																																																											
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<p>ENGINE SPEED SENSOR (LOCATED ON XMSN) (7604)</p>  <p>CONNECTOR - 3594124C91</p>			<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>K#159</td><td>18</td><td>TN</td><td>3554322C1</td><td>3554318C1</td></tr> <tr> <td>B</td><td>K#139</td><td>18</td><td>OR</td><td>3554322C1</td><td>3554318C1</td></tr> </tbody> </table>			CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K#159	18	TN	3554322C1	3554318C1	B	K#139	18	OR	3554322C1	3554318C1																																																																																																											
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						SHEET 037																																																																																																																												

Figure 117 Connector Composites (7350), (7600), (7603), (7604)

11.38. CONNECTOR COMPOSITES (7607), (7966M), (7777M), P. 38

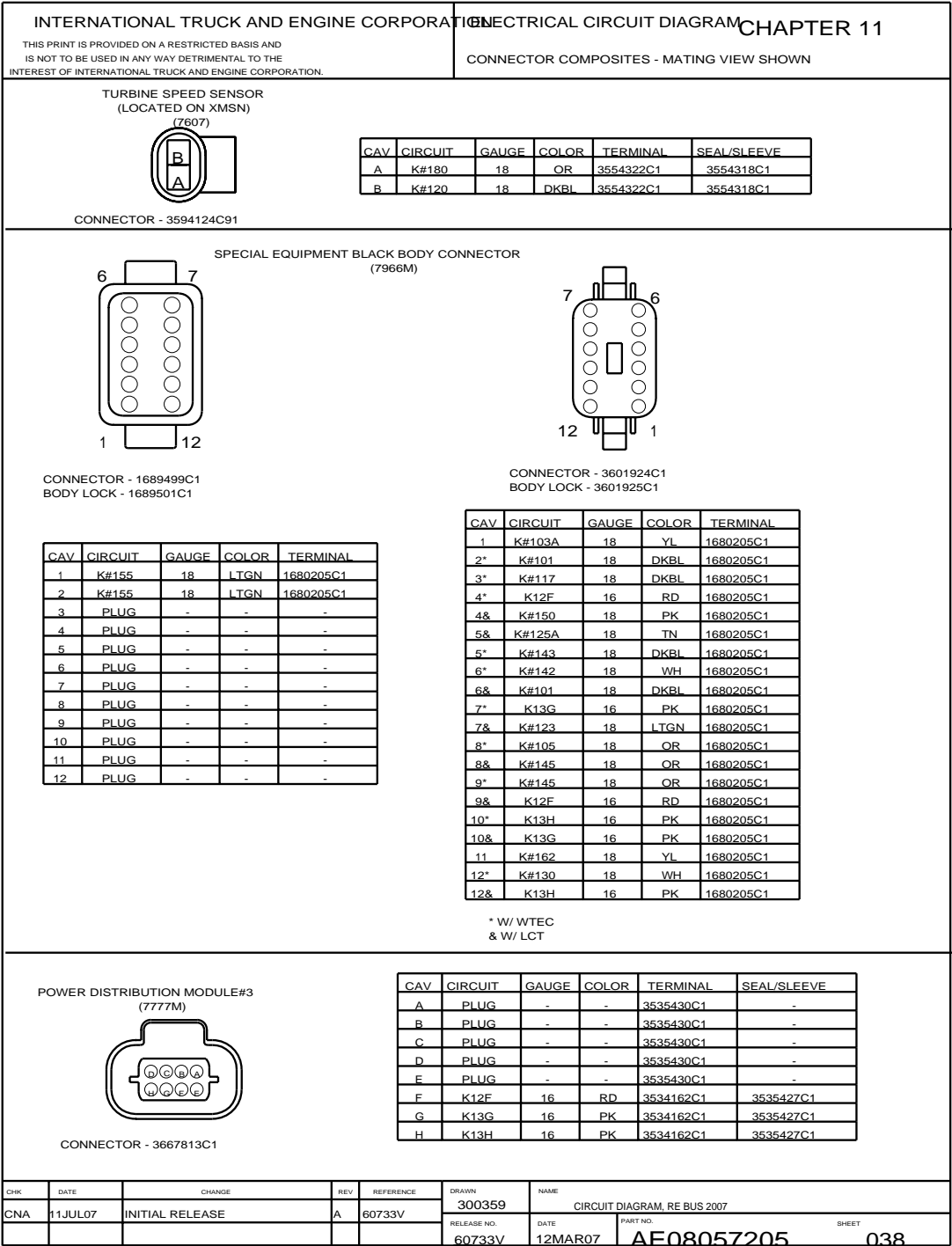


Figure 118 Connector Composites (7607), (7966M), (7777M)

11.39. CONNECTOR COMPOSITES (7980), (7981), (7982), (7983), (7999M), P. 39

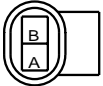
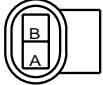
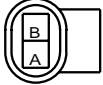
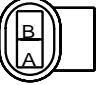
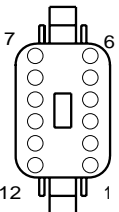
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<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p style="text-align: center;">RETARDER SOLENOID (7980)</p>  <p style="text-align: center;">CONNECTOR - 2036584C1</p> </div> <div style="width: 55%;"> <table border="1" 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>K#115</td> <td>18</td> <td>WH</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K#131B</td> <td>18</td> <td>YL</td> <td>2036586C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K#115	18	WH	2036586C1	B	K#131B	18	YL	2036586C1																																																		
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<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p style="text-align: center;">ACCUMULATOR SOLENOID (LOCATED ON XMSN) (7981)</p>  <p style="text-align: center;">CONNECTOR - 3524378C1</p> </div> <div style="width: 55%;"> <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>K#119</td> <td>18</td> <td>DKBL</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K#131A</td> <td>18</td> <td>YL</td> <td>2036586C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K#119	18	DKBL	2036586C1	B	K#131A	18	YL	2036586C1																																																		
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<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p style="text-align: center;">OUTPUT SPEED SENSOR (7983)</p>  <p style="text-align: center;">CONNECTOR - 3610533C1 BODY LOCK - 3610532C1</p> </div> <div style="width: 55%;"> <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> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K#160</td> <td>18</td> <td>YL</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B</td> <td>K#140</td> <td>18</td> <td>LTGN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K#160	18	YL	3554322C1	3554318C1	B	K#140	18	LTGN	3554322C1	3554318C1																																															
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<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p style="text-align: center;">SPECIAL EQUIPMENT GRAY CONNECTOR (LOCATED AT CONTROL BOX) (7999M)</p>  <p style="text-align: center;">CONNECTOR - 3601923C1 BODY LOCK - 3601925C1</p> </div> <div style="width: 55%;"> <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>K#103B</td><td>18</td><td>YL</td><td>1680205C1</td></tr> <tr><td>2</td><td>K#161B</td><td>18</td><td>OR</td><td>1680205C1</td></tr> <tr><td>3</td><td>K#157</td><td>18</td><td>WH</td><td>1680205C1</td></tr> <tr><td>4</td><td>K#124B</td><td>18</td><td>WH</td><td>1680205C1</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>0453133C1</td></tr> <tr><td>7</td><td>K#102</td><td>18</td><td>YL</td><td>1680205C1</td></tr> <tr><td>8</td><td>K#121</td><td>18</td><td>LTGN</td><td>1680205C1</td></tr> <tr><td>9</td><td>K#164A</td><td>18</td><td>DKBL</td><td>1680205C1</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> </div> </div>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K#103B	18	YL	1680205C1	2	K#161B	18	OR	1680205C1	3	K#157	18	WH	1680205C1	4	K#124B	18	WH	1680205C1	5	PLUG	-	-	0453133C1	6	PLUG	-	-	0453133C1	7	K#102	18	YL	1680205C1	8	K#121	18	LTGN	1680205C1	9	K#164A	18	DKBL	1680205C1	10	PLUG	-	-	0453133C1	11	PLUG	-	-	0453133C1	12	PLUG	-	-	0453133C1
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																
CNA	11JUL07	INITIAL RELEASE	A	60733V	300359	CIRCUIT DIAGRAM, RE BUS 2007																																																																
					RELEASE NO. 60733V	DATE 12MAR07	PART NO. AE08057205																																																															
						SHEET	039																																																															

Figure 119 Connector Composites (7980), (7981), (7982), (7983), (7999M)

11.40. CONNECTOR COMPOSITES (9258), (9259), (9260), (9263), P. 40

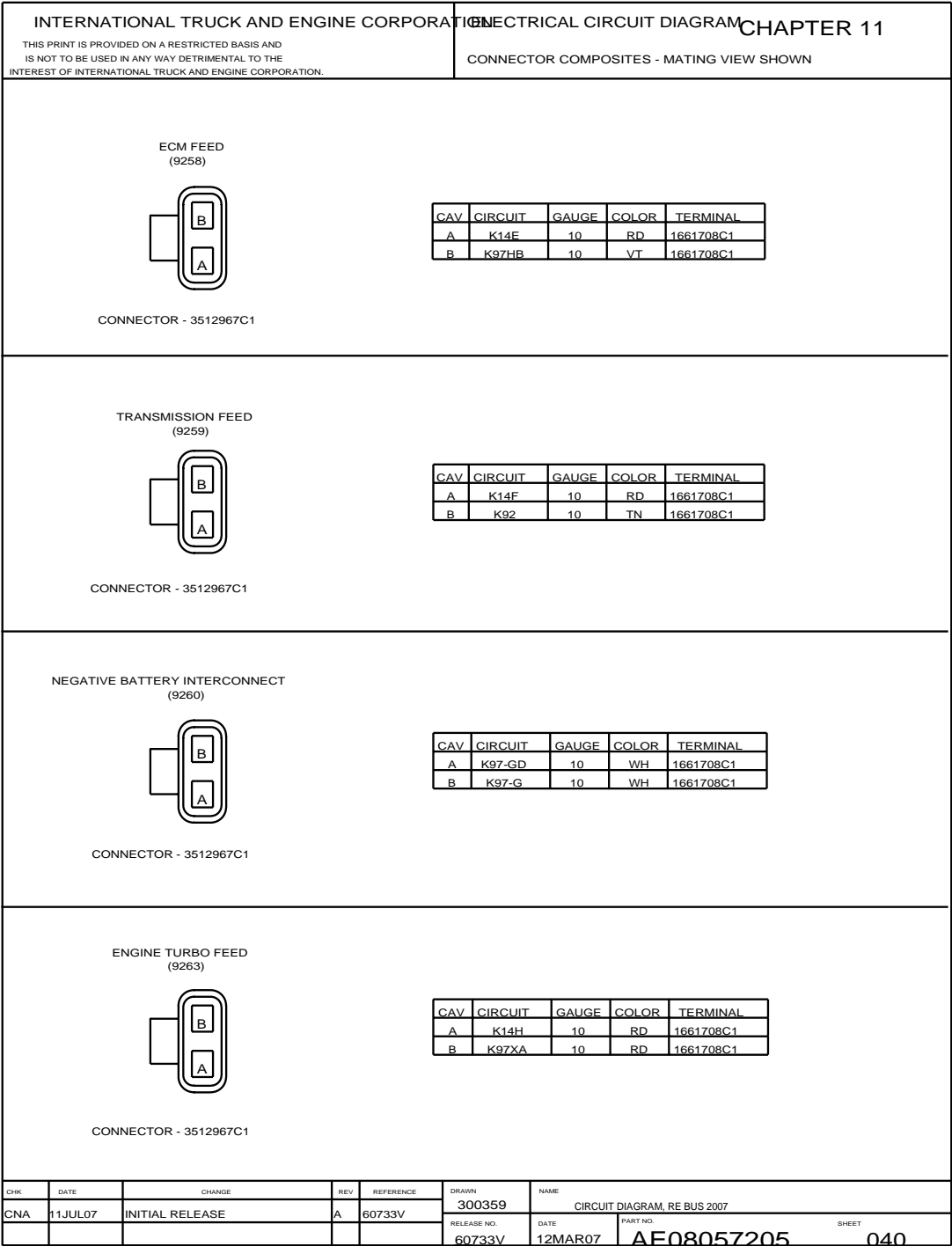


Figure 120 Connector Composites (9258), (9259), (9260), (9263)

11.41. CONNECTOR COMPOSITES (9850), P. 41

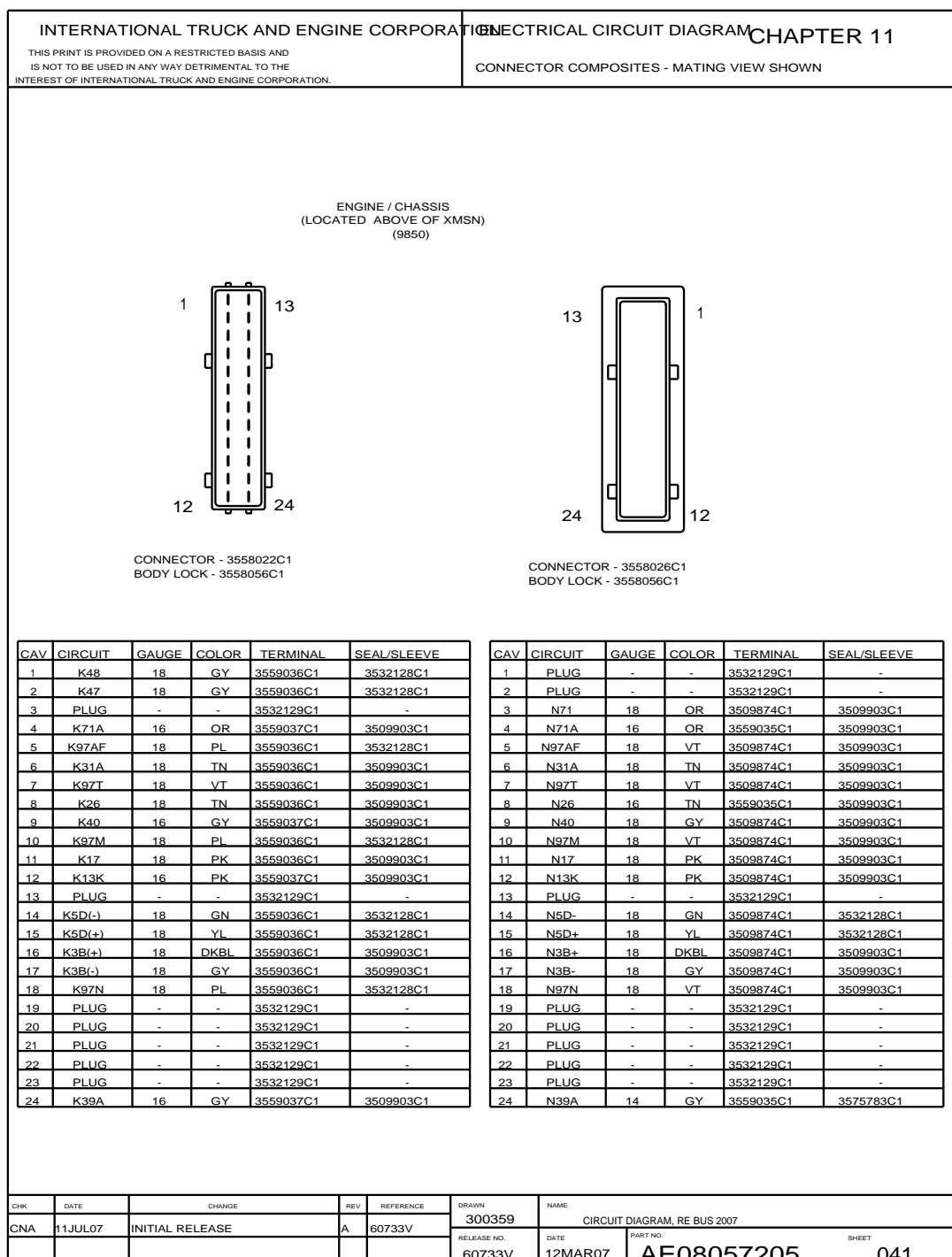


Figure 121 Connector Composites (9850)

11.42. CONNECTOR COMPOSITES (9851), P. 42

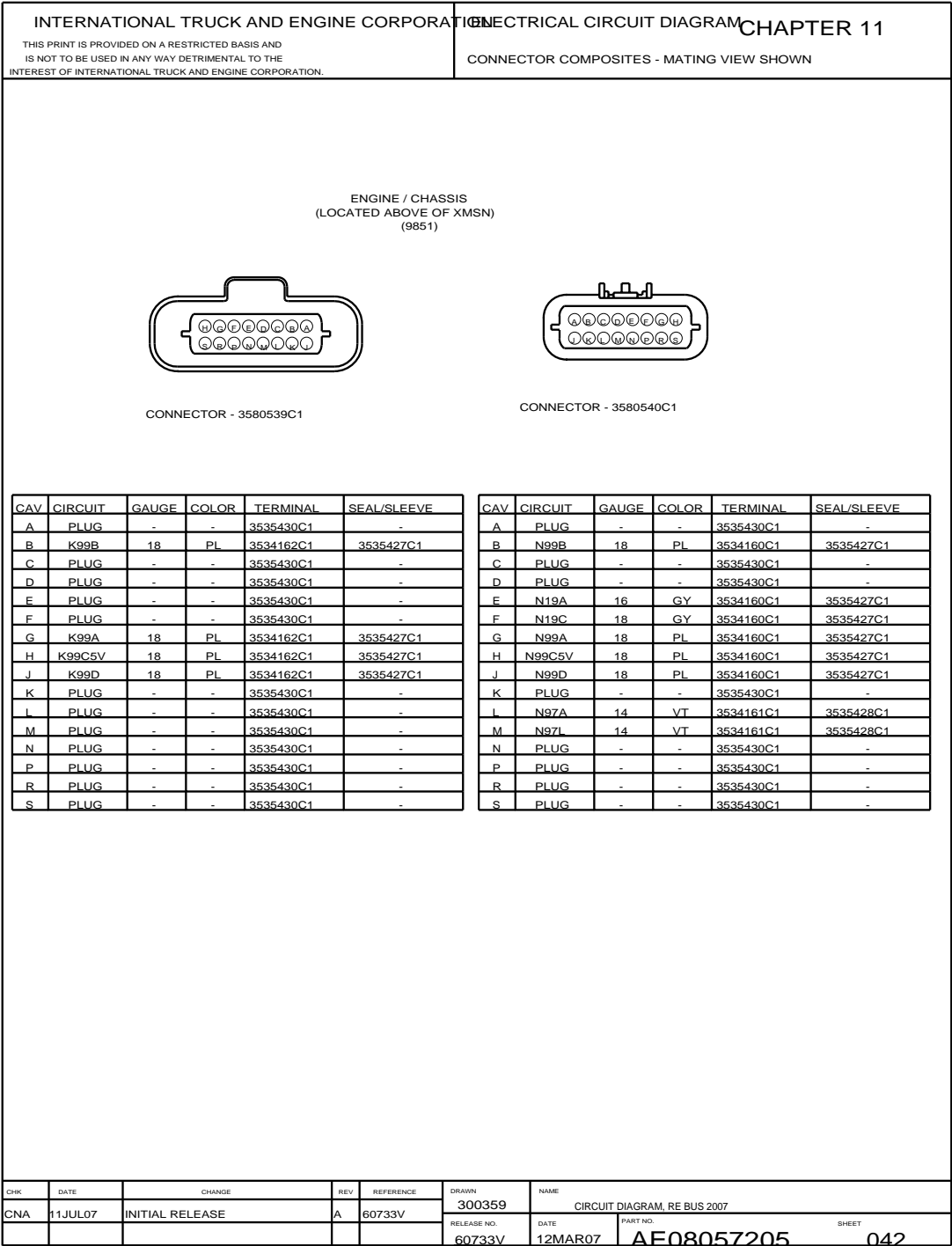


Figure 122 Connector Composites (9851)

11.43. CONNECTOR COMPOSITES (9875), (9876M), P. 43

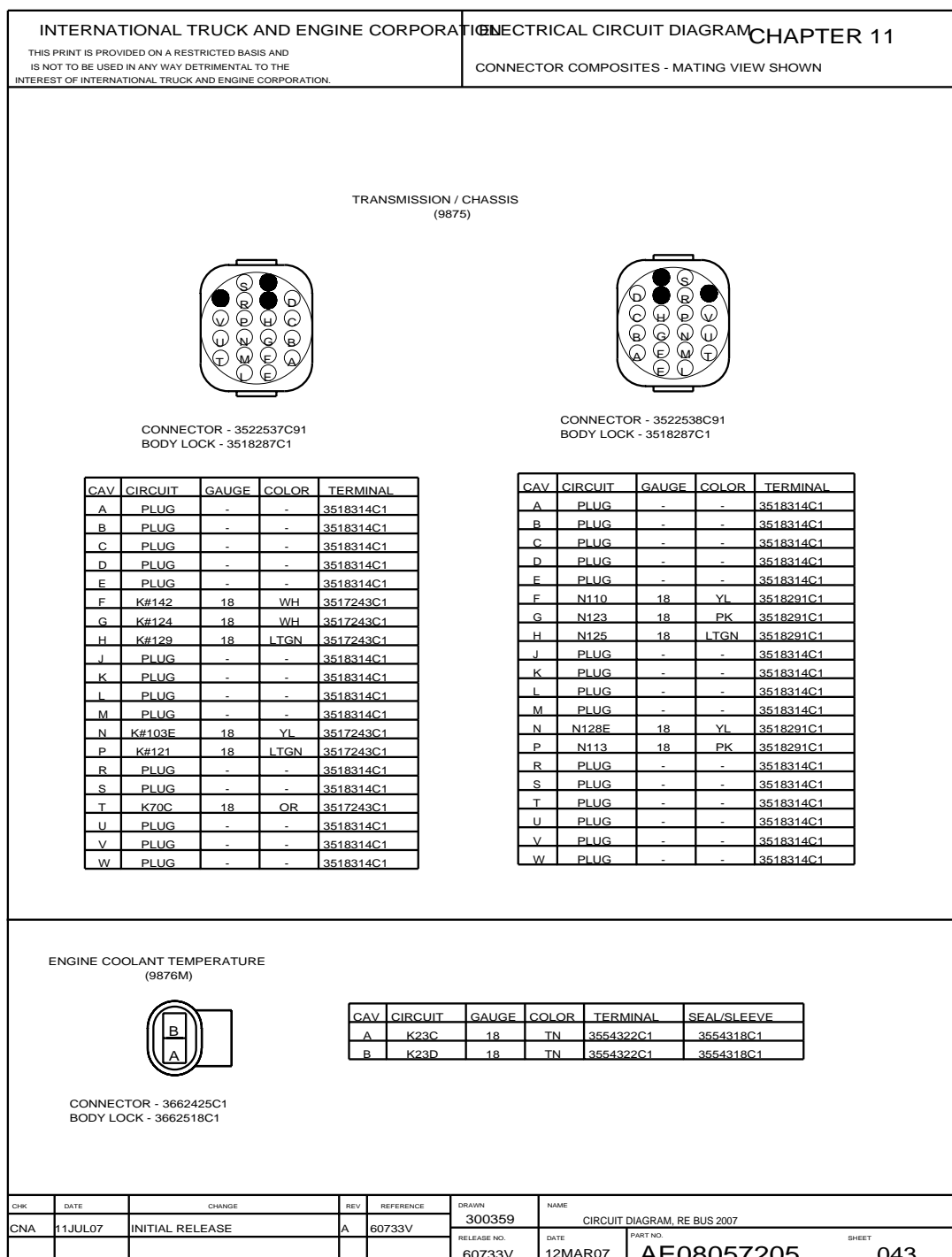


Figure 123 Connector Composites (9875), (9876M)