7. GAUGES WITH AND WITHOUT INTEGRAL WARNING LIGHT (CHAPTER 7)

7.1. IP/GAUGE LIST, P. 1

		INSTRUMENT PANEL GAUGES		
GAUGE	WARN LIGHT	SIGNAL PATH	SENSOR LOCATION	
RPM (TACH)	NO	ENGINE CTRLR/DRIVE TRAIN J1939/CLUSTER	ENGINE	
MPH/KPH (SPD)	NO	ENGINE CTRLR/DRIVE TRAIN J1939/CLUSTER	TRANSMISSION	
FUEL	YES	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	FUEL TANK	
VOLT	YES	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER		
AIR 1 (PRES)	YES	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	INSIDE CAB - DASH PNL	
AIR 2 (PRES)	YES	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	STEERING COL AREA	
WATER (TEMP)	YES	ENGINE CTRLR/DRIVE TRAIN J1939/CLUSTER	ENGINE	
ENG OIL (TEMP)	YES	ENGINE CTRLR/DRIVE TRAIN J1939/CLUSTER	ENGINE	
OIL (PRES)	YES	ENGINE CTRLR/DRIVE TRAIN J1939/CLUSTER	ENGINE	
TRANS (TEMP) AIR APPLICATION	YES NO	XMSN CTRLR/SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	TRANSMISSION FWD CHASSIS	
REAR AXLE TEMP	YES	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER	AXLE	
NOTES: 1) WARNING LIGHTS A	RE PART OF THE	GAUGES AND LOCATED IN THE GAUGE		

Figure 82 IP/Gauge List

16JAN01

PRODUCTION RELEASE.

P54304U

P52778H

09AUG00

42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS
DATE PART NO.

AE08-52371

7.2. WARNING LIGHT LIST, P. 2

	TIONAL TRUCK AND ENGINE CO			l E	LECTR	CAL CIRSUIT DI	AGRAM	CHAPTER 7
E USE	T IS PROVIDE® ON A RESTRICTED E ED IN ANY WAY DETRIMENTAL TO TH IONAL TRUSK AND ENGINE CORPOR	HE INT	TEREST OF	١	WARNIN	G LIGHTS LIST		
			IP WARNING LIGHT	rs				
_	WARNING LIGHT	\top	SIGNAL PATH					
	TITLE							SENSOR LOCATION
	RANGE INHIBITED	+	TRANS CTRLR/DR					
-	FUEL FILTER	\top	SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER					FUEL FILTER
	ENGINE (YELLOW LED)		ENGINE CTRLR/D					
	ENGINE (RED LED)	\top	ENGINE CTRLR/DRIVE TRAIN J1939/CLUSTER					
-	BRAKE PRESSURE (①) BRAKE FLUID TRAC CTRL CHECK TRANS		SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER TRUCK ABS CTRLR/DRIVE TRAIN J1939/CLUSTER					SWITCH
								BRK RESEVOIR
_								
-			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					TOTALOGOT
_	WATER IN FUEL	+	SYSTEM CTRLR/E	RIVE TRAIN	J1939/C	LUSTER		FUEL FILTER
I	COOLANT LEVEL CHECK ELECT SYS		ENGINE CTRLR/DI					SURGE TANK
_			SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER					SURGE TANK
_		+						
-	PARK ((**)) CRUISE ABS (RIGHT TURN) WAIT TO START FASTEN BELTS (HIGH BEAM IND) COLD AMB PROTEC RETARD OVERHEAT CHECK AC AUTO NEUTRAL ALTERNATOR PTOTHROTILE OPTIMIZED IDLE SNOW VALVE FR AXLE DIFF LOCK		SYSTEM CTRIADRIVE TRAIN J1939/CLUSTER SYSTEM CTRIADRIVE TRAIN J1939/CLUSTER TRUCK CTRIADRIVE TRAIN J1939/CLUSTER SYSTEM CTRIADRIVE TRAIN J1939/CLUSTER ENGINE CTRIADRIVE TRAIN J1939/CLUSTER SYSTEM CTRIADRIVE TRAIN J1939/CLUSTER SYSTEM CTRIADRIVE TRAIN J1939/CLUSTER SYSTEM CTRIADRIVE TRAIN J1939/CLUSTER					SWITCH
-								
_								
_								
_								
_								
			SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER					
-			TRANS CTRLRORIVE TRAIN J 1939/CLUSTER SYSTEM CTRLRICHIVE TRAIN J 1939/CLUSTER DISCRETE NOT ON DATA BUS DISCRETE NOT ON DATA BUS SYSTEM CTRLRICHIVE TRAIN J 1939/CLUSTER DISCRETE NOT ON DATA BUS					TRANSMISSION
								SWITCH
								SNOW VALVE
								FWD RR AXLE
	RR AXLE DIFF LOCK	T	DISCRETE NOT ON DATA BUS					RR RR AXLE
	MESSAGE WAIT	\perp						
	РТО							
	CONVERTER TEMP							
	TOUCHLOC RELEASE							
	PARK FLUID FR AXLE ENGAGED		SYSTEM CTRLR/DRIVE TRAIN DISCRETE NOT ON DATA BUS					
								TRANSFER CASE
DAT	TE CHANGE	REV	REFERENCE	DRAWN		NAME		
29SEF	203 ADDED FR AXLE ENGAGED.	В	58928U	U00JXP9 RELEASE NO.		42/43/44/85/8600 DATE	& 73/74/7500 CIR PART NO.	C DIAGRAMS SHEET
		1		P52778H		09AUG00	AE08-52371	UNLE

Figure 83 Warning Light List

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

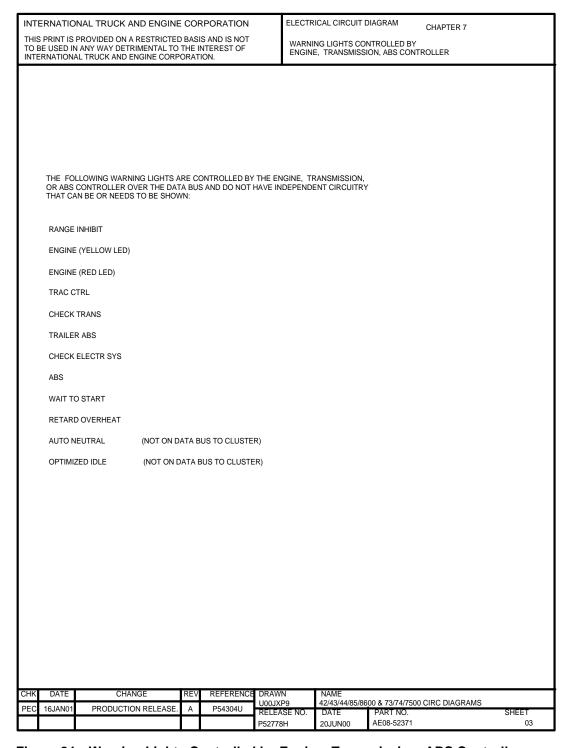


Figure 84 Warning Lights Controlled by Engine, Transmission, ABS Controller

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

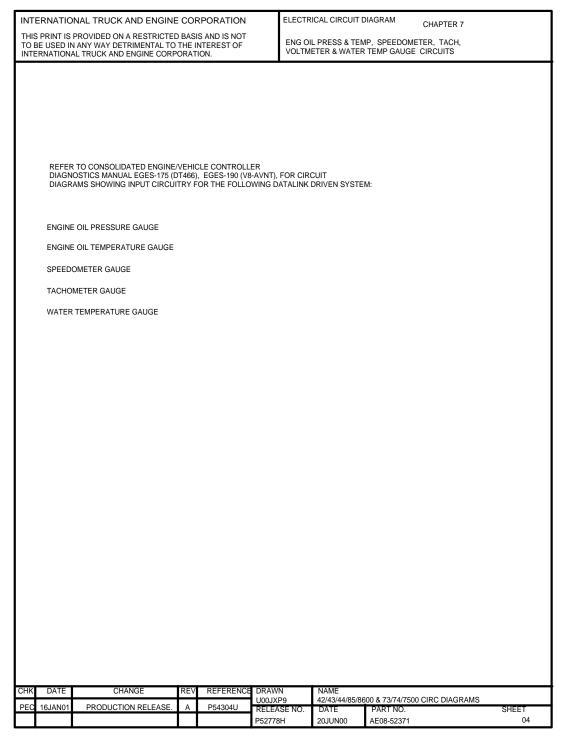


Figure 85 Engine Oil Pressure and Temp, Speedometer, Tach, Voltmeter and Water Temp Gauge Circuits

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

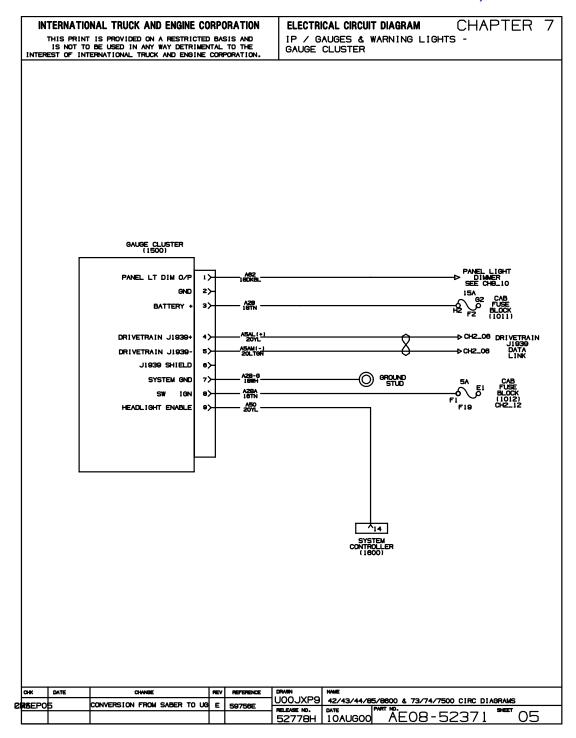


Figure 86 IP/Gauges and Warning Lights — Gauge Cluster

7.6. AIR PRESSURE INPUT CIRCUIT, P. 6

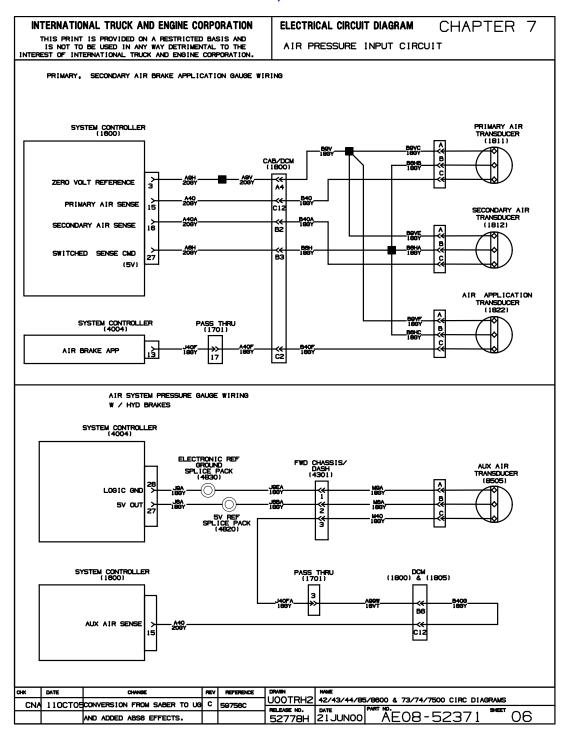


Figure 87 Air Pressure Input Circuit

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

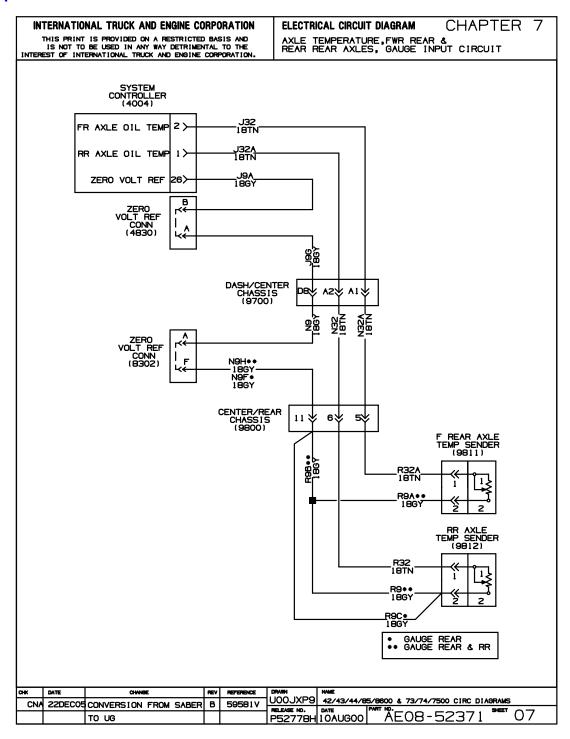


Figure 88 Axle Temperature, FWD Rear and Rear Axles, Gauge Input Circuit

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

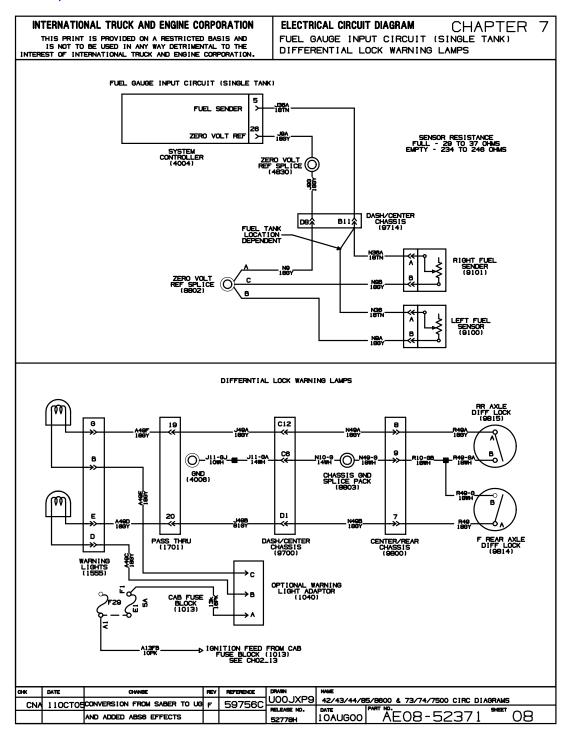


Figure 89 Fuel Gauge Input Circuit (Single Tank) Differential Lock Warning Lamps

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

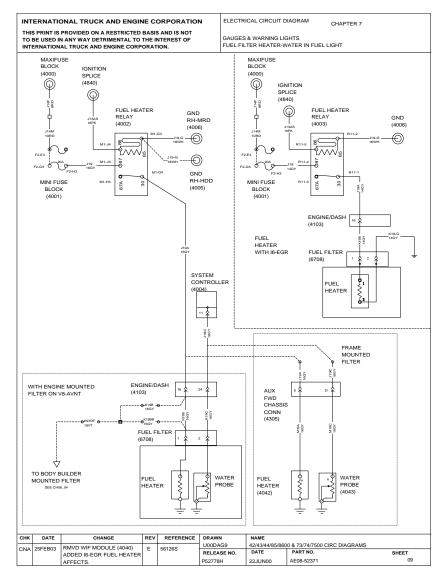


Figure 90 Gauges and Warning Lights — Fuel Filter Restriction and Water in Fuel Lights

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

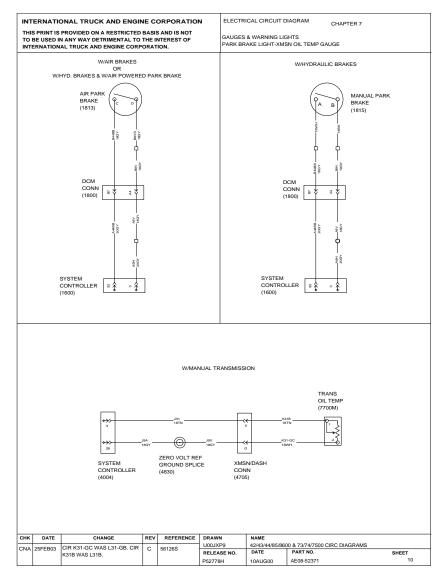


Figure 91 Gauges and Warning Lights — Park Brake Light and Transmission Oil Temp. Gauge

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

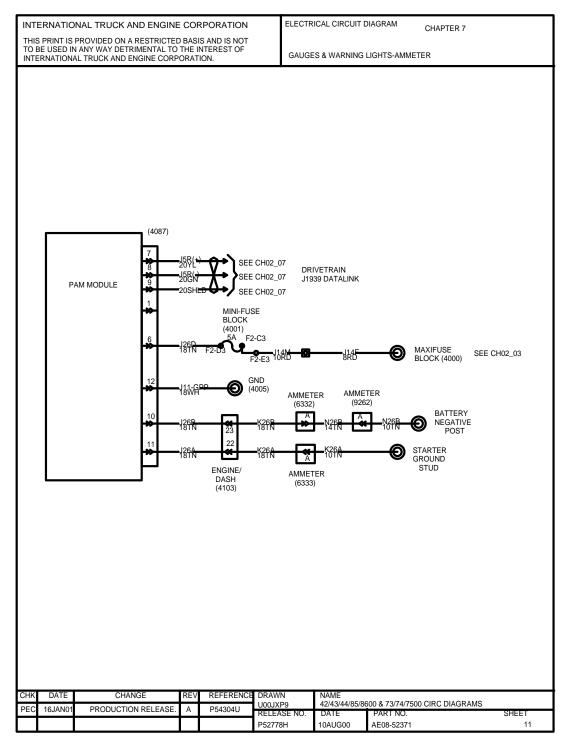


Figure 92 Gauges and Warning Lights — Ammeter

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

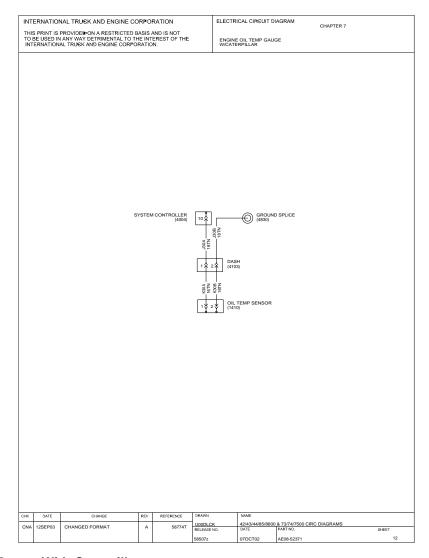


Figure 93 Engine Oil Temperature Gauge With Caterpillar

7.13. FRONT AXLE ENGAGEMENT LAMP, P. 13

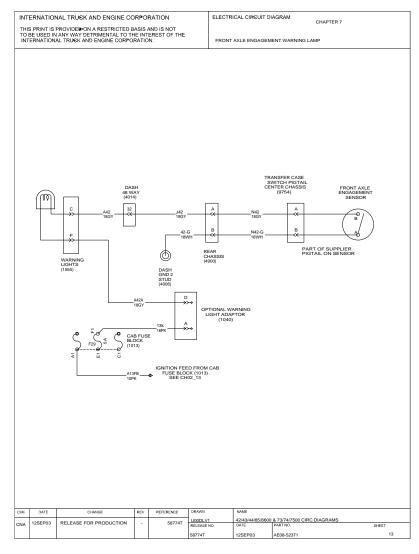


Figure 94 Front Axle Engagement Lamp

8. LIGHTS (CHAPTER 8)

8.1. BACKUP LIGHTS, P. 1

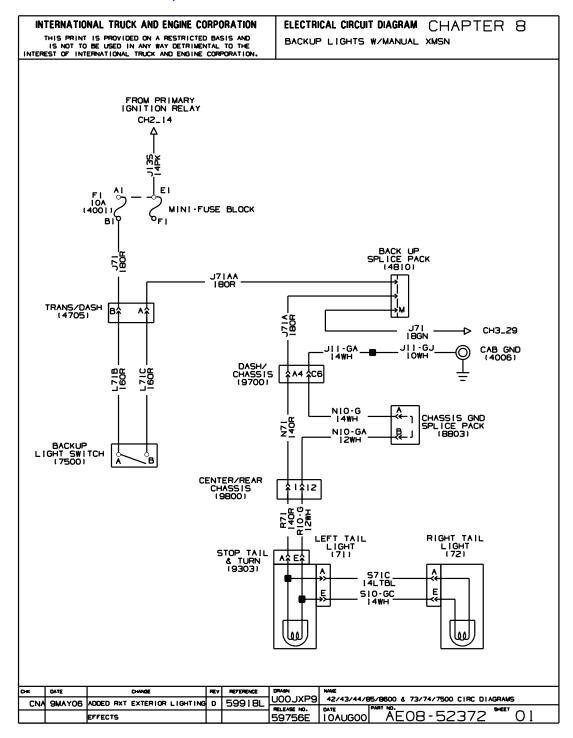


Figure 95 BackUp Lights

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

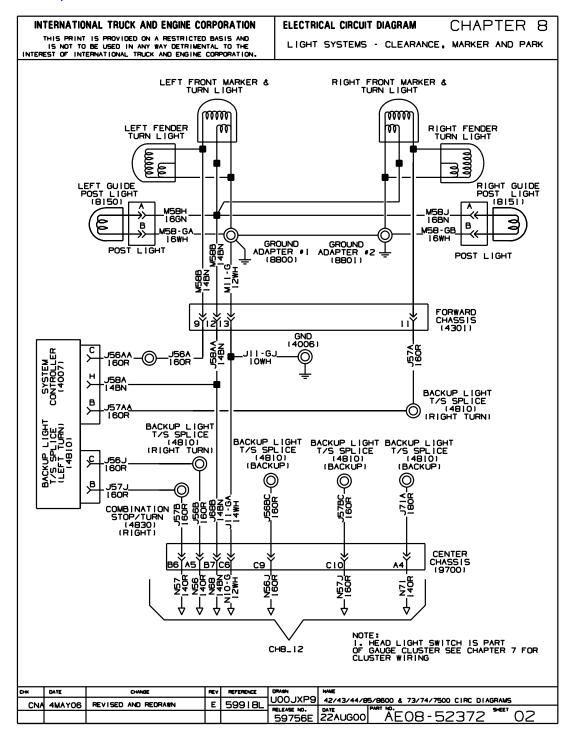


Figure 96 Light Systems — Clearance, Marker, Park, Tail, Turn and Stop Lamps

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

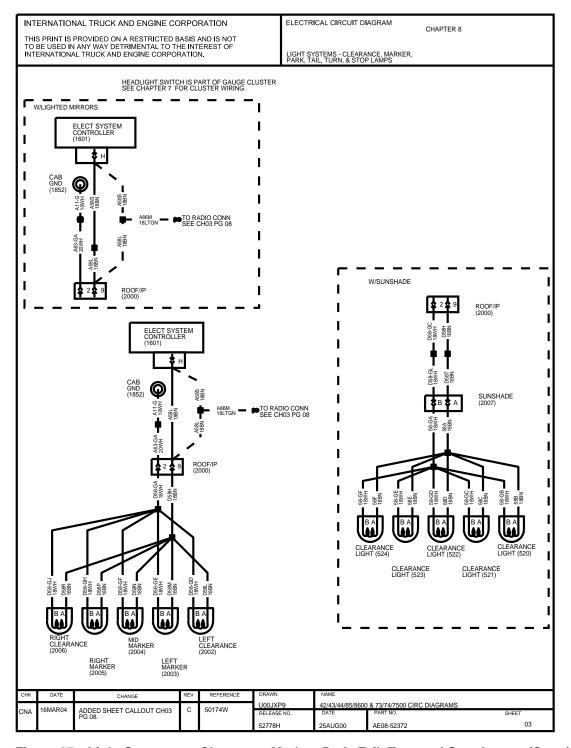


Figure 97 Light Systems — Clearance, Marker, Park, Tail, Turn and Stop Lamps (Cont.)

8.4. LIGHT SYSTEMS — TURN SIGNAL AND STOP SWITCHES, P. 4

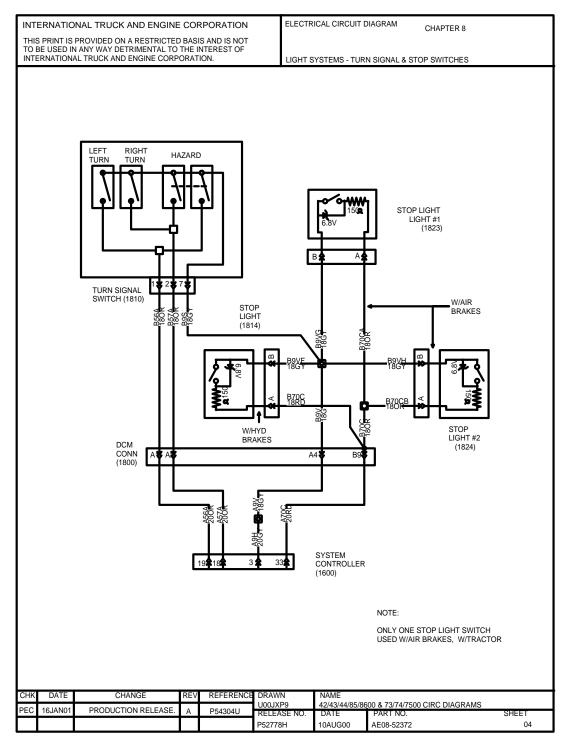


Figure 98 Light Systems — Turn Signal and Stop Switches

8.5. DOME LIGHT, MAP LIGHT, P. 5

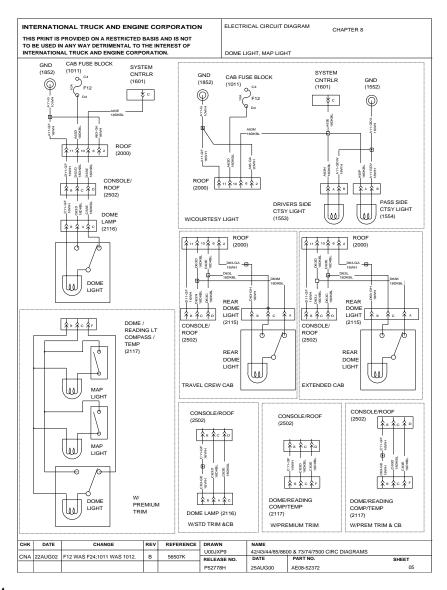


Figure 99 Dome Light, Map Light

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

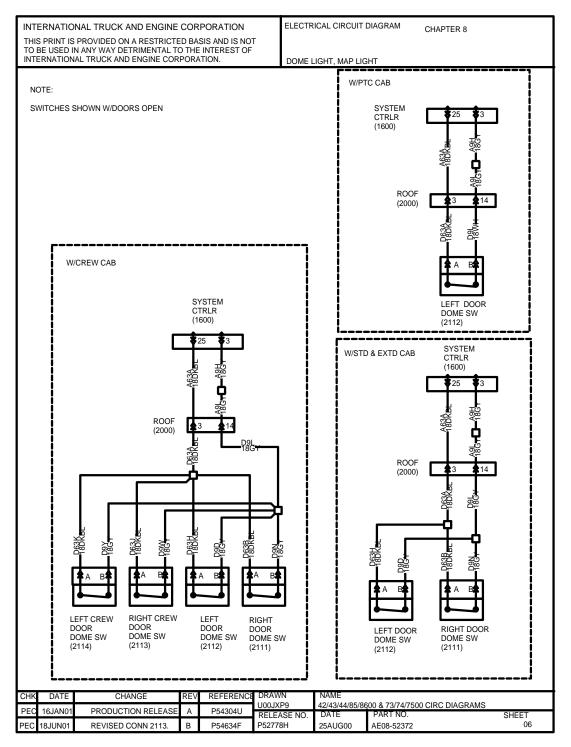


Figure 100 Dome Light, Map Light (Cont.)

8.7. FOG LIGHT AND WORK LIGHT, P. 7

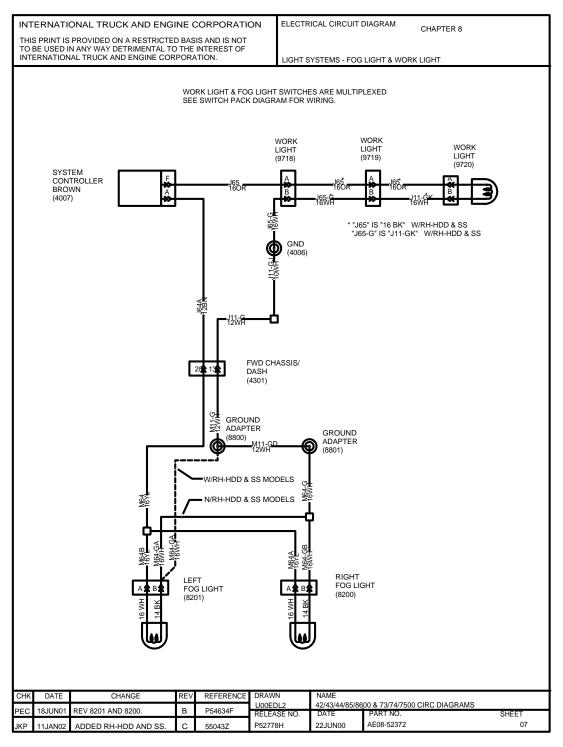


Figure 101 Fog Light and Work Light

8.8. HEADLIGHTS, P. 8

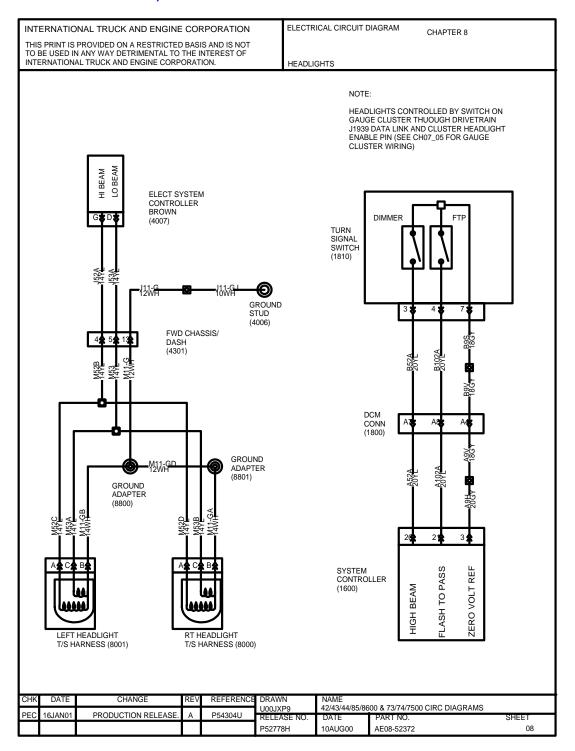


Figure 102 Headlights

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

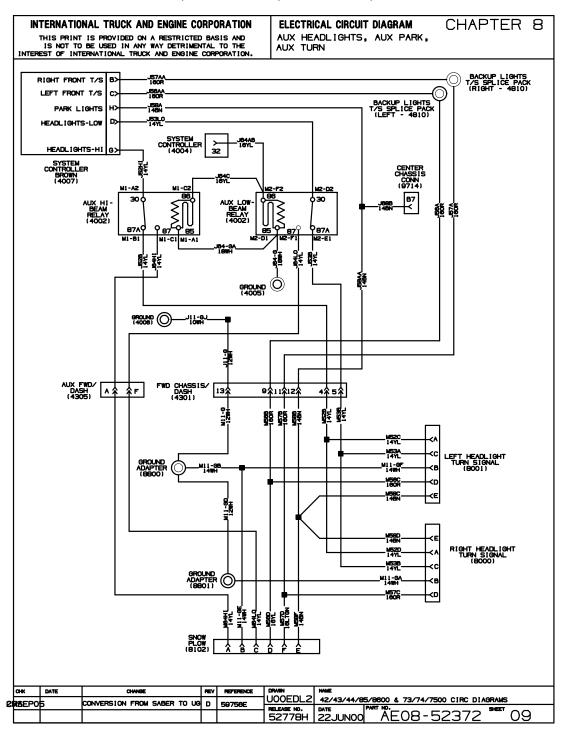


Figure 103 Aux. Headlights, Aux. Park, Aux Turn

8.10. PANEL LIGHTS, P. 10

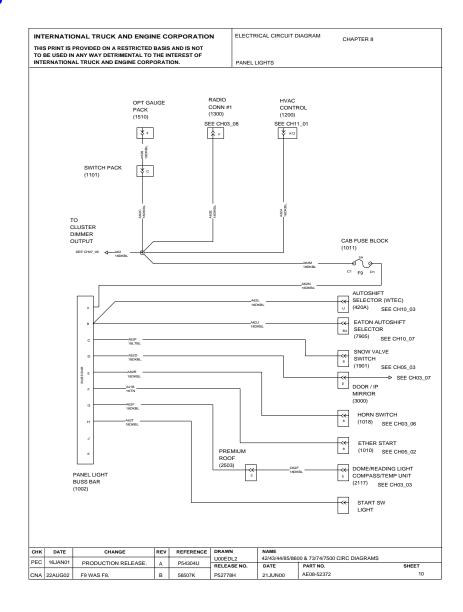


Figure 104 Panel Lights

8.11. RXT EXTERIOR LIGHTING, P. 11

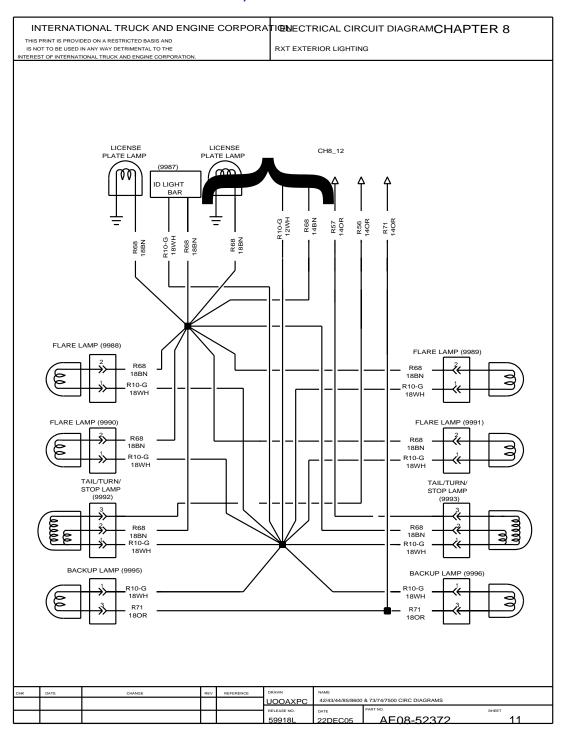


Figure 105 RXT Exterior Lighting

8.12. TAIL, TURN, AND STOP LAMPS, P. 12

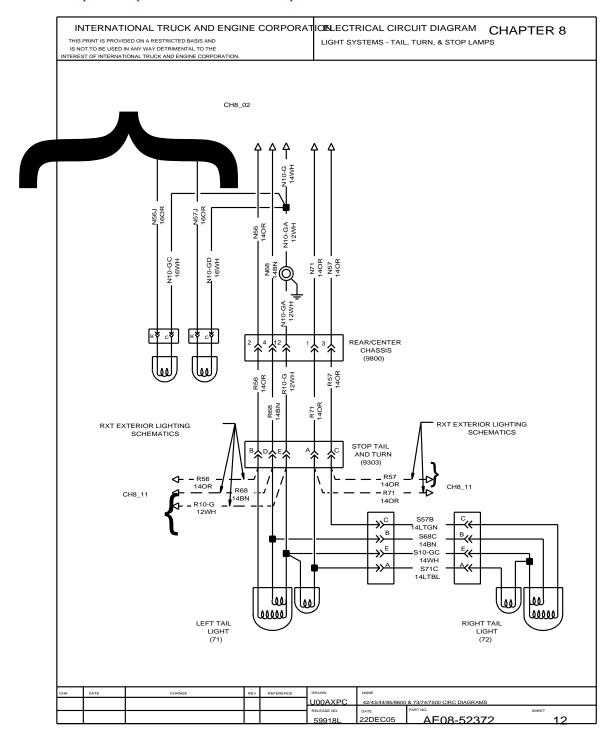


Figure 106 Tail, Turn, and Stop Lamps

9. CHASSIS ACCESSORIES (CHAPTER 9)

9.1. AIR DRYER AND HEATED DRAIN VALVE, P. 1

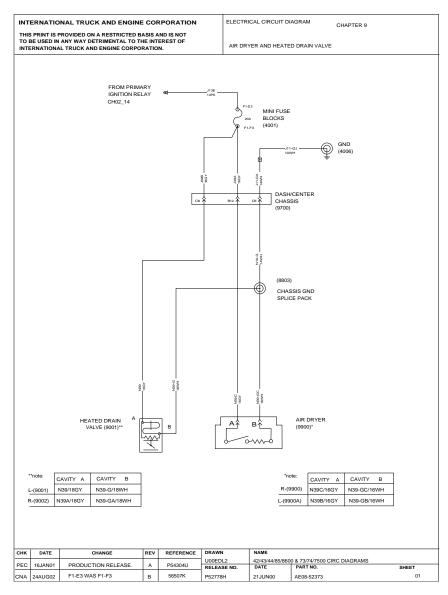


Figure 107 Air Dryer and Heated Drain Valve

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

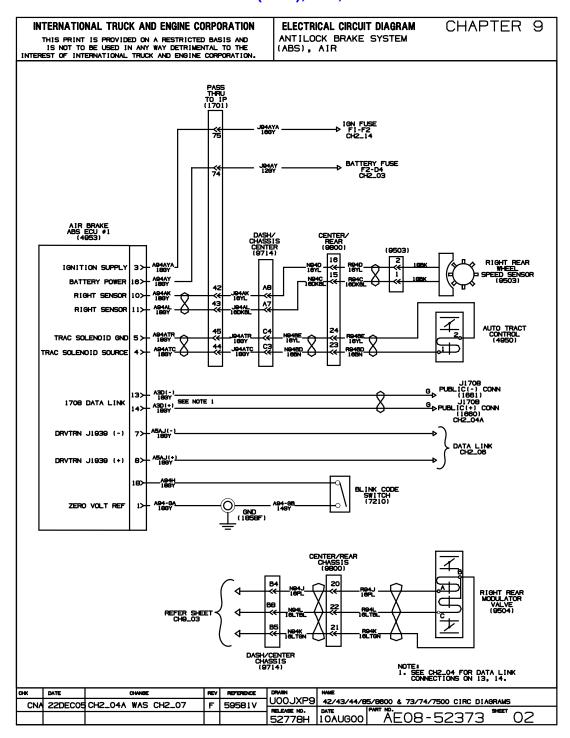


Figure 108 Antilock Brake System (ABS), Air

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

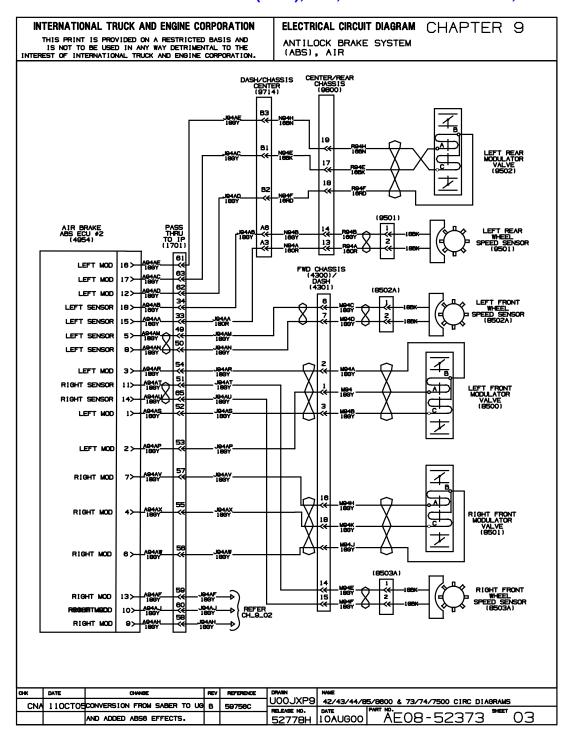


Figure 109 Antilock Brake System (ABS), Air, Traction Control

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

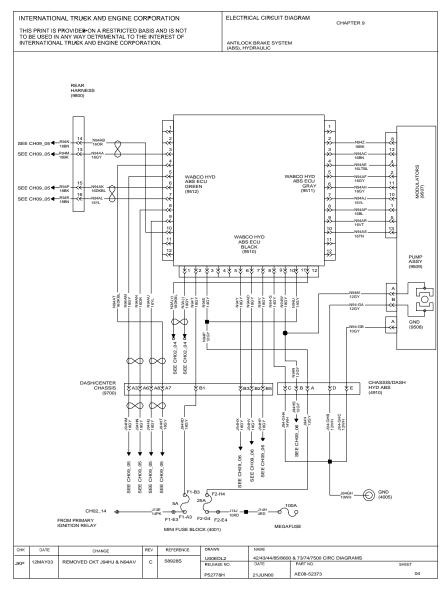


Figure 110 Antilock Brake System (ABS), Hydraulic

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

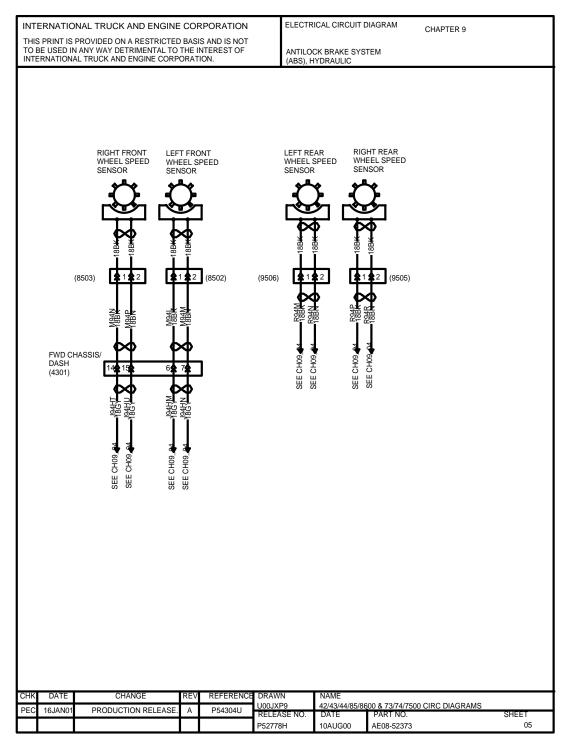


Figure 111 Antilock Brake System (ABS), Hydraulic (Cont.)

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

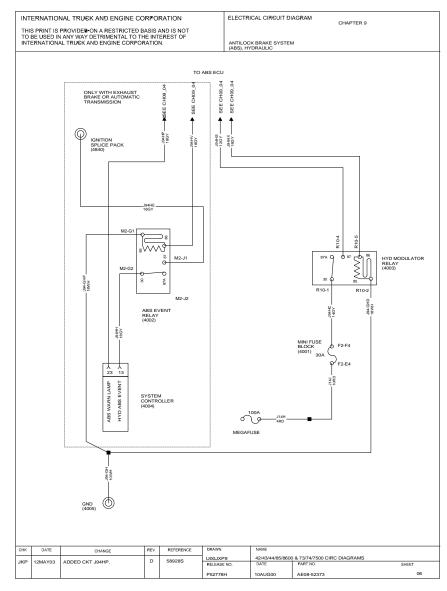


Figure 112 Antilock Brake System (ABS), Hydraulic (Cont.)

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

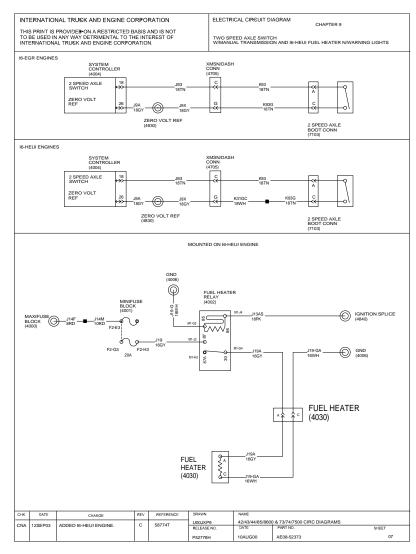


Figure 113 Two Speed Axle Switch With Manual Transmission and I6 HEUI Fuel Heater N/Warn Lights

9.8. BRAKE SYSTEM, HYDRAULIC, P. 8

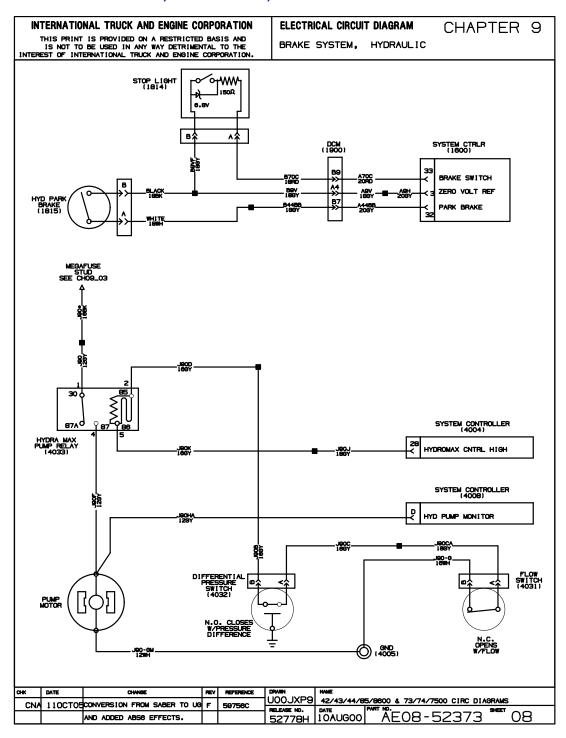


Figure 114 Brake System, Hydraulic

9.9. FUEL TRANSFER PUMP, P. 9

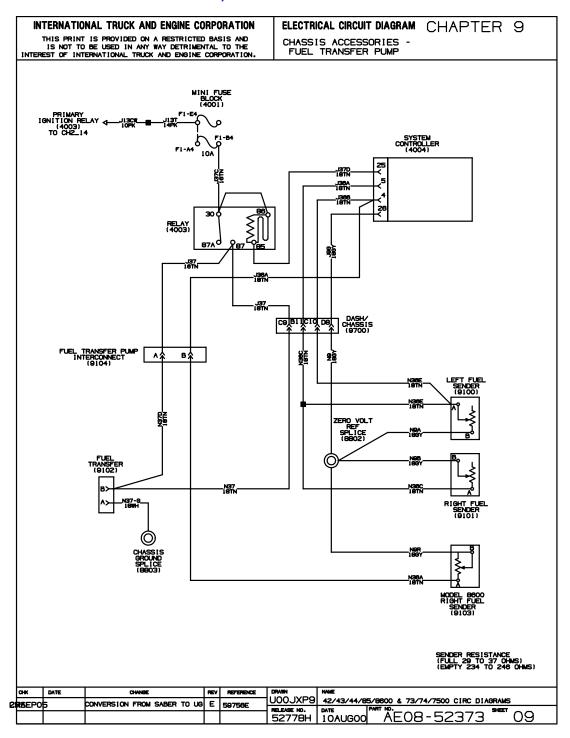


Figure 115 Fuel Transfer Pump

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

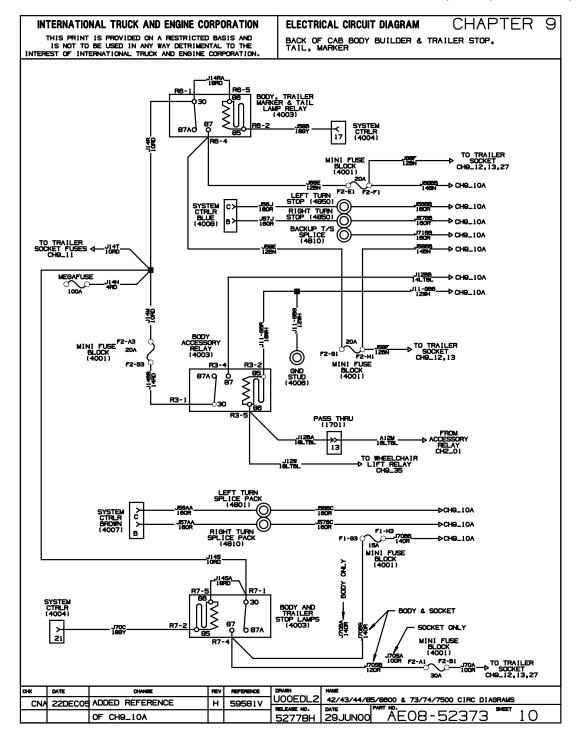


Figure 116 Back of Cab Body Builder and Trailer Stop, Tail, Marker

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

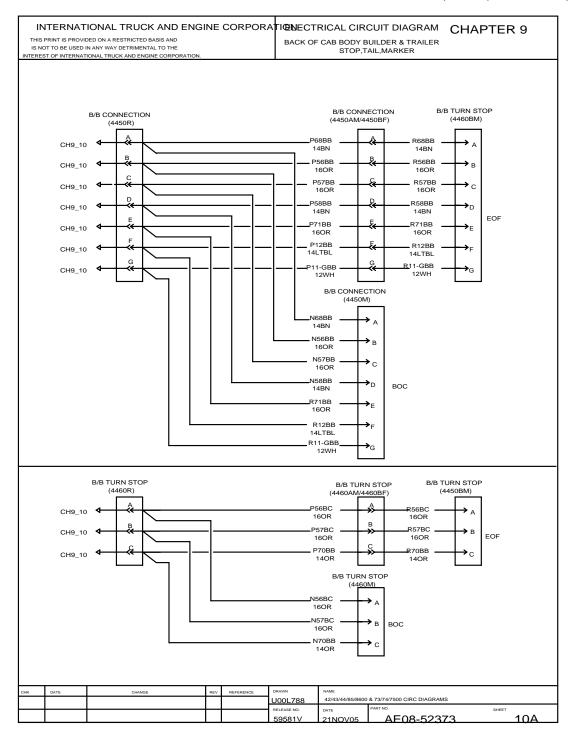


Figure 117 Back of Cab Body Builder and Trailer Stop, Tail, Marker

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

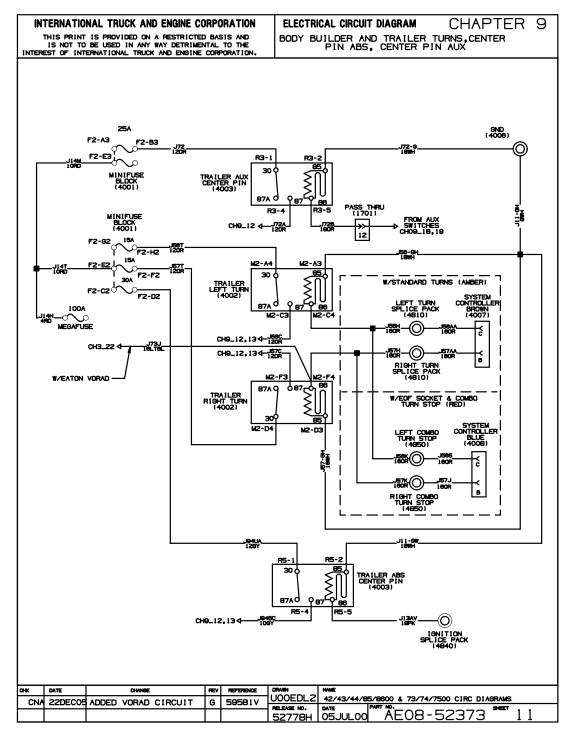


Figure 118 Body Builder and Trailer Turns, Center Pin ABS, Center Pin Aux

9.13. BODY BUILDER AND 7-WAY TRAILER SOCKET BACK OF CAB SOCKET, P. 12

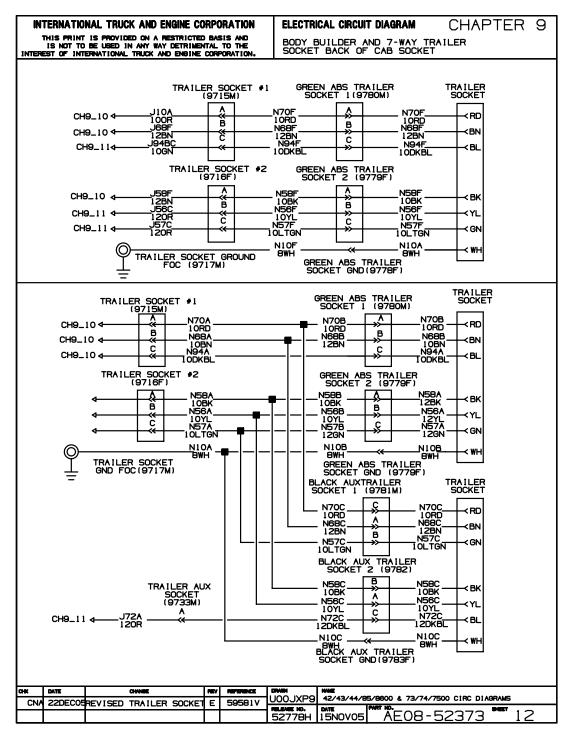


Figure 119 Body Builder and Trailer Socket Back of Cab Sockets

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

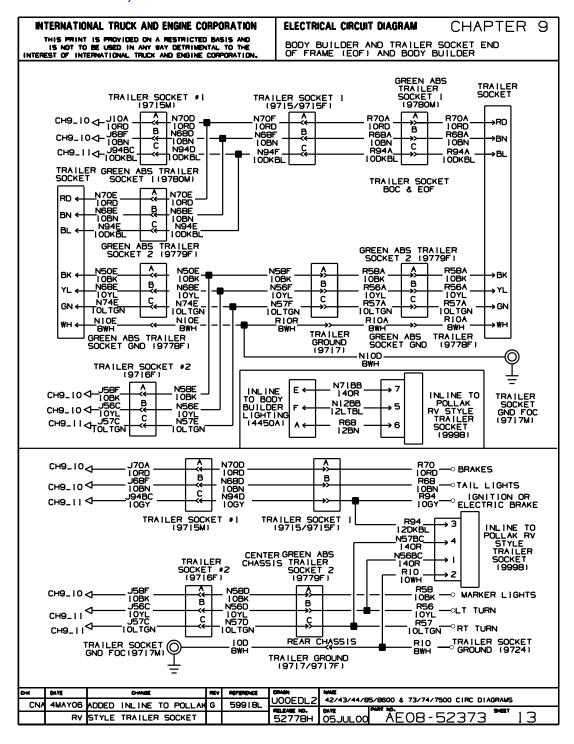


Figure 120 Body Builder and Trailer Socket End of Frame (EOF) Socket and Body Builder

9.15. AIR SOLENOID 4-WAY PACK, P. 14

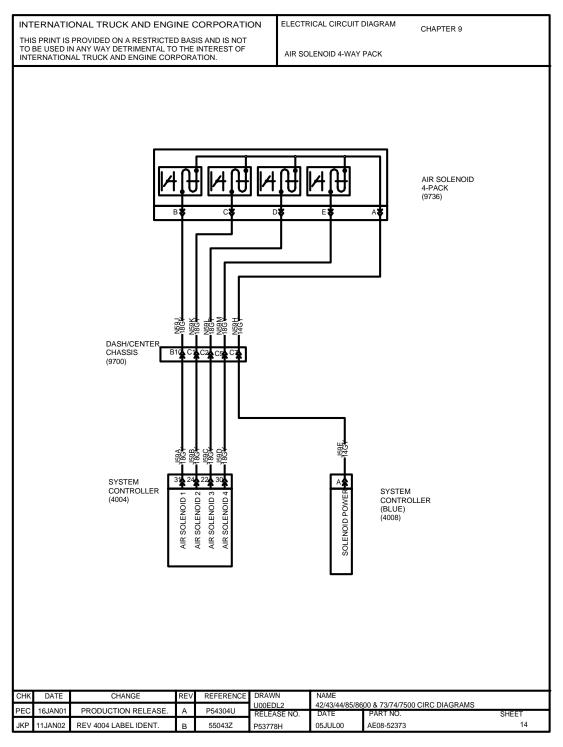


Figure 121 Air Solenoid 4-Way Pack

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

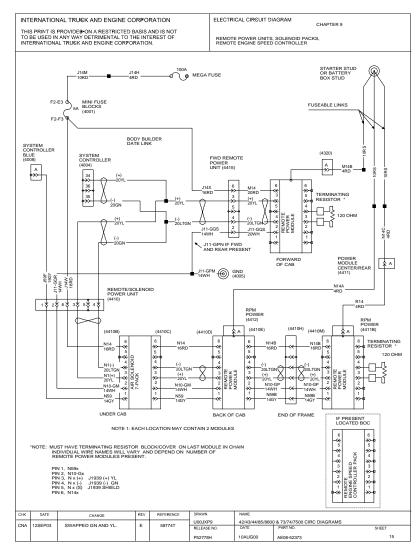


Figure 122 Remote Power Units, Solenoid Packs, Remote Engine Speed Controller

9.17. HYD POWER PARK, P. 16

INTERNATIONAL TRUCK AND ENGINE CORPORATION			ELECTR	ELECTRICAL CIRCUIT DIAGRAM		
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.			CHASS	CHAPTER 9 CHASSIS ACCESSORIES - HYD POWER PARK		
DIAGRAM NOT AVAILABLE						
CHK DATE PEC 16JAN01	CHANGE PRODUCTION RELEASE.	REV REFERENCE A P54304U	U00EDL2		600 & 73/74/7500 CIRC DIAGRAMS	OUEEE
. 20 100ANOT	. NODGOTION NELLAGE.	1 010010	RELEASE NO. P52778H	DATE 10JUL00	PART NO. AE08-52373	SHEET 16

Figure 123 HYD Power Park

9.18. AIR SUSPENSION, P. 17

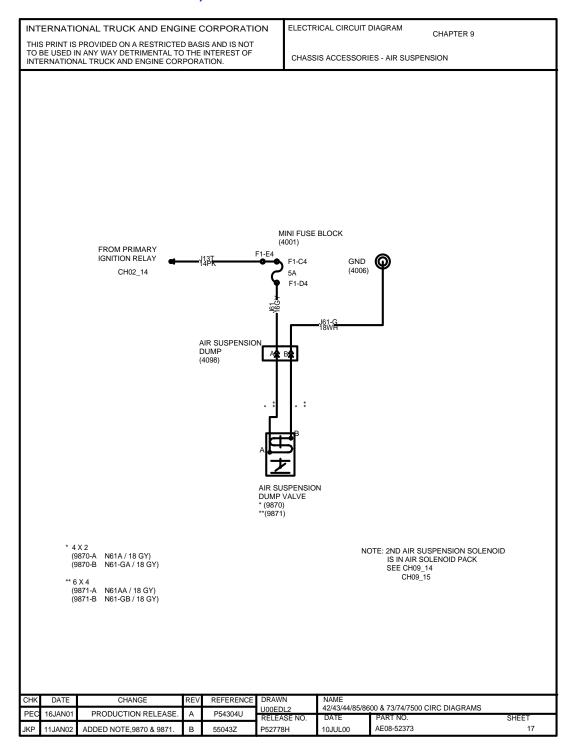


Figure 124 Air Suspension

9.19. AUX. TRAILER, ACC CONTROLLED, P. 18

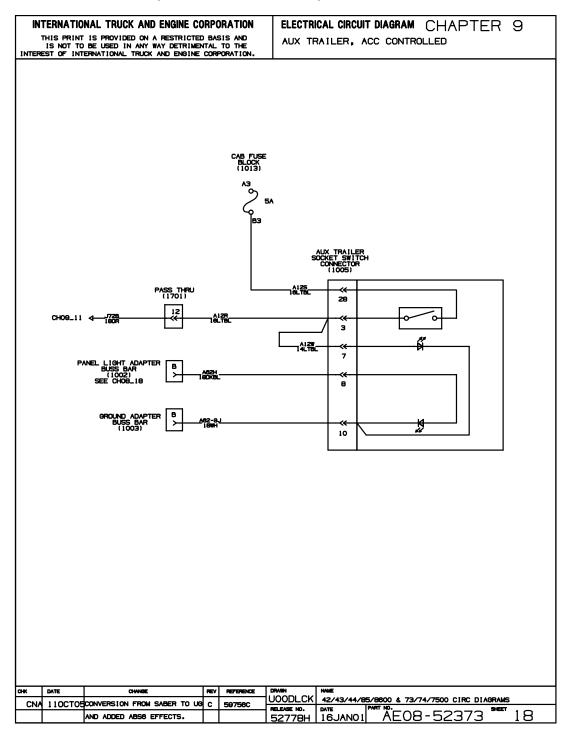


Figure 125 Aux. Trailer, Acc Controlled

9.20. AUX. TRAILER, BTRY CONTROLLED, P. 19

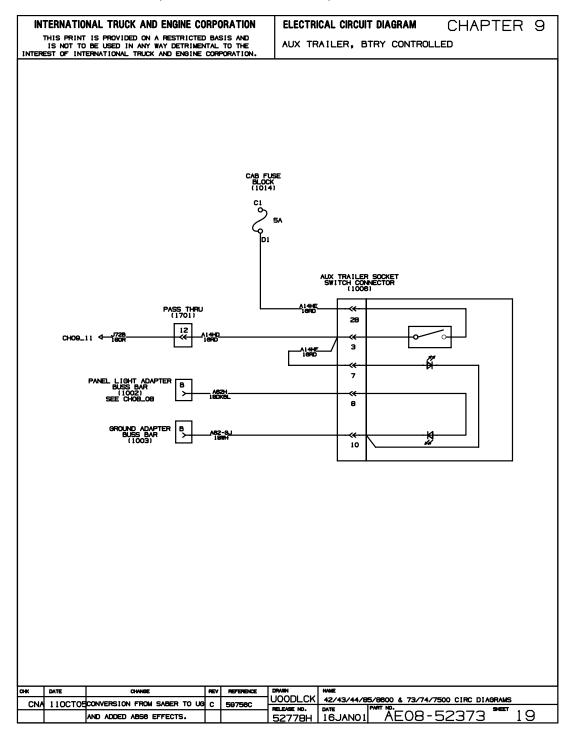


Figure 126 Aux. Trailer, Btry Controlled

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

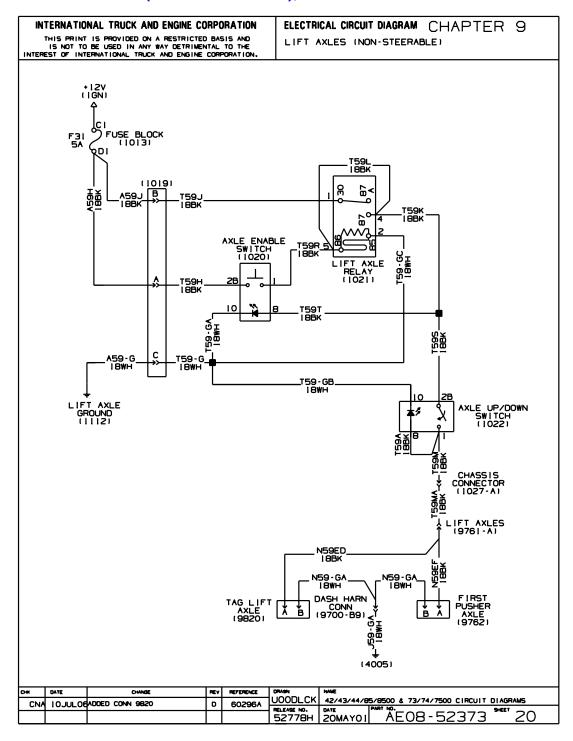


Figure 127 Lift Axles (Non-Steerable)

9.22. LIFT AXLES (STEERABLE), P. 21

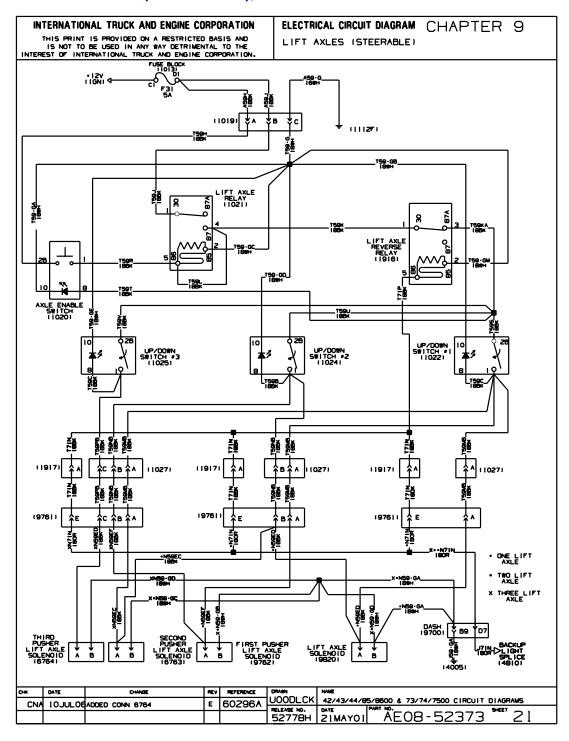


Figure 128 Lift Axles (Non-Steerable)

9.23. AIR ACTUATED PARK BRAKE, P. 22

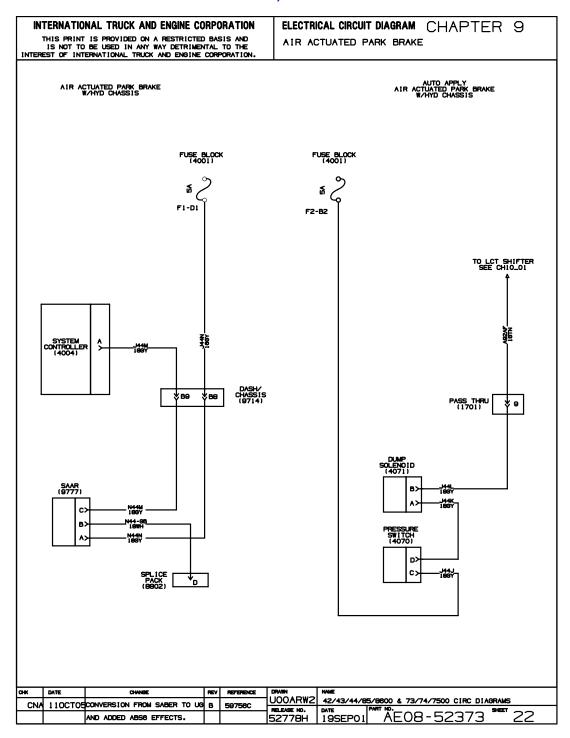


Figure 129 Air Actuated Park Brake

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

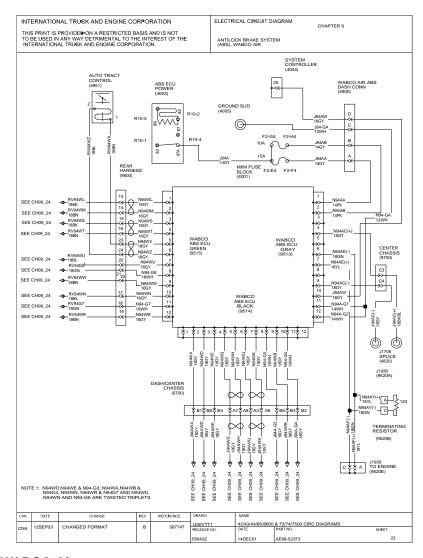


Figure 130 Antilock Brake System, WABCO Air

9.25. ANTILOCK BRAKE SYSTEM, WABCO AIR, P. 24

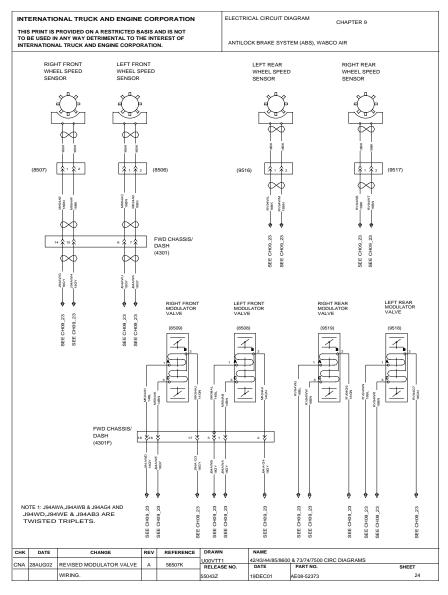


Figure 131 Antilock Brake System, WABCO Air

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

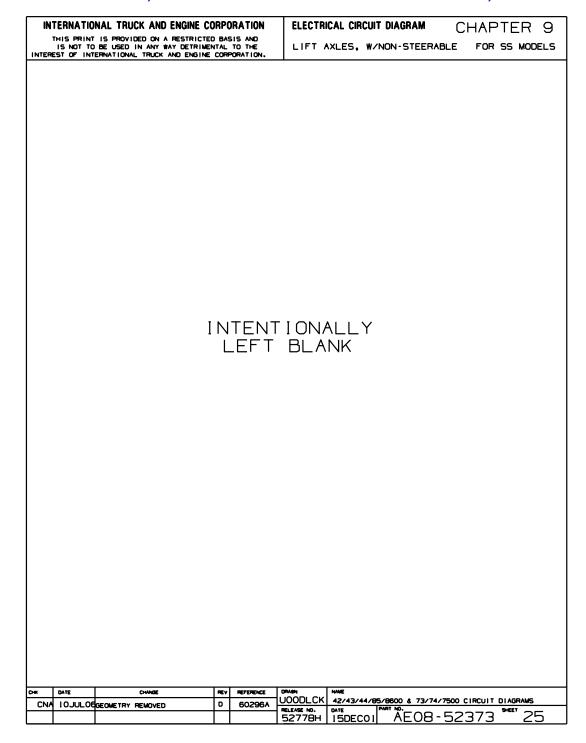


Figure 132 Lift Axles, With Non—Steerable for SS Models

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

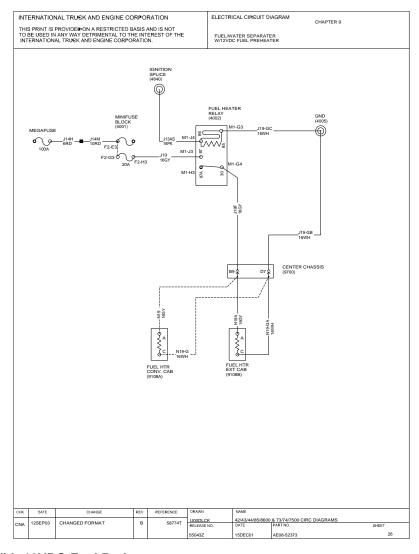


Figure 133 Fuel / Water Separator With 12VDC Fuel Preheater

9.28. ELECTRONIC TRAILER BRAKE ACCOMMODATION, P. 27

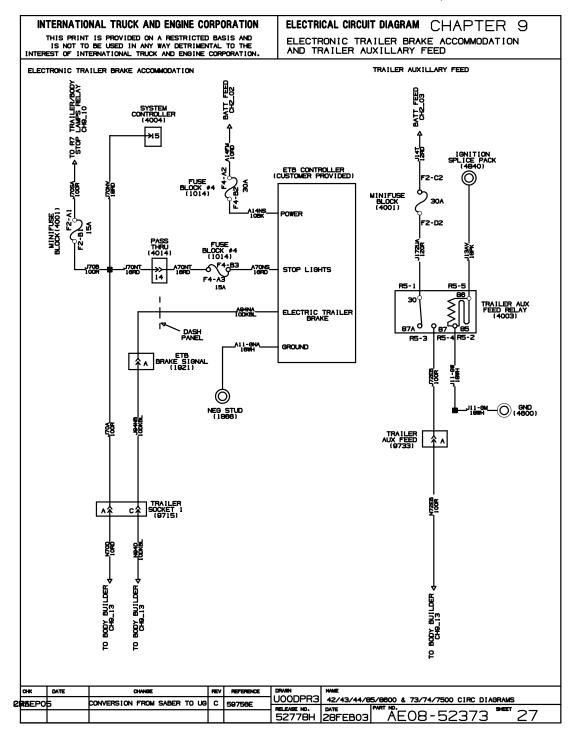


Figure 134 Electronic Trailer Brake Accommodation

9.29. LECTRASHIFT ACCOMMODATION, P. 28

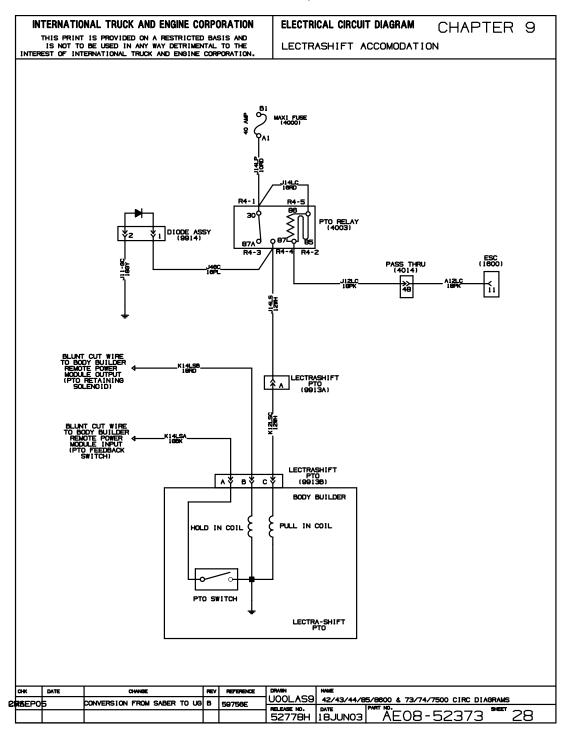


Figure 135 Lectrashift Accommodation

9.30. AUXILIARY 40 AMP CIRCUIT, P. 29

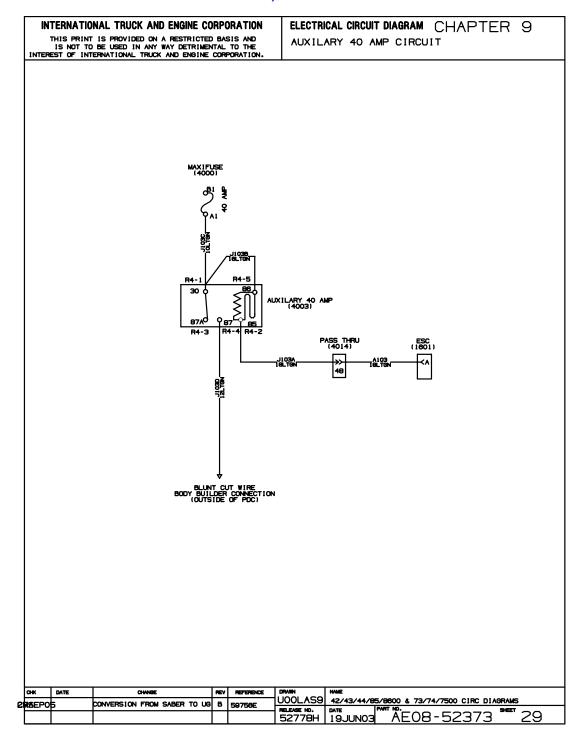


Figure 136 Auxiliary 40 Amp Circuit

9.31. HOURMETER, CUSTOMER MOUNTED PTO, P. 30

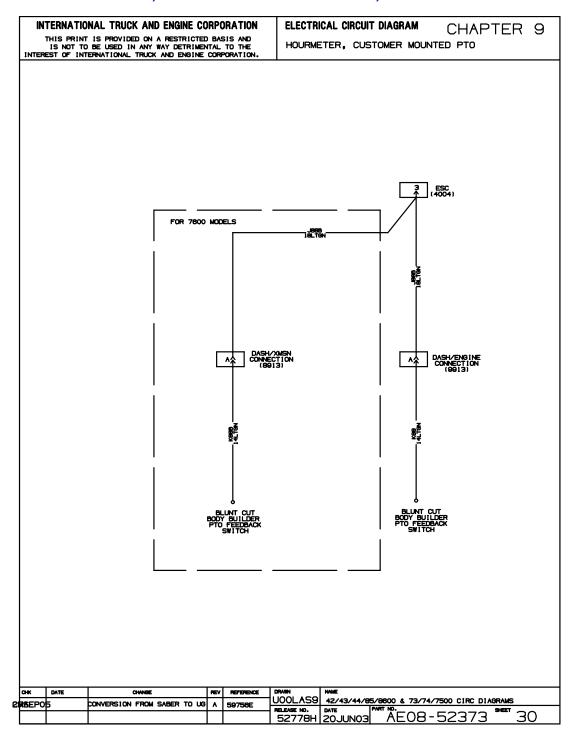


Figure 137 Hourmeter, Customer Mounted PTO

9.32. REMOTE START/ STOP, P. 31

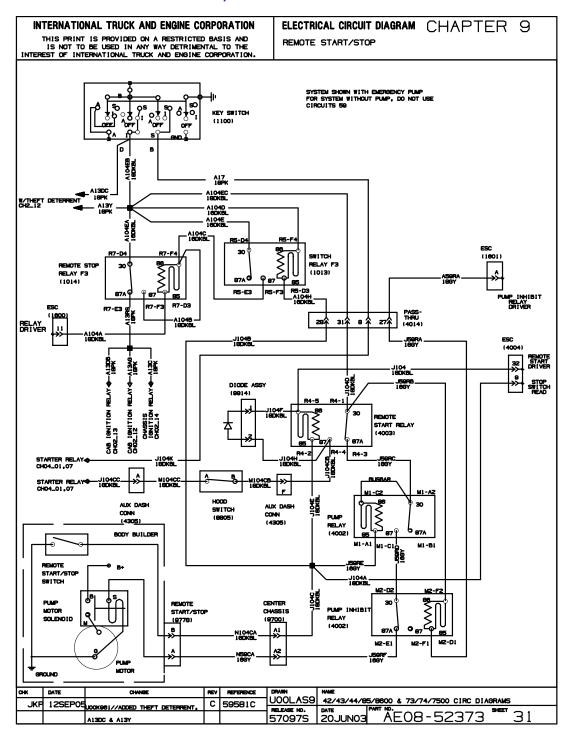


Figure 138 Remote Start/ Stop

9.33. LIFT AXLE WITH 14RAR, P. 32

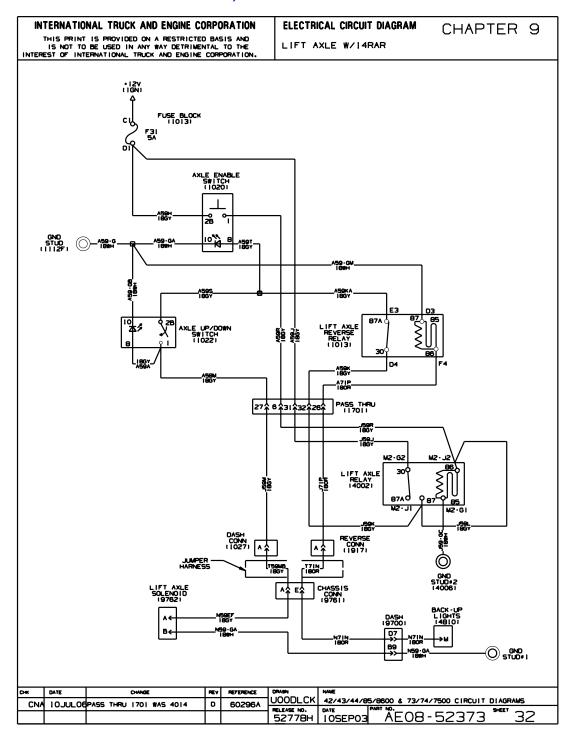


Figure 139 Lift Axle with 14RAR

9.34. LIFT GATE, P. 33

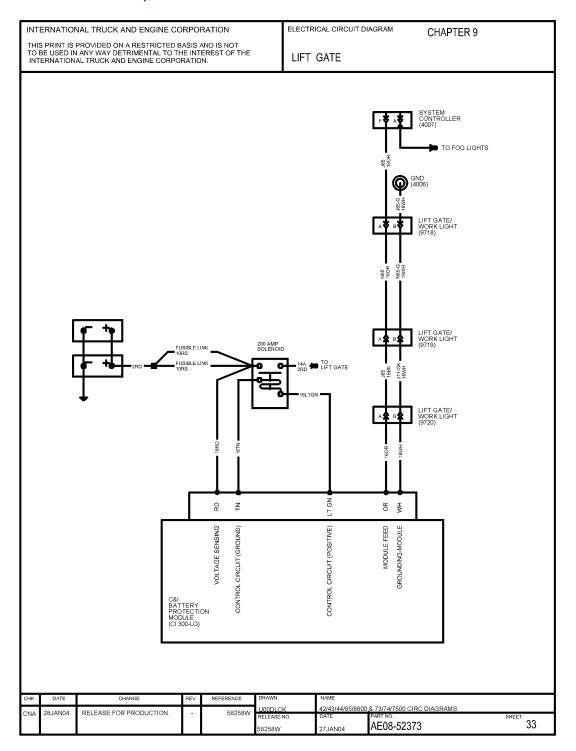


Figure 140 Lift Gate

9.35. LIFT AXLE MULTIPLEX, P. 34

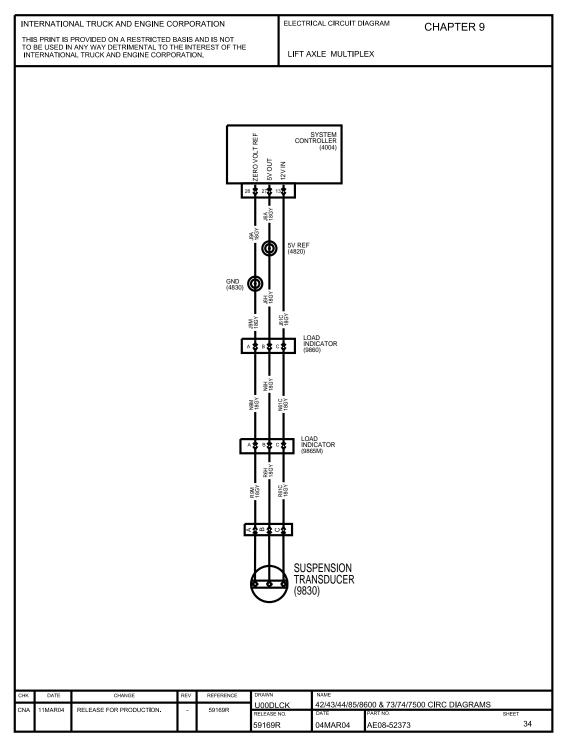


Figure 141 Lift Axle Multiplex

9.36. BODY BUILDER WHEELCHAIR LIFT INTERLOCK ELECTRICAL CONNECTION, P. 35

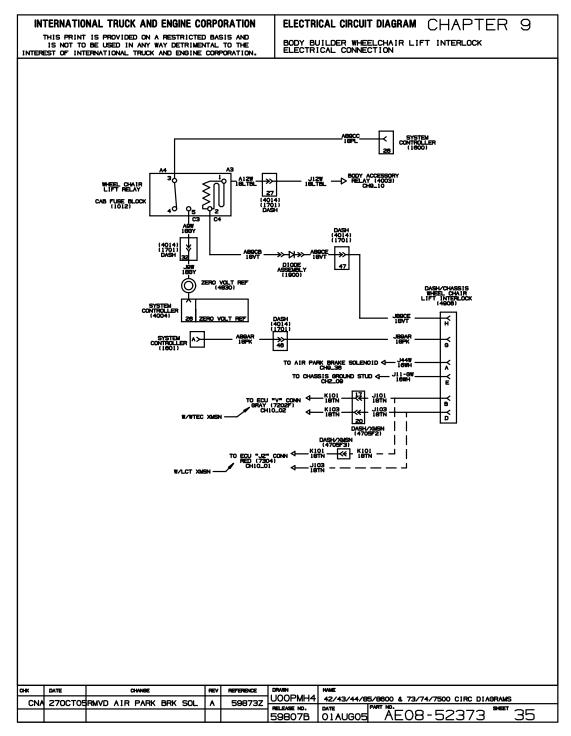


Figure 142 Body Builder Wheelchair Lift Interlock Electrical Connection

9.37. AIR PARK BRAKE INTERLOCK, P. 36

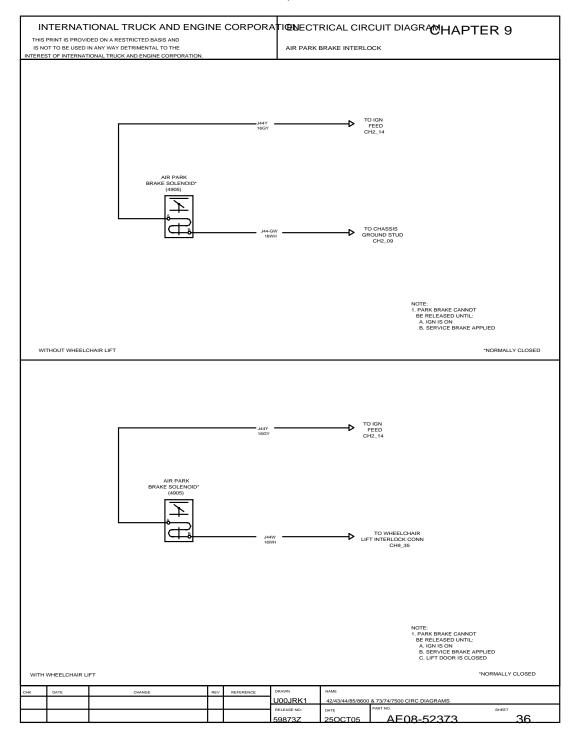


Figure 143 Air Park Brake Interlock

9.38. HYDRAULIC ABS — WABCO FULL POWER, P. 37

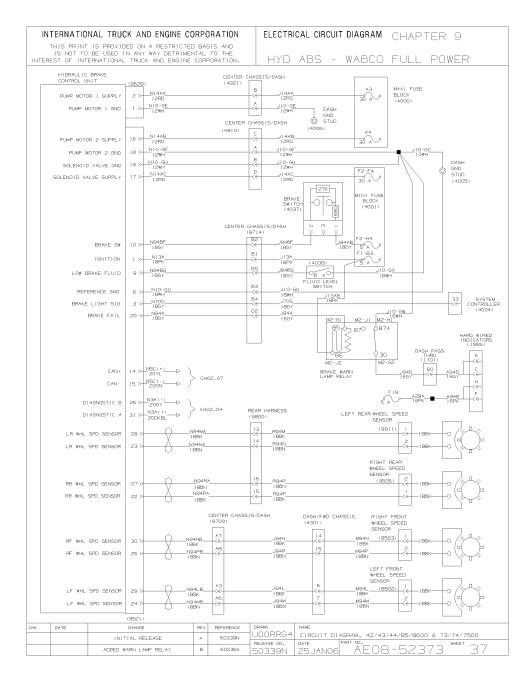


Figure 144 Hydraulic ABS — Wabco Full Power

9.39. CENTER PIN CIRCUIT, P. 38

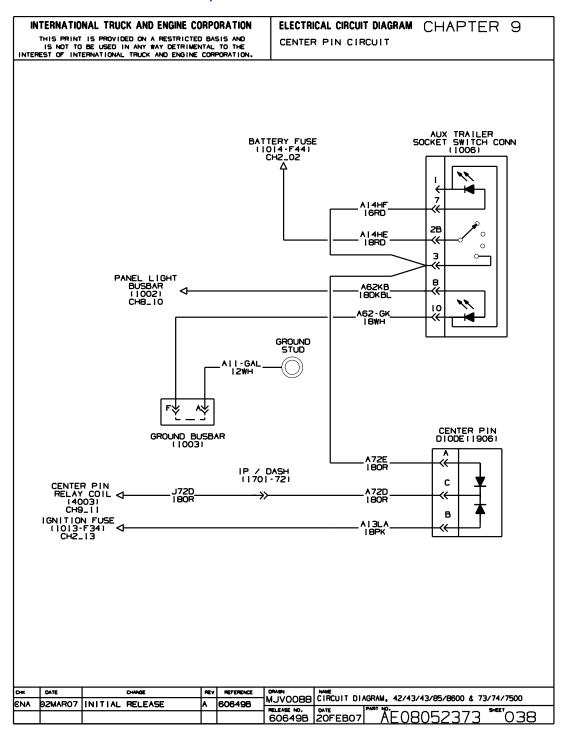


Figure 145 Center Pin Circuit

9.40. FIFTH WHEEL CIRCUIT, P. 39

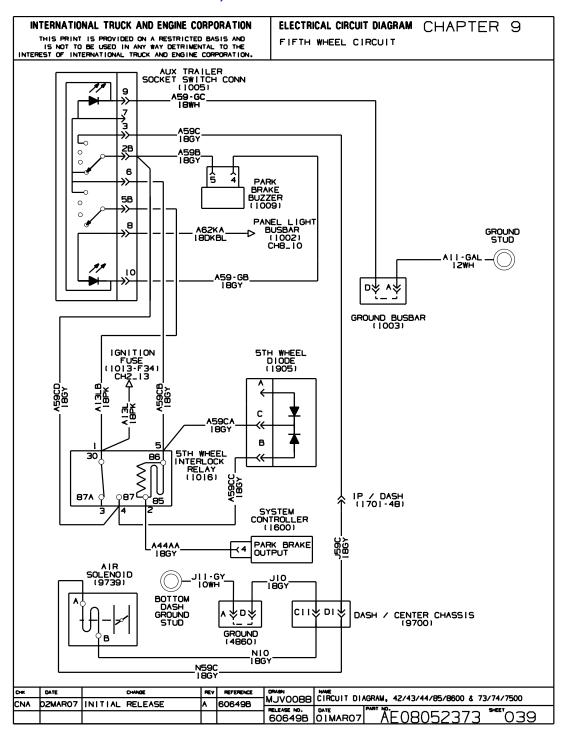


Figure 146 Fifth Wheel Circuit

10. TRANSMISSIONS (CHAPTER 10)

10.1. ALLISON GEN4 LCT TRANSMISSION OR ALLISON 1000, 2000, 2400, P. 1

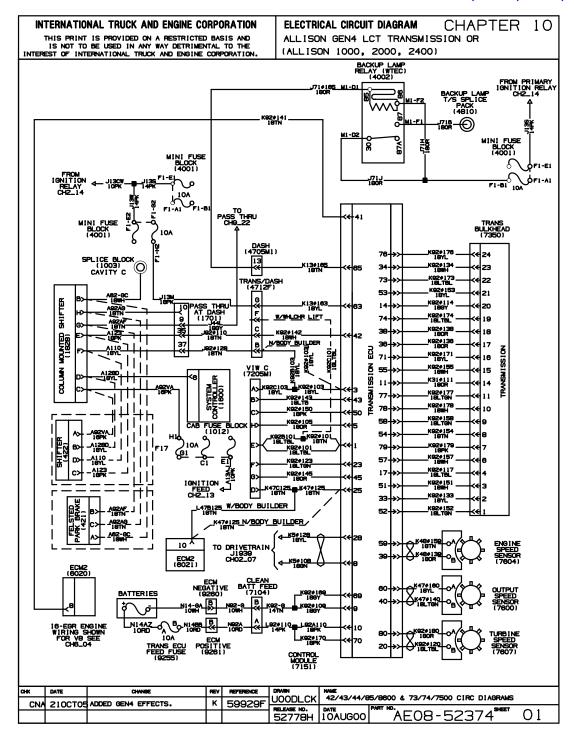


Figure 147 Allison GEN4 LCT Transmission or Allison 1000, 2000, 2400

10.2. TRANSMISSION, LCT WITH V8, P. 1A

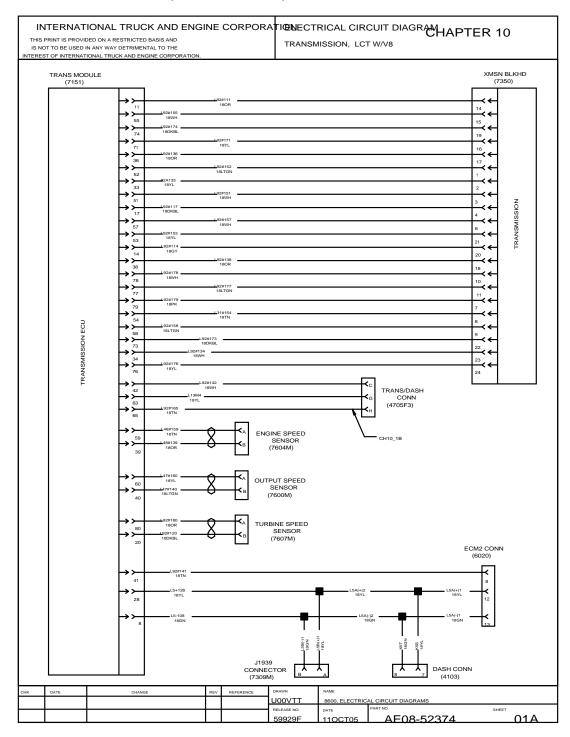


Figure 148 Transmission, LCT with V8

10.3. TRANSMISSION, LCT WITH V8, P. 1B

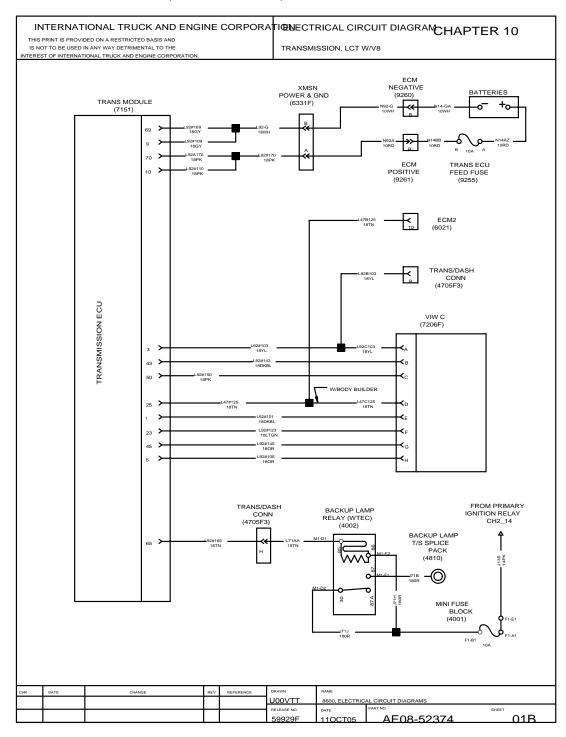


Figure 149 Transmission, LCT with V8

10.4. ALLISON MD TRANSMISSION, P. 2

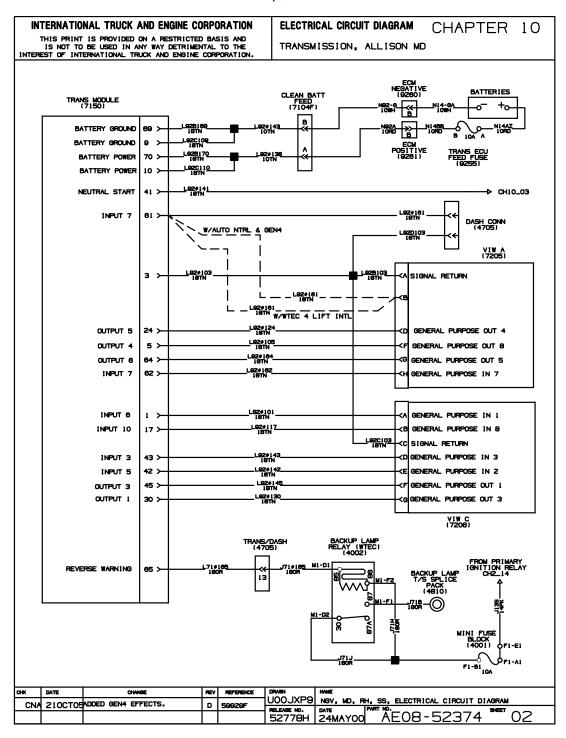


Figure 150 Allison MD Transmission

10.5. ALLISON GEN4 MD TRANSMISSION (WTEC), P. 3

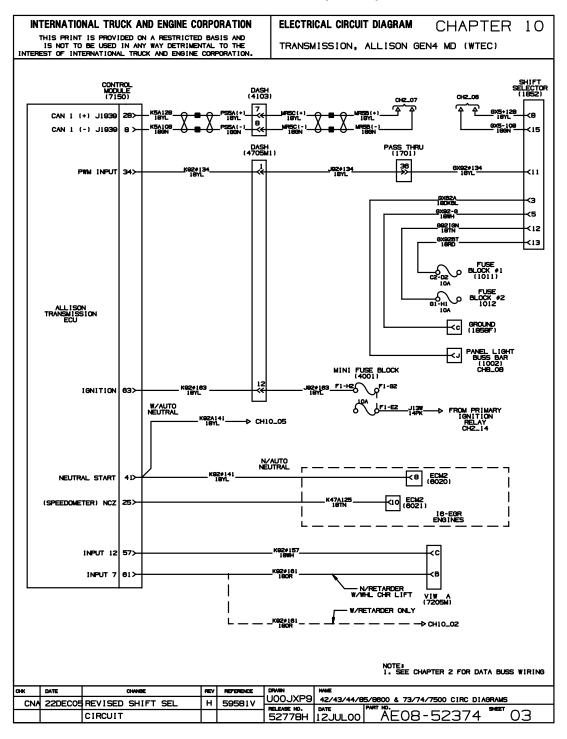


Figure 151 Allison MD Transmission (WTEC)

10.6. ALLISON MD TRANSMISSION (CONT.), P. 4

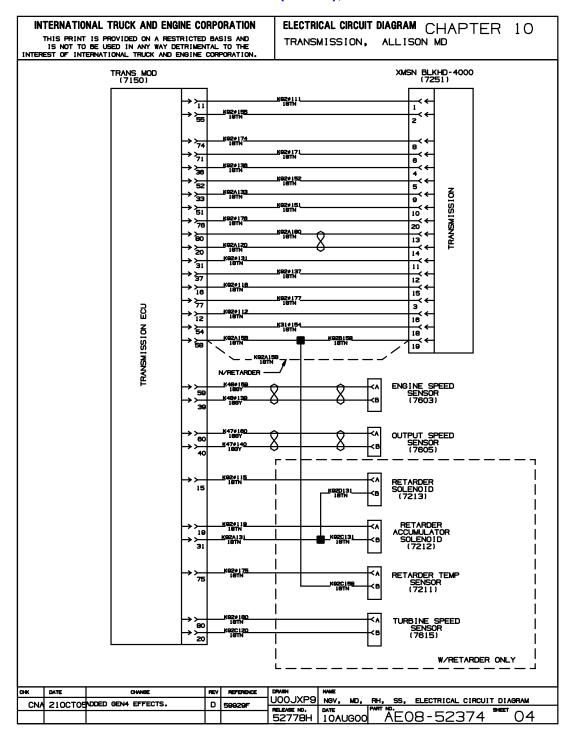


Figure 152 Allison MD Transmission (Cont.)

10.7. TRANSMISSION, WTEC MD W/AUTO NEUTRAL, P. 5

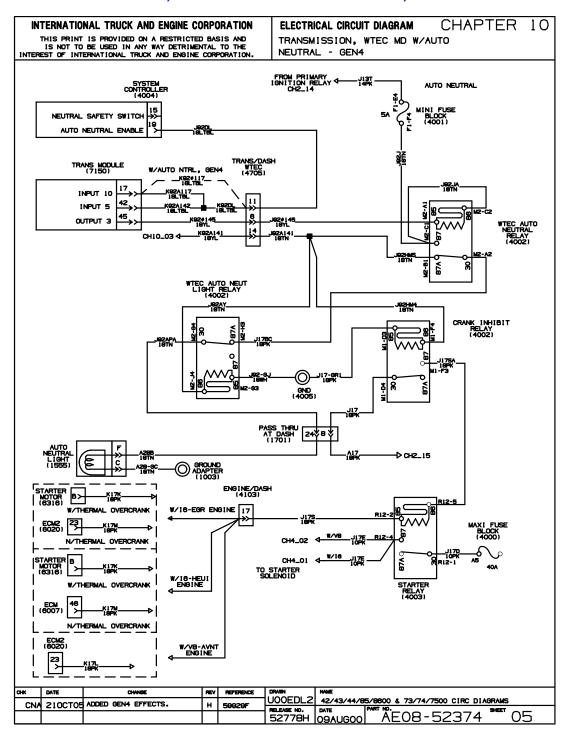


Figure 153 Transmission, WTEC MD W/Auto Neutral

10.8. TRANSMISSION, WTEC WITH V8, P. 5A

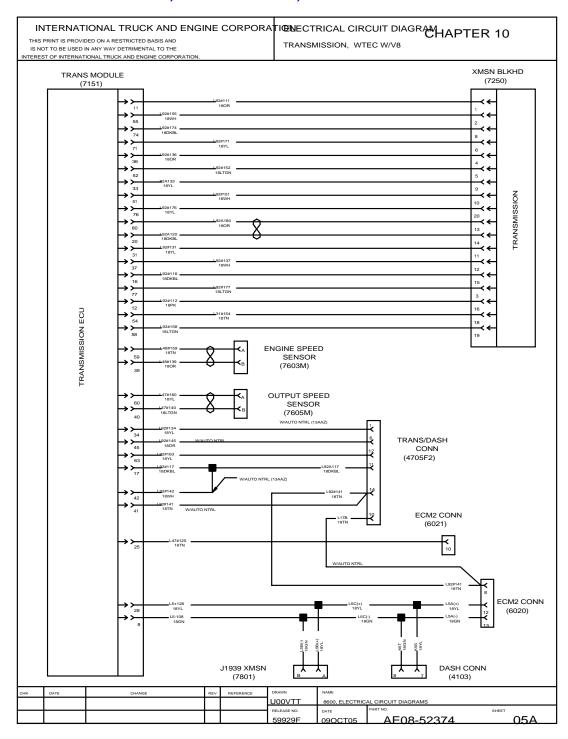


Figure 154 Transmission, WTEC with V8

10.9. TRANSMISSION, WTEC WITH V8, P. 5B

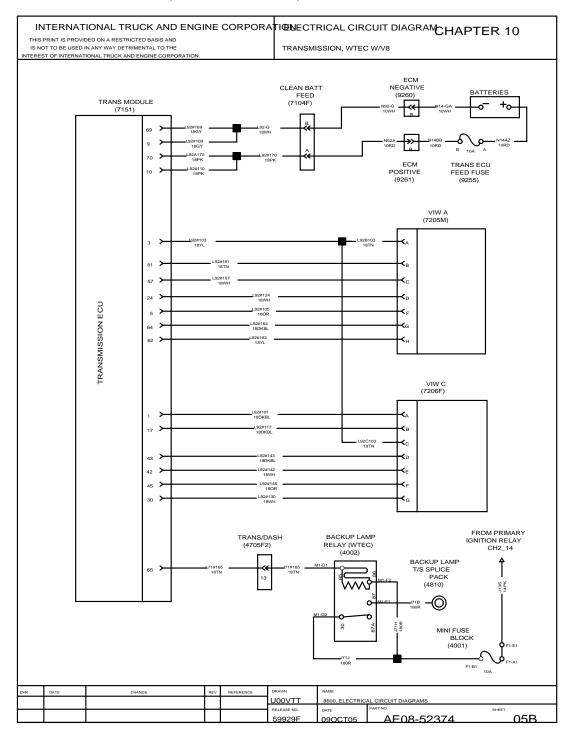


Figure 155 Transmission, WTEC with V8

10.10. EATON AUTOSHIFT TRANSMISSION, P. 6

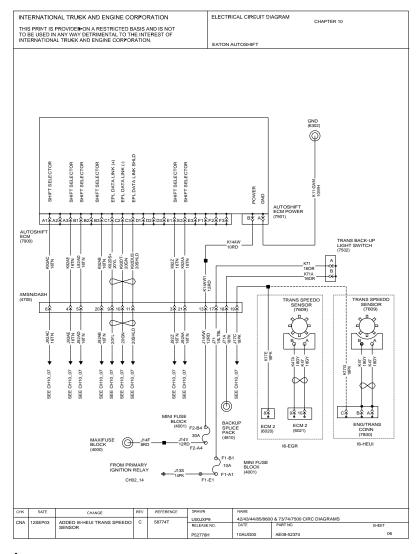


Figure 156 Eaton Autoshift Transmission

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

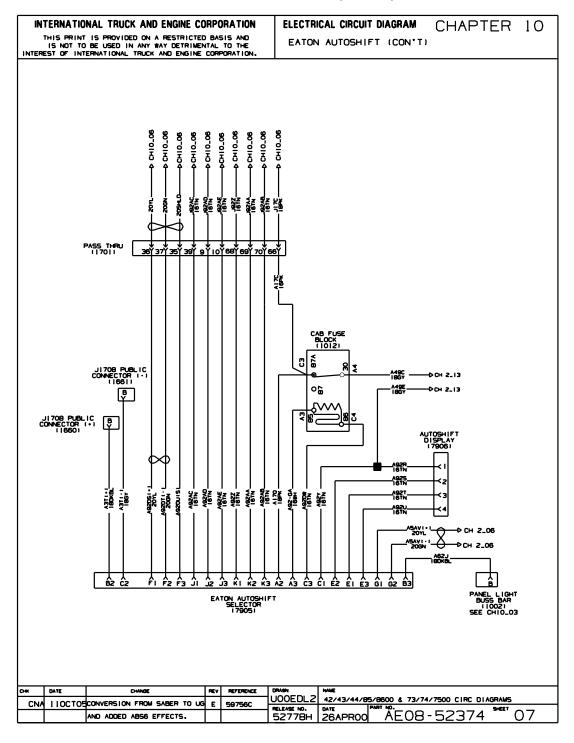


Figure 157 Eaton Autoshift Transmission (Cont.)

10.12. EATON LIGHTNING TRANSMISSION, P. 8

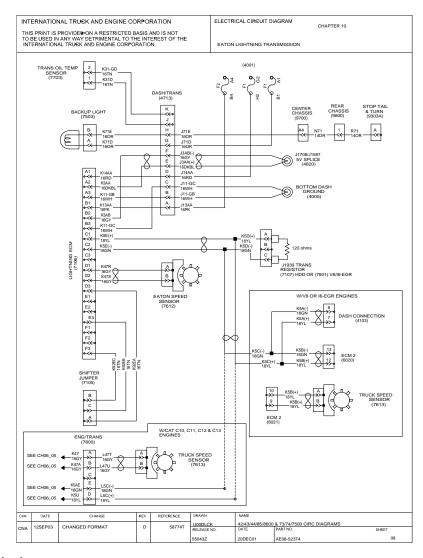


Figure 158 Eaton Lightning Transmission

10.13. ALLISON HD TRANSMISSION, P. 9

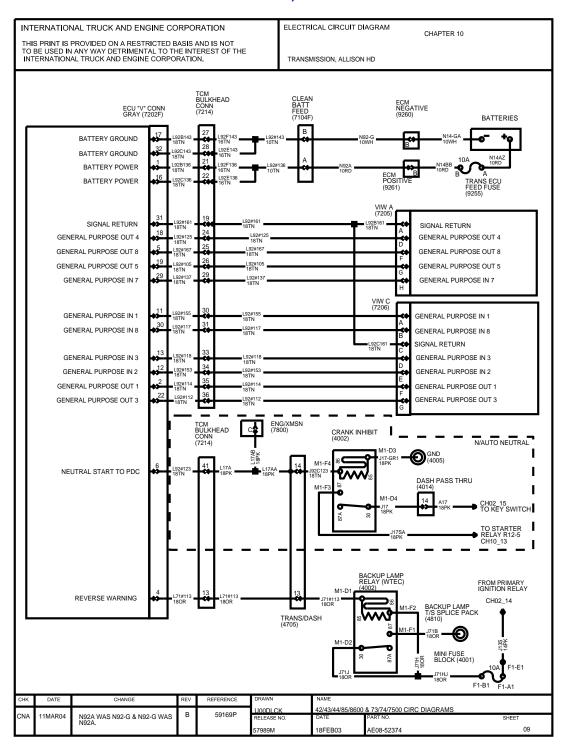


Figure 159 Allison HD Transmission

10.14. ALLISON HD TRANSMISSION, P. 10

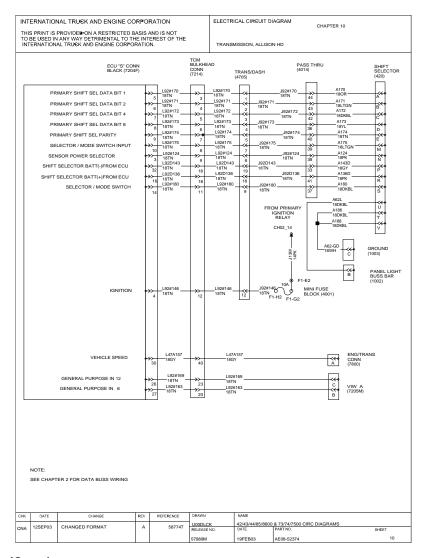


Figure 160 Allison HD Transmission (Cont.)

10.15. ALLISON HD TRANSMISSION, P. 11

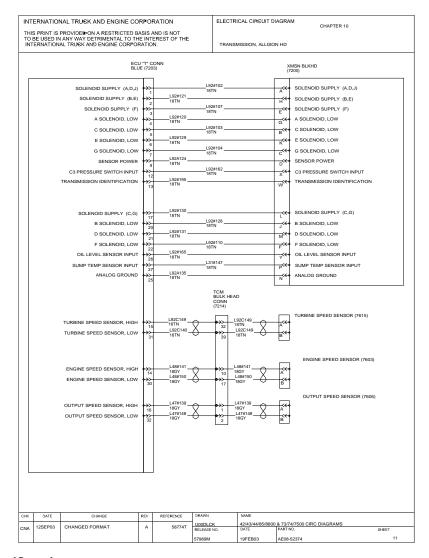


Figure 161 Allison HD Transmission (Cont.)

10.16. ALLISON HD TRANSMISSION WITH AUTO NEUTRAL, P. 12

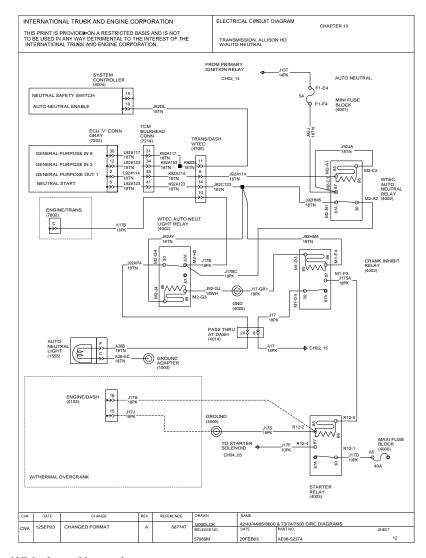


Figure 162 Allison HD Transmission With Auto Neutral

10.17. ALLISON HD TRANSMISSION WITH AUTO NEUTRAL — GEN4, P. 13

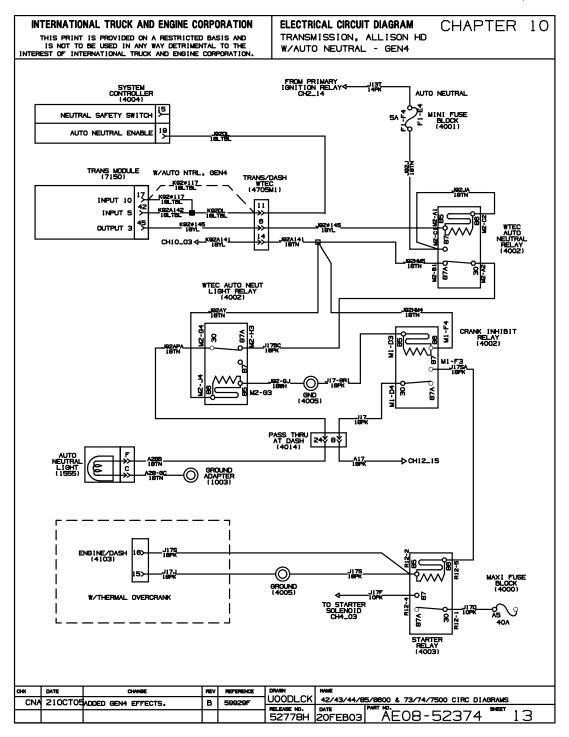


Figure 163 Allison HD Transmission With Auto Neutral — GEN4

10.18. ALLISON LCT TRANSMISSION (ALLISON 1000, 2000, 2400) WITH 16 HEUI, P. 14

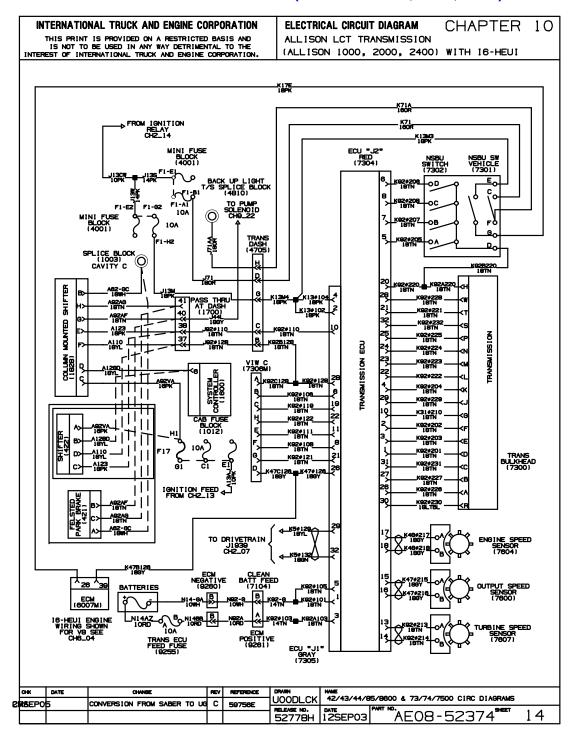


Figure 164 Allison LCT Transmission (Allison 1000, 2000, 2400) with I6 HEUI

10.19. TRANSMISSION RETARDER CONTROL WIRING WITH MD XMSN, HARD WIRED EFFECTS, P. 15

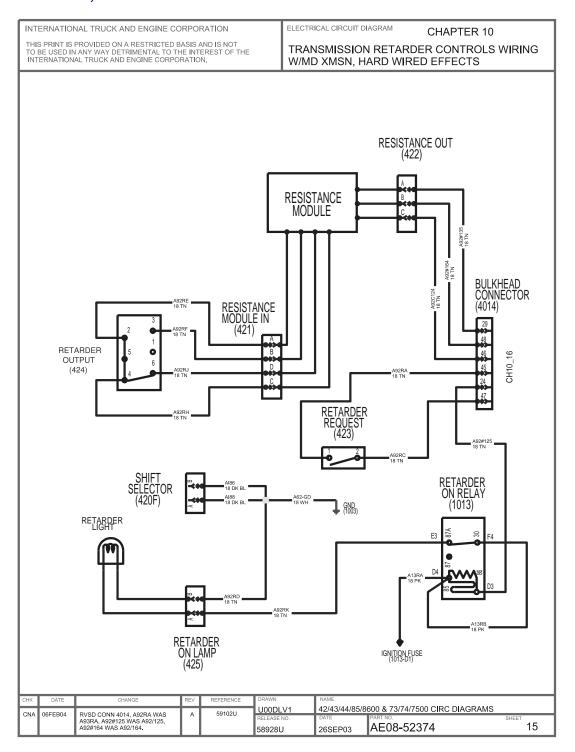


Figure 165 Transmission Retarder Control Wiring with MD Transmission, Hard Wired Effects

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

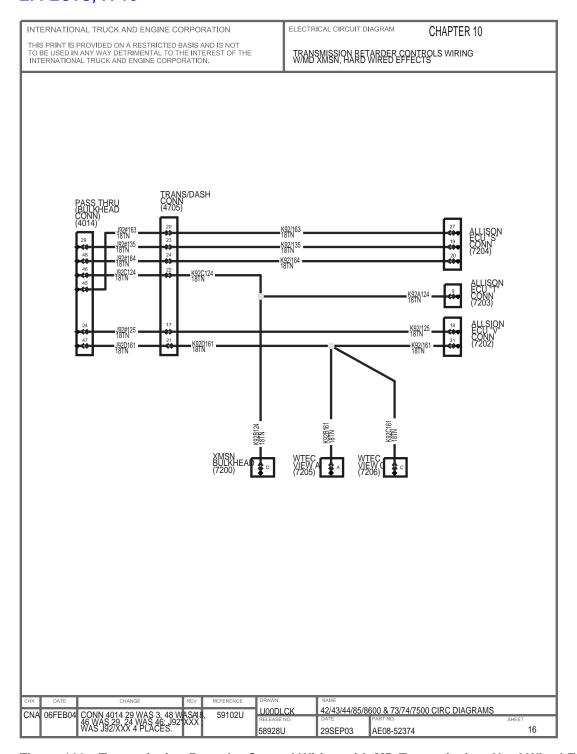


Figure 166 Transmission Retarder Control Wiring with MD Transmission, Hard Wired Effects

10.21. EATON ULTRASHIFT/DM2, P. 17

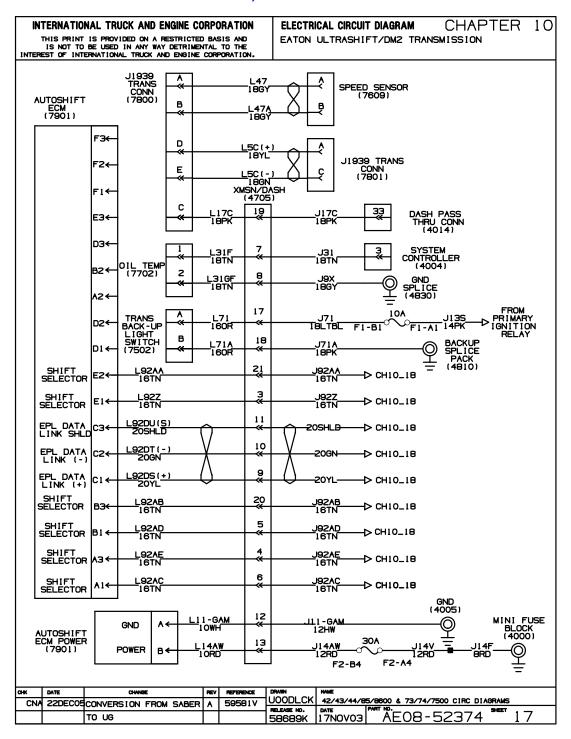


Figure 167 Eaton Ultrashift/DM2

10.22. EATON ULTRASHIFT/DM2 (CONT.), P. 18

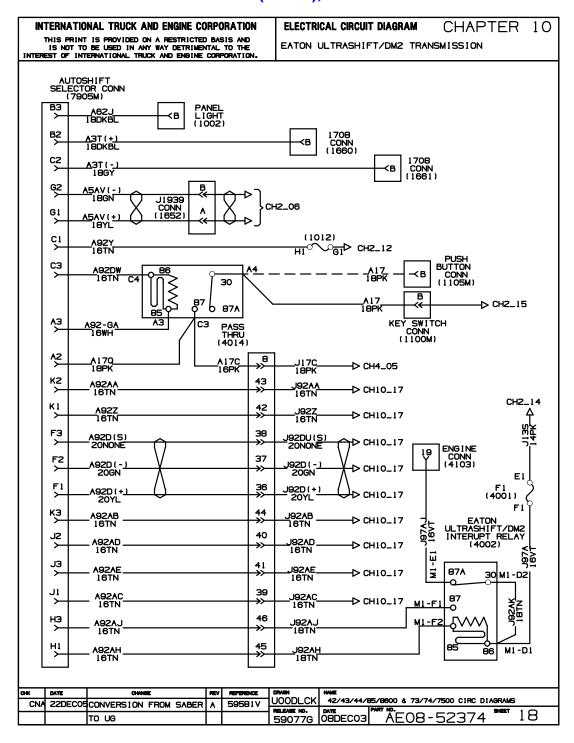


Figure 168 Eaton Ultrashift/DM2 (Cont.)

10.23. WTEC MD TRANSMISSION WITH AUTO NEUTRAL, P. 19

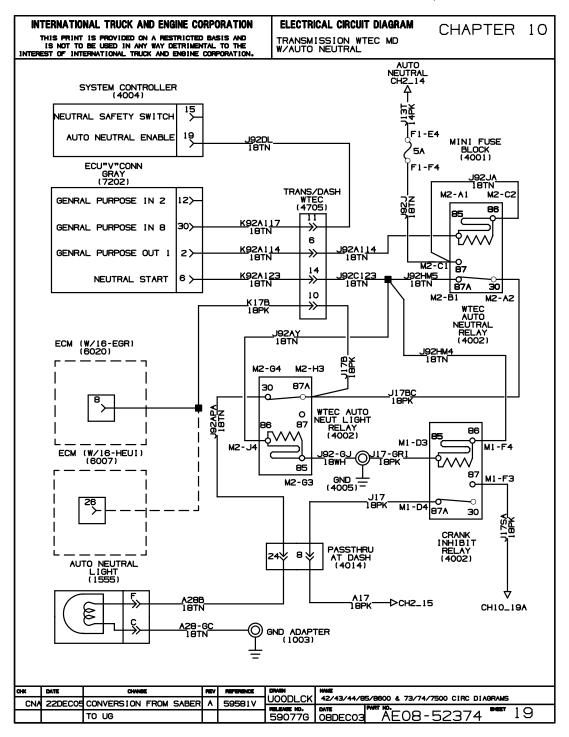


Figure 169 WTEC MD Transmission with Auto Neutral

10.24. WTEC MD TRANSMISSION WITH AUTO NEUTRAL AND WITH 0013WUA, P. 19A

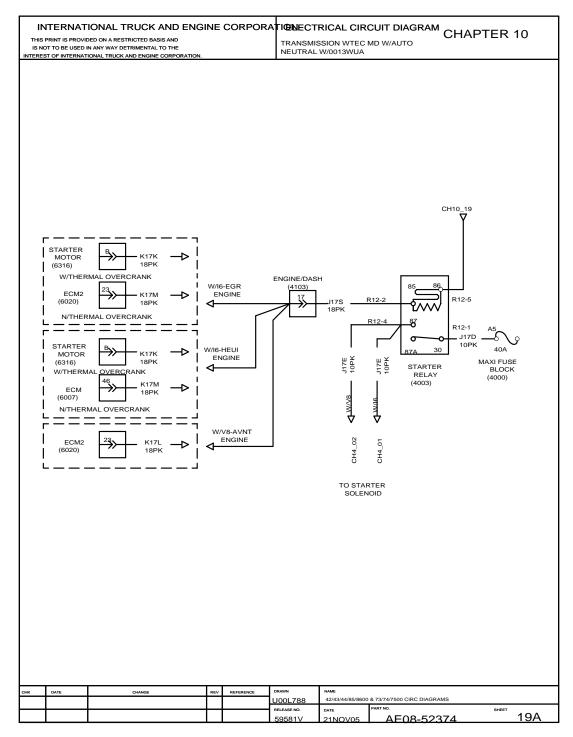


Figure 170 WTEC MD Transmission with Auto Neutral and with 0013WUA

10.25. EATON AUTOSHIFT/ULTRASHIFT TRANSMISSION (GEN 3), P. 20

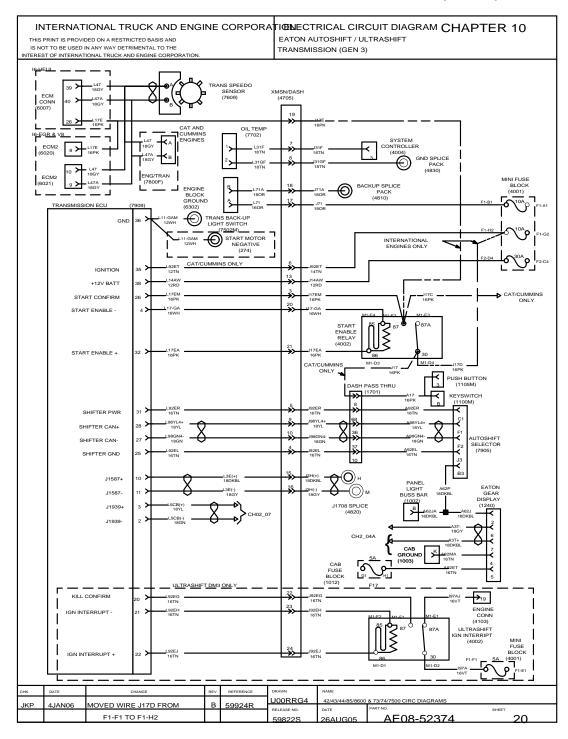


Figure 171 Eaton Autoshift/Ultrashift Transmission (Gen 3)

11. AIR CONDITIONING (CHAPTER 11)

11.1. HVAC SYSTEMS, P. 1

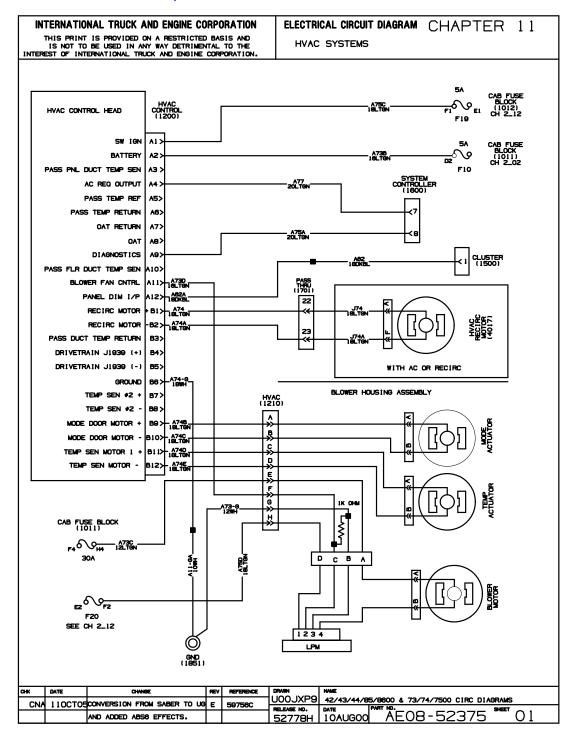


Figure 172 HVAC Systems

11.2. AIR CONDITIONING (ONLY), P. 2

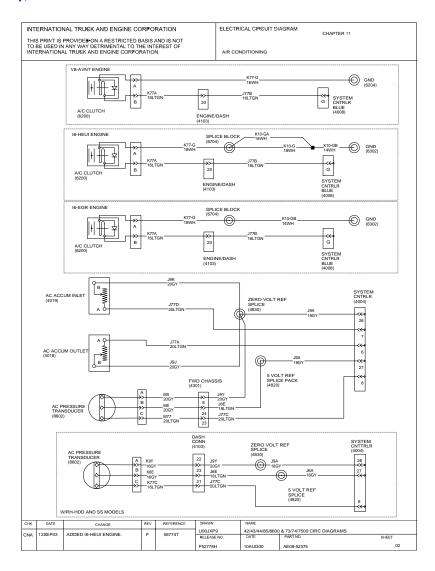


Figure 173 Air Conditioning (Only)

11.3. AUTOTHERM SYSTEMS, P. 3

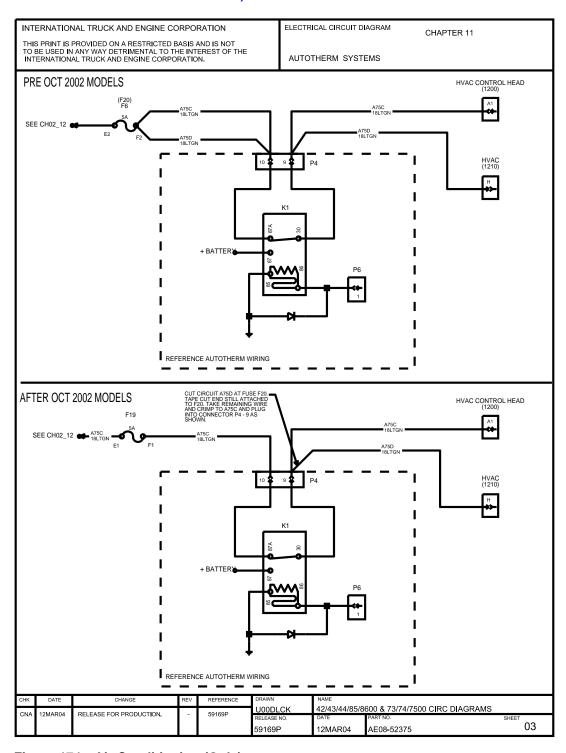


Figure 174 Air Conditioning (Only)