

## IP/GAUGE LIST, P. 1

### Figure 67 IP/Gauge List

WARNING LIGHT LIST, P. 2



INTERNATIONAL TRUCK AND ENGINE CORPORATION

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

WARNING LIGHTS LIST

CHAPTER 7

IP WARNING LIGHTS

WARNING LIGHT TITLE	SIGNAL PATH	SENSOR LOCATION
RANGE INHIBITED	TRANS CTRLR/DRIVE TRAIN J1939/CLUSTER	
FUEL FILTER	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	FUEL FILTER
ENGINE (YELLOW LED)	ENGINE CTRLR/DRIVE TRAIN J1939/CLUSTER	
ENGINE (RED LED)	ENGINE CTRLR/DRIVE TRAIN J1939/CLUSTER	
BRAKE PRESSURE (  )	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	SWITCH
BRAKE FLUID	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	BRK RESEVOIR
TRAC CTRL	TRUCK ABS CTRLR/DRIVE TRAIN J1939/CLUSTER	
CHECK TRANS	TRANS CTRLR/DRIVE TRAIN J1939/CLUSTER	
TRAILER ABS	TRLR ABS CTRLR/DRIVE TRAIN J1939/CLUSTER	
WASHER FLUID	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	WASHER BOTTLE
(LEFT TURN)	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	TURN SIG SW
AIR BAG	DISCRETE NOT ON DATA BUS	
WATER IN FUEL	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	FUEL FILTER
COOLANT LEVEL	ENGINE CTRLR/DRIVE TRAIN J1939/CLUSTER	SURGE TANK
CHECK ELECT SYS	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	
PARK (  )	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	SWITCH
CRUISE	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	
ABS	TRUCK CTRLR/DRIVE TRAIN J1939/CLUSTER	
(RIGHT TURN)	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	
WAIT TO START	ENGINE CTRLR/DRIVE TRAIN J1939/CLUSTER	
FASTEN BELTS	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	
(HIGH BEAM IND)	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	
COLD AMB PROTEC	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	
RETARD OVERHEAT	TRANS CTRLR/DRIVE TRAIN J1939/CLUSTER	TRANSMISSION
CHECK AC	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	
AUTO NEUTRAL	DISCRETE NOT ON DATA BUS	SWITCH
ALTERNATOR	DISCRETE NOT ON DATA BUS	
PTO/THROTTLE	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	
OPTIMIZED IDLE	DISCRETE NOT ON DATA BUS	
SNOW VALVE	DISCRETE NOT ON DATA BUS	SNOW VALVE
FR AXLE DIFF LOCK	DISCRETE NOT ON DATA BUS	FWD RR AXLE
RR AXLE DIFF LOCK	DISCRETE NOT ON DATA BUS	RR RR AXLE
MESSAGE WAIT	DISCRETE NOT ON DATA BUS	
PTO	DISCRETE NOT ON DATA BUS	
CONVERTER TEMP	DISCRETE NOT ON DATA BUS	
TOUCHLOC RELEASE	DISCRETE NOT ON DATA BUS	
PARK FLUID	SYSTEM CTRLR/DRIVE TRAIN	
FR AXLE ENGAGED	DISCRETE NOT ON DATA BUS	TRANSFER CASE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA	29SEP03	ADDED FR AXLE ENGAGED.	B	58928U	U00JXP9	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS
					RELEASE NO.	DATE
					P52778H	09AUG00
						AE08-52371
						SHEET 02

Figure 68 Warning Light List

## WARNING LIGHTS CONTROLLED BY ENGINE, TRANSMISSION, ABS CONTROLLER, P. 3

INTERNATIONAL TRUCK AND ENGINE CORPORATION

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

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 7

WARNING LIGHTS CONTROLLED BY  
ENGINE, TRANSMISSION, ABS CONTROLLER

THE FOLLOWING WARNING LIGHTS ARE CONTROLLED BY THE ENGINE, TRANSMISSION, OR ABS CONTROLLER OVER THE DATA BUS AND DO NOT HAVE INDEPENDENT CIRCUITRY THAT CAN BE OR NEEDS TO BE SHOWN:

RANGE INHIBIT

ENGINE (YELLOW LED)

ENGINE (RED LED)

TRAC CTRL

CHECK TRANS

TRAILER ABS

CHECK ELECTR SYS

ABS

WAIT TO START

RETARD OVERHEAT

AUTO NEUTRAL (NOT ON DATA BUS TO CLUSTER)

OPTIMIZED IDLE (NOT ON DATA BUS TO CLUSTER)

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
PEC	16JAN01	PRODUCTION RELEASE.	A	P54304U	U00JXP9	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS		
					RELEASE NO.	DATE	PART NO.	SHEET
					P52778H	20JUN00	AE08-52371	03

Figure 69 Warning Lights Controlled by Engine, Transmission, ABS Controller

ENGINE OIL PRESSURE AND TEMP, SPEEDOMETER, TACH, VOLTMETER AND  
WATER TEMP GAUGE CIRCUITS, P. 4

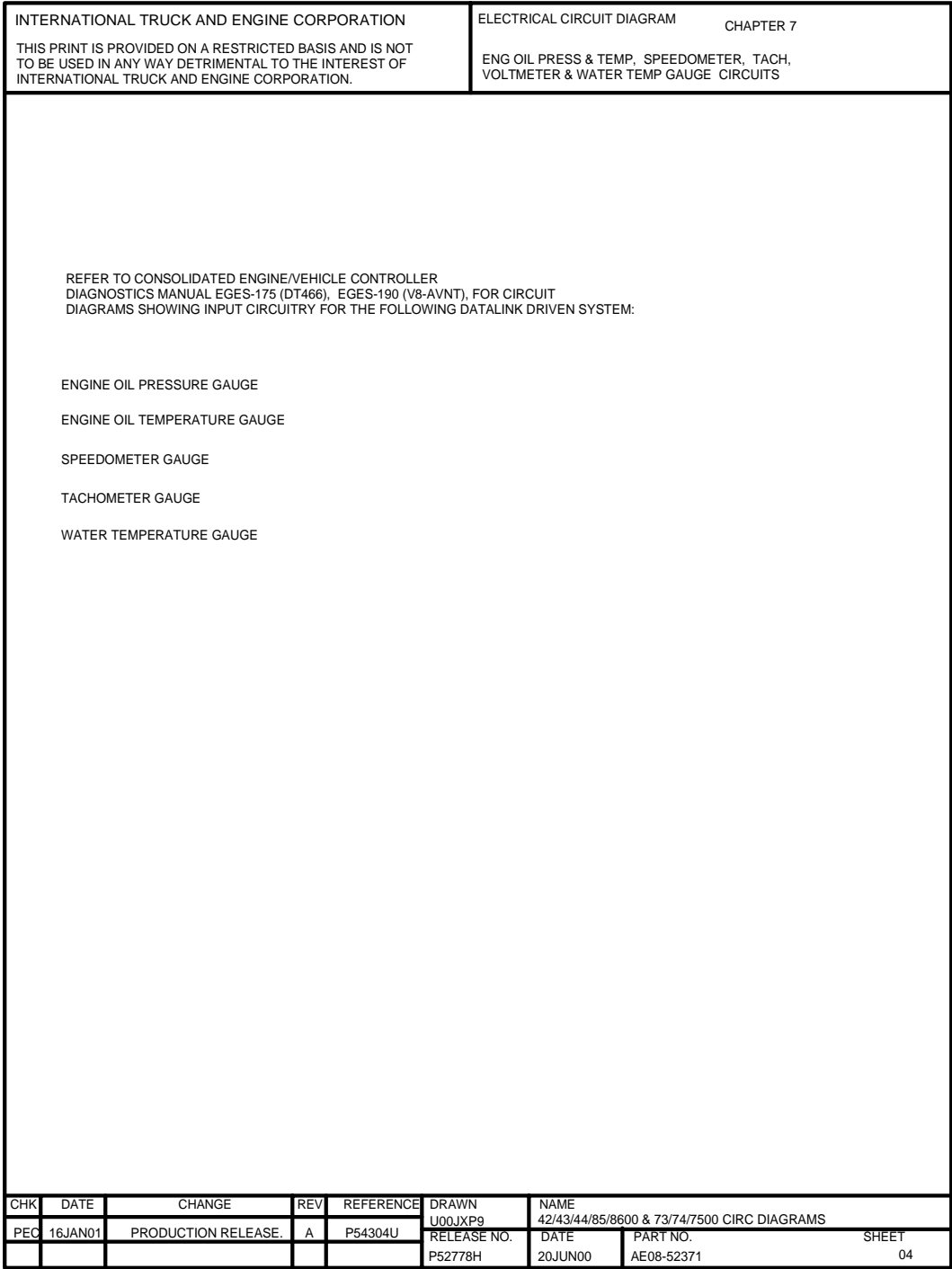


Figure 70 Engine Oil Pressure and Temp, Speedometer, Tach, Voltmeter and Water Temp Gauge Circuits

## IP/GAUGES AND WARNING LIGHTS — GAUGE CLUSTER, P. 5

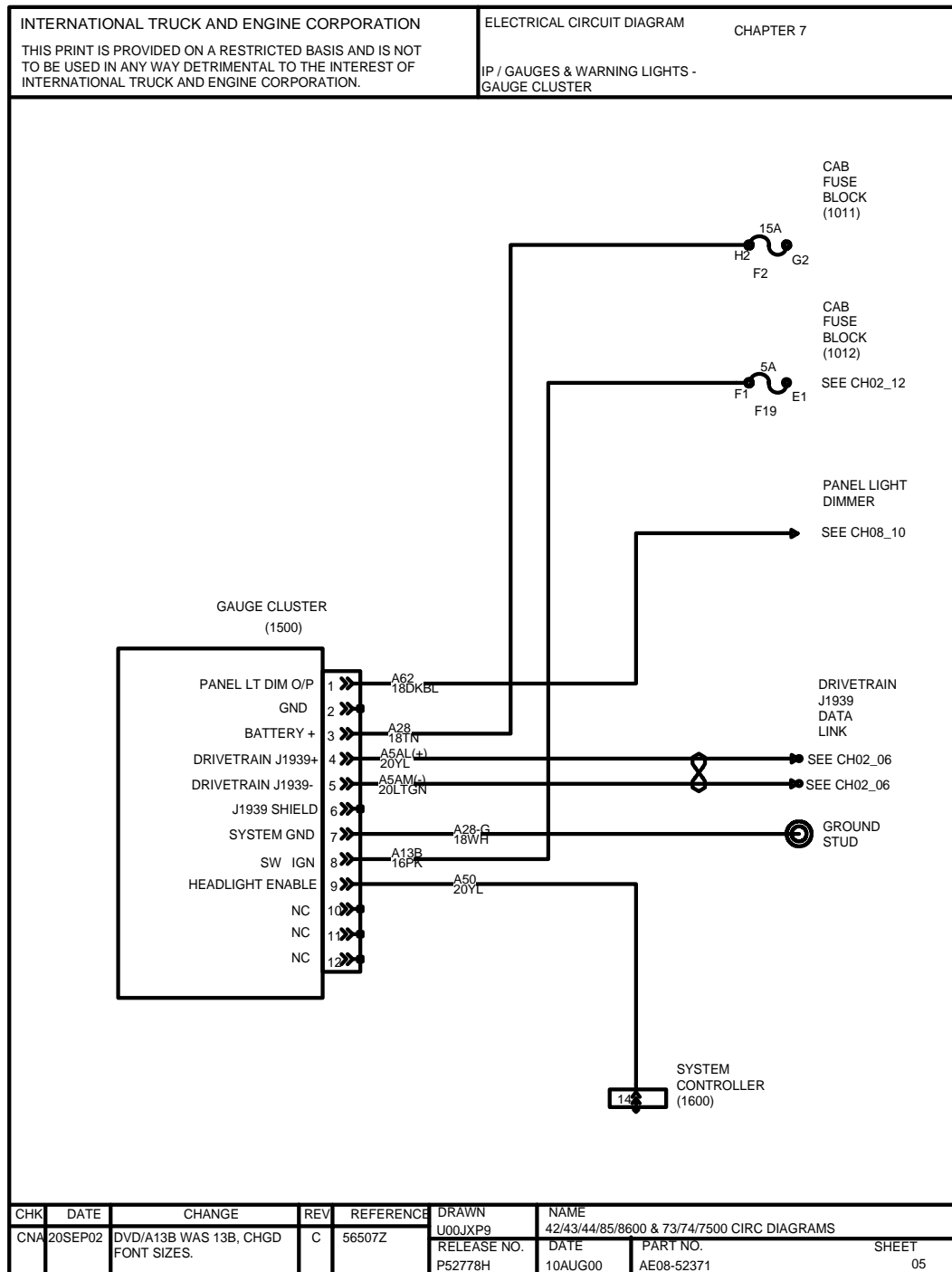


Figure 71 IP/Gauges and Warning Lights — Gauge Cluster

AIR PRESSURE INPUT CIRCUIT, P. 6

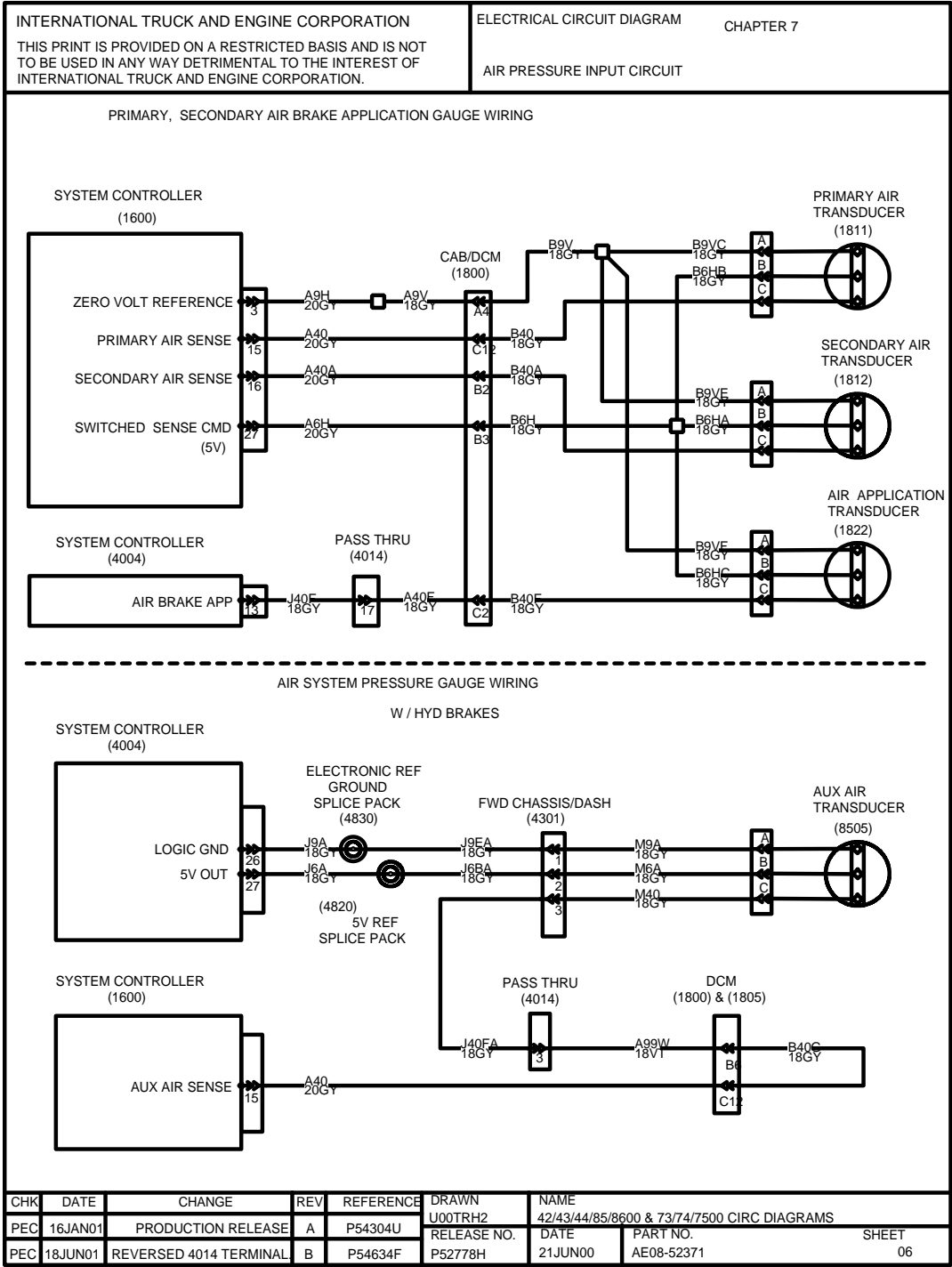


Figure 72 Air Pressure Input Circuit

# AXLE TEMPERATURE, FWD REAR AND REAR AXLES, GAUGE INPUT CIRCUIT, P. 7

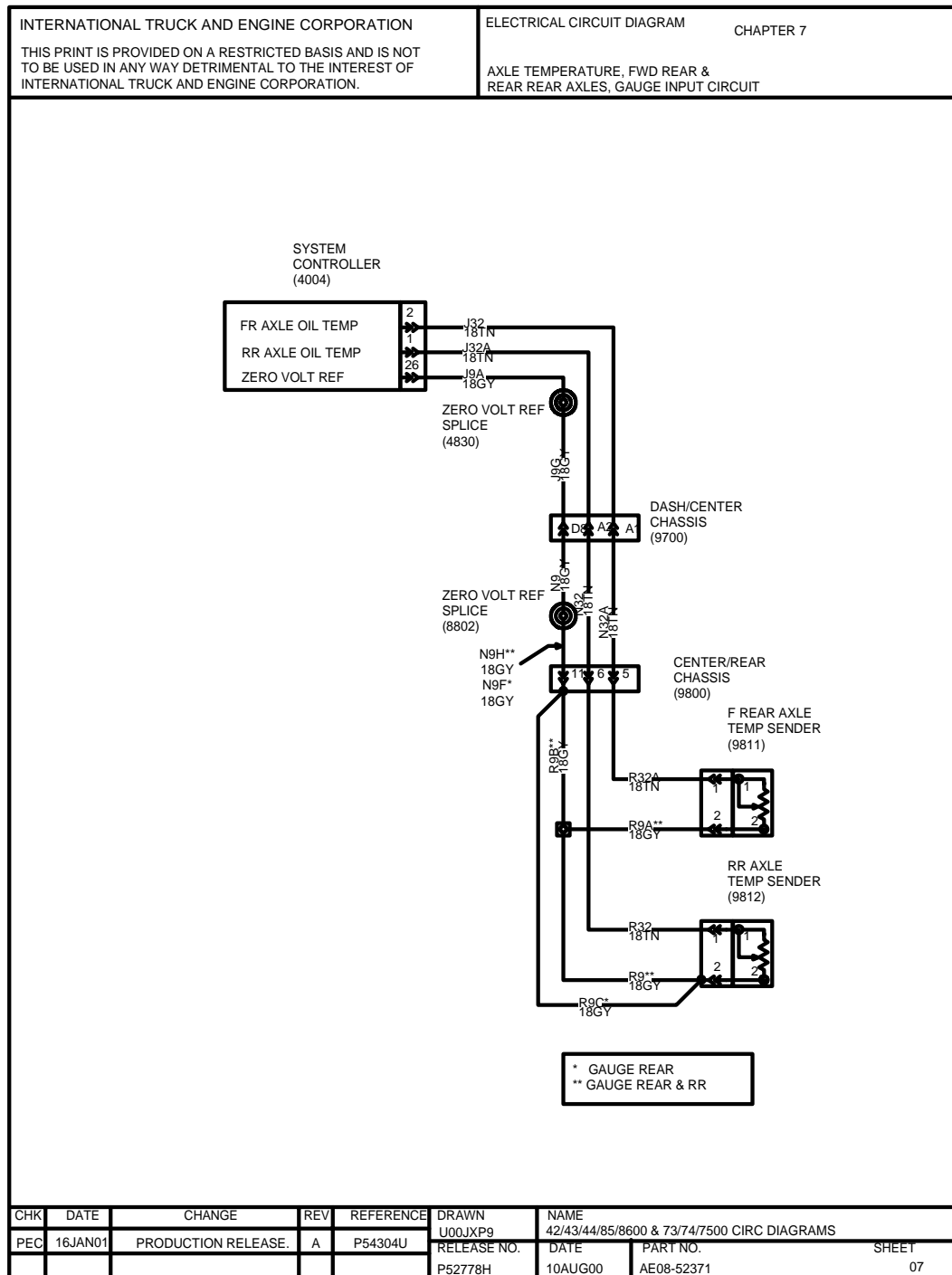


Figure 73 Axle Temperature, FWD Rear and Rear Axles, Gauge Input Circuit

FUEL GAUGE INPUT CIRCUIT (SINGLE TANK) DIFFERENTIAL LOCK WARNING LAMPS, P. 8

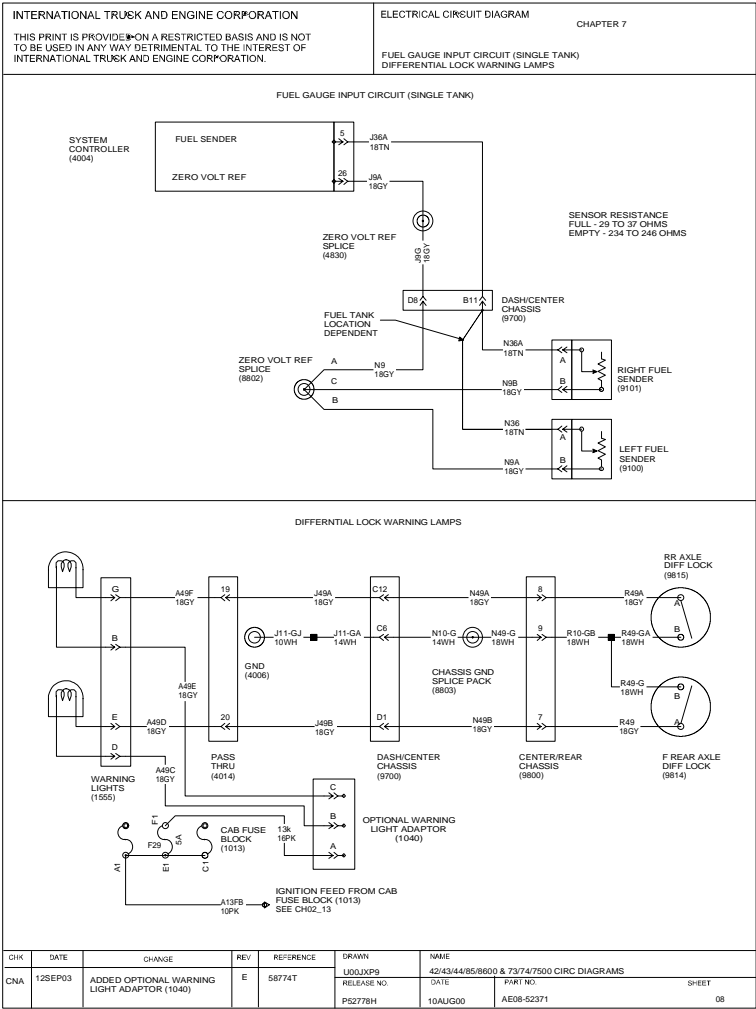


Figure 74 Fuel Gauge Input Circuit (Single Tank) Differential Lock Warning Lamps



# GAUGES AND WARNING LIGHTS — FUEL FILTER RESTRICTION AND WATER IN FUEL LIGHTS, P. 9

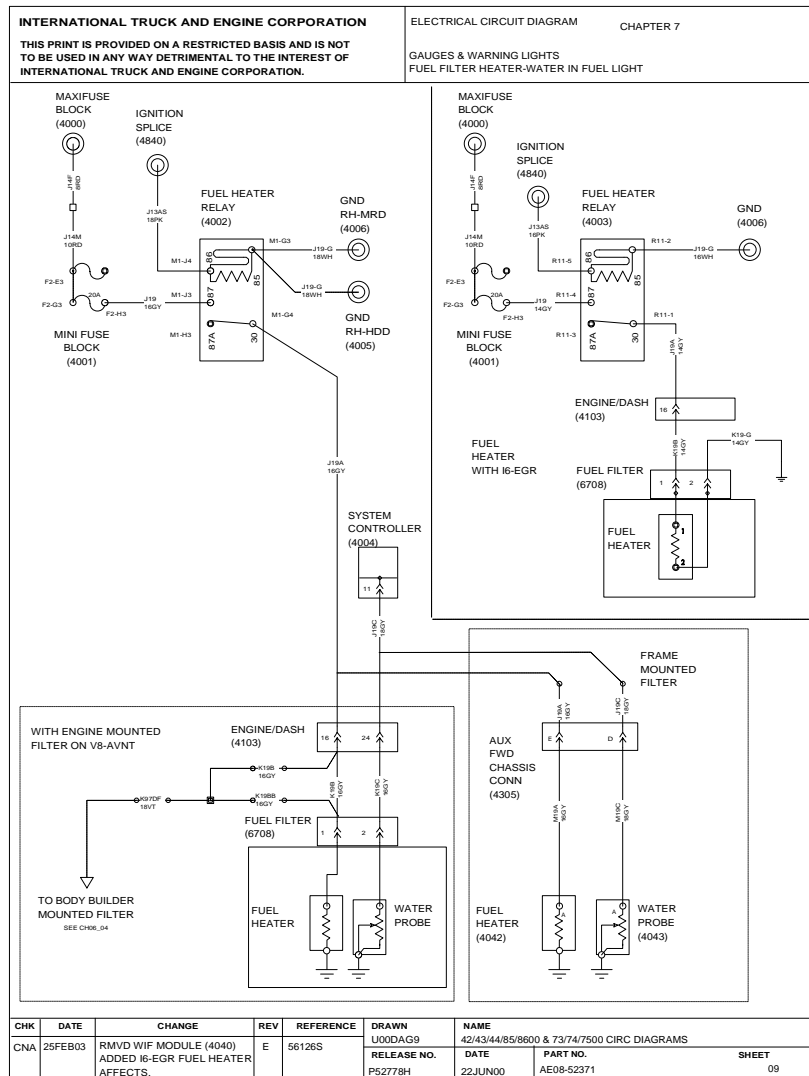
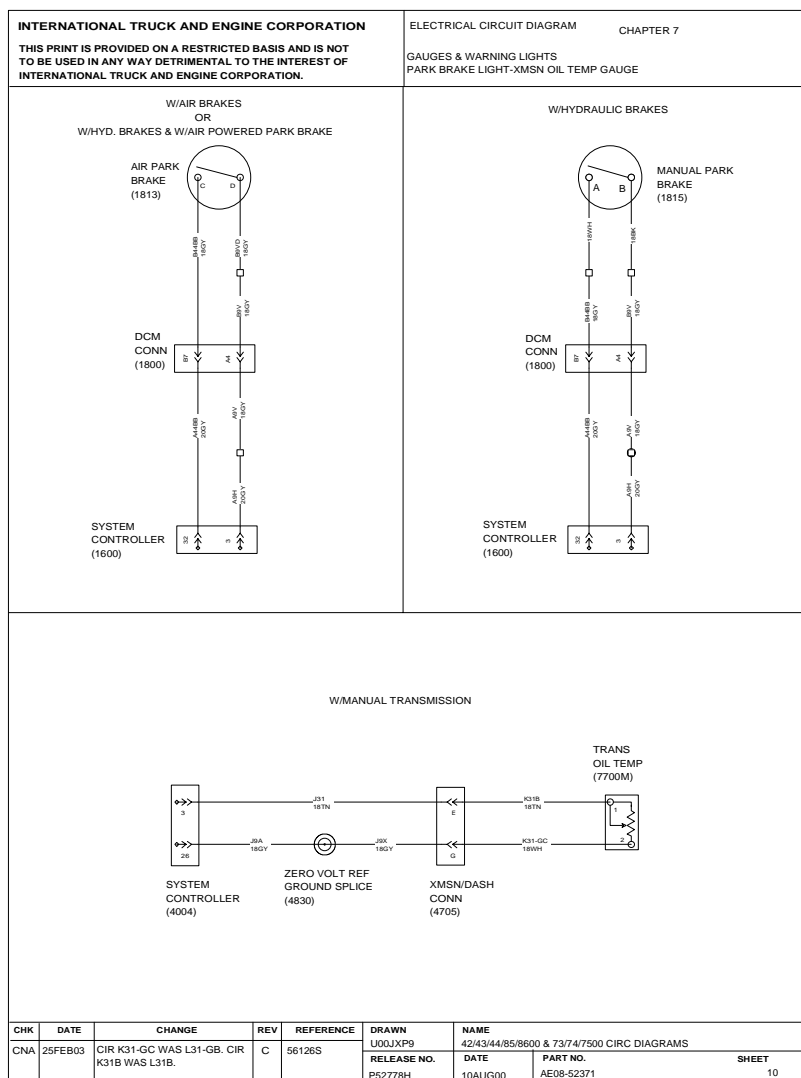


Figure 75 Gauges and Warning Lights — Fuel Filter Restriction and Water in Fuel Lights

## GAUGES AND WARNING LIGHTS — PARK BRAKE LIGHT AND TRANSMISSION OIL TEMP. GAUGE, P. 10



**Figure 76 Gauges and Warning Lights — Park Brake Light and Transmission Oil Temp. Gauge**

## GAUGES AND WARNING LIGHTS — AMMETER, P. 11

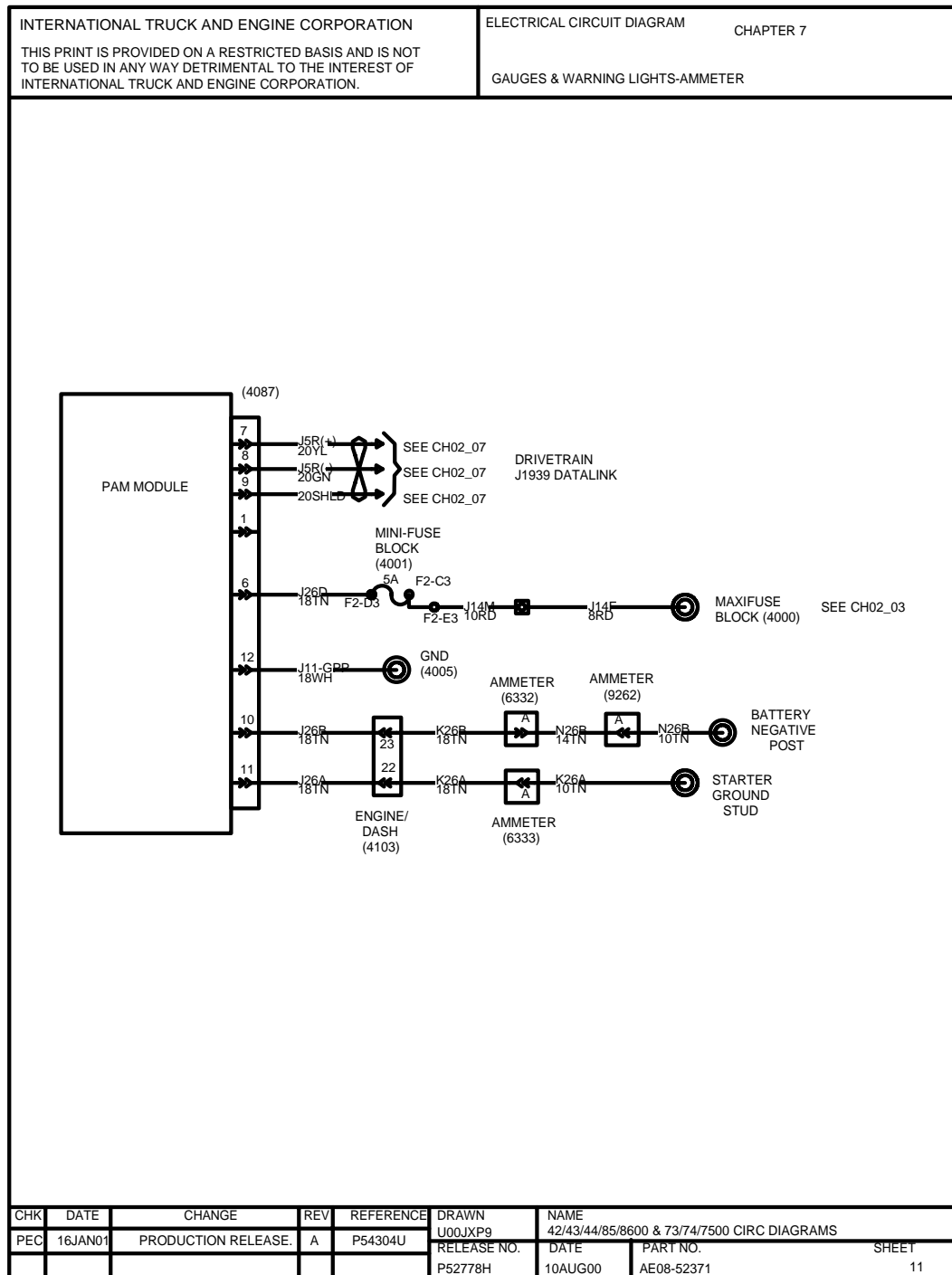
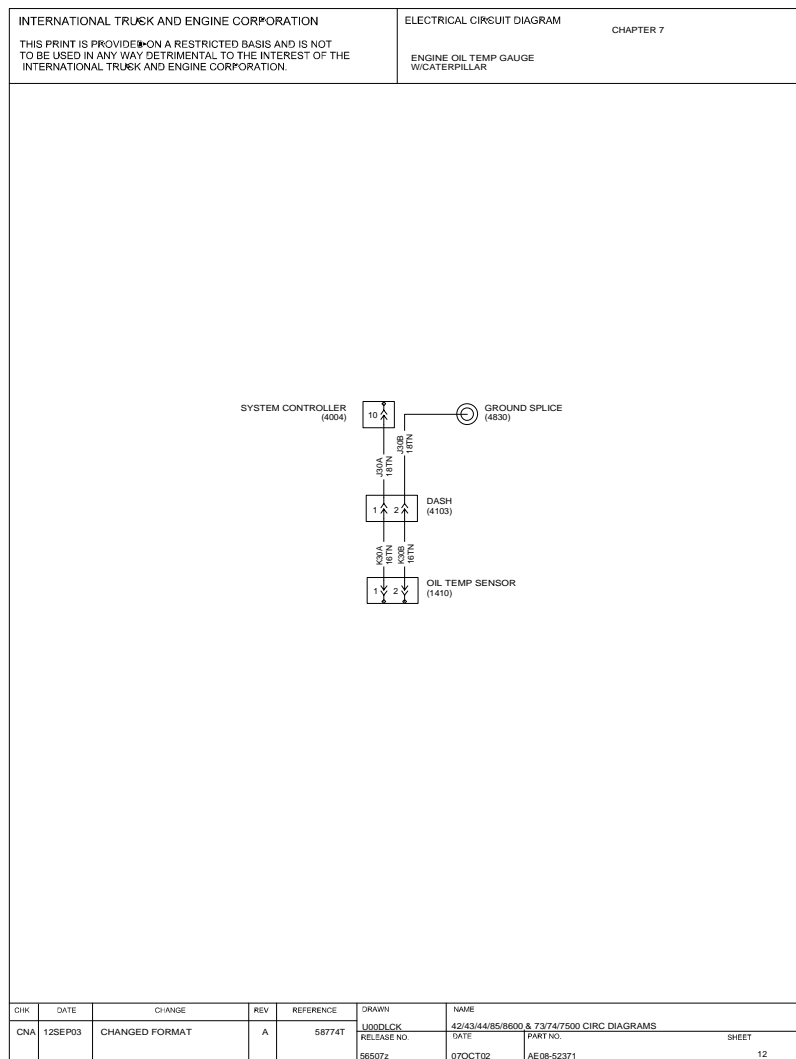


Figure 77 Gauges and Warning Lights — Ammeter

## ENGINE OIL TEMPERATURE GAUGE WITH CATERPILLAR, P. 12



### Figure 78 Engine Oil Temperature Gauge With Caterpillar

FRONT AXLE ENGAGEMENT LAMP, P. 13

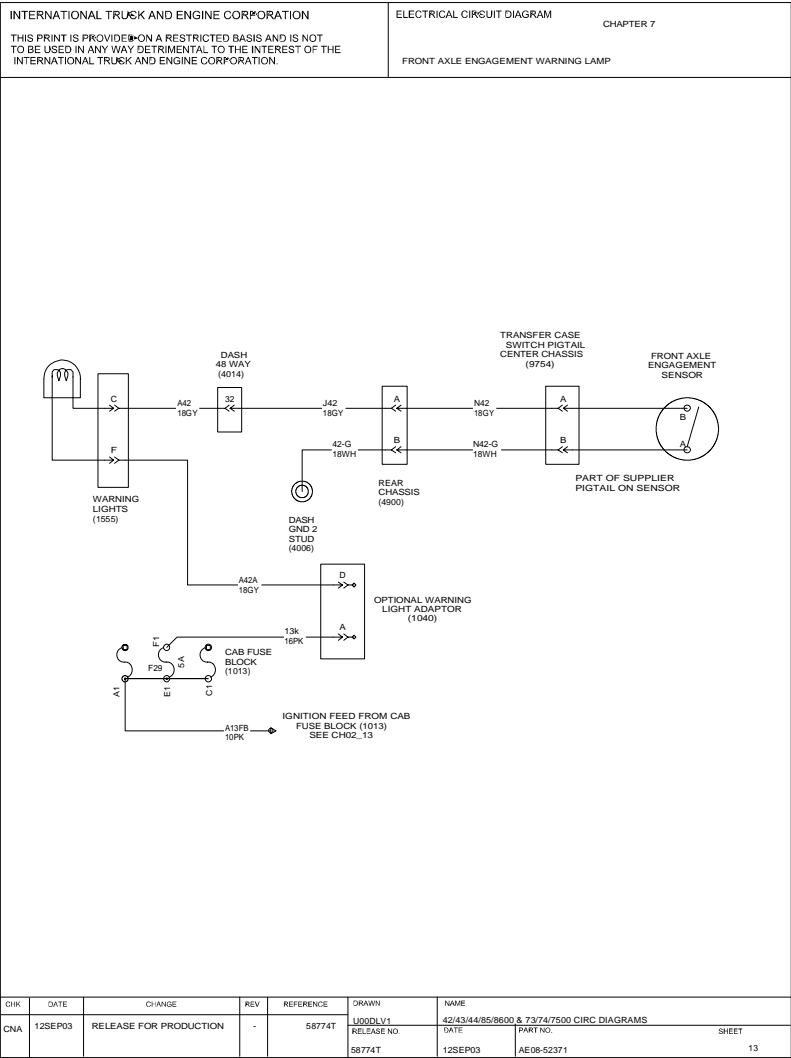


Figure 79 Front Axle Engagement Lamp

## BACK UP LIGHTS, P. 1



## LIGHT SYSTEMS — CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LAMPS, P. 2

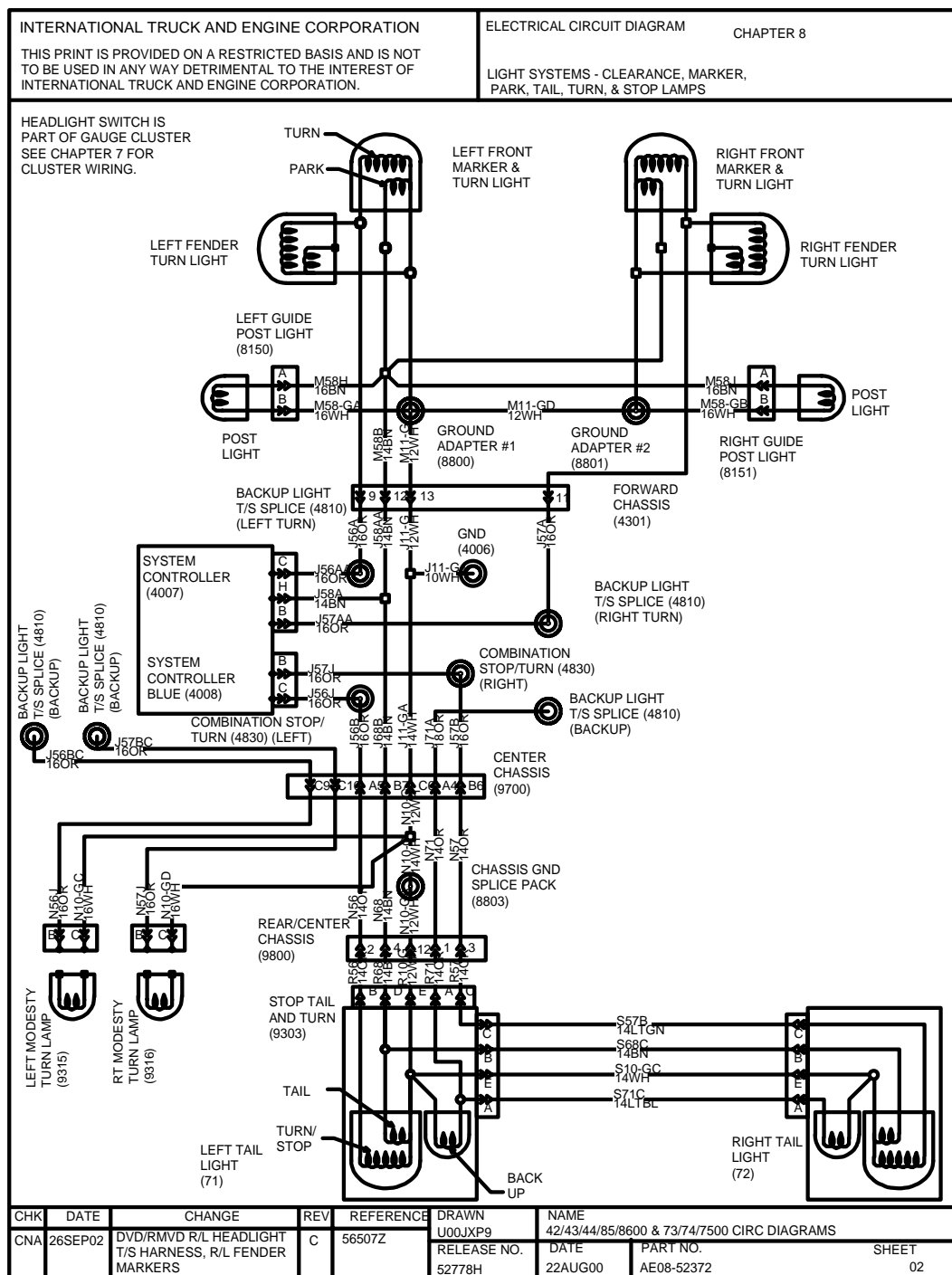


Figure 81 Light Systems — Clearance, Marker, Park, Tail, Turn and Stop Lamps

LIGHT SYSTEMS — CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LAMPS  
(CONT.), P. 3

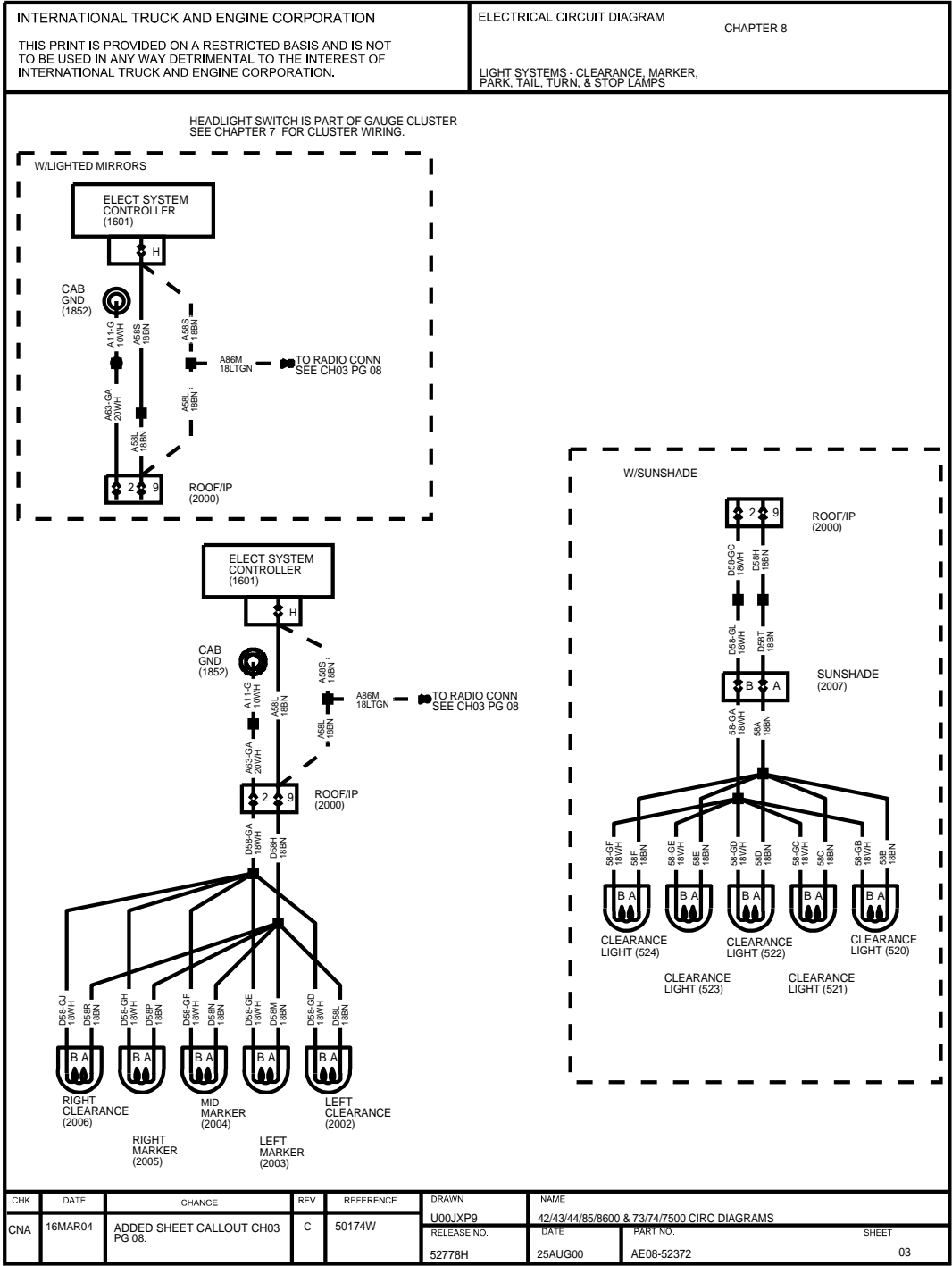


Figure 82 Light Systems — Clearance, Marker, Park, Tail, Turn and Stop Lamps (Cont.)



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 8

LIGHT SYSTEMS - TURN SIGNAL & STOP SWITCHES

**LEFT TURN** **RIGHT TURN** **HAZARD**

**TURN SIGNAL SWITCH (1810)**

**STOP LIGHT (1814)**

**STOP LIGHT #1 (1823)**

**STOP LIGHT #2 (1824)**

**W/AIR BRAKES**

**W/HYD BRAKES**

**DCM CONN (1800)**

**SYSTEM CONTROLLER (1600)**

**NOTE:**

ONLY ONE STOP LIGHT SWITCH USED W/AIR BRAKES, W/TRACTOR

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
PEC	16JAN01	PRODUCTION RELEASE.	A	P54304U	U00JXP9	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS
					RELEASE NO.	DATE
					P52778H	10AUG00
						PART NO.
						AE08-52372
						SHEET
						04

### Figure 83 Light Systems — Turn Signal and Stop Switches

DOME LIGHT, MAP LIGHT, P. 5

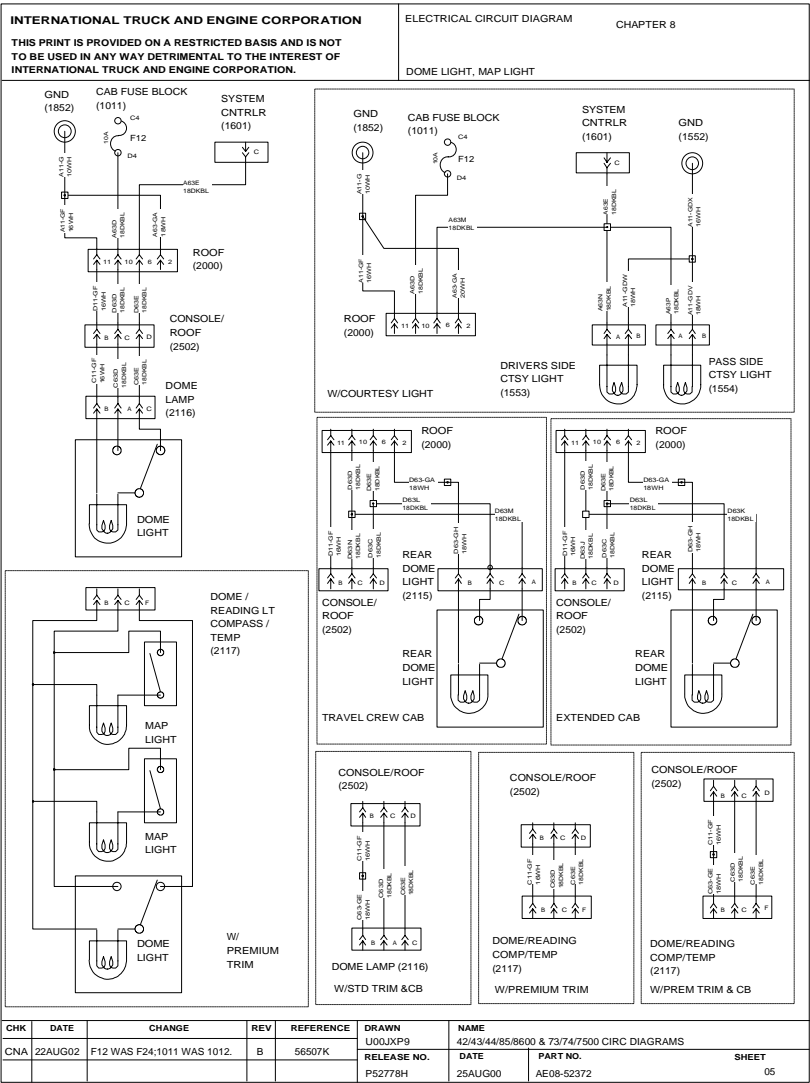


Figure 84 Dome Light, Map Light

# DOME LIGHT, MAP LIGHT (CONT.), P. 6

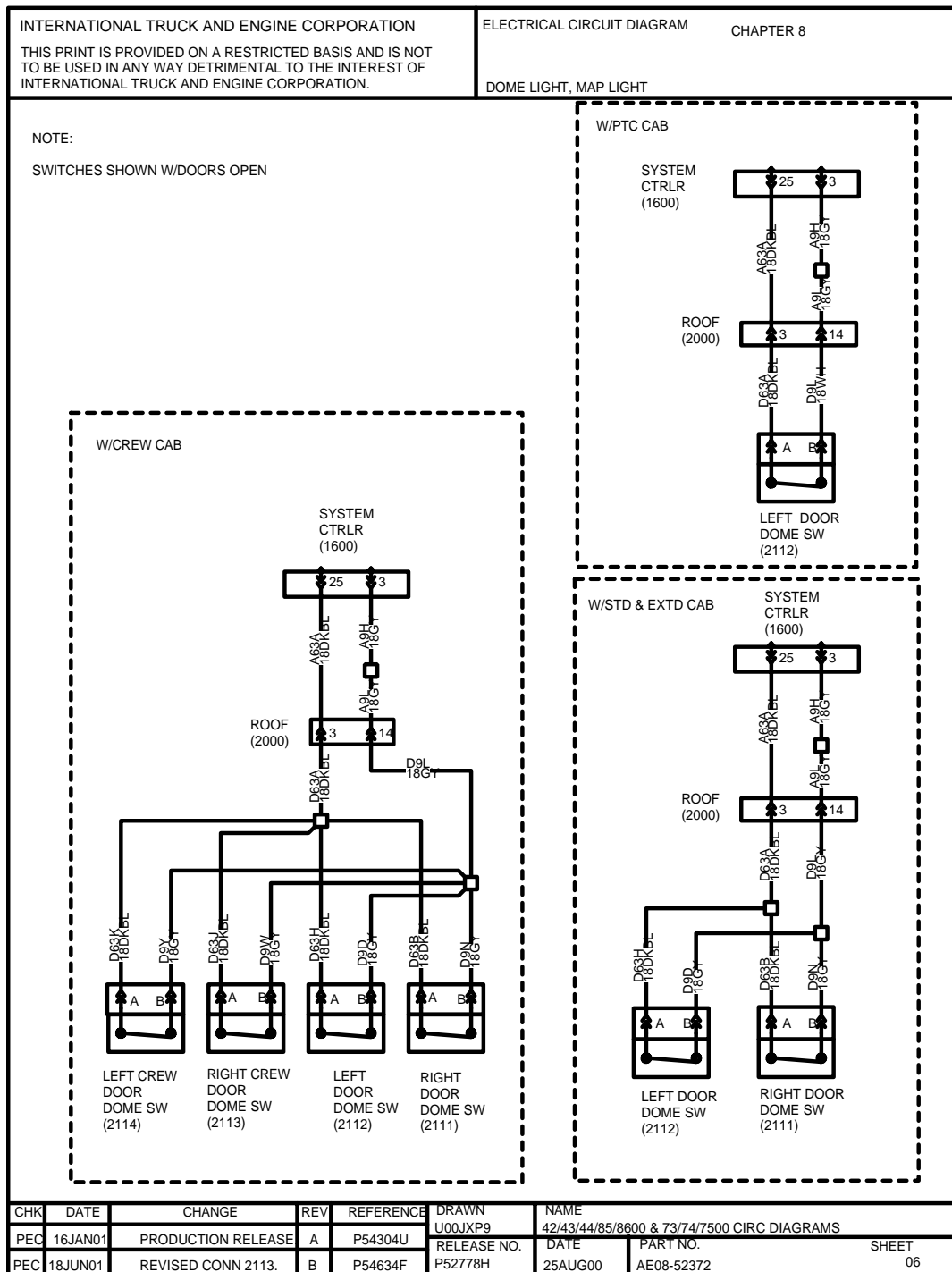


Figure 85 Dome Light, Map Light (Cont.)

FOG LIGHT AND WORK LIGHT, P. 7

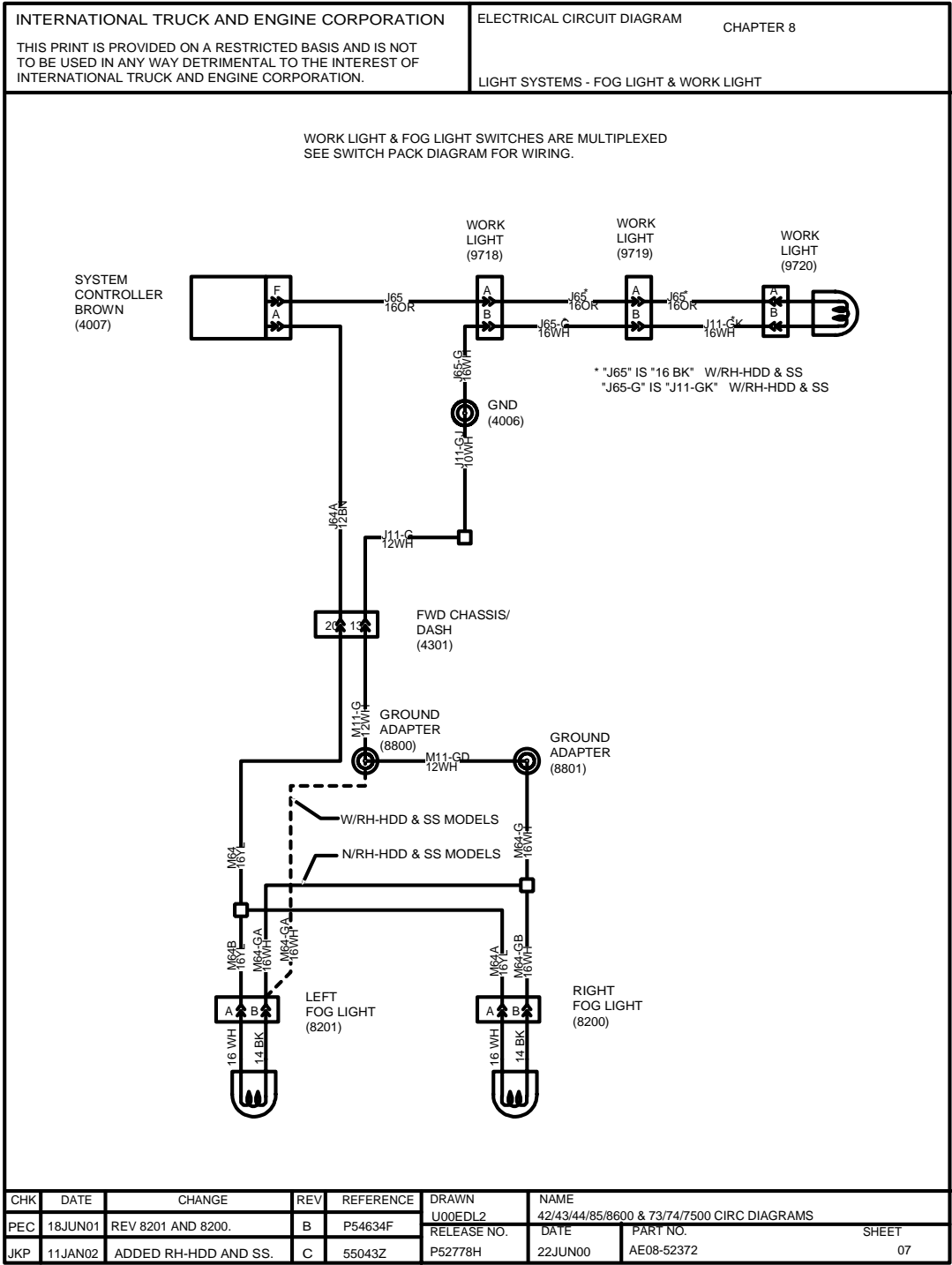


Figure 86 Fog Light and Work Light

## HEADLIGHTS, P. 8

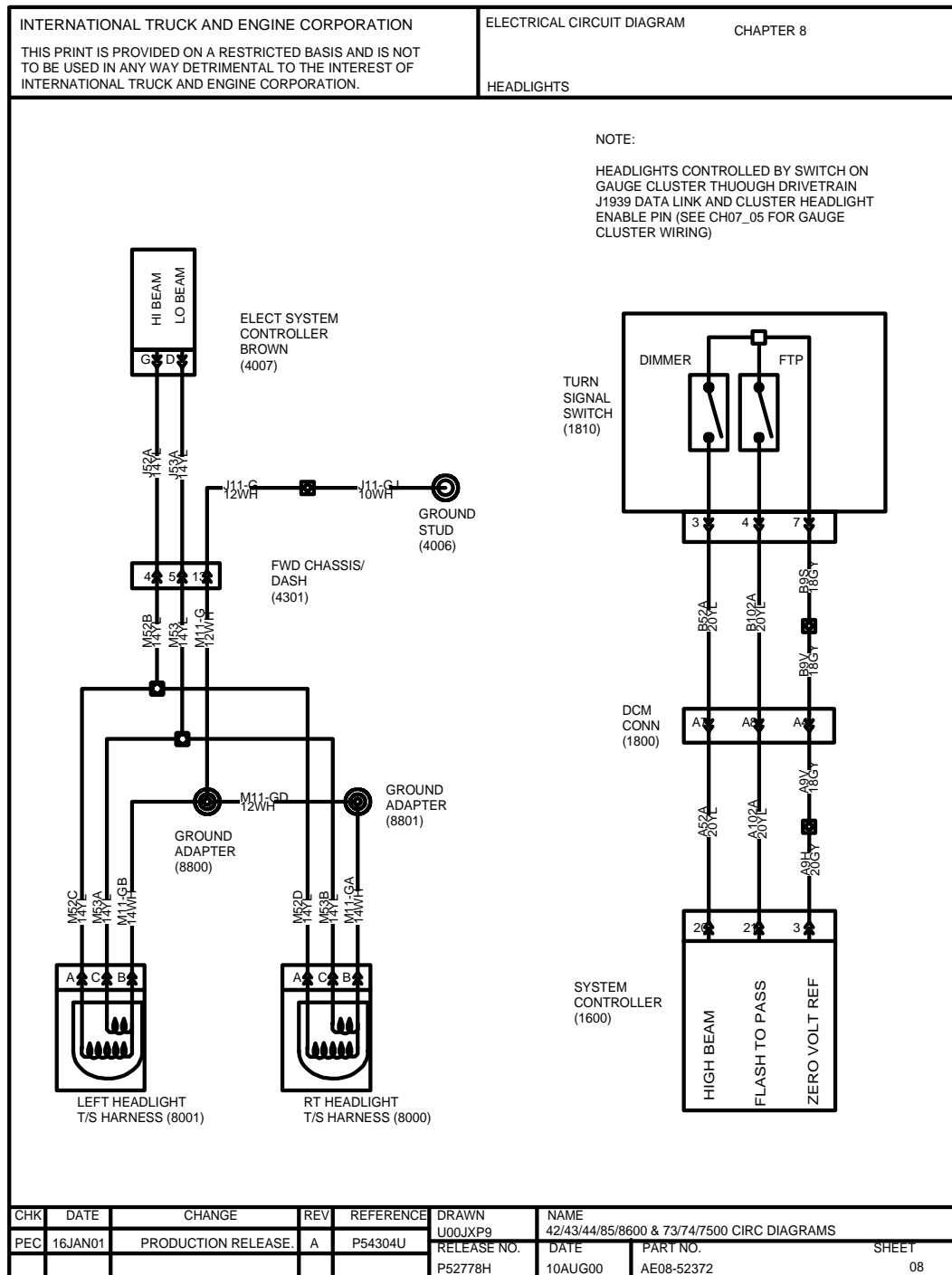


Figure 87 Headlights

AUX. HEADLIGHTS, AUX. PARK, AUX TURN, P. 9

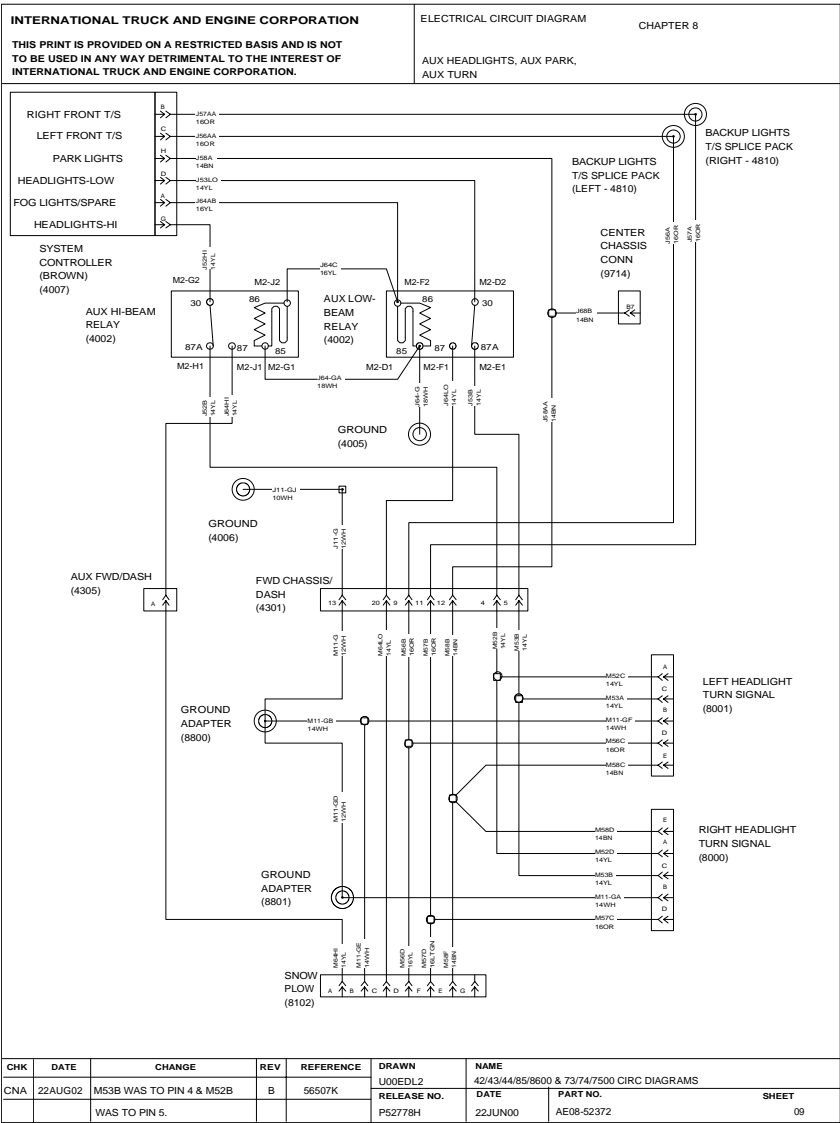


Figure 88 Aux. Headlights, Aux. Park, Aux Turn

PANEL LIGHTS, P. 10

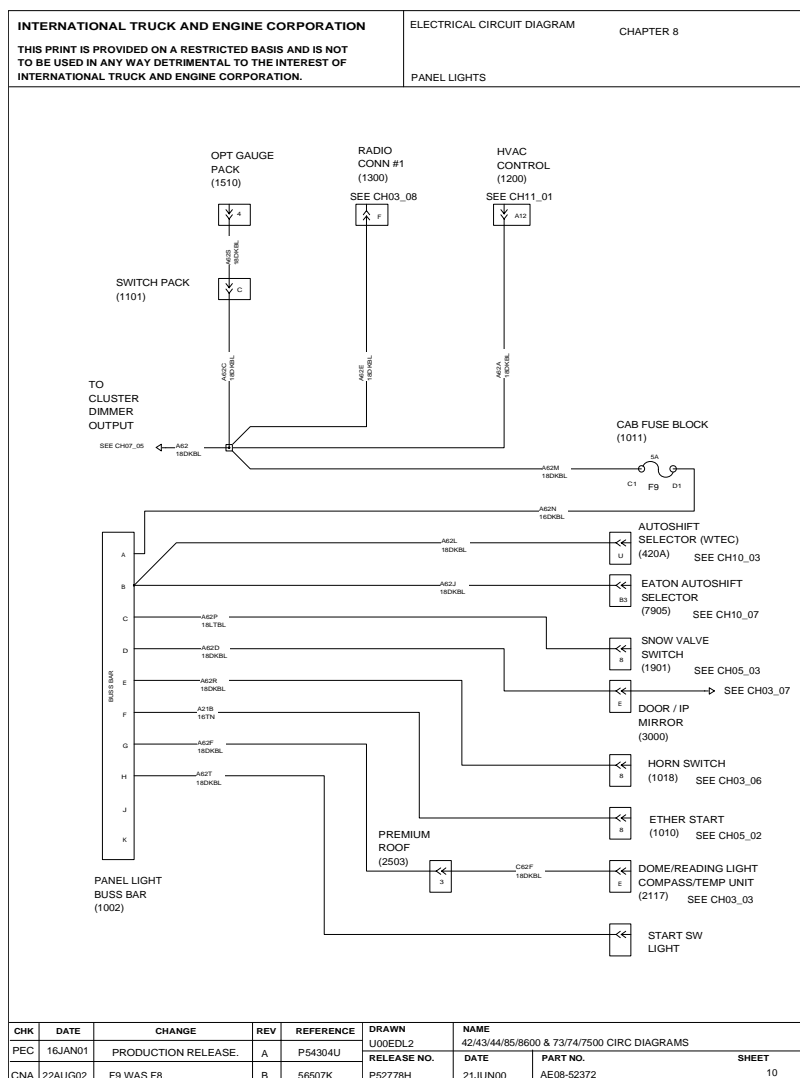


Figure 89 Panel Lights

CHASSIS ACCESSORIES (CHAPTER 9)

AIR DRYER AND HEATED DRAIN VALVE, P. 1

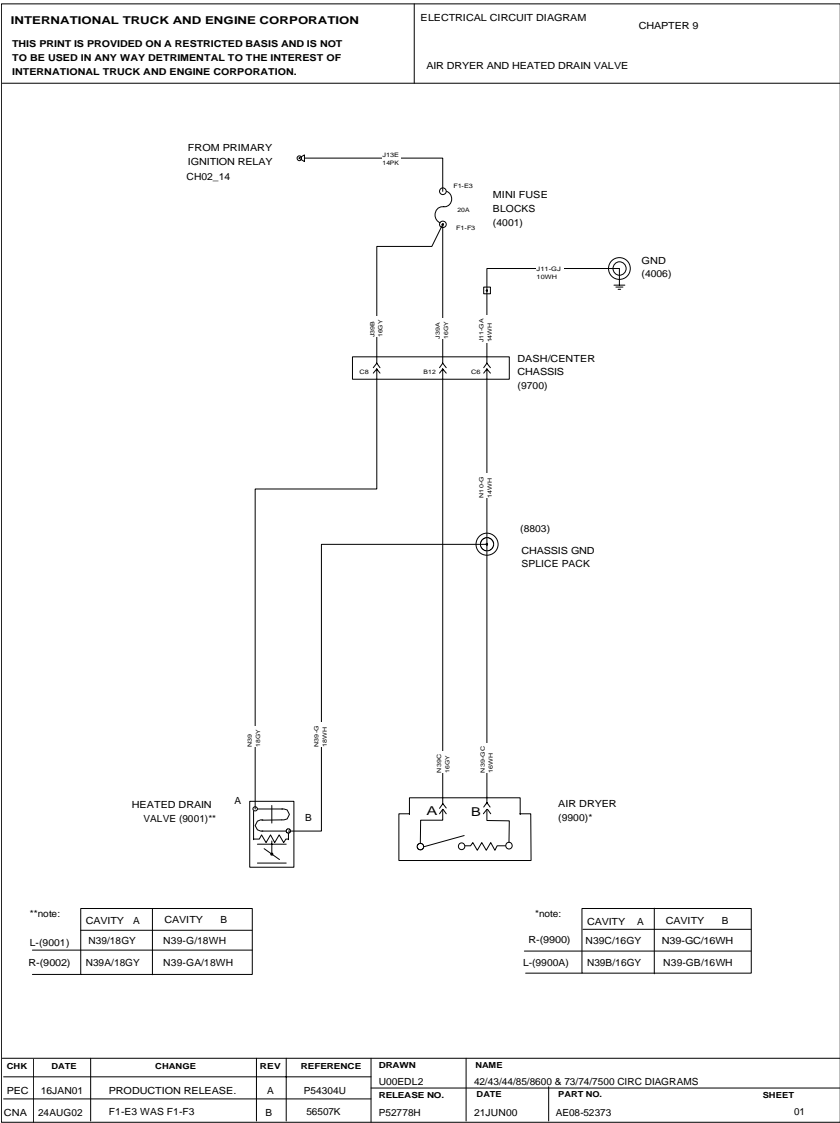


Figure 90 Air Dryer and Heated Drain Valve



## ANTILOCK BRAKE SYSTEM (ABS), AIR, P. 2

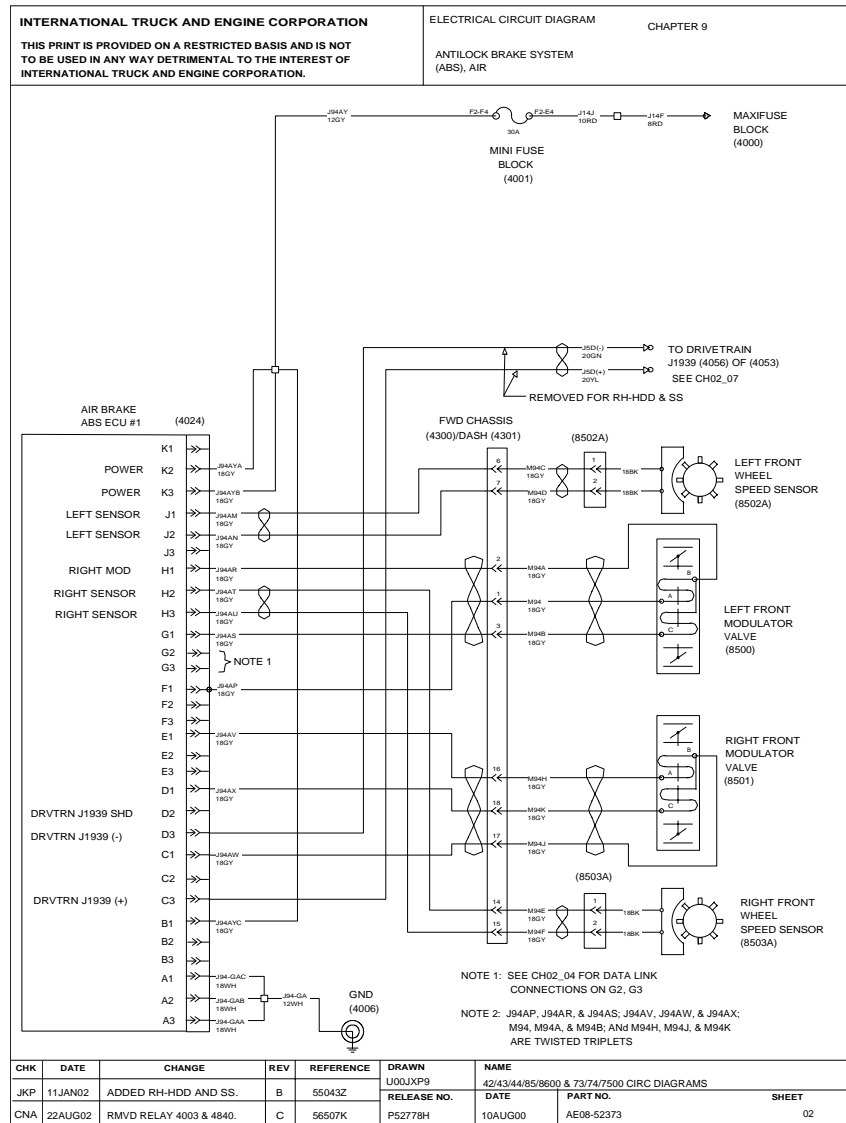


Figure 91 Antilock Brake System (ABS), Air

ANTILOCK BRAKE SYSTEM (ABS), AIR, TRACTION CONTROL, P. 3

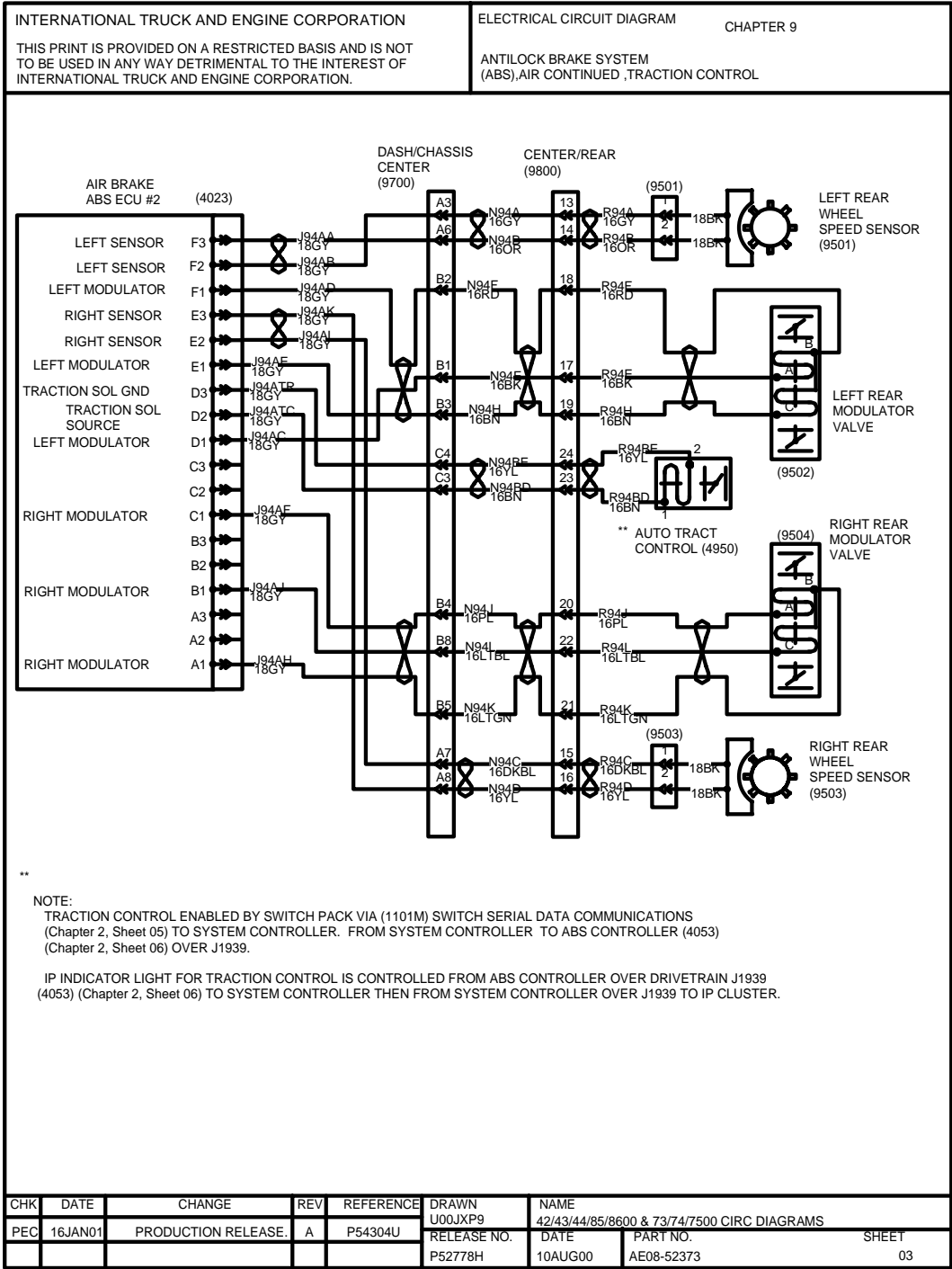


Figure 92 Antilock Brake System (ABS), Air, Traction Control

# ANTILOCK BRAKE SYSTEM (ABS), HYDRAULIC, P. 4

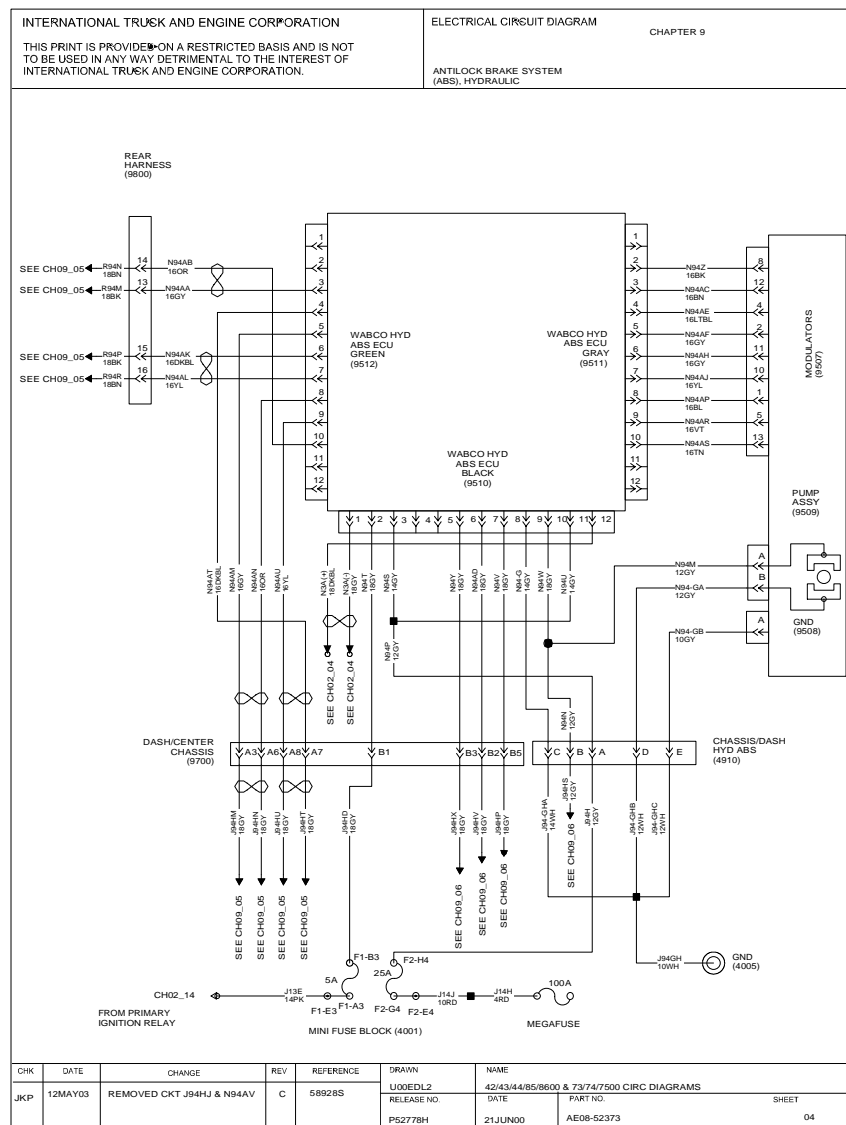


Figure 93 Antilock Brake System (ABS), Hydraulic

ANTILOCK BRAKE SYSTEM (ABS), HYDRAULIC (CONT.), P. 5

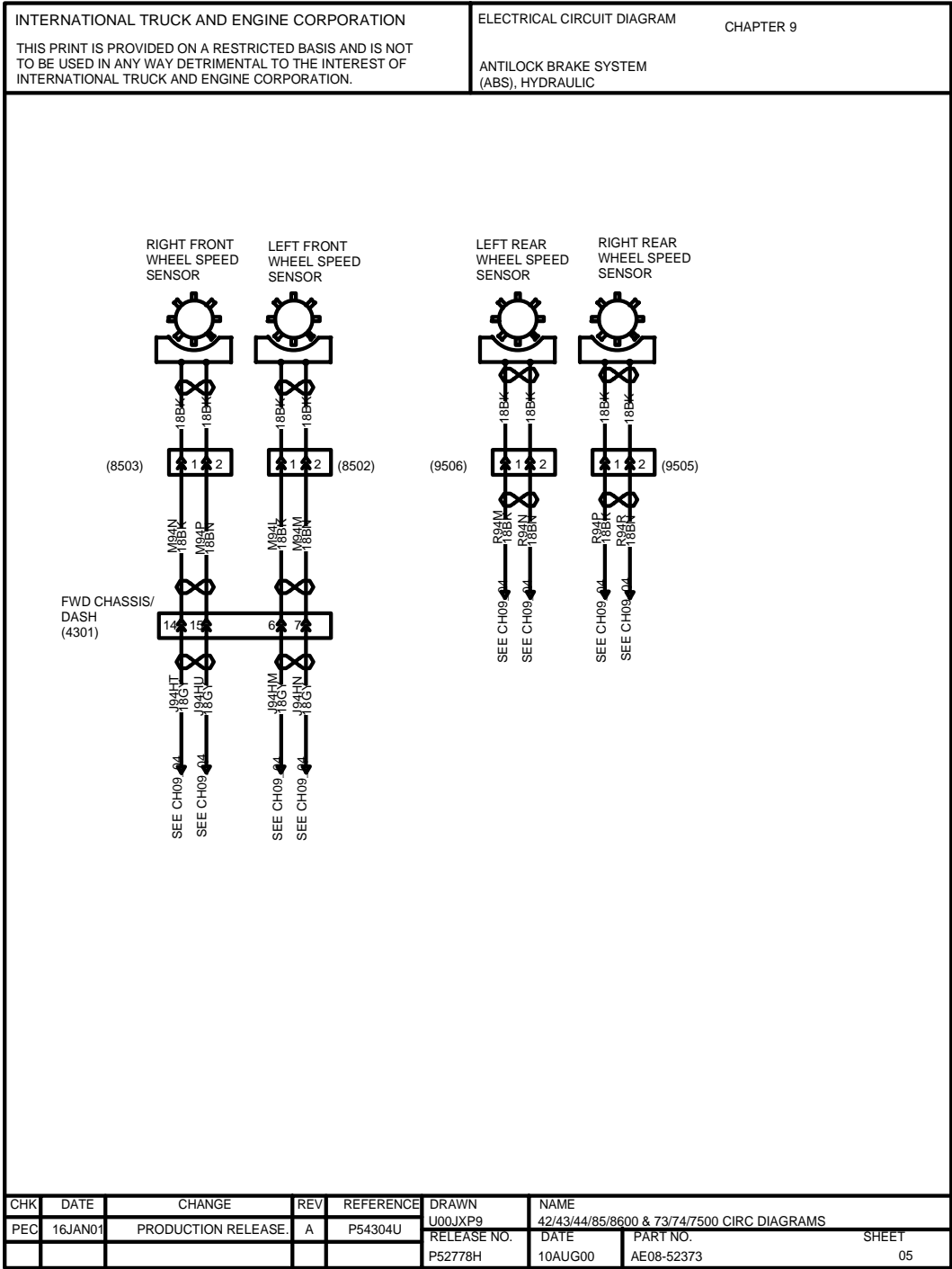
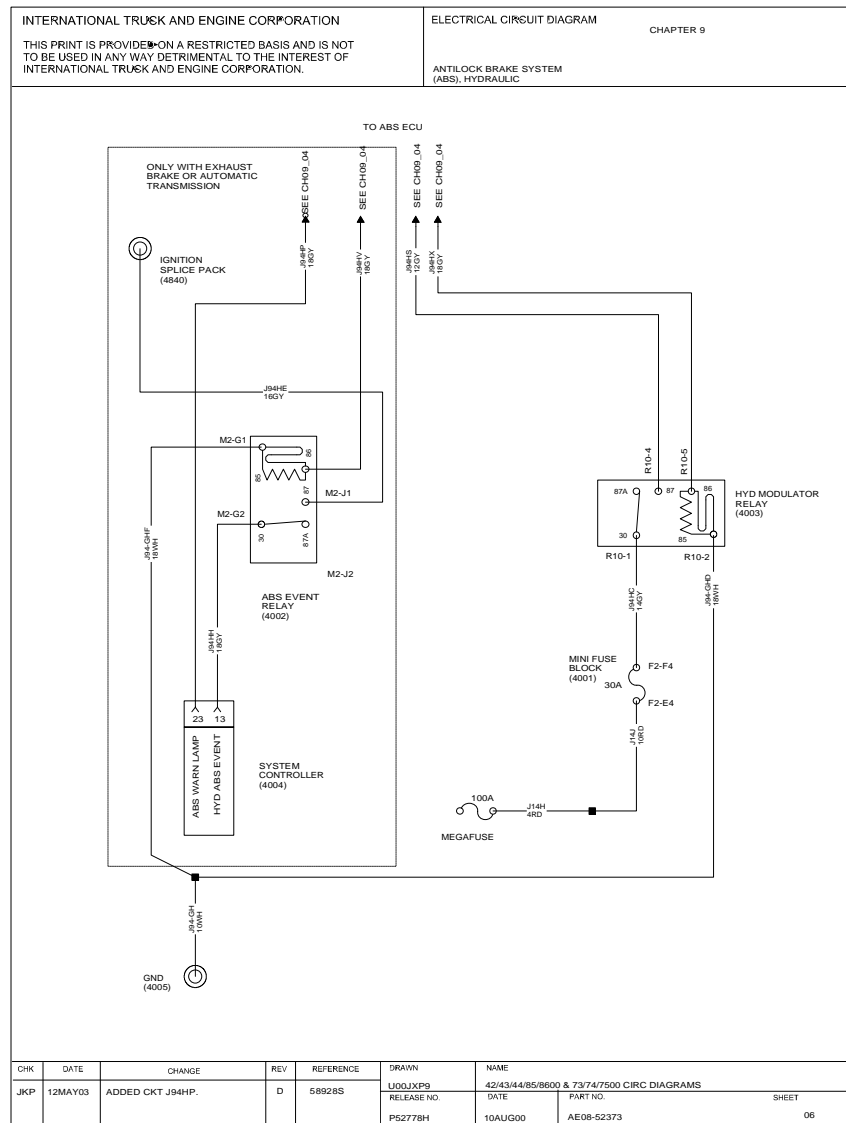


Figure 94 Antilock Brake System (ABS), Hydraulic (Cont.)

## ANTILOCK BRAKE SYSTEM (ABS), HYDRAULIC (CONT.), P. 6



### Figure 95 Antilock Brake System (ABS), Hydraulic (Cont.)

TWO SPEED AXLE SWITCH WITH MANUAL TRANSMISSION AND I6 HEUI FUEL  
HEATER N/WARN LIGHTS, P. 7

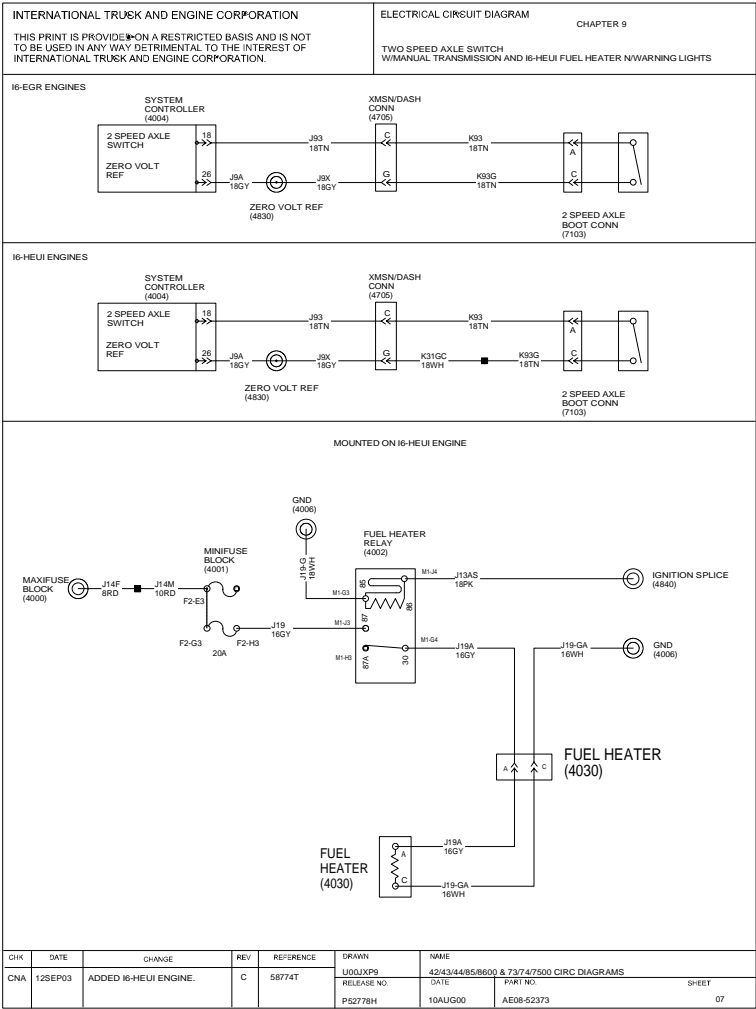


Figure 96 Two Speed Axle Switch With Manual Transmission and I6 HEUI Fuel Heater N/Warn Lights

### Figure 97 Brake System, Hydraulic



FUEL TRANSFER PUMP, P. 9

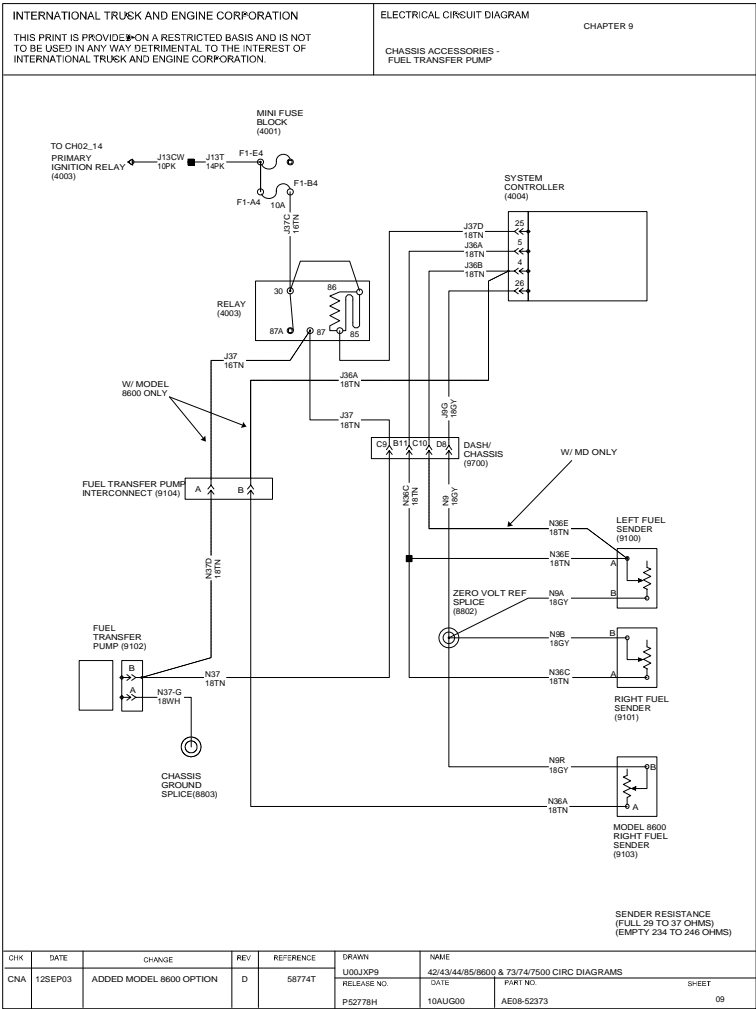


Figure 98 Fuel Transfer Pump



BACK OF CAB BODY BUILDER AND TRAILER STOP, TAIL, MARKER, P. 10

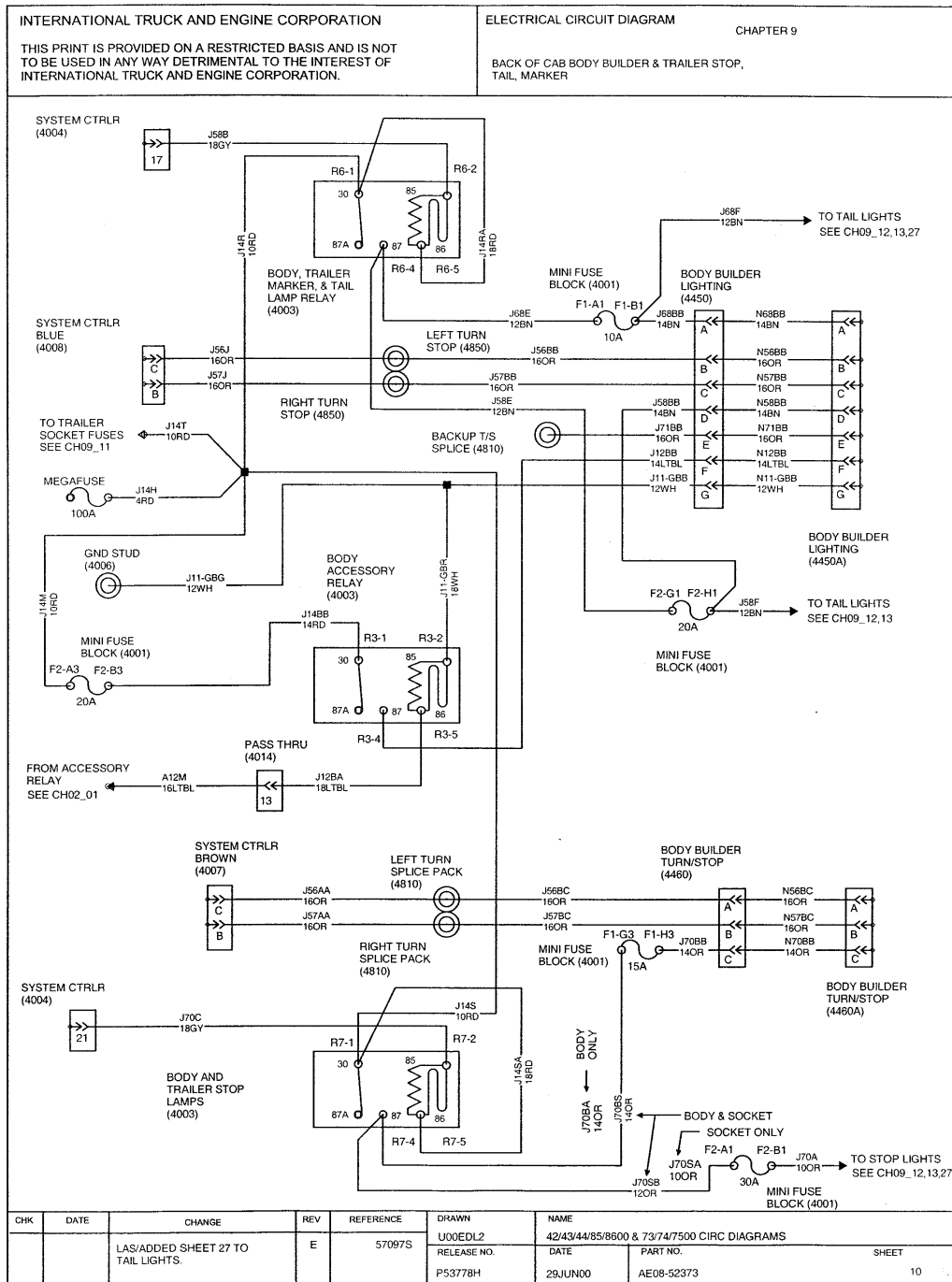
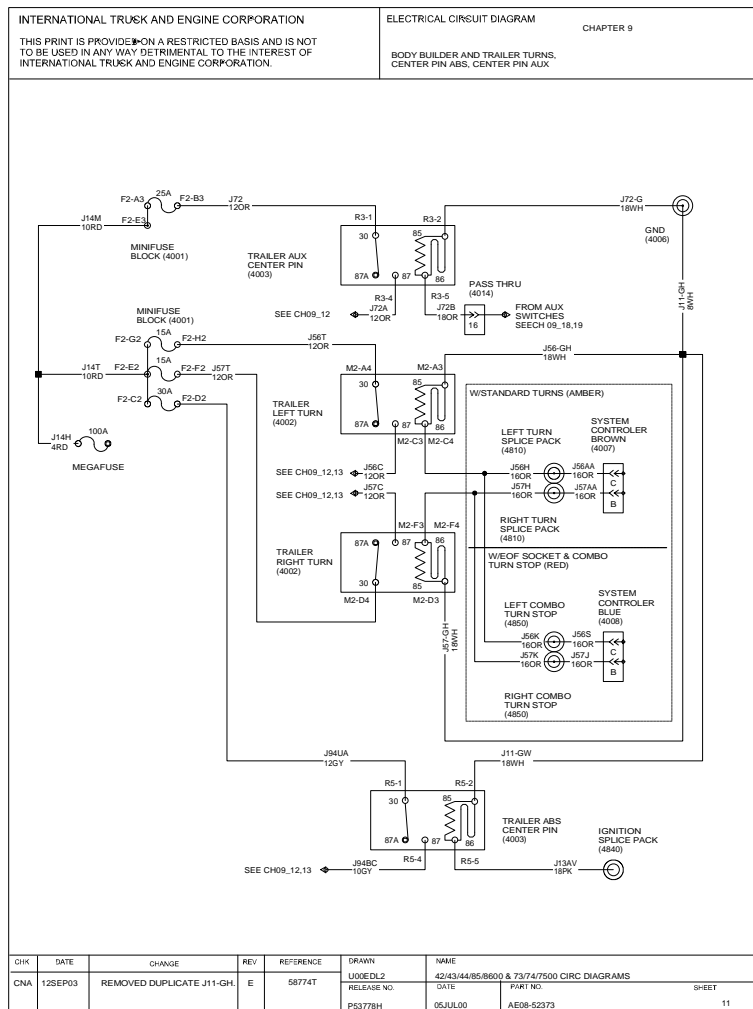


Figure 99 Back of Cab Body Builder and Trailer Stop, Tail, Marker

**BODY BUILDER AND TRAILER TURNS, CENTER PIN ABS, CENTER PIN AUX, P. 11**



**Figure 100 Body Builder and Trailer Turns, Center Pin ABS, Center Pin Aux**

# BODY BUILDER AND TRAILER SOCKET BACK OF CAB SOCKETS, P. 12

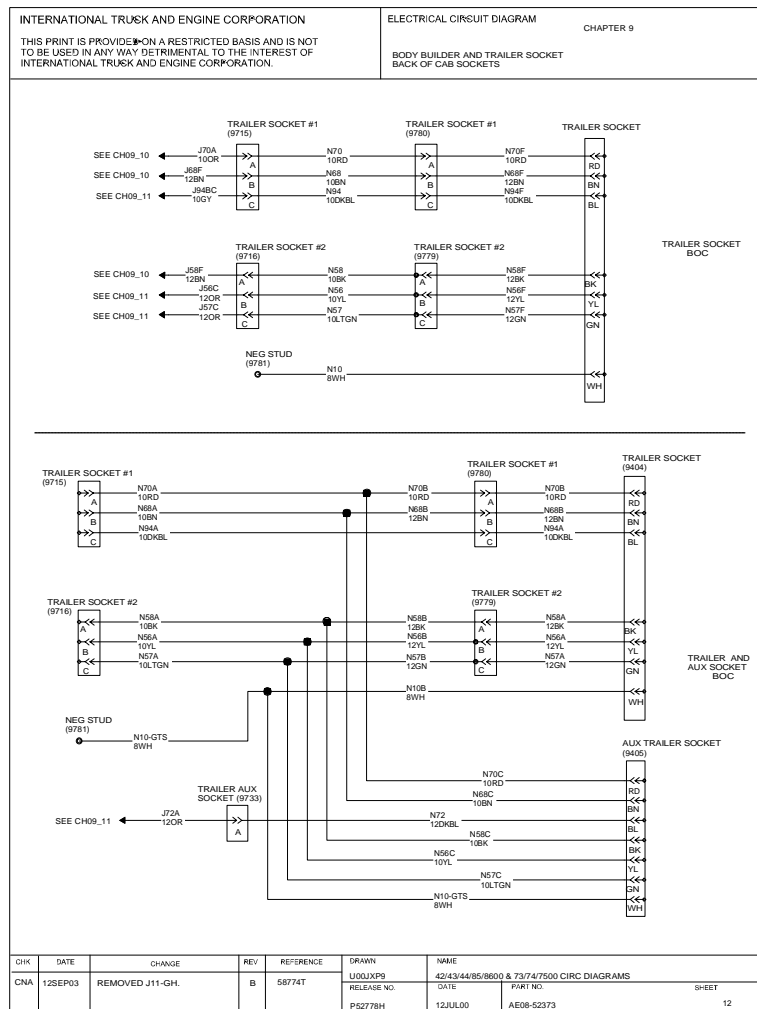
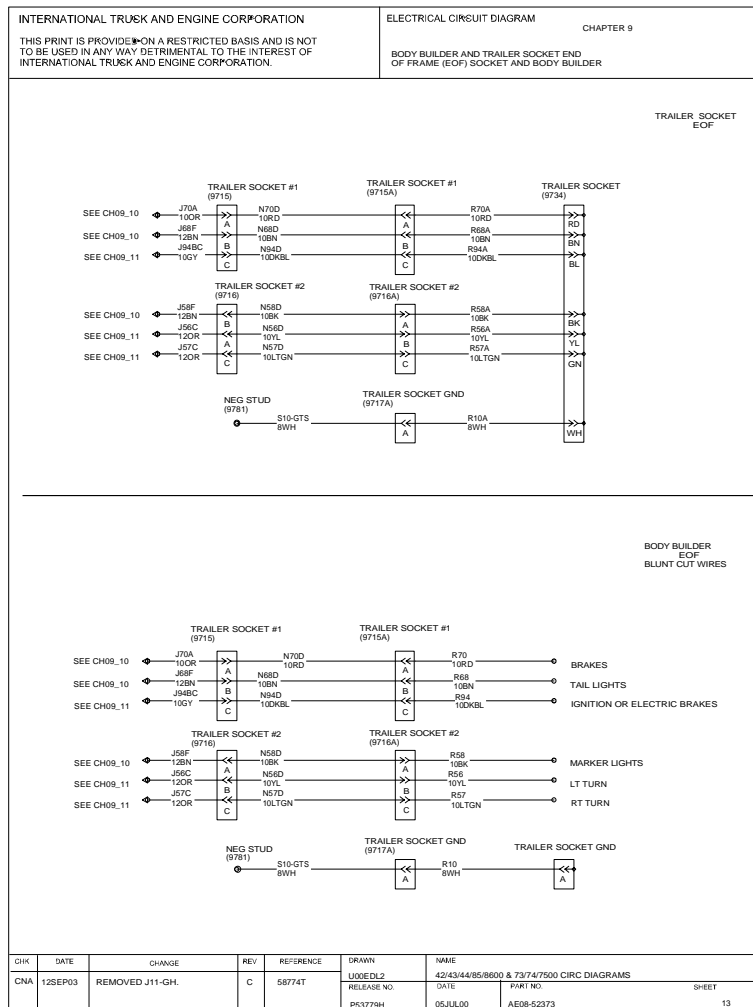


Figure 101 Body Builder and Trailer Socket Back of Cab Sockets

**BODY BUILDER AND TRAILER SOCKET END OF FRAME (EOF) SOCKET AND BODY BUILDER, P. 13**



**Figure 102 Body Builder and Trailer Socket End of Frame (EOF) Socket and Body Builder**

<p>INTERNATIONAL TRUCK AND ENGINE CORPORATION</p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM</p> <p>CHAPTER 9</p> <p>AIR SOLENOID 4-WAY PACK</p>
---	---

AIR SOLENOID 4-PACK (9736)

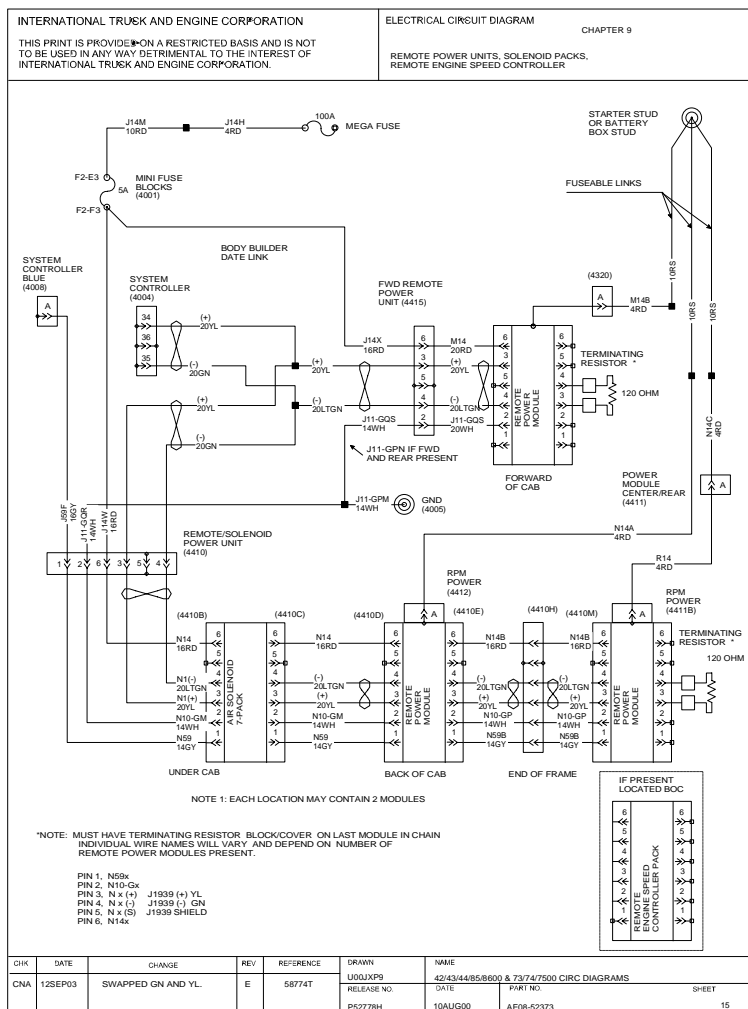
DASH/CENTER CHASSIS (9700)

SYSTEM CONTROLLER (4004)

SOLENOID POWER (4008)

**Figure 103 Air Solenoid 4-Way Pack**

## REMOTE POWER UNITS, SOLENOID PACKS, REMOTE ENGINE SPEED CONTROLLER, P. 15



**Figure 104 Remote Power Units, Solenoid Packs, Remote Engine Speed Controller**

HYD POWER PARK, P. 16

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 9  CHASSIS ACCESSORIES - HYD POWER PARK			
DIAGRAM NOT AVAILABLE							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
PEC	16JAN01	PRODUCTION RELEASE.	A	P54304U	U00EDL2	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS	
					RELEASE NO.	DATE	PART NO.
					P52778H	10JUL00	AE08-52373
							SHEET 16

Figure 105 HYD Power Park

AIR SUSPENSION, P. 17

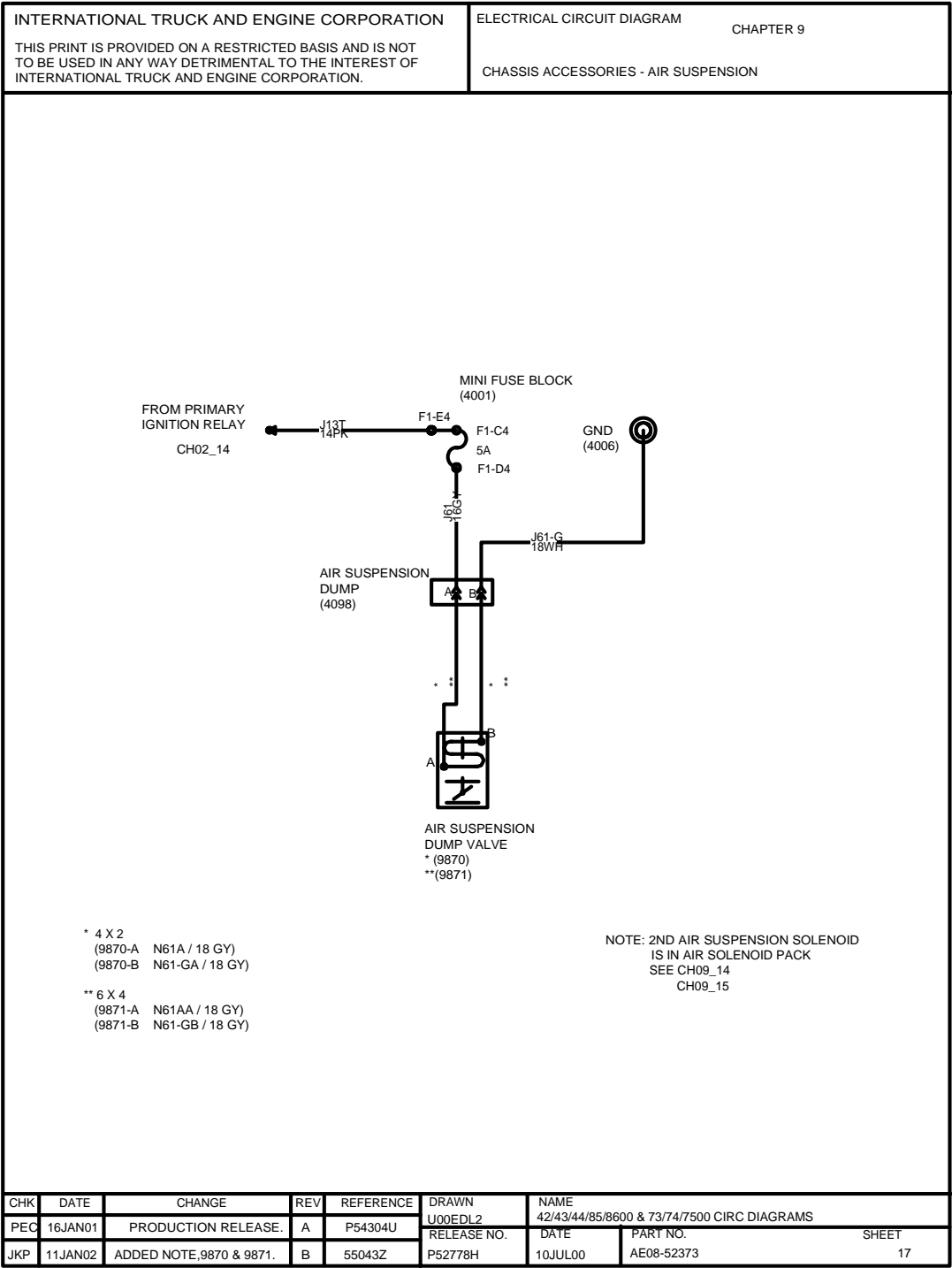


Figure 106 Air Suspension



AUX. TRAILER, ACC CONTROLLED, P. 18

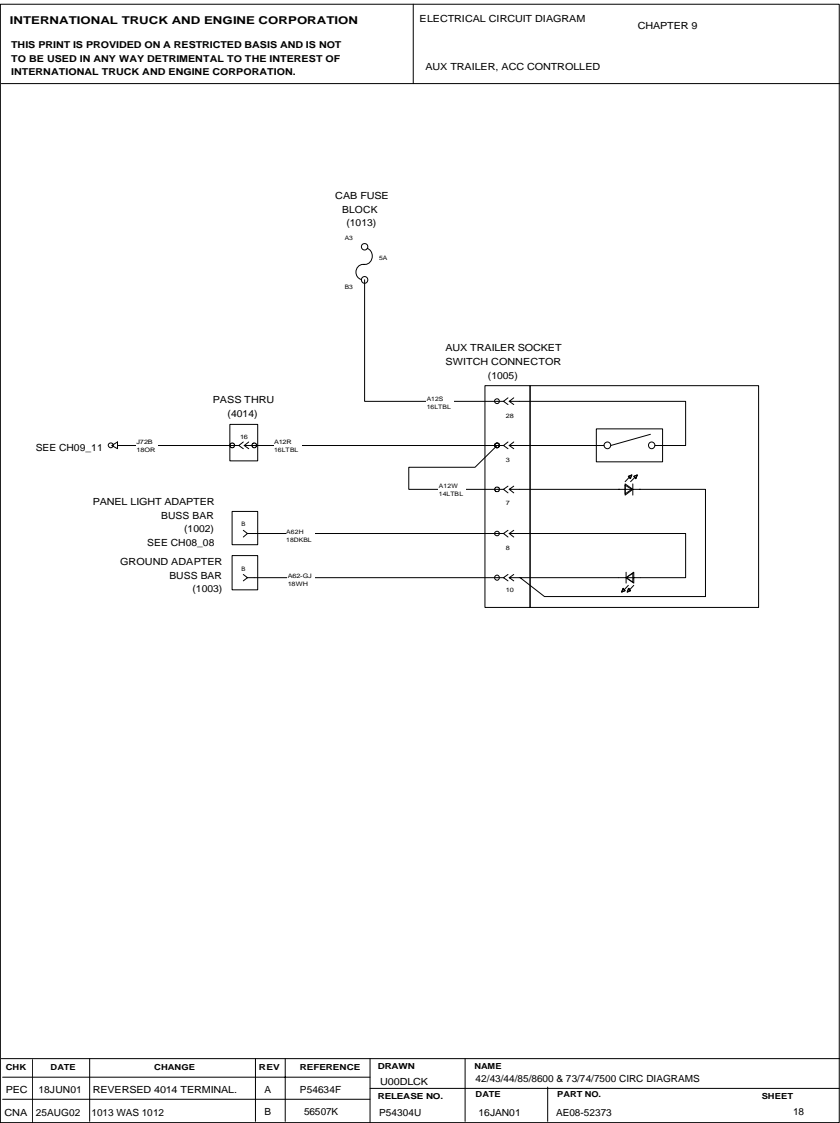


Figure 107 Aux. Trailer, Acc Controlled

AUX. TRAILER, BTRY CONTROLLED, P. 19

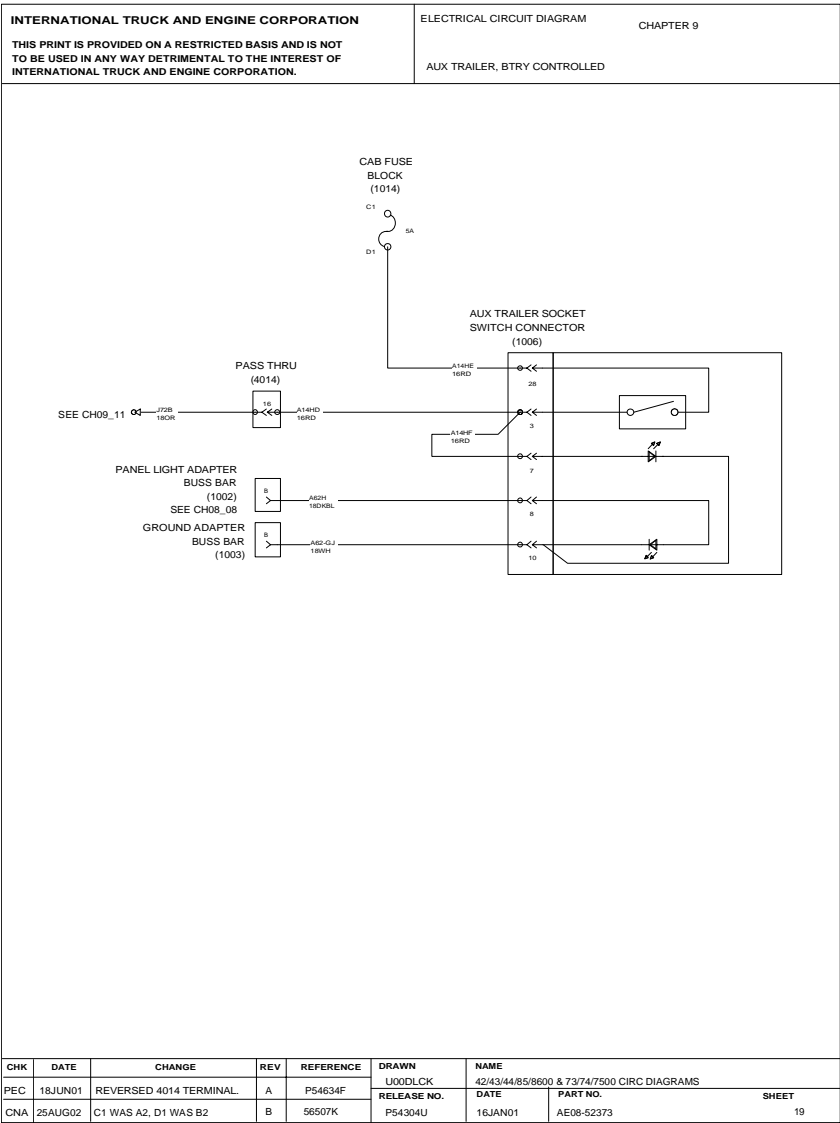


Figure 108 Aux. Trailer, Btry Controlled

# LIFT AXLES (NON-STEERABLE), P. 20

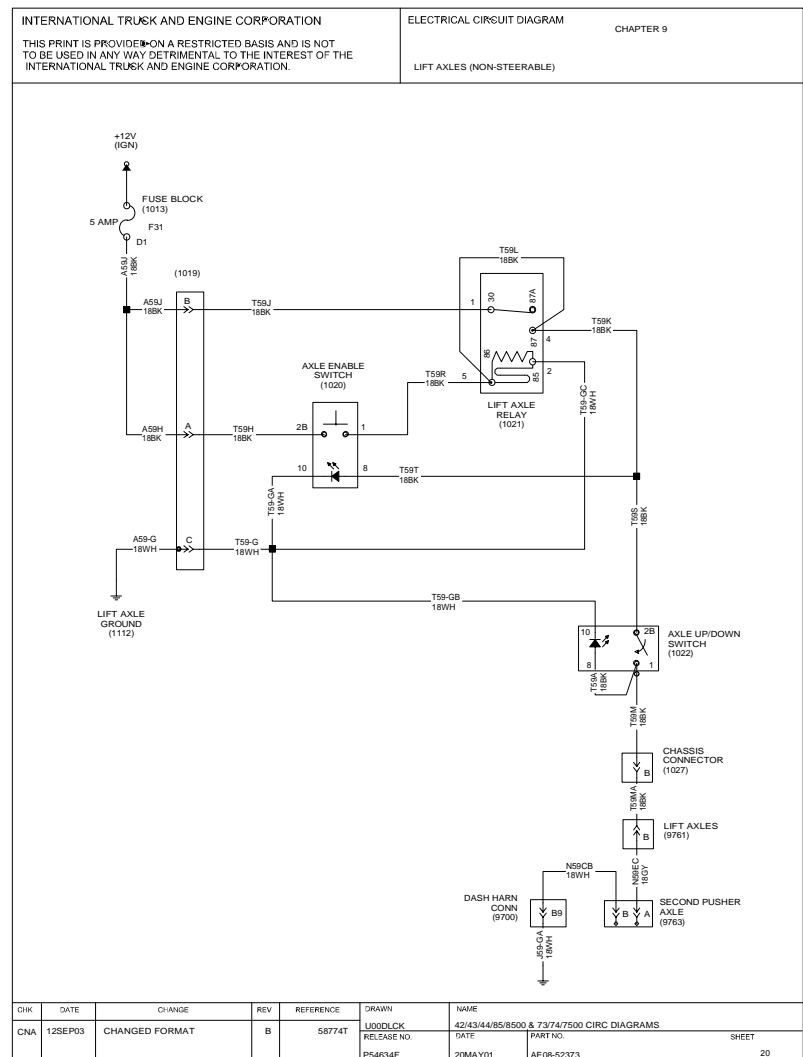
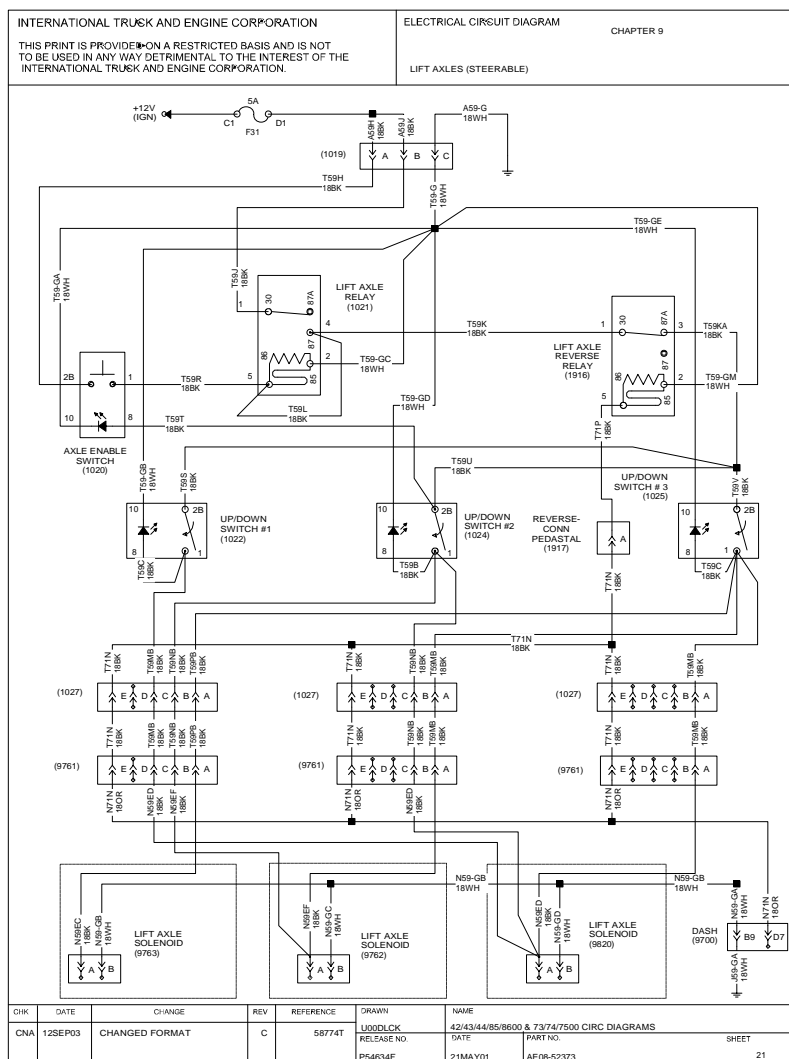


Figure 109 Lift Axles (Non-Steerable)

## LIFT AXLES (STEERABLE), P. 21



**Figure 110 Lift Axles (Non-Steerable)**

# AIR ACTUATED PARK BRAKE, P. 22

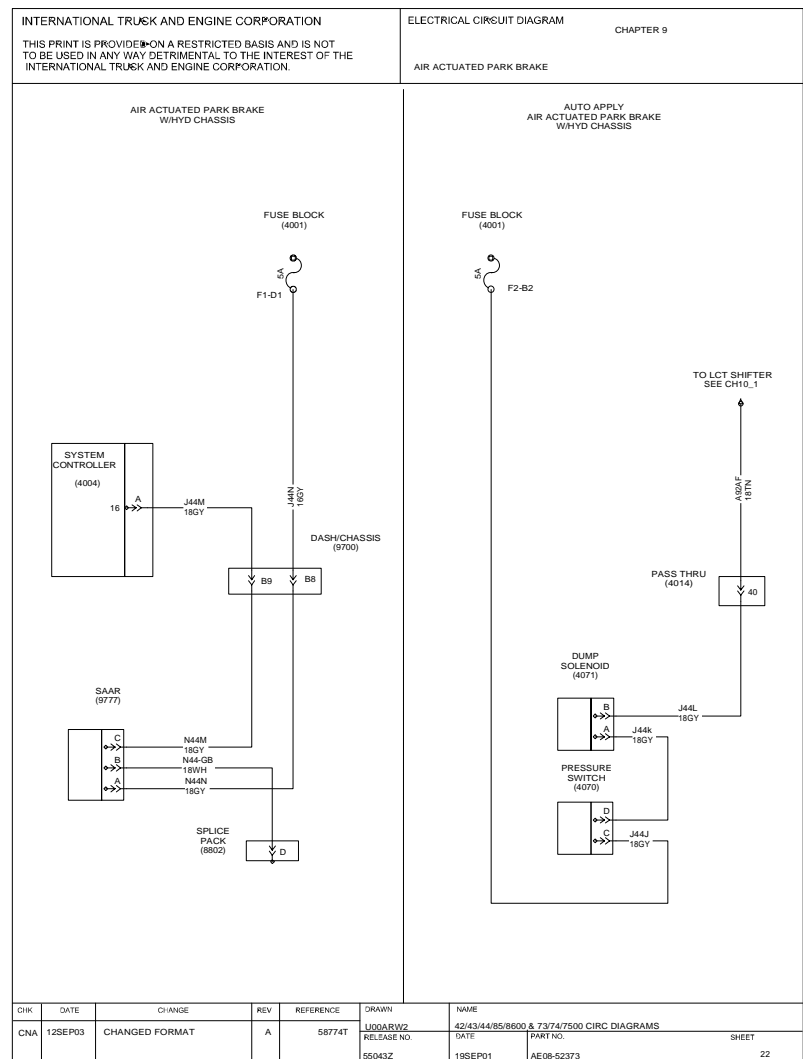
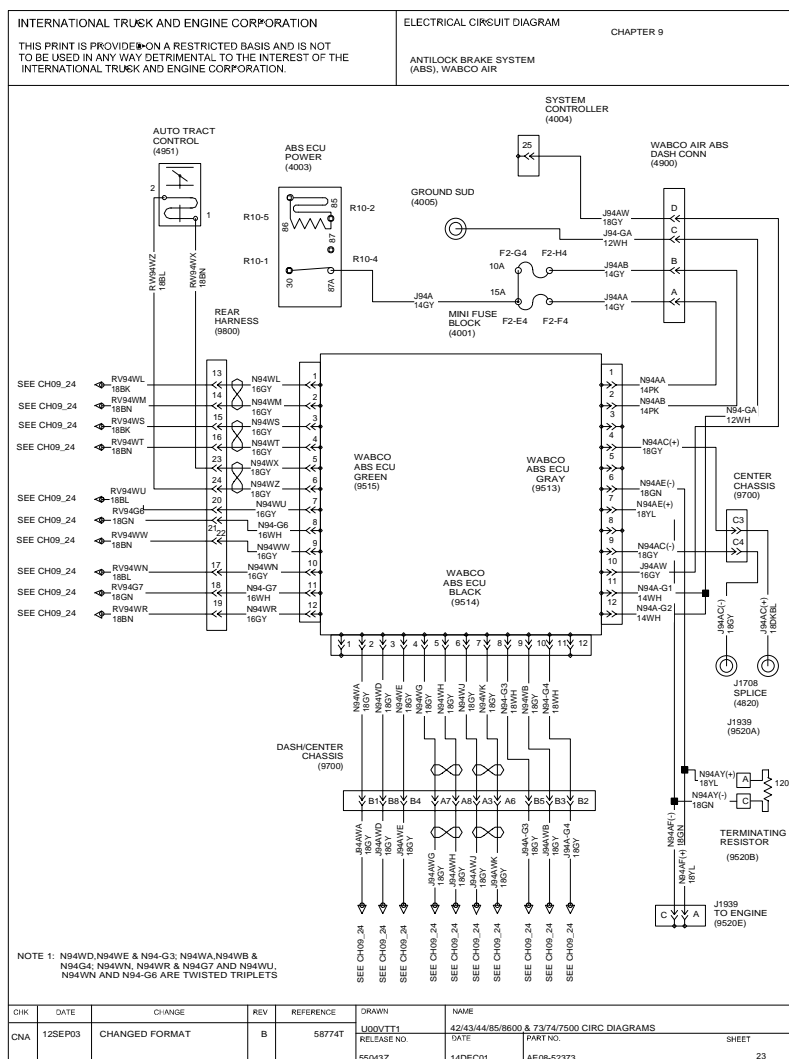


Figure 111 Air Actuated Park Brake

## ANTILOCK BRAKE SYSTEM, WABCO AIR, P. 23



**Figure 112 Antilock Brake System, WABCO Air**

# ANTILOCK BRAKE SYSTEM, WABCO AIR, P. 24

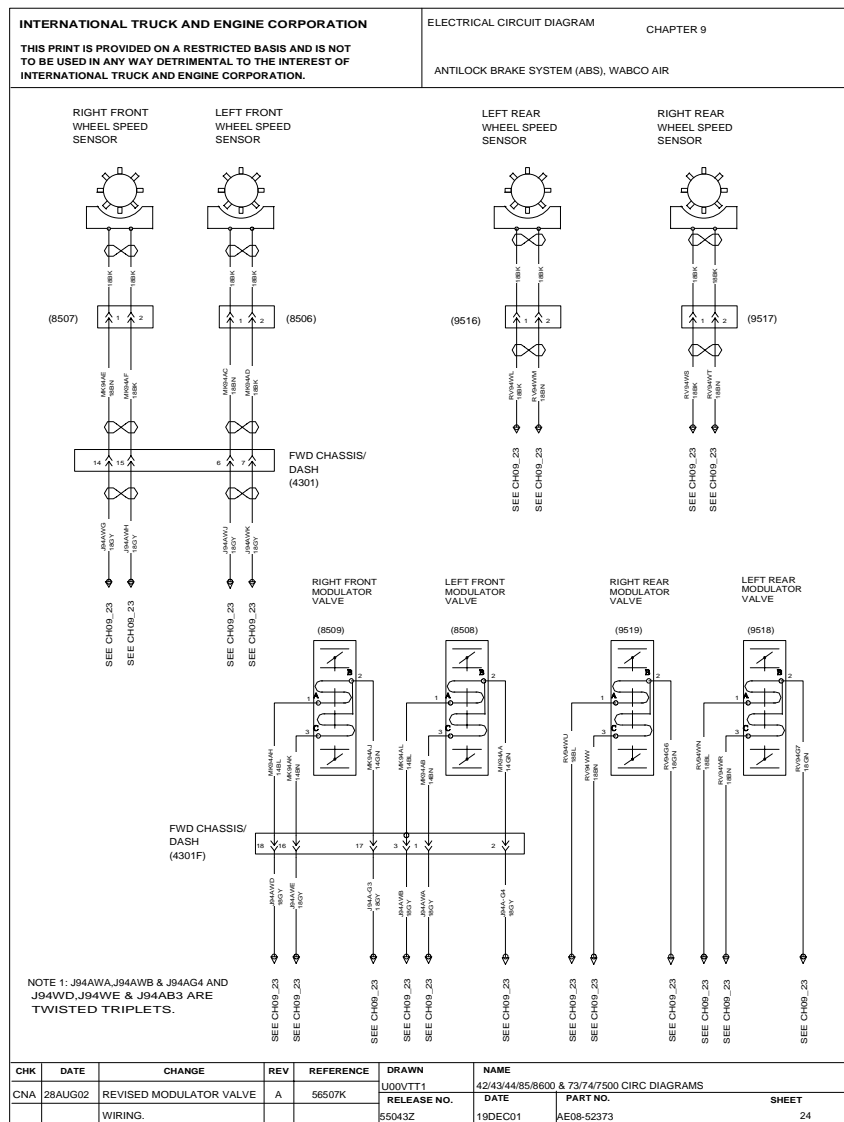


Figure 113 Antilock Brake System, WABCO Air

## LIFT AXLES, WITH NON—STEERABLE FOR SS MODELS, P. 25

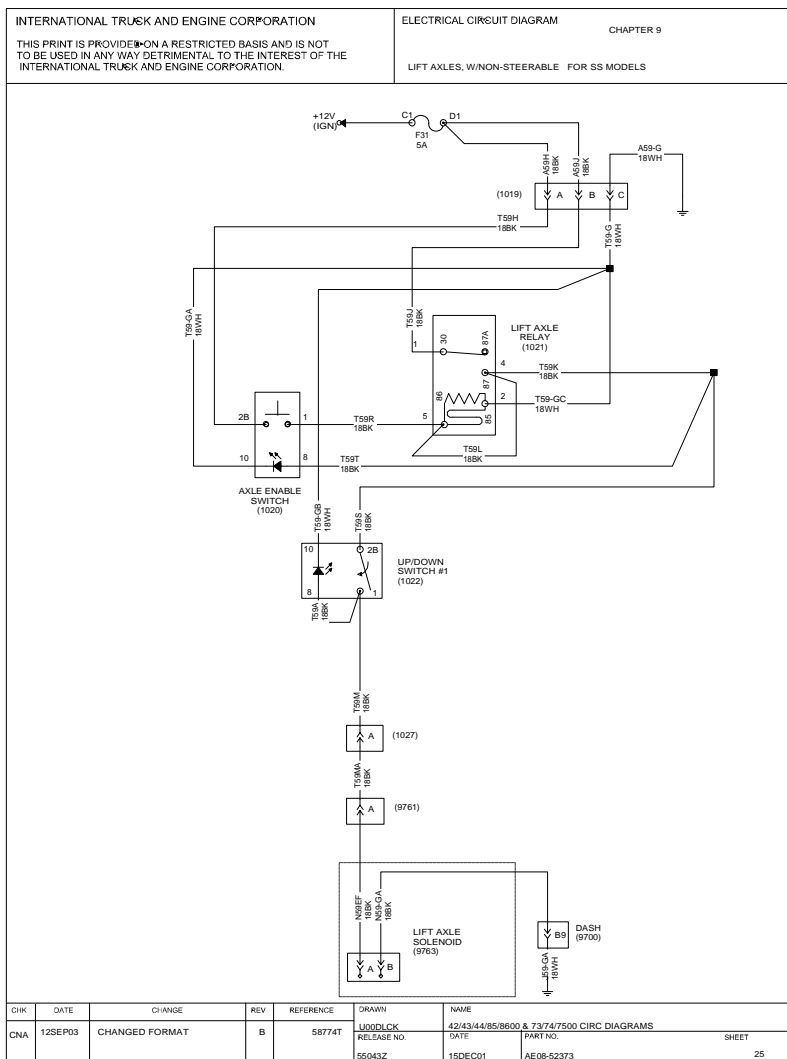


Figure 114 Lift Axles, With Non—Steerable for SS Models



FUEL / WATER SEPARATOR WITH 12VDC FUEL PREHEATER, P. 26

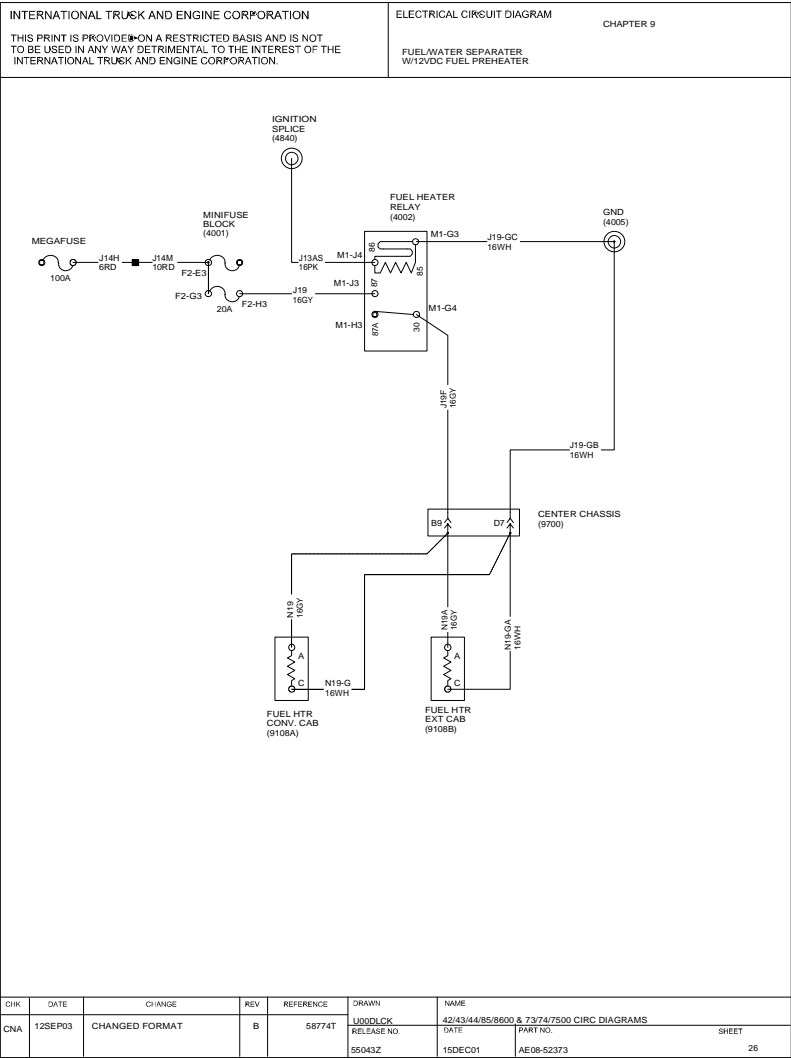


Figure 115 Fuel / Water Separator With 12VDC Fuel Preheater

ELECTRONIC TRAILER BRAKE ACCOMMODATION, P. 27

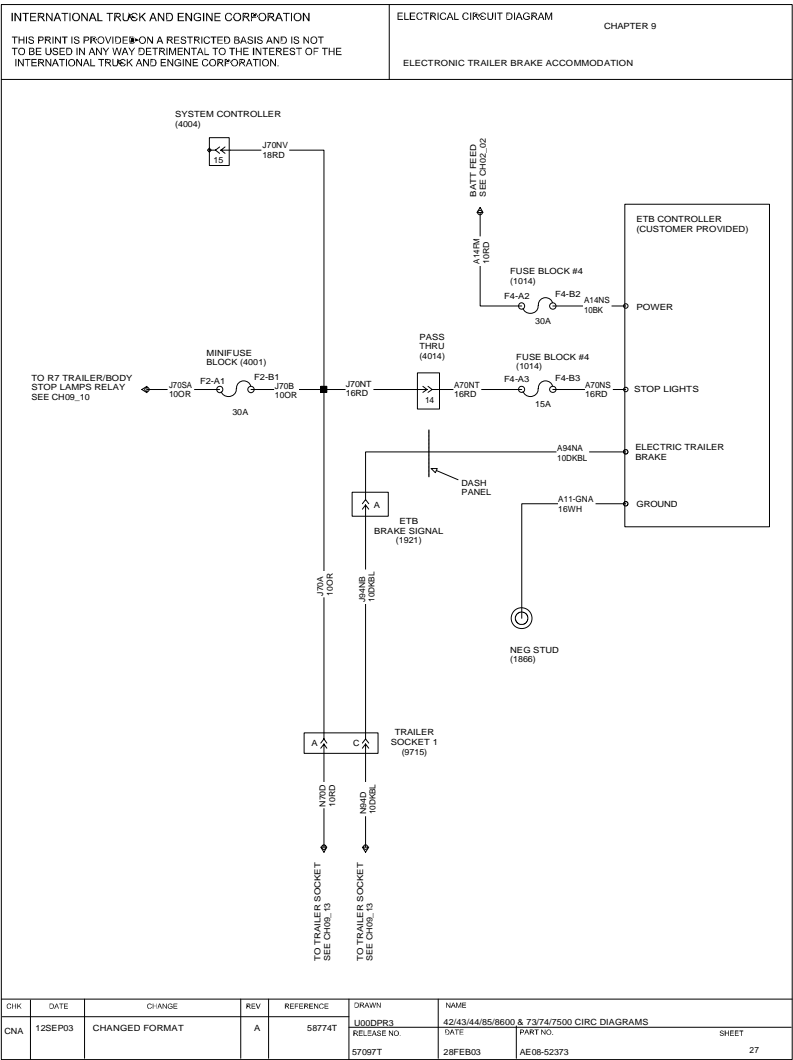


Figure 116 Electronic Trailer Brake Accommodation

[illegible]

**Figure 117 Lectrashift Accommodation**

## AUXILIARY 40 AMP CIRCUIT, P. 29

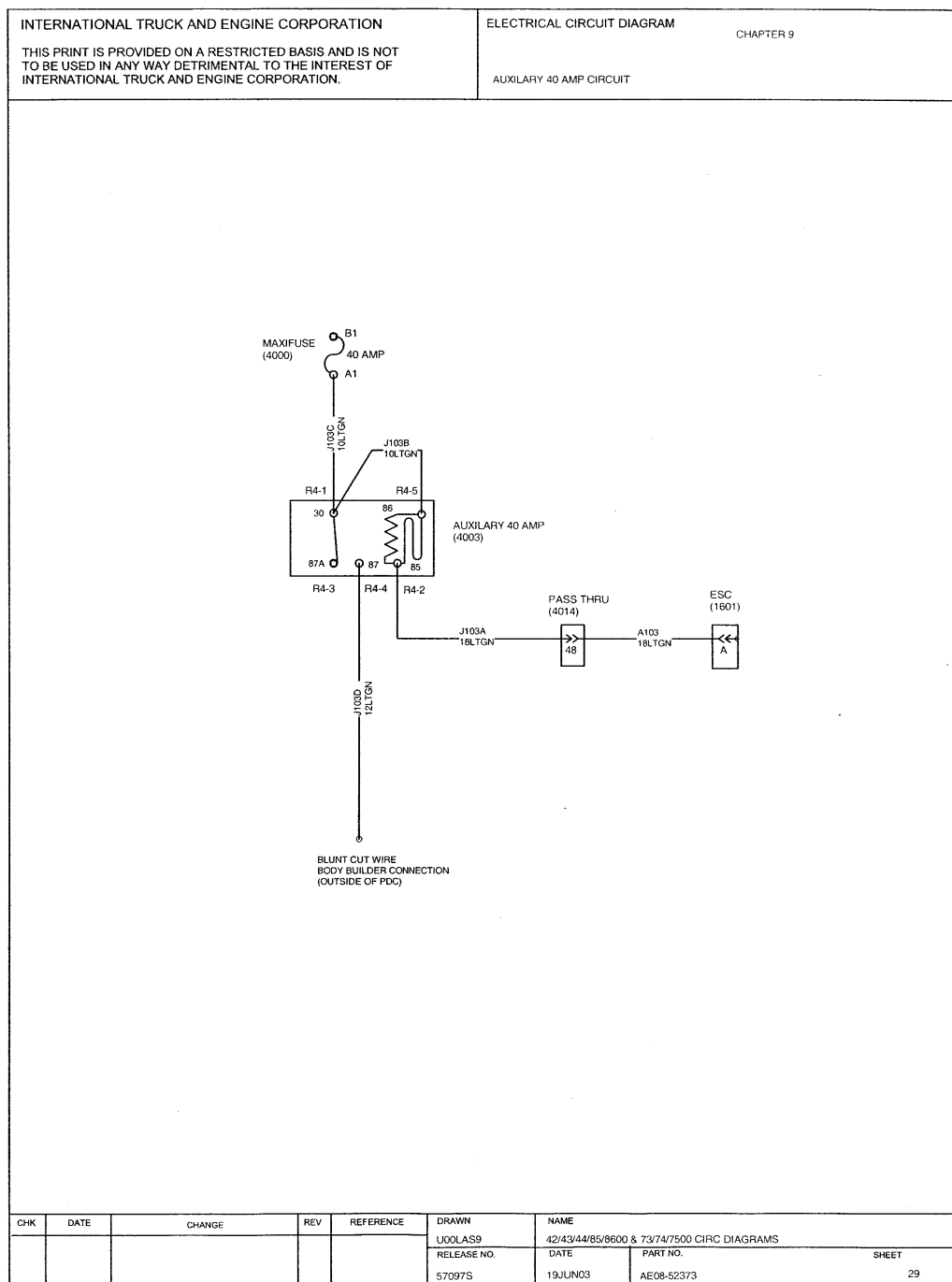


Figure 118 Auxiliary 40 Amp Circuit

HOURLMETER, CUSTOMER MOUNTED PTO, P. 30

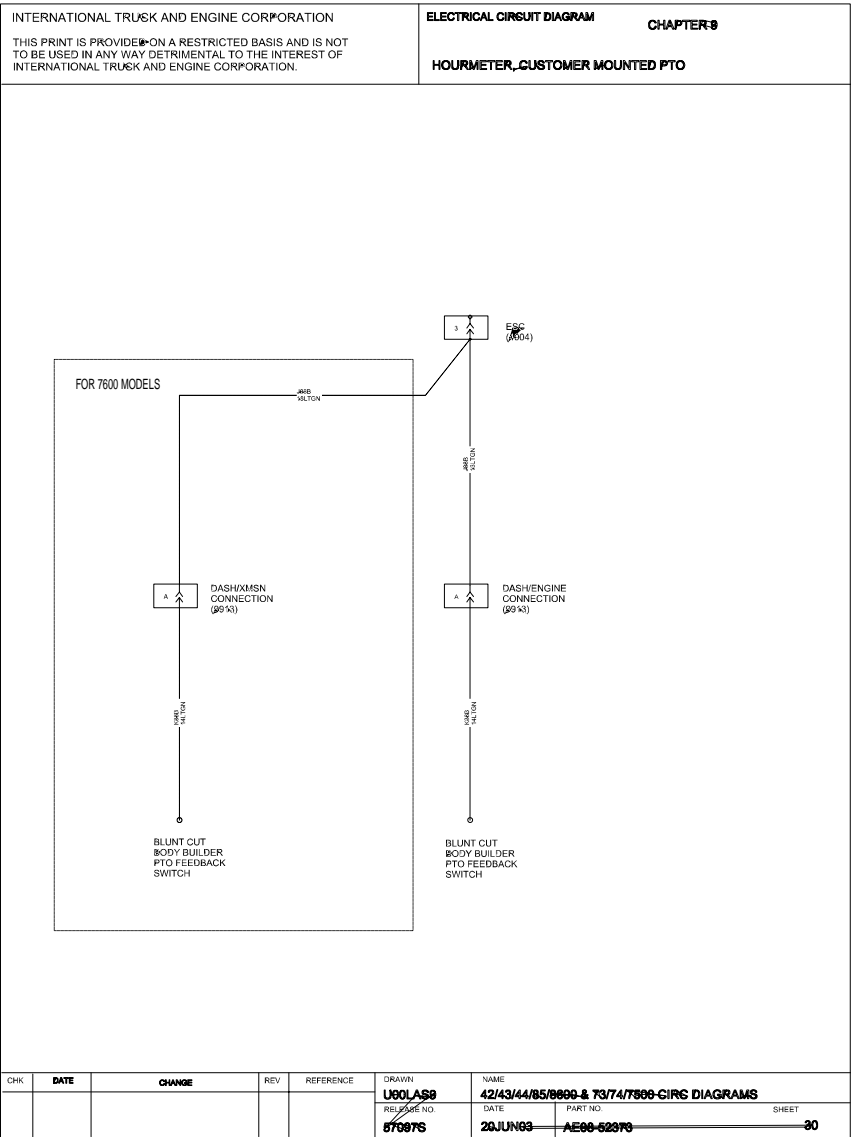


Figure 119   Hourmeter, Customer Mounted PTO

INTERNATIONAL TRUCK AND ENGINE CORPORATION

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 9

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.

REMOTE START/STOP

SYSTEM SHOWN WITH EMERGENCY PUMP  
FOR SYSTEM WITHOUT PUMP, DO NOT USE  
CIRCUITS 59

KEY SWITCH (1100)

REMOTE STOP RELAY F3 (1014)

ESC (1600)

ESC (1601)

ESC (4004)

STARTER RELAY CH04\_01

STARTER RELAY CH04\_01

AUX DASH CONN (4305)

HOOD SWITCH (8805)

AUX DASH CONN (4305)

DIODE ASSY (9914)

REMOTE START RELAY (4003)

PUMP RELAY (4002)

BUSBAR

REMOTE START/STOP (9778)

CENTER CHASSIS (9700)

PUMP INHIBIT RELAY (4002)

BODY BUILDER

REMOTE START/STOP SWITCH

PUMP MOTOR SOLENOID

PUMP MOTOR

GROUND

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	RELEASE NO.	DATE	PART NO.	SHEET
					U00LAS9	42/4344/85/9600 & 73/74/7500 CIRC DIAGRAMS				
					57097S	20JUN03			AE08-52373	31

### Figure 120 Remote Start/ Stop

LIFT AXLE WITH 14RAR, P. 32

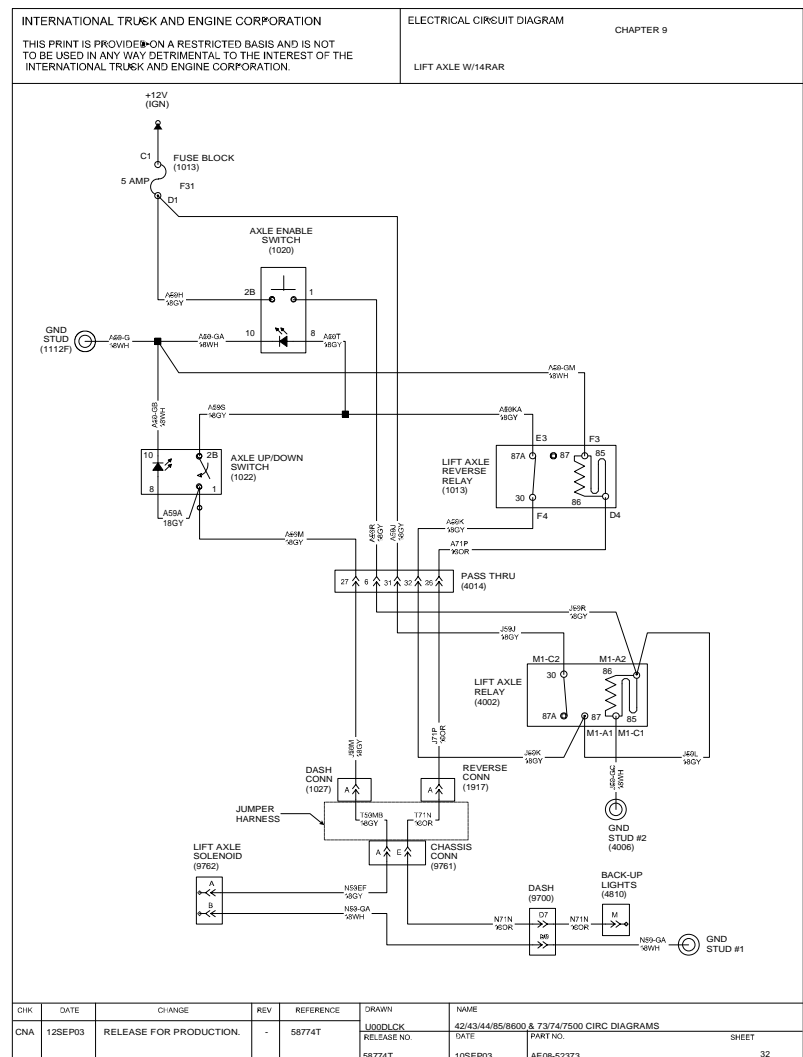
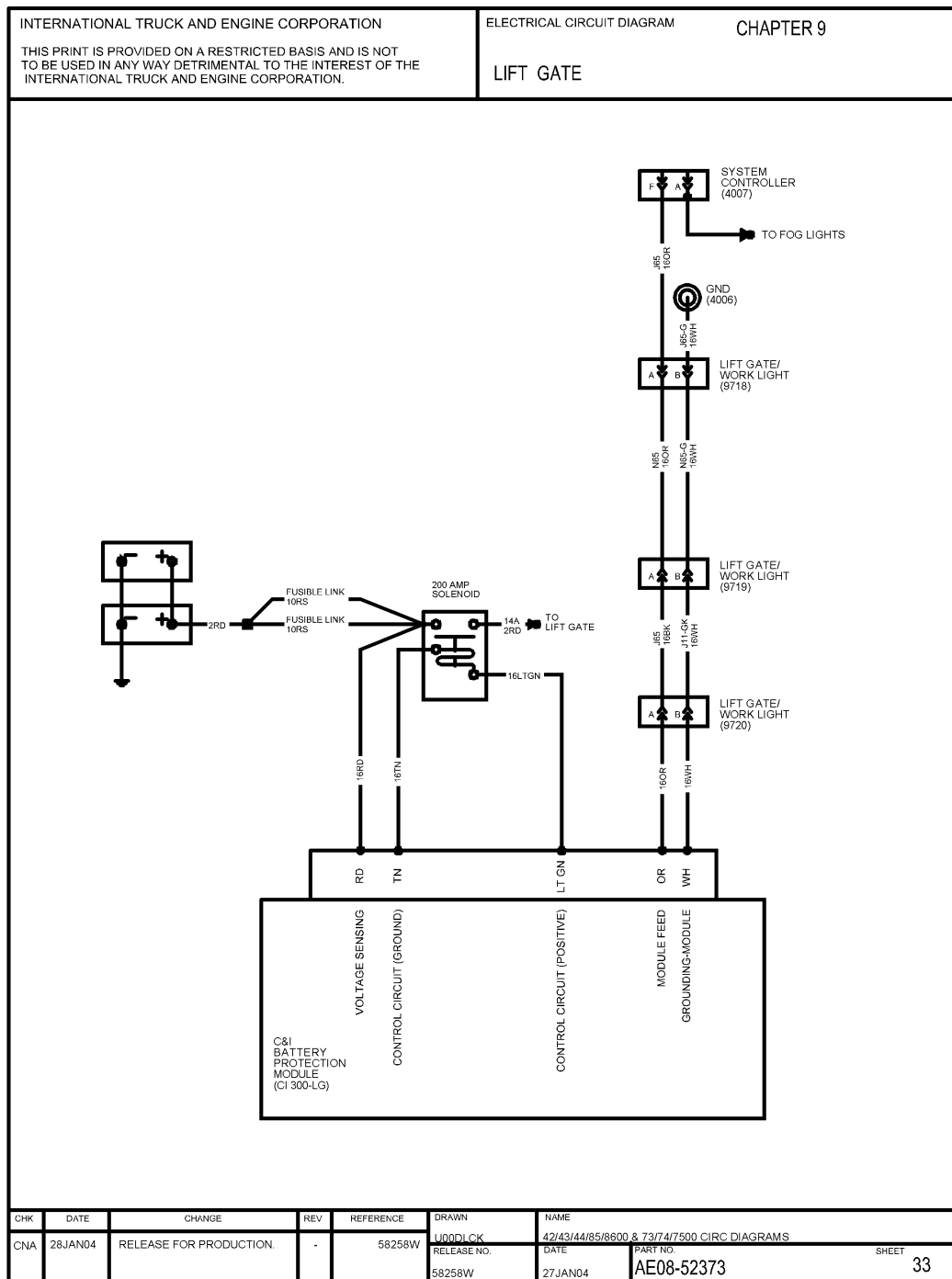


Figure 121 Lift Axle with 14RAR

**LIFT GATE, P. 33**



**Figure 122 Lift Gate**



# LIFT AXLE MULTIPLEX, P. 34

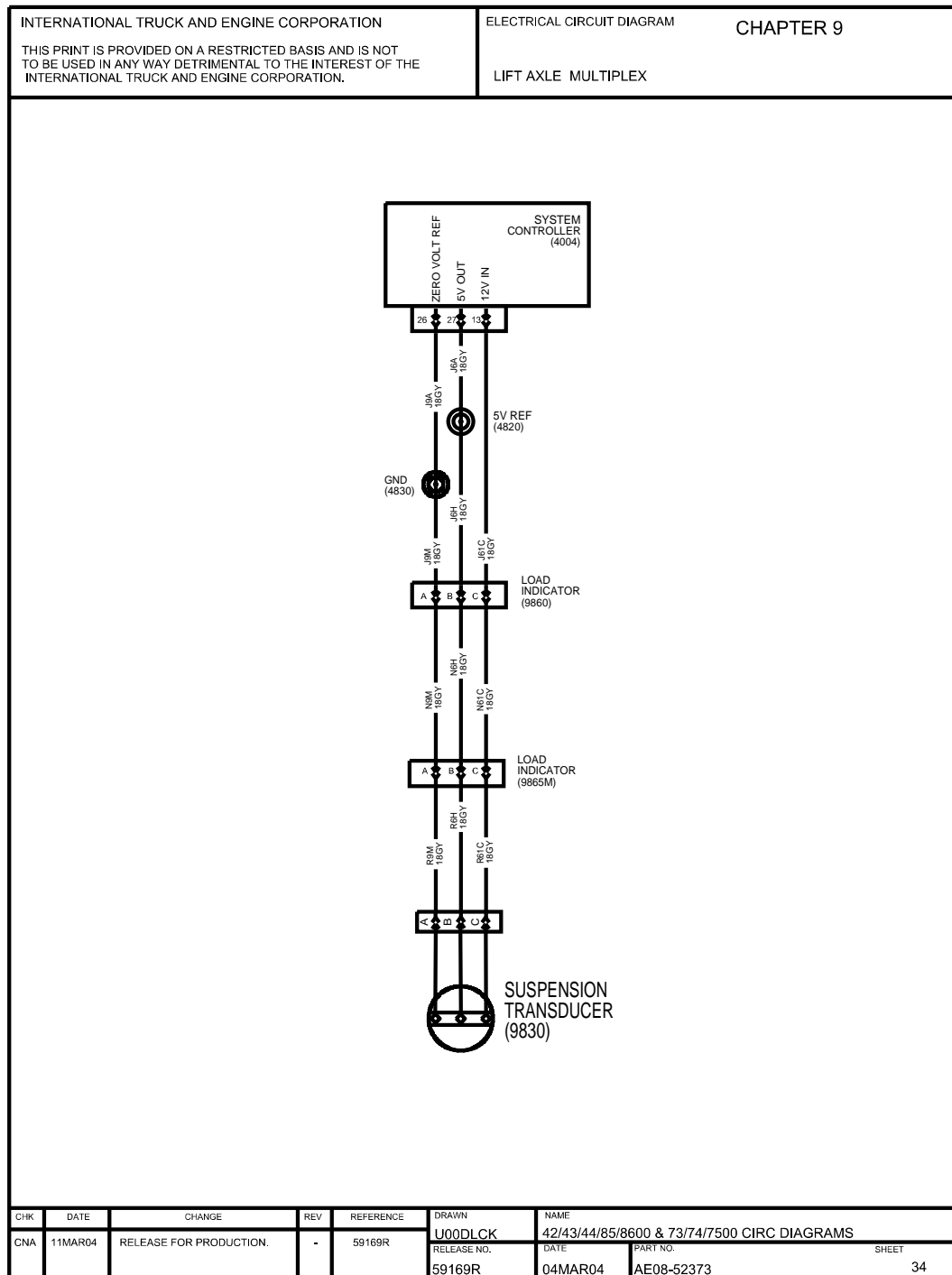


Figure 123 Lift Axle Multiplex

## TRANSMISSIONS (CHAPTER 10)

### ALLISON LCT TRANSMISSION OR ALLISON 1000, 2000, 2400, P. 1

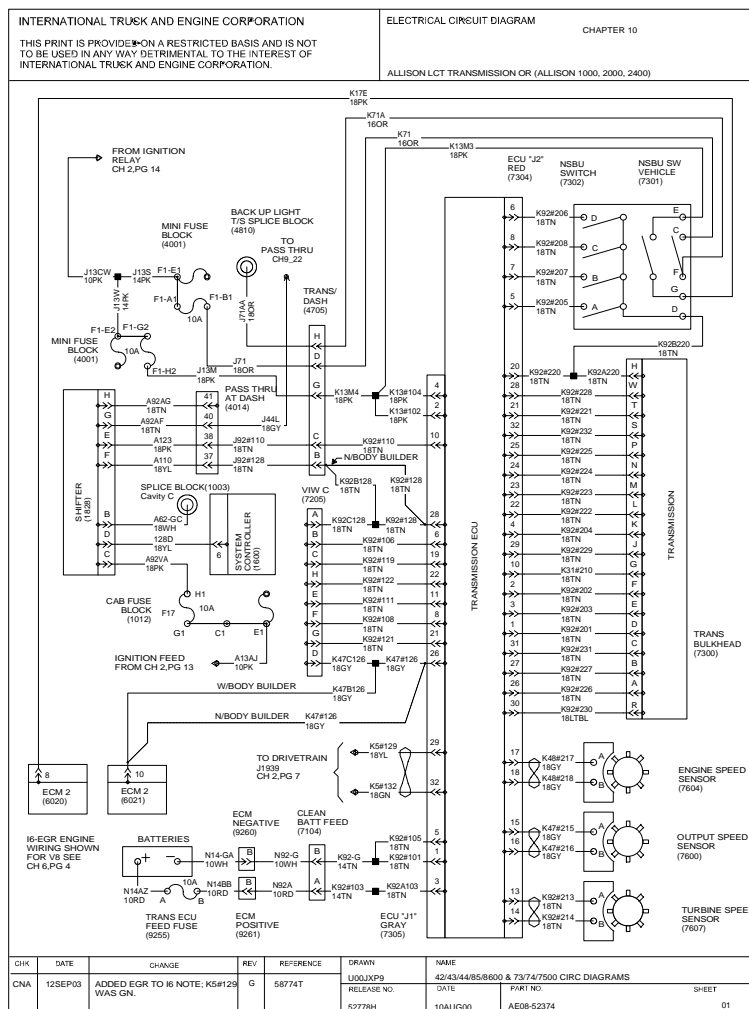


Figure 124 Allison LCT Transmission or Allison 1000, 2000, 2400

ALLISON MD TRANSMISSION, P. 2

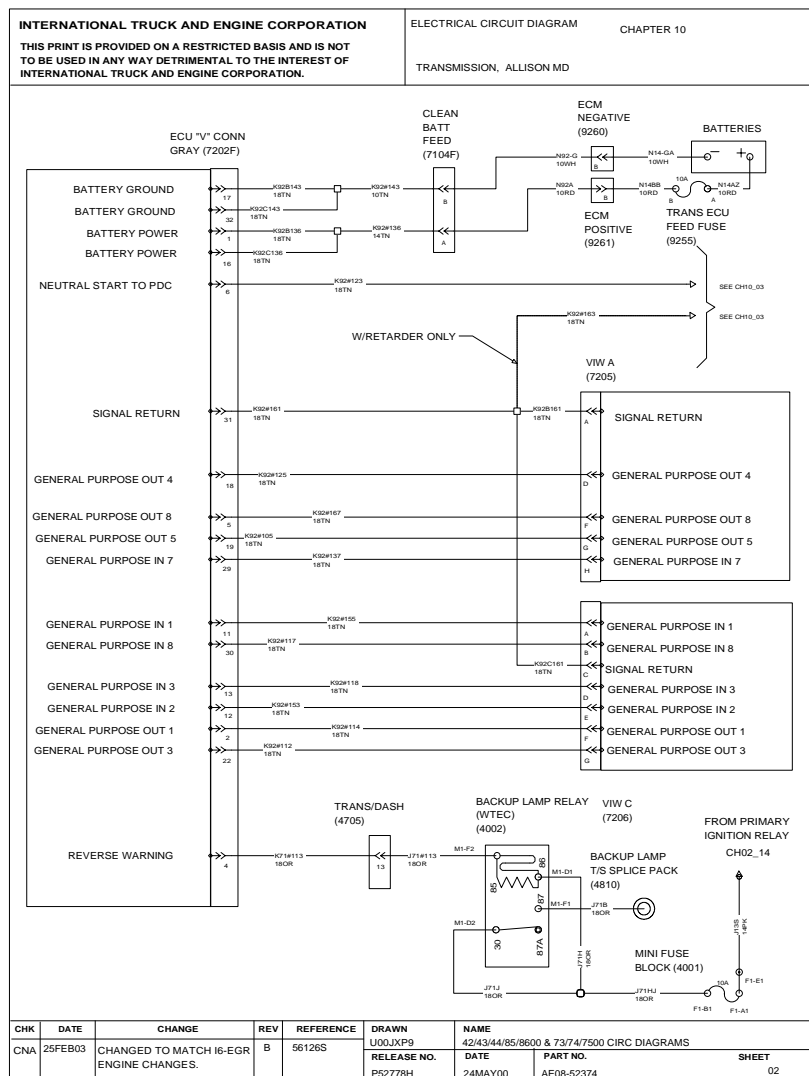


Figure 125 Allison MD Transmission

ALLISON MD TRANSMISSION (WTEC), P. 3

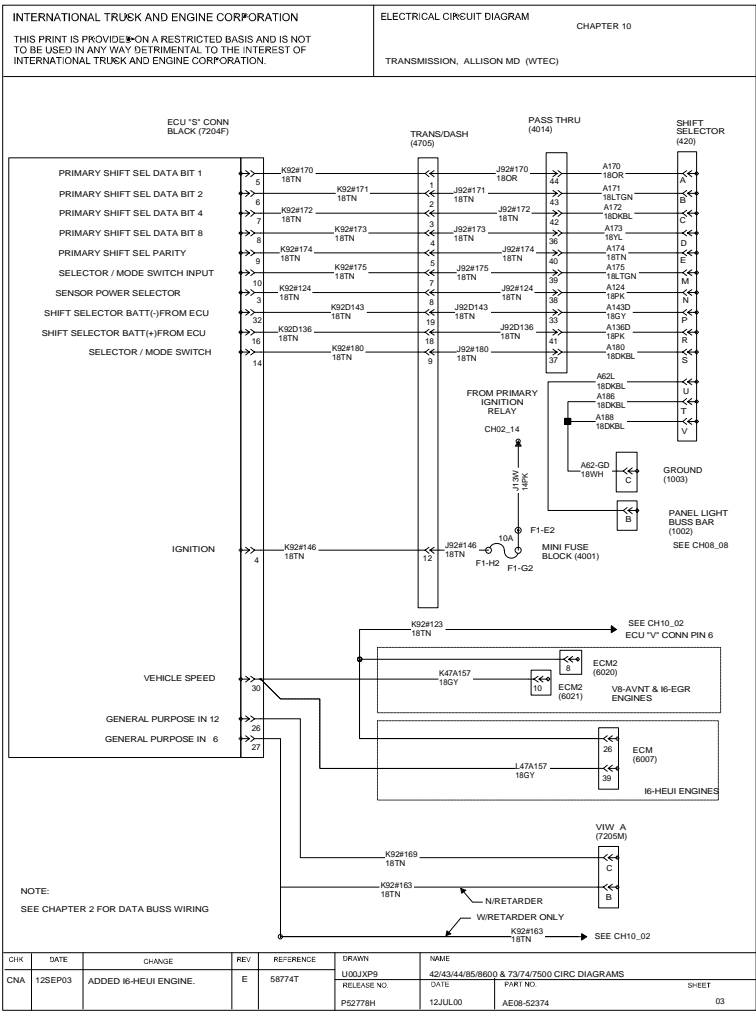


Figure 126 Allison MD Transmission (WTEC)

ALLISON MD TRANSMISSION (CONT.), P. 4

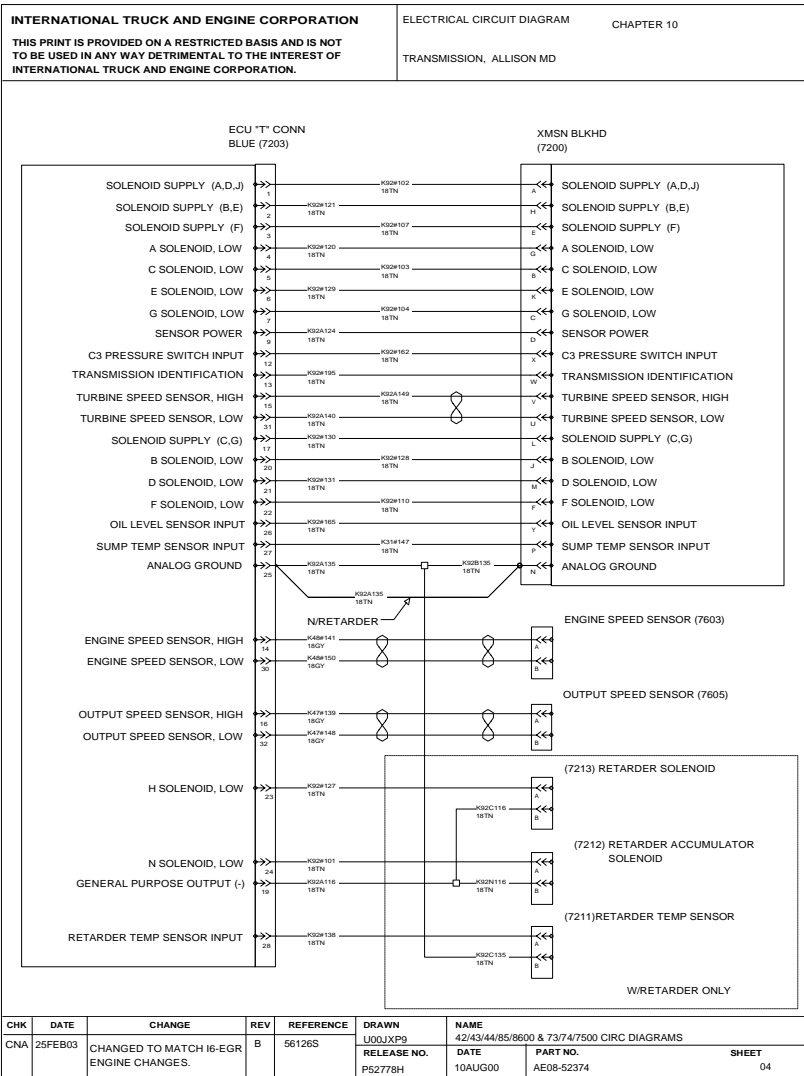


Figure 127 Allison MD Transmission (Cont.)

[illegible]

**Figure 128 Transmission, WTEC MD W/Auto Neutral**

# EATON AUTOSHIFT TRANSMISSION, P. 6

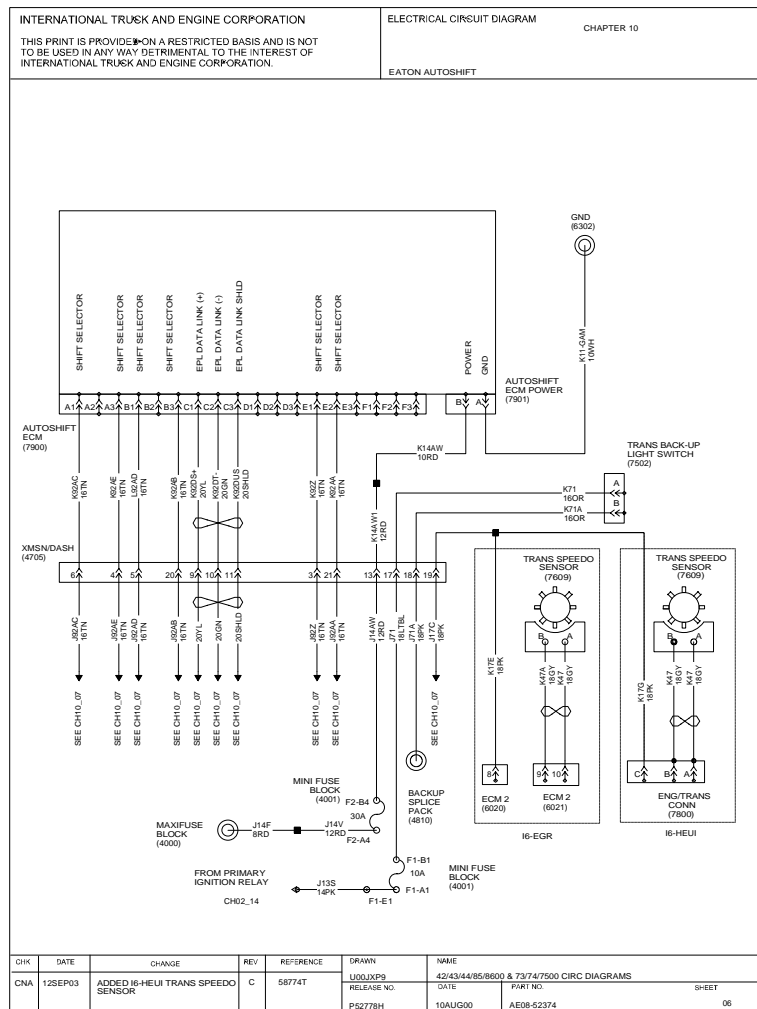
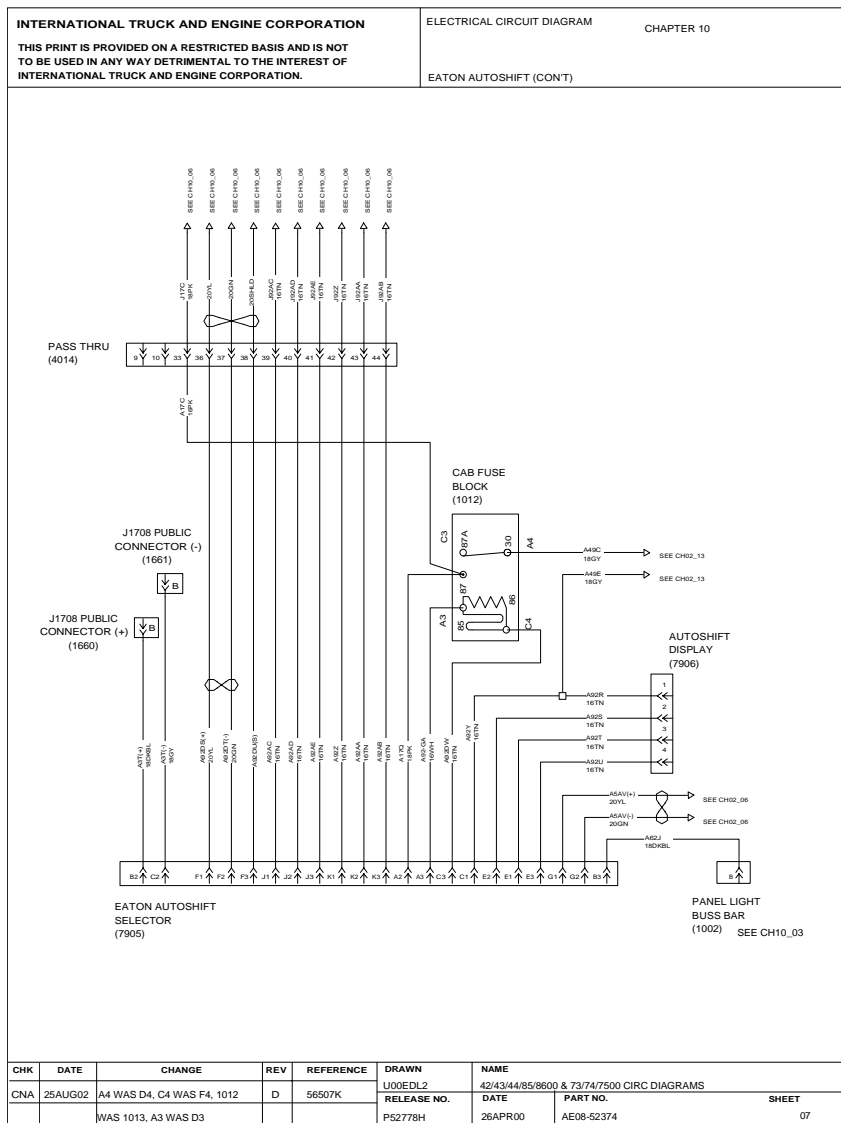


Figure 129 Eaton Autoshift Transmission

## EATON AUTOSHIFT TRANSMISSION (CONT.), P. 7



### Figure 130 Eaton Autoshift Transmission (Cont.)



INTERNATIONAL TRUCK AND ENGINE CORPORATION

ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 10

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

EATON LIGHTNING TRANSMISSION

**TRANS OIL TEMP SENSOR (7703)**  
2 K31-GD 16TN  
1 K31D 16TN

**BACKUP LIGHT (7503)**  
B 771E 16OR  
A 771D 16OR

**DASH/TRANS (4713)**  
K J  
H  
G  
F  
E  
D  
C  
B  
A  
J71E 16OR  
J71D 16OR  
J3AB(-) 16G  
J3AA(+) 16DKBL  
J14AA 16RD  
J11-GC 16WH  
J11-GB 16WH  
J13AA 16PK

**CENTER CHASSIS (9700)**  
A4 N71 14OR

**REAR CHASSIS (9800)**  
1 R71 14OR

**STOP TAIL & TURN (9303A)**  
A

**CHASSIS GROUND (4005)**  
J170B/U1587 5V SPLICE (4620)  
BOTTOM DASH GROUND (4005)

**LIGHTNING ECM (7708)**  
A1 K14AA 16RD  
A2 K10A 16DKBL  
A3 K11-GB 16WH  
B1 K13AA 16PK  
B2 K10A 16WH  
B3 K11-GC 16WH  
C1 K5E(-) 18YL  
C2 K5E(-) 18GN  
D1 K47R 16GY  
D2 K47S 16GY  
E1  
E2  
E3  
F1  
F2  
F3

**EATON SPEED SENSOR (7612)**  
A

**SHIFTER JUMPERS (7105)**  
B  
C  
A

**W/V8 OR I6-EGR ENGINES**  
K5A(-) 18GN  
K5A(+) 18YL  
K5B(-) 18YL  
K5B(+) 18YL  
K5C(-) 18GN  
K5C(+) 18YL  
K5D(+) 18YL  
K5D(-) 18YL  
120 ohms  
J193B TRANS RESISTOR (7107) HDD OR (7801) V8/I6-EGR

**ECM 2 (6020)**  
10 K5B(+) 18YL  
9 K5B(+) 18YL  
12

**ECM 2 (6021)**  
10 K5B(+) 18YL  
9 K5B(+) 18YL  
12

**TRUCK SPEED SENSOR (7613)**  
A

**ENG/TRANS (7800)**  
SEE CH06\_05 K47 16GY  
SEE CH06\_05 K47A 16GY  
SEE CH06\_05 K5AB 16GN  
SEE CH06\_05 K5U 18YL  
L47T 16GY  
L47U 16GY  
L5C(-) 18GN  
L5C(+) 18YL

**WCAT C10, C11, C12 & C13 ENGINES**  
A  
B  
C  
D  
E

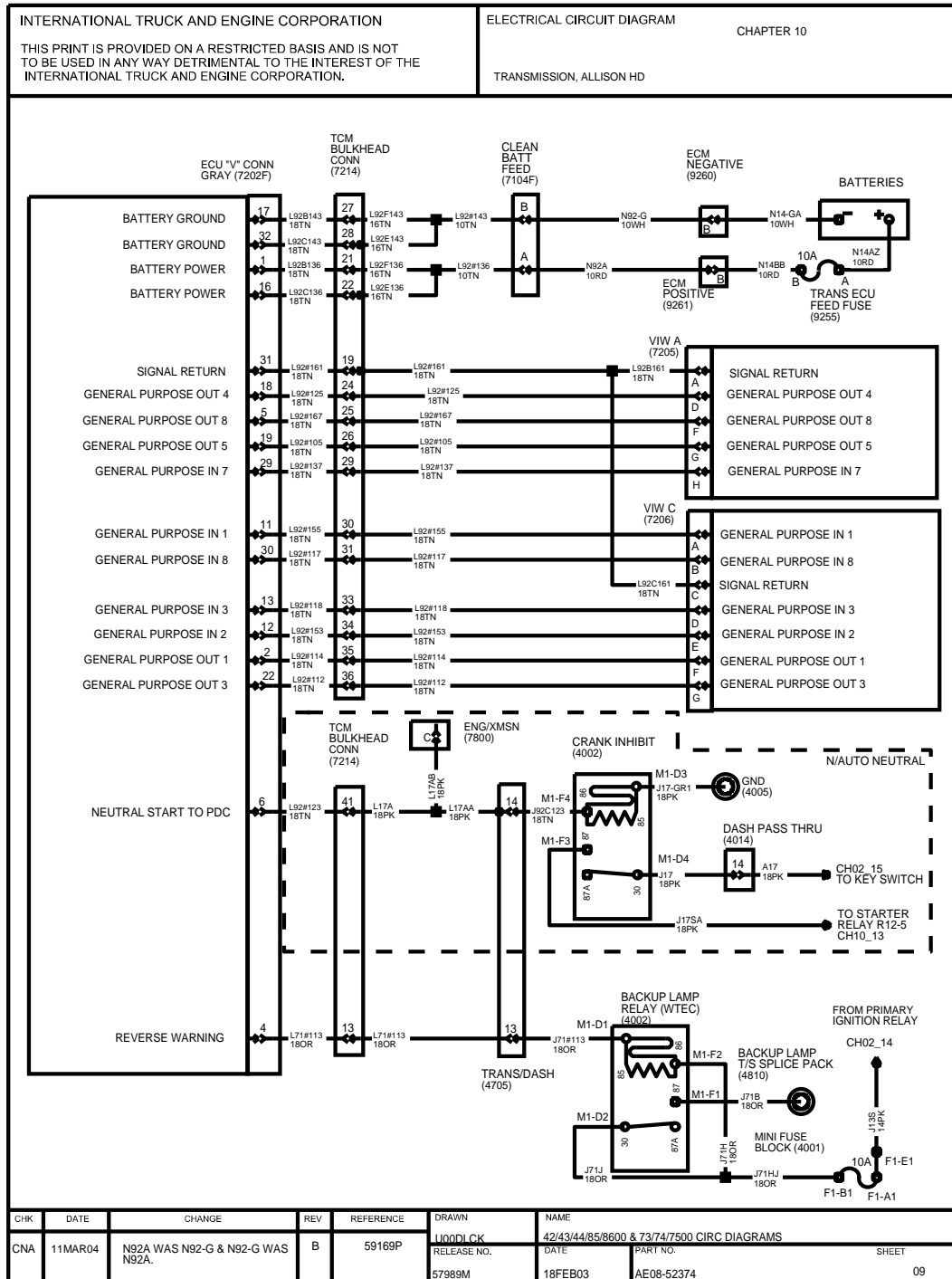
**TRUCK SPEED SENSOR (7613)**  
A

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	DATE	REV	REVISION	PART NO.	SHEET
CNA	12SEP03	CHANGED FORMAT	D	58774T	100DCLK	42/43/44/85/8600 & 7374/7500 CIRC DIAGRAMS					
					55043Z	20DEC01	AE08-52374				

08

**Figure 131 Eaton Lightning Transmission**

## ALLISON HD TRANSMISSION, P. 9



**Figure 132 Allison HD Transmission**

ALLISON HD TRANSMISSION, P. 10

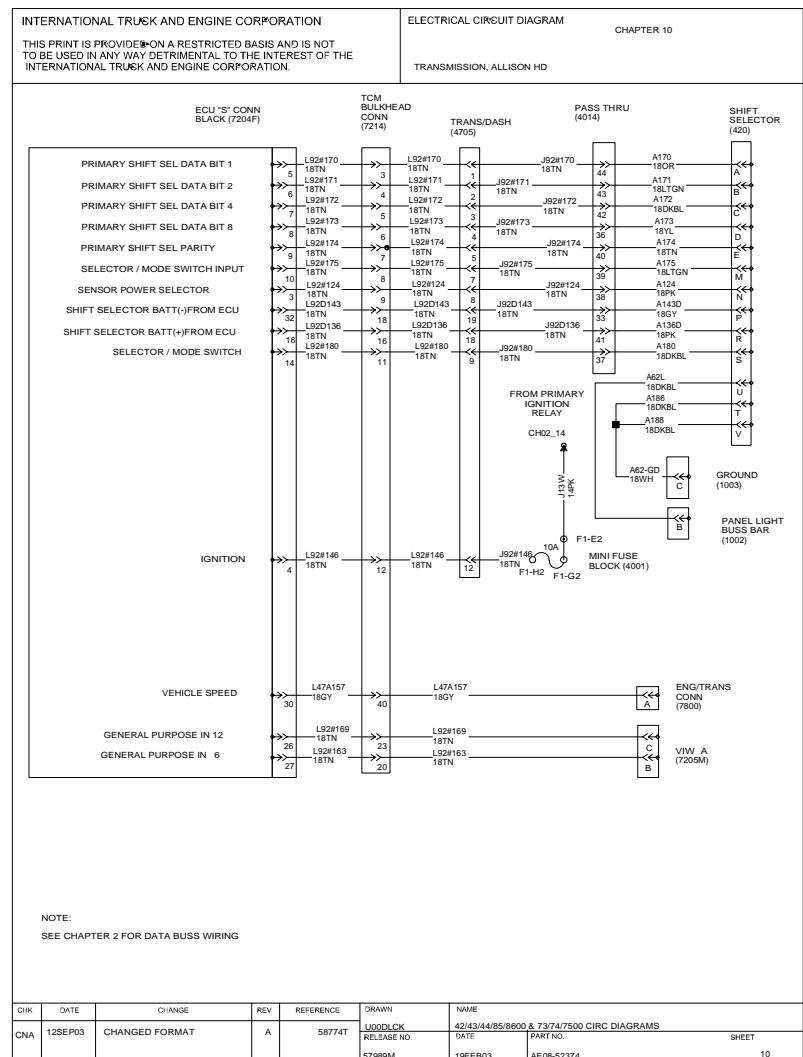


Figure 133 Allison HD Transmission (Cont.)

ALLISON HD TRANSMISSION, P. 11

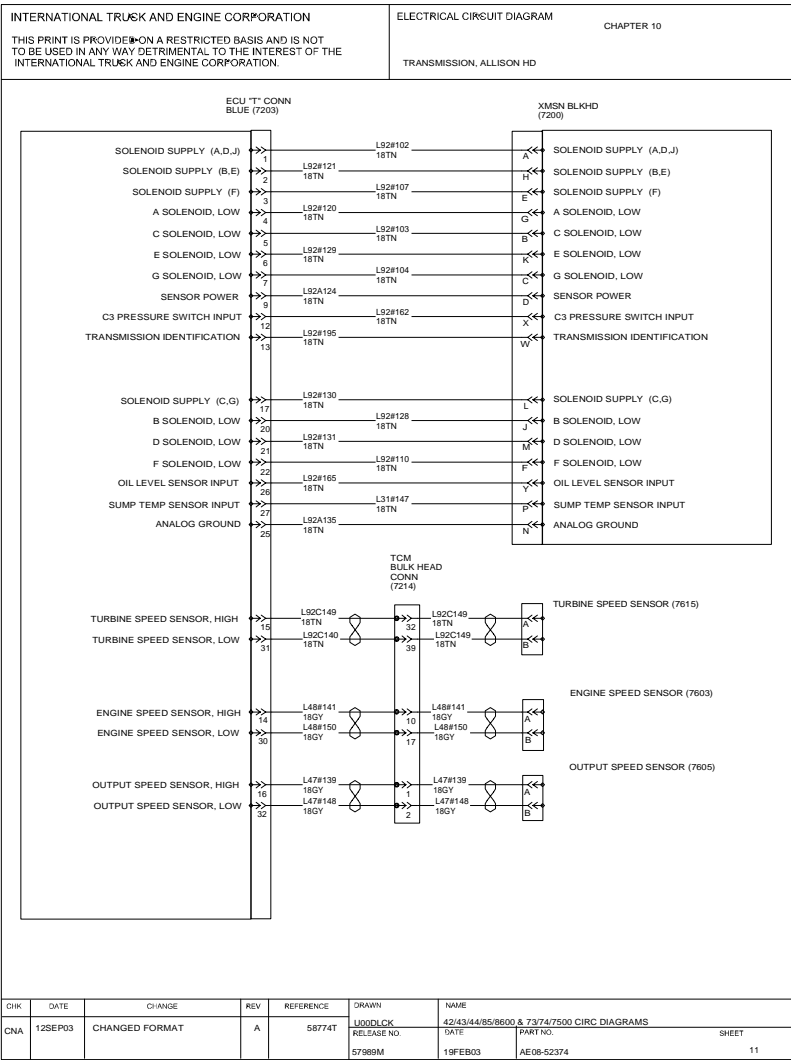


Figure 134 Allison HD Transmission (Cont.)

# ALLISON HD TRANSMISSION WITH AUTO NEUTRAL, P. 12

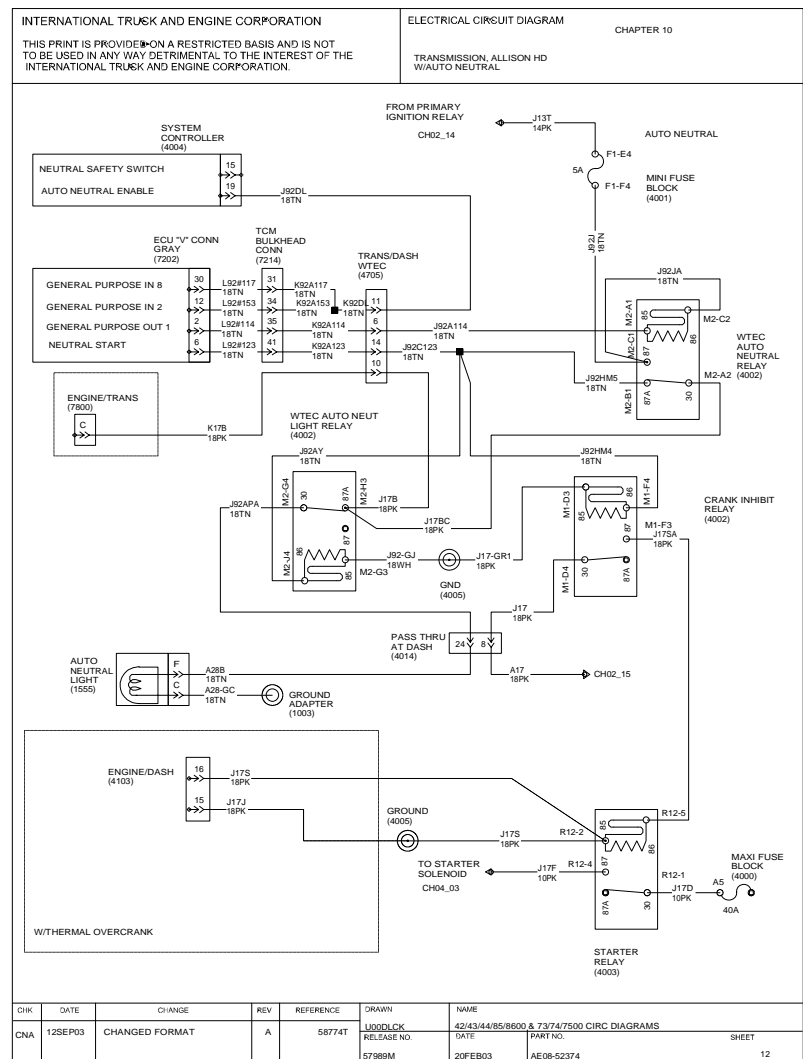
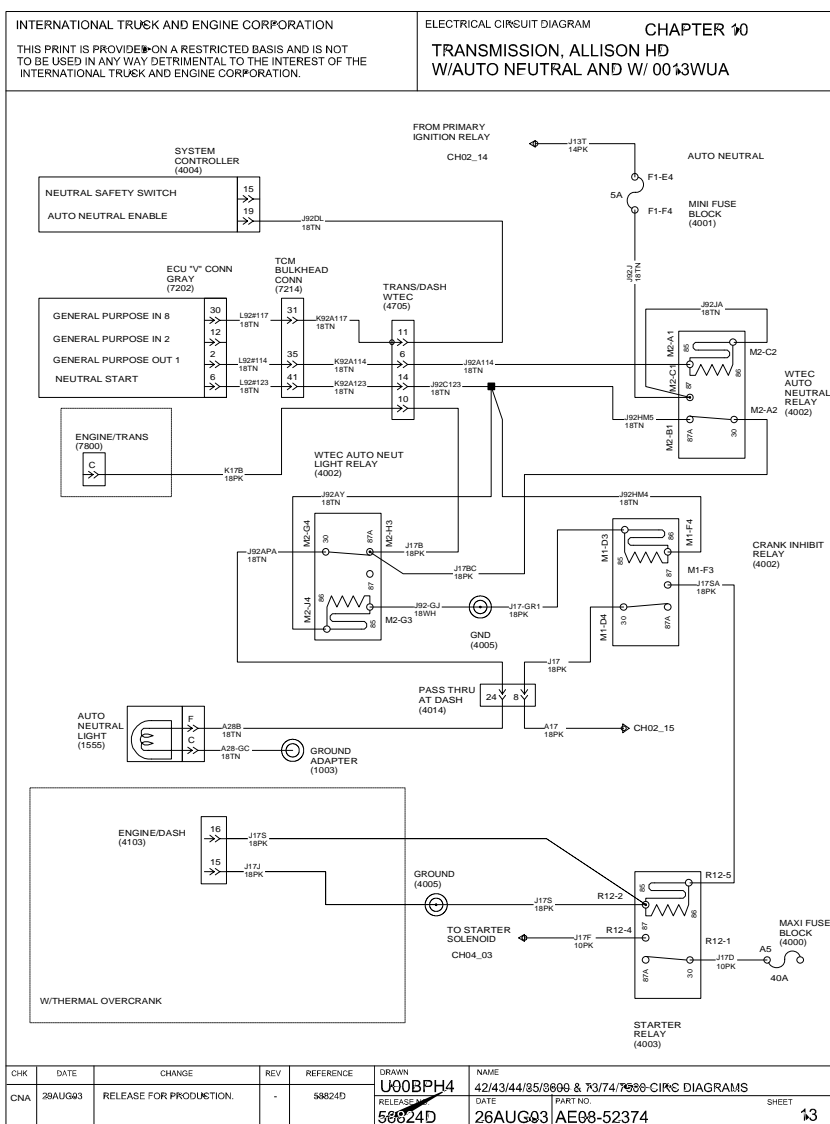


Figure 135 Allison HD Transmission With Auto Neutral



**Figure 136 Allison HD Transmission With Auto Neutral and with 0013WUA**

ALLISON LCT TRANSMISSION (ALLISON 1000, 2000, 2400) WITH I6 HEUI, P. 14

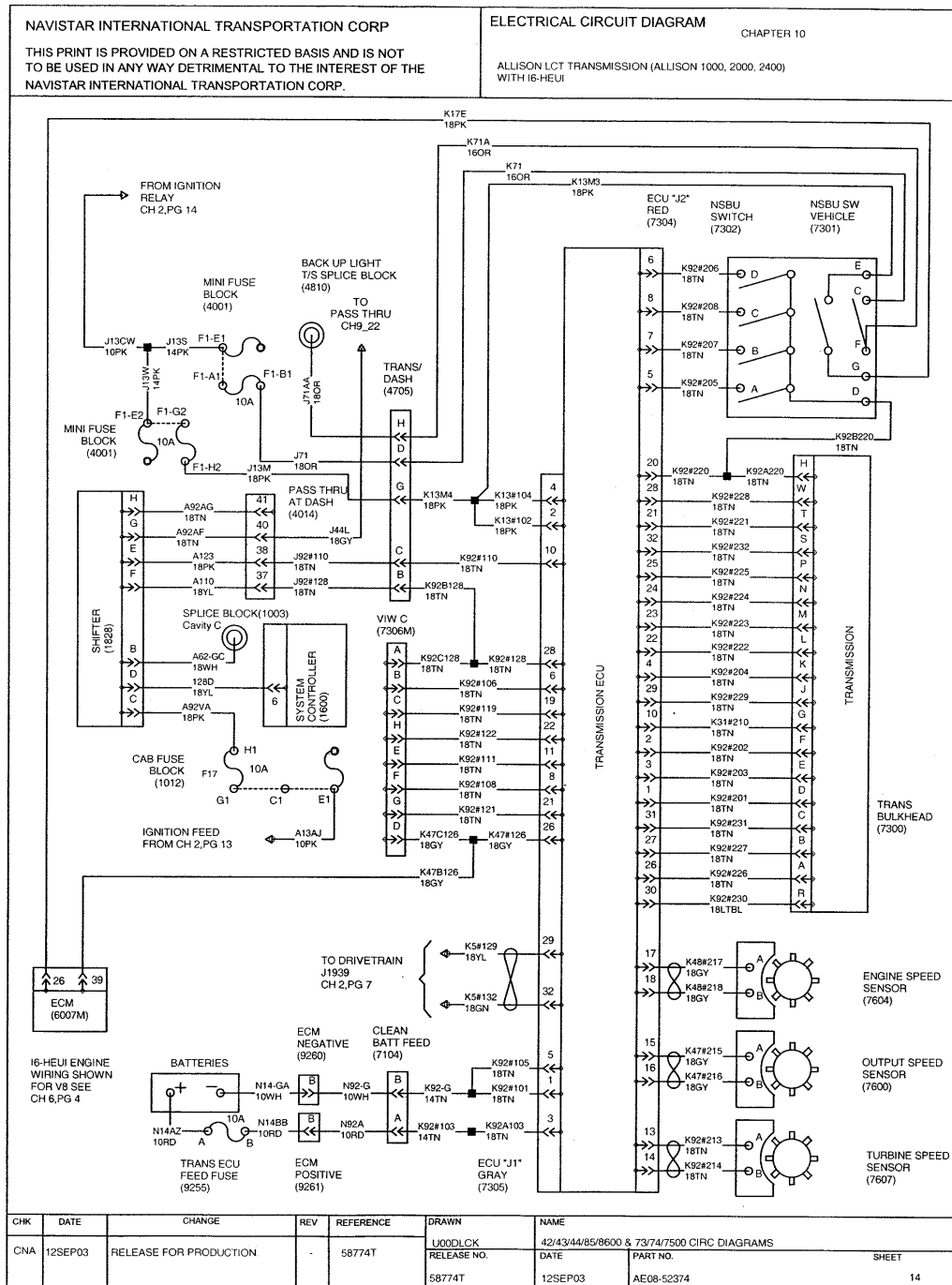


Figure 137 Allison LCT Transmission (Allison 1000, 2000, 2400) with I6 HEUI

### Figure 138 Transmission Retarder Control Wiring with MD Transmission, Hard Wired Effects



# TRANSMISSION RETARDER CONTROL WIRING WITH MD XMSN, HARD WIRED EFFECTS, P. 16

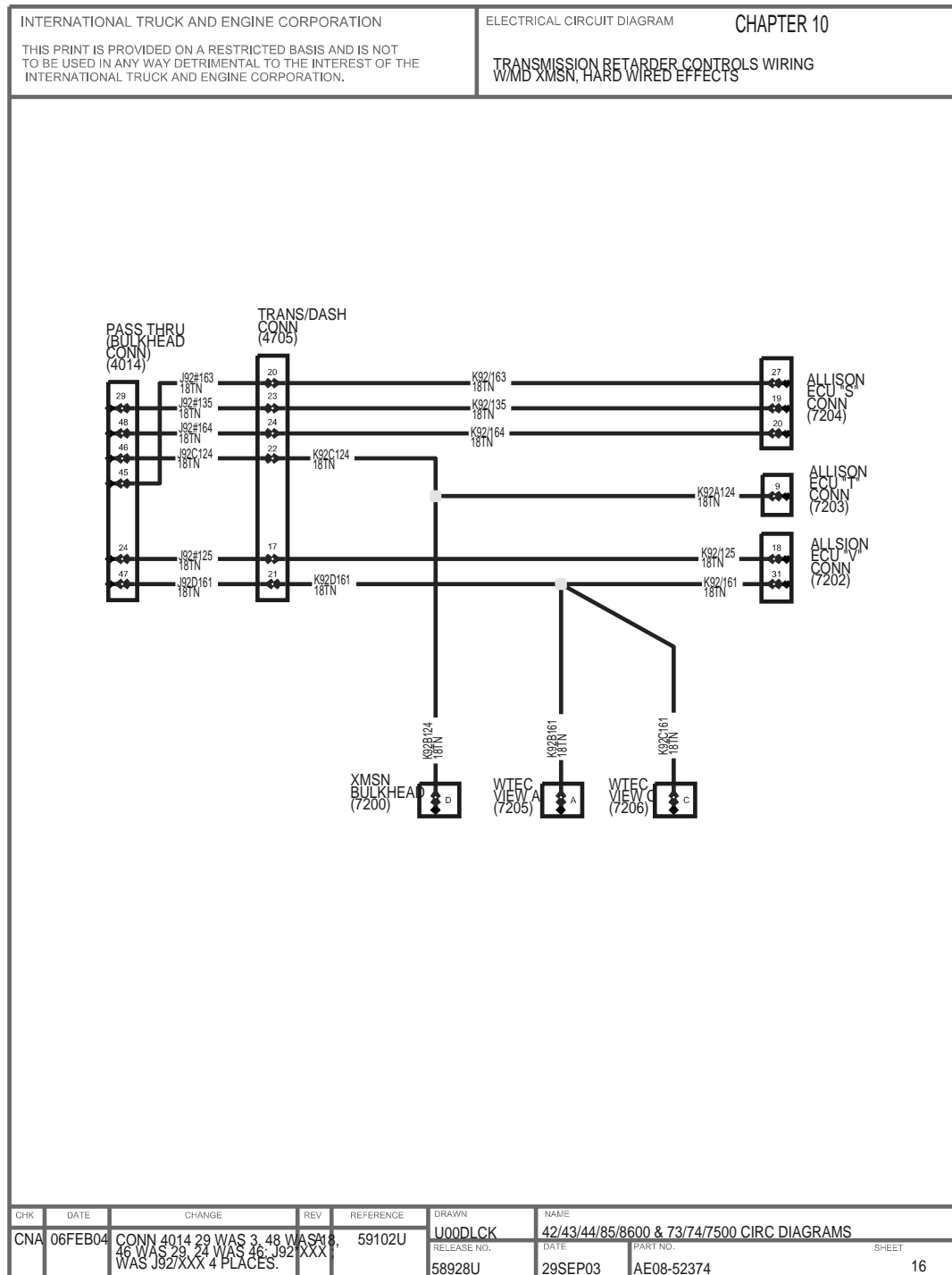


Figure 139 Transmission Retarder Control Wiring with MD Transmission, Hard Wired Effects

AIR CONDITIONING (CHAPTER 11)

HVAC SYSTEMS, P. 1

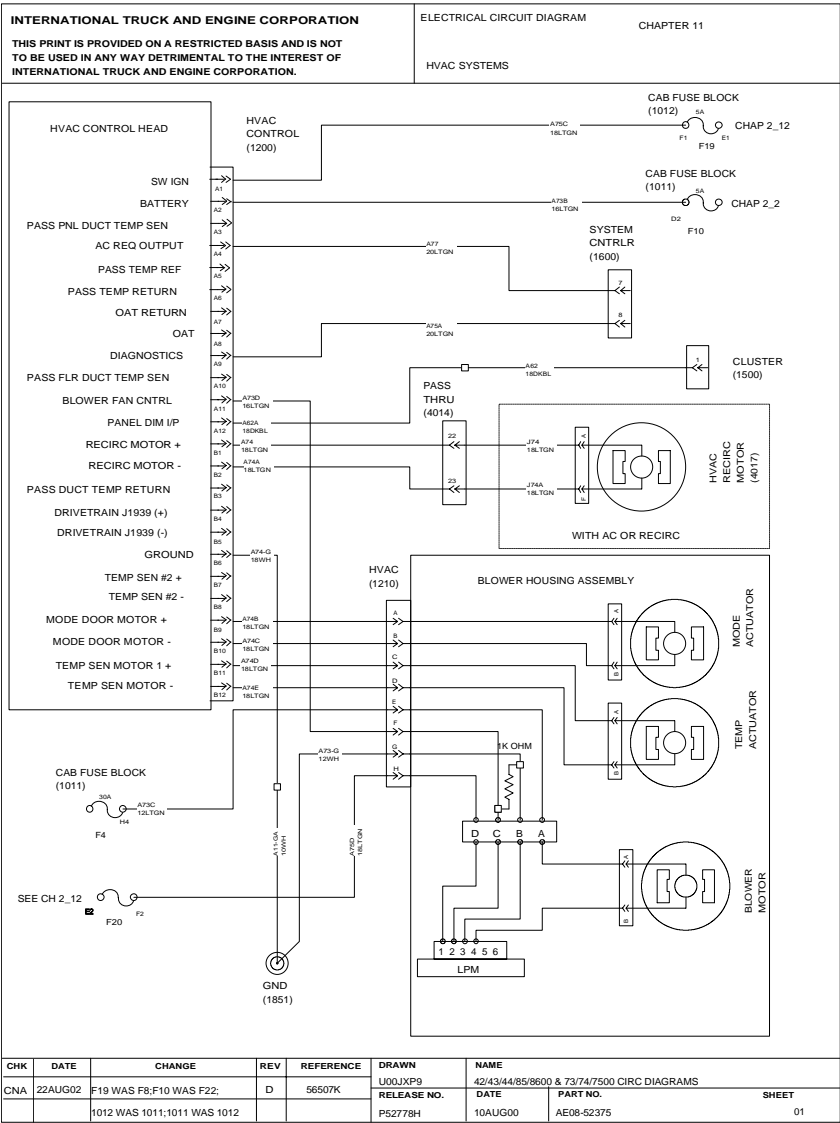


Figure 140 HVAC Systems

AIR CONDITIONING (ONLY), P. 2

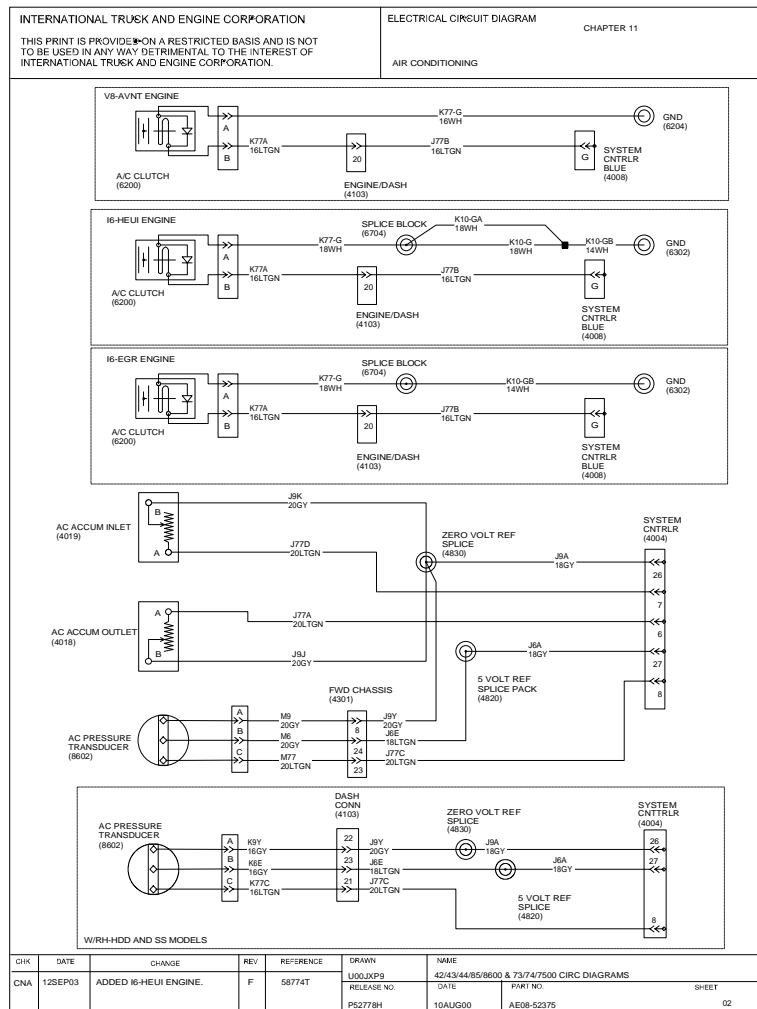
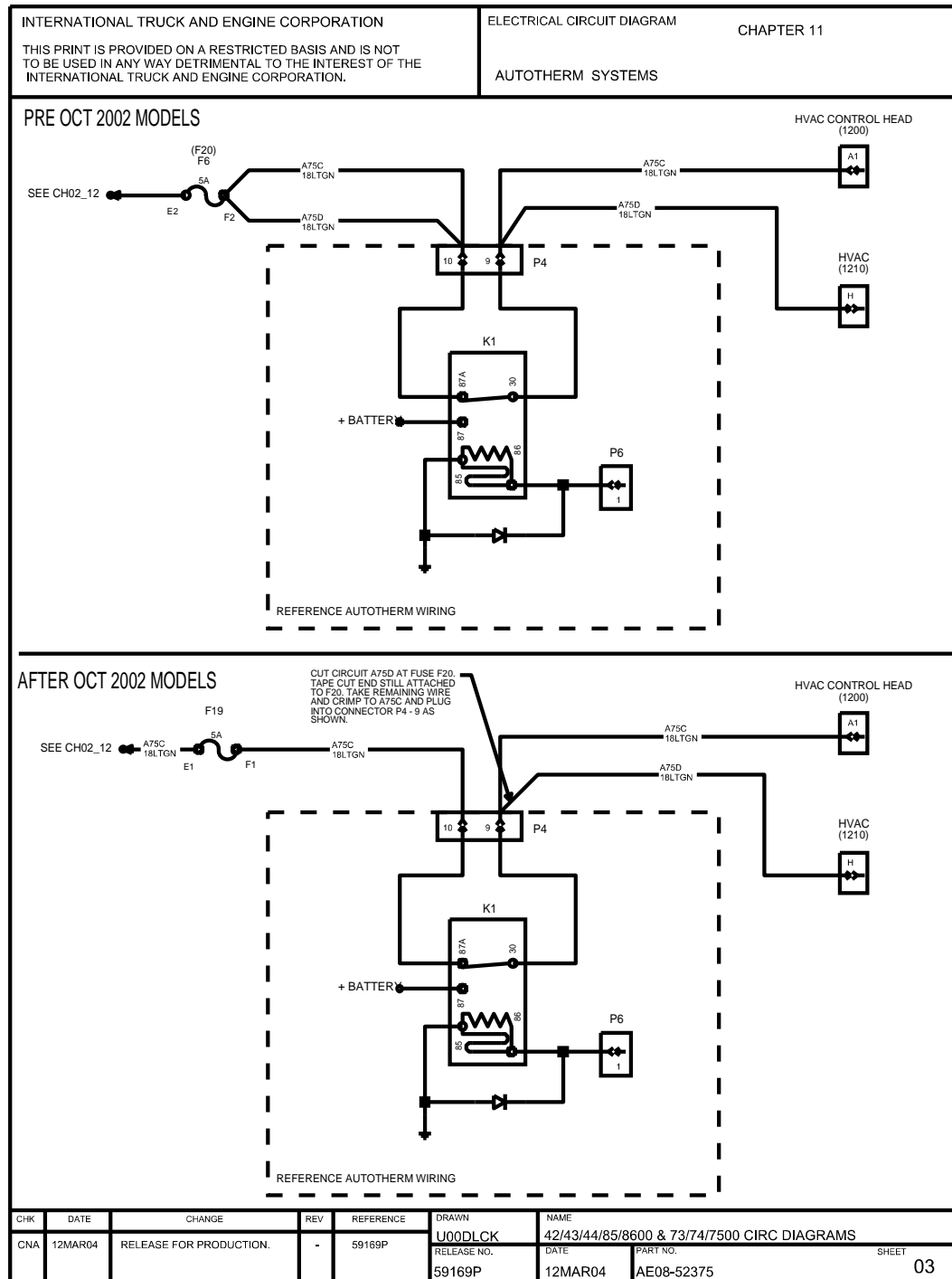


Figure 141 Air Conditioning (Only)

## AUTOTHERM SYSTEMS, P. 3



**Figure 142 Air Conditioning (Only)**