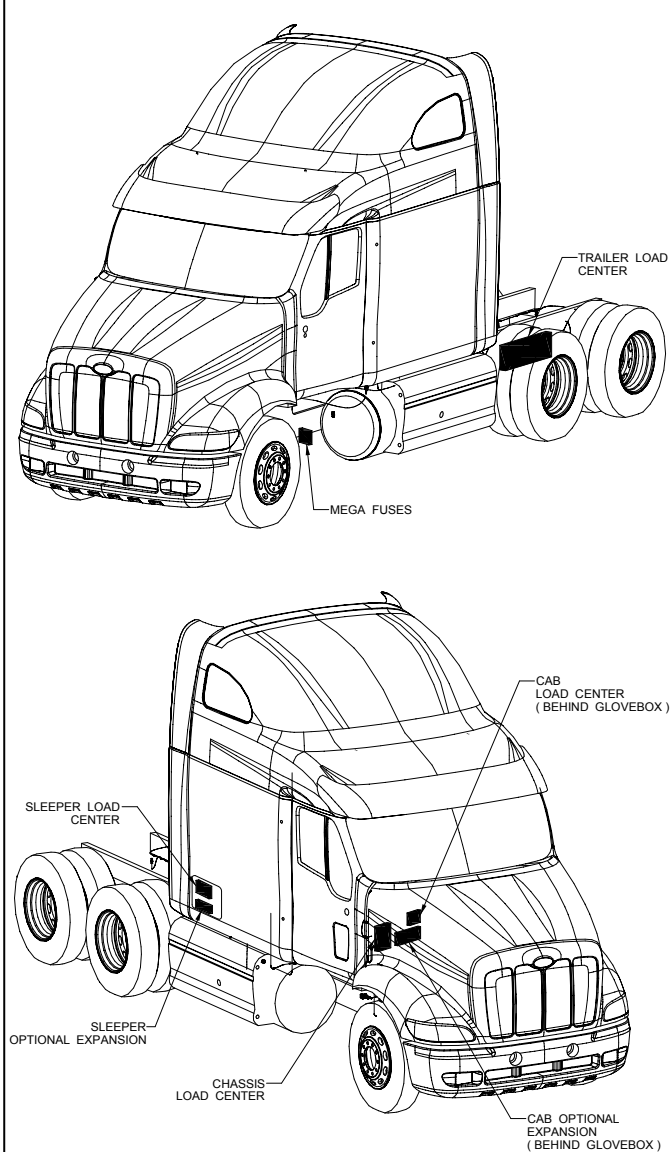




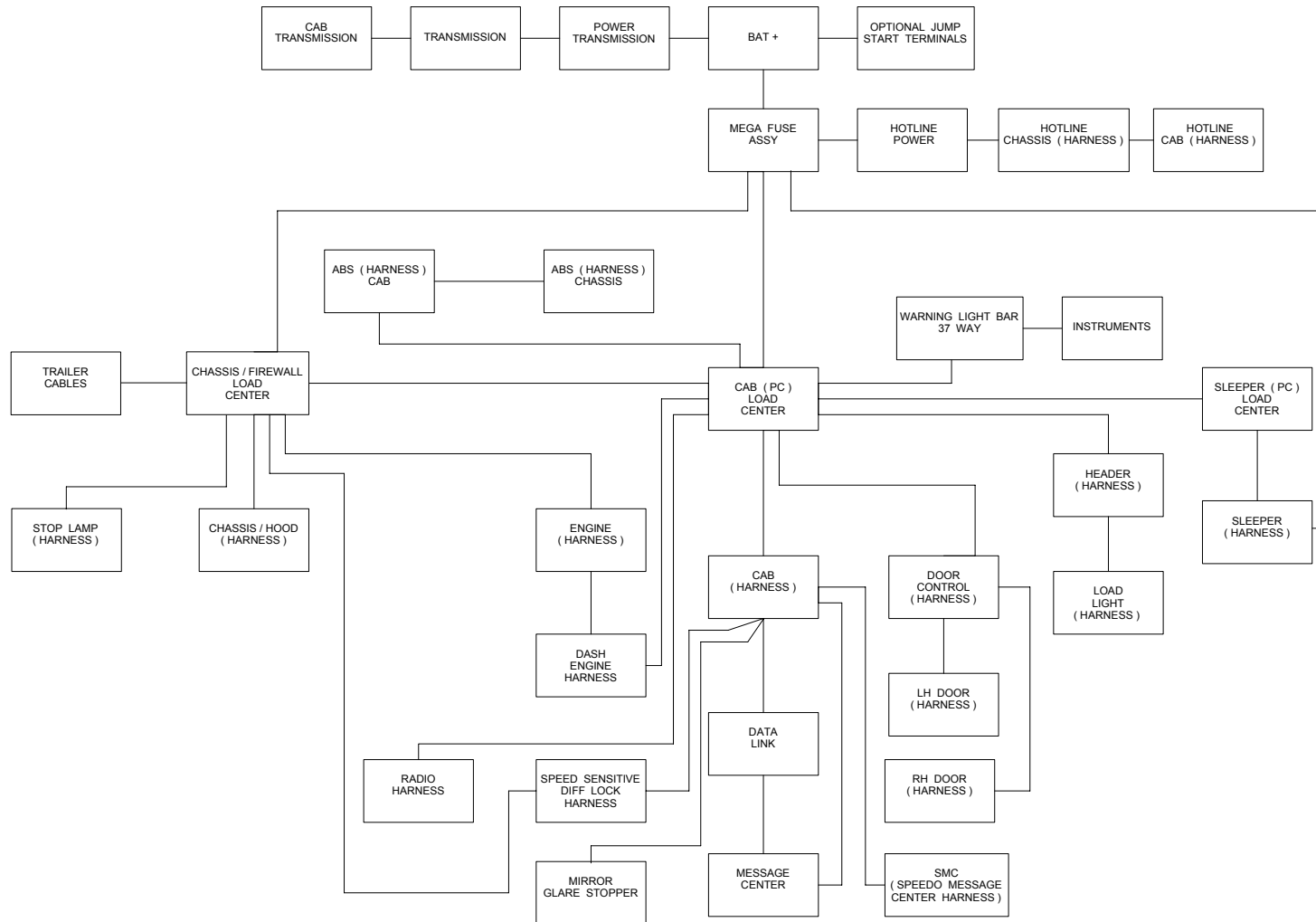
FOR CHASSIS BUILT AFTER 11/15/05

- | SH NO. | TITLE |
|--------|--|
| 1) | INDEX SYMBOL KEY |
| 2) | HARNES FLOW CHART |
| 3) | +12V POWER DISTRIBUTION (OPTIONAL DISCONNECT, START JUMP TERMINALS) |
| 4) | NEGATIVE POWER DISTRIBUTION |
| 5) | +12V POWER AND STARTING |
| 6) | WIPER / WASHER |
| 7) | HORN |
| 8) | MANUAL FAN CONTROL |
| 9) | HVAC CUMMINS / CATERPILLAR |
| 10) | TURN SIGNAL / STOP / HAZARDS / AUX TRAILER |
| 11) | REVERSE LAMPS |
| 12) | MARKER LAMPS |
| 13) | HEAD LAMP / DRL |
| 14) | FOG LAMPS |
| 15) | AIR DRYER |
| 16) | INTERFACE MODULE |
| 17) | SPOT LAMPS |
| 18) | LOAD LAMPS |
| 19) | BRACKET MOUNTED / FLUSH MOUNTED / MULTIPLE / COIL 10' |
| 20) | FLUORESCENT LAMP SLEEPER |
| 21) | FLOOR LAMP |
| 22) | WINDOW LIFT |
| 23) | CENTRAL DOOR LOCKS |
| 24) | DOOR LAMPS / DOME LAMPS |
| 25) | PREMIUM SOUND |
| 26) | SLEEPER TOOL BOX LAMPS |
| 27) | SLEEPER CLOCK |
| 28) | AUX FAN |
| 29) | SLEEPER READING LAMPS |
| 30) | REFRIGERATOR UNIT REFER |
| 31) | SLEEPER POWER ACCESS OUTLETS |
| 32) | SLEEPER FLOOR LAMP |
| 33) | SLEEPER HVAC |
| 34) | DIGITAL MESSAGE CENTER / NAVIGATION / ROAD RELAY |
| 35) | E-BASIC ABS CAB HARNESS |
| 36) | E-BASIC ABS CHASSIS HARNESS |
| 37) | CAB CIGAR LIGHTER POWER CONNECTION |
| 38) | SPARE SWITCHES |
| 39) | TWO SPEED / INTER / FIFTH WHEEL / DIFF LOCK / PTO |
| 40) | EATON TOP 2 TRANSMISSION |
| 41) | MIRROR CONTROL / HEATER / GLARESTOPPER |
| 42) | ENGINE BRAKE / CRUISE CONTROL / DIAGNOSTIC |
| 43) | RADIO |
| 44) | SPARE POWER SYSTEM EXPANSION SLEEPER |
| 45) | CATERPILLAR CUMMINS ENGINE ECU / TPS / SPEED SENSOR / INTERRUPT / WARNING LAMPS |
| 46) | SMC SPEEDO MESSAGE CENTER |
| 47) | DATA LINK |
| 48) | CAB SPARE POWER / SYSTEM EXPANSION |
| 49) | CB RADIO |
| 50) | BACKLIGHTING +12VOLTS |
| 51) | NEGATIVE SWITCH LINKS |
| 52) | SPLICE LOCATION - DISTRIBUTION |
| 53) | SPLICE LOCATION - DISTRIBUTION |
| 54) | ASH TRAY |
| 55) | FUEL HOT LINE |
| 56) | CAB LOAD CENTER (CLC), NOTE: NO SERVICEABLE PARTS |
| 57) | SLEEPER LOAD CENTER (SLC), NOTE: NO SERVICEABLE PARTS |
| 58) | CHASSIS LOAD CENTER DECAL |
| 59) | TRAILER-DECAL |
| 60) | SLEEPER SPARES LOAD CENTER DECAL |
| 61) | CAB SPARES LOAD CENTER DECAL |
| 62) | TRAILER LOAD CENTER |
| 63) | FREEDOMLINE TRANSMISSION |
| 64) | AUTO SHIFT |
| 65) | ULTRASHIFT TRANSMISSION |
| 66) | SWITCHED 7th WIRE HOT |
| 67) | EATON VORAD |
| 68) | WARNING LIGHTS |
| 69) | WARNING LIGHT BAR |
| 70) | SPEED SENSITIVE DIFF LOCK |
| 71) | REMOTE KEYLESS ENTRY INSTRUMENTATION: SEE SH #15, 47, 68 AND 387 INSTRUMENTATION MANUAL. |
| 72) | SLPR LOW VOLTAGE DISCONNECT |
| 73) | CUMMINS ICON2 IDLE CONTROL SYSTEM |

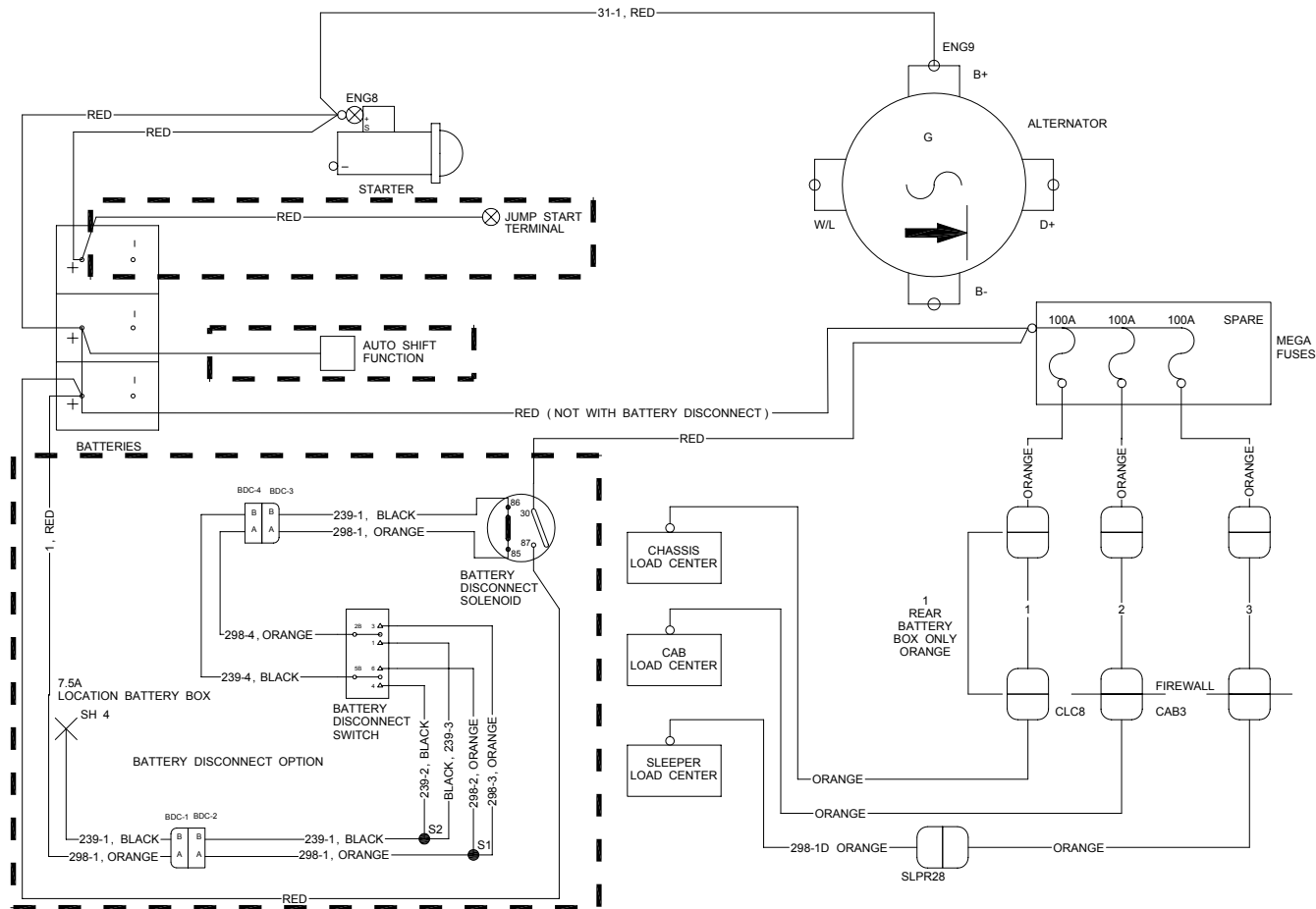
SYMBOL / ABBREVIATION KEY

- 1) ⊗ STUD
- 2) ● SPLICE
- 3) ○ RING TERMINAL CONNECTORS
- 4) NUMBERS EX CIRCUIT DESCRIPTION SUFFIX ALPHA
- 5) — BUS BAR
- 6) 1 CONNECTOR APPEARS ON MULTIPLE SHEETS
- 7) CLC CHASSIS LOAD CENTER
- 8) SLPR SLEEPER
- 9) TRLR TRAILER
- 10) — MULTI CORE CABLE
- 11) × CONTINUED TO OTHER SH XX
- 12) ▲ MOMENTARY CONTACT
- CONTACT
- SWITCH
- 13) ⊖ BULB
- 14) — GROUND
- 15) — DIODE
- 16) — RESISTOR
- 17) — CAPACITOR
- 18) — POLYFUSE
- 19) — LIGHT-EMITTING DIODE

NOTE: FOR CHASSIS WITH TRAILER LOAD CENTERS (CHASSIS BUILT BEFORE 11/15/05) USE P94-6059 FOR WIRING INFORMATION

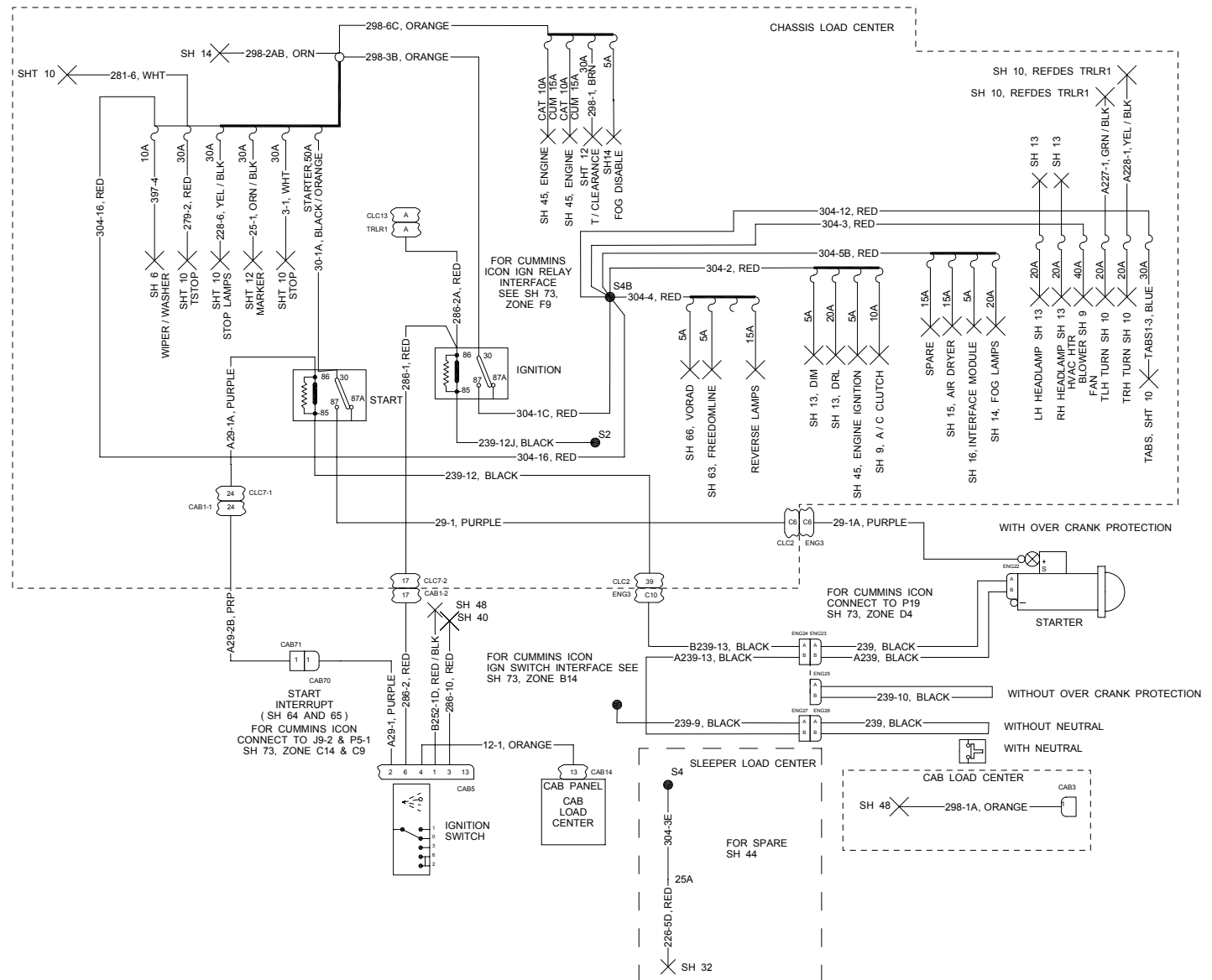


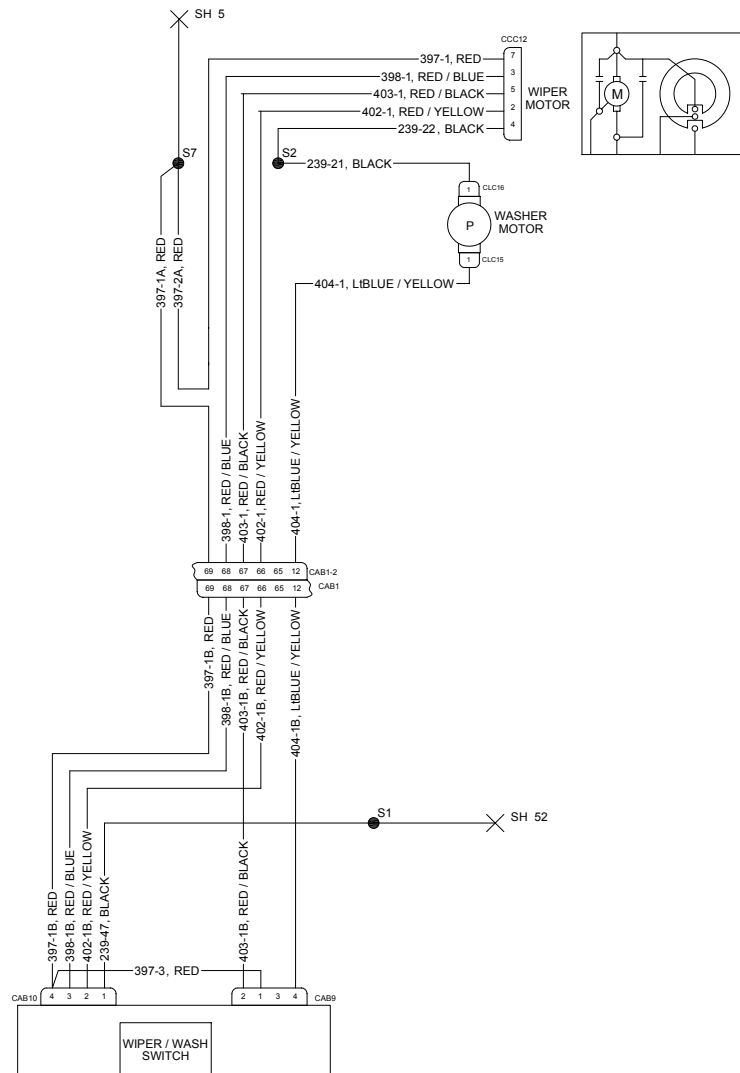
HARNESS FLOW CHART



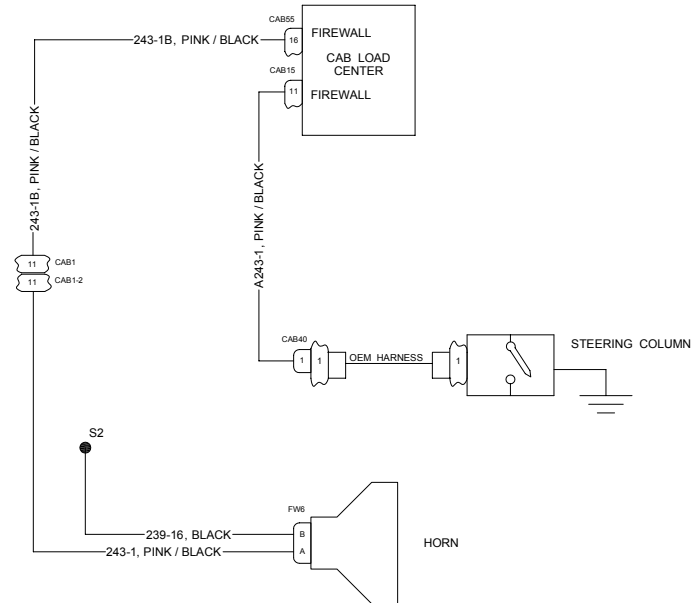
+12V POWER DISTRIBUTION (OPTIONAL DISCONNECT),
JUMP START TERMINAL

+12V POWER AND STARTING



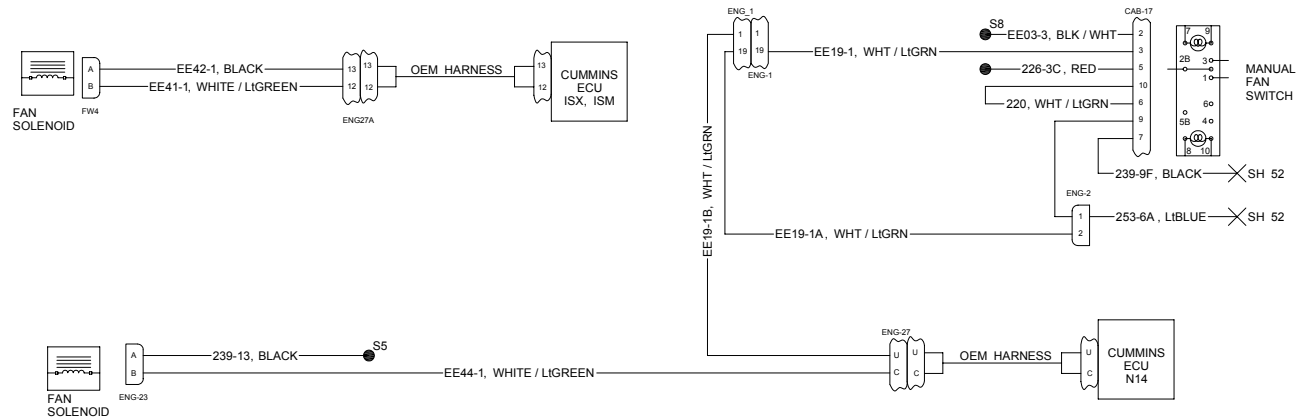


WIPER / WASHER

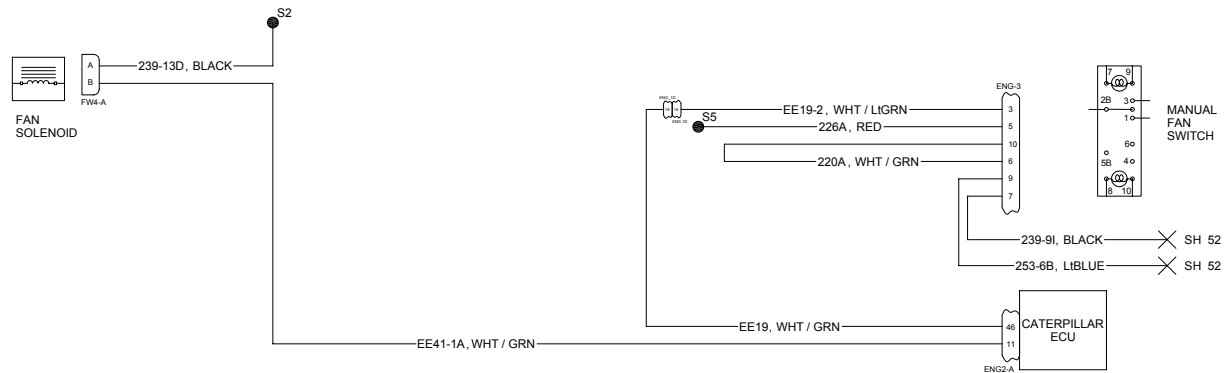


HORN

CUMMINS

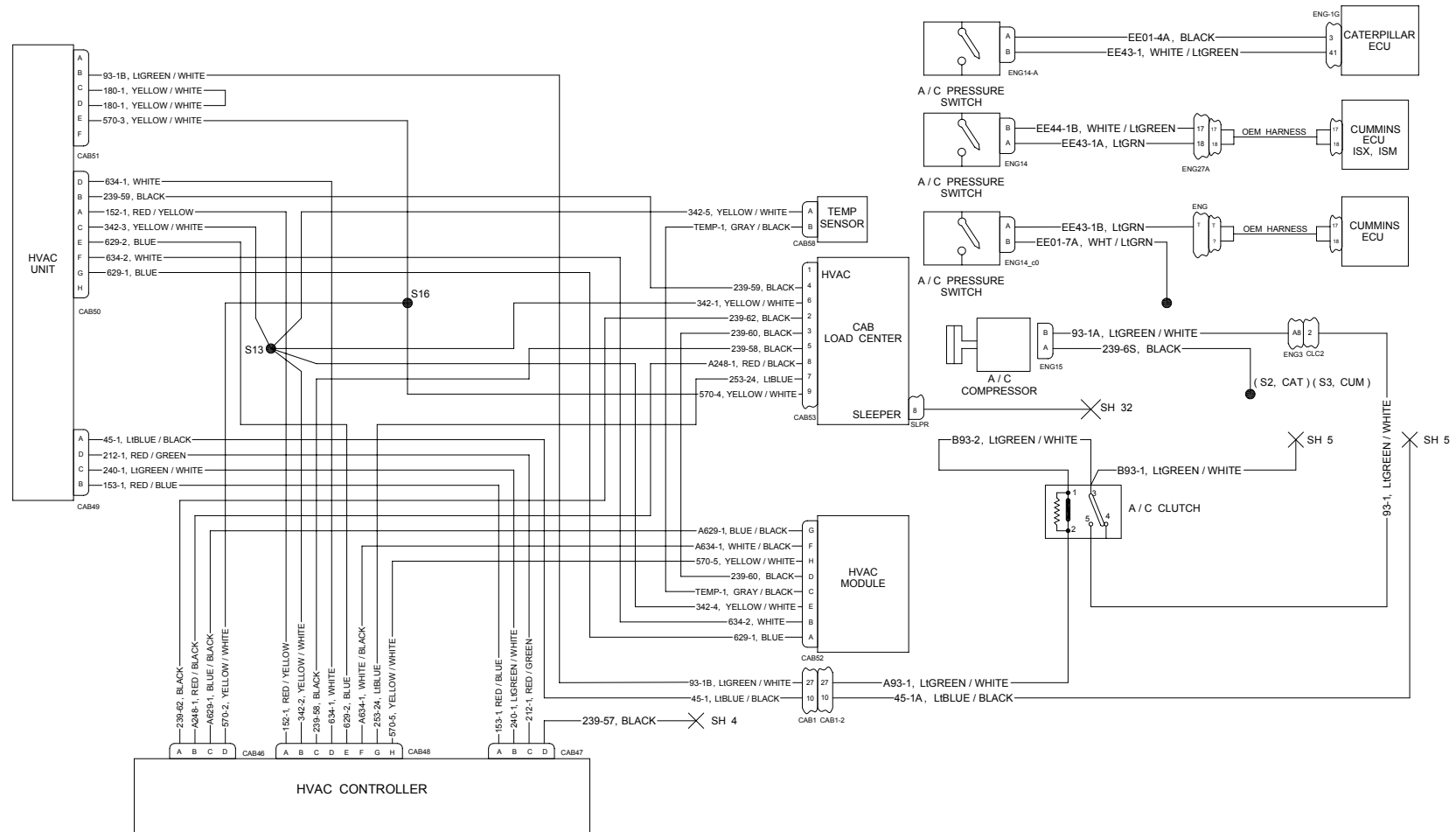


CATERPILLAR



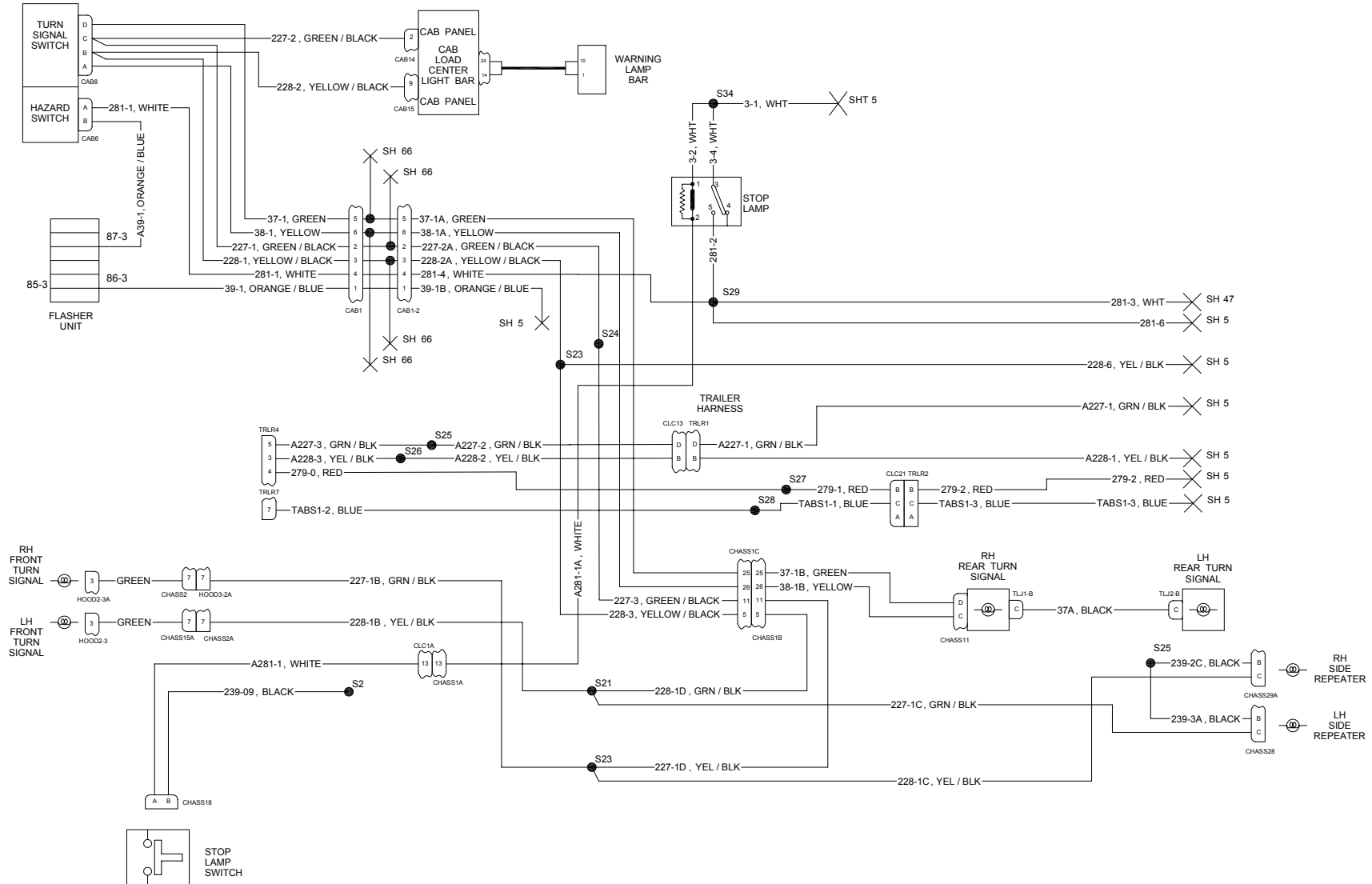
NOTE: SEE BILL OF MATERIAL OR ECAT SYSTEM FOR SPECIFIC ENGINE SCHEMATIC DRAWING NUMBER

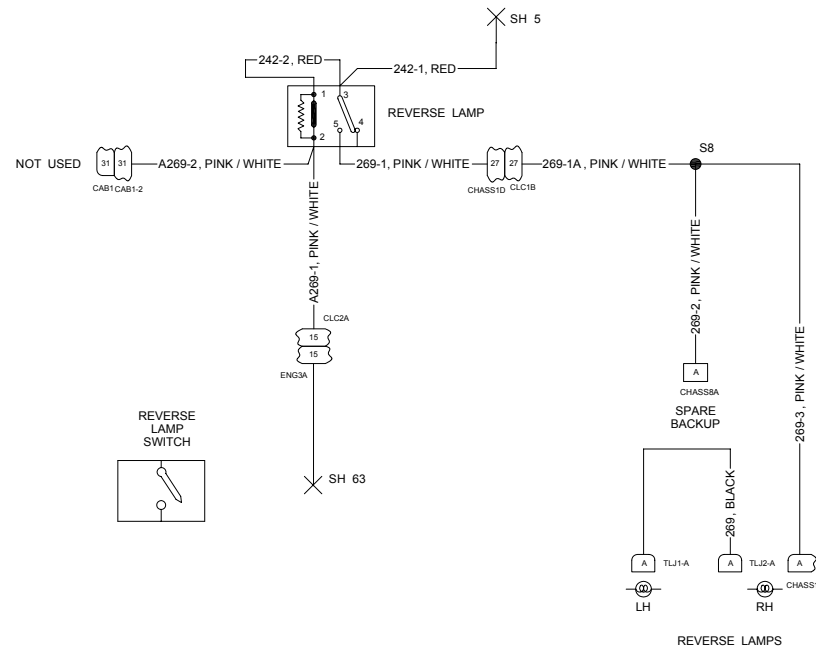
MANUAL FAN CONTROL

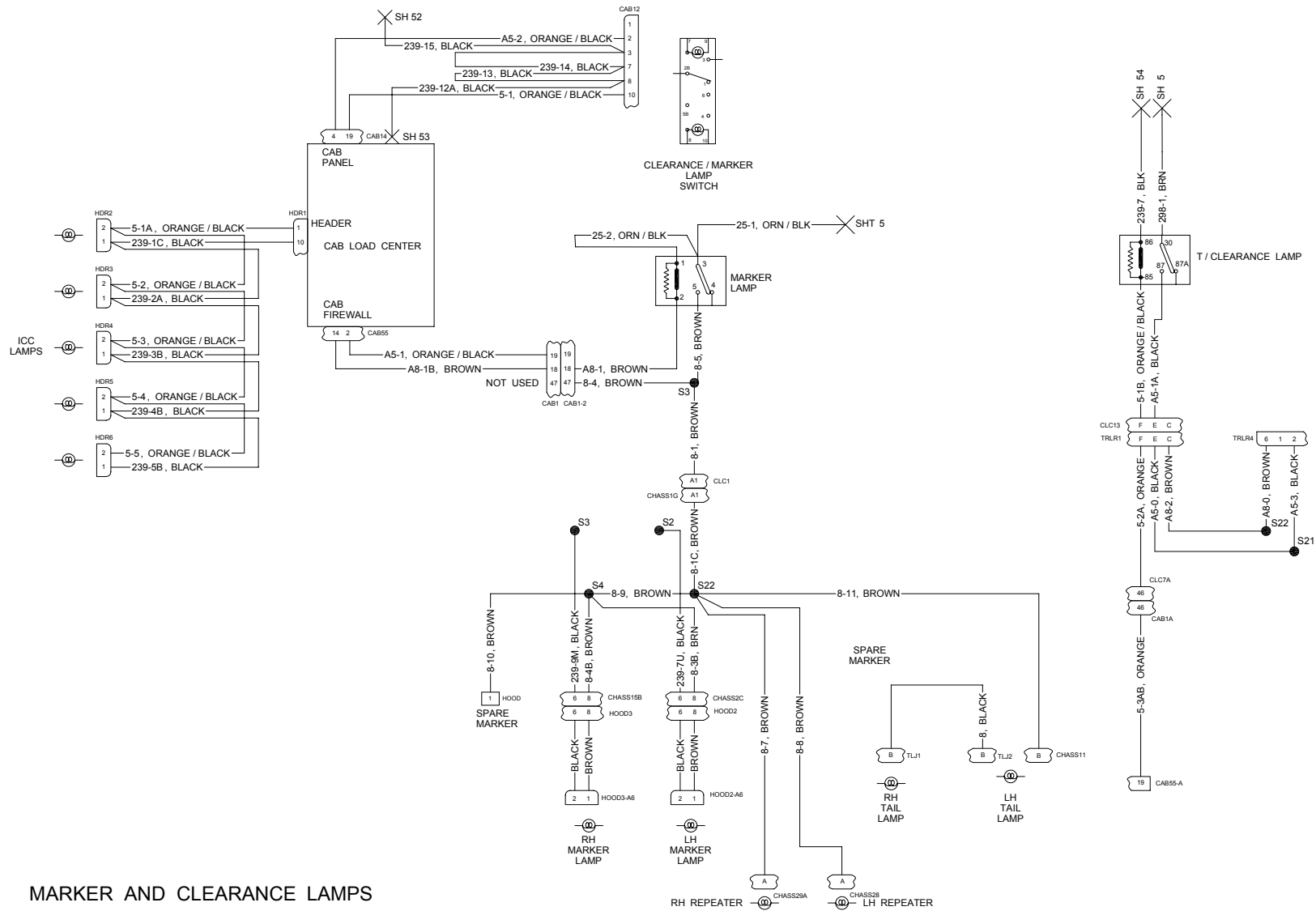


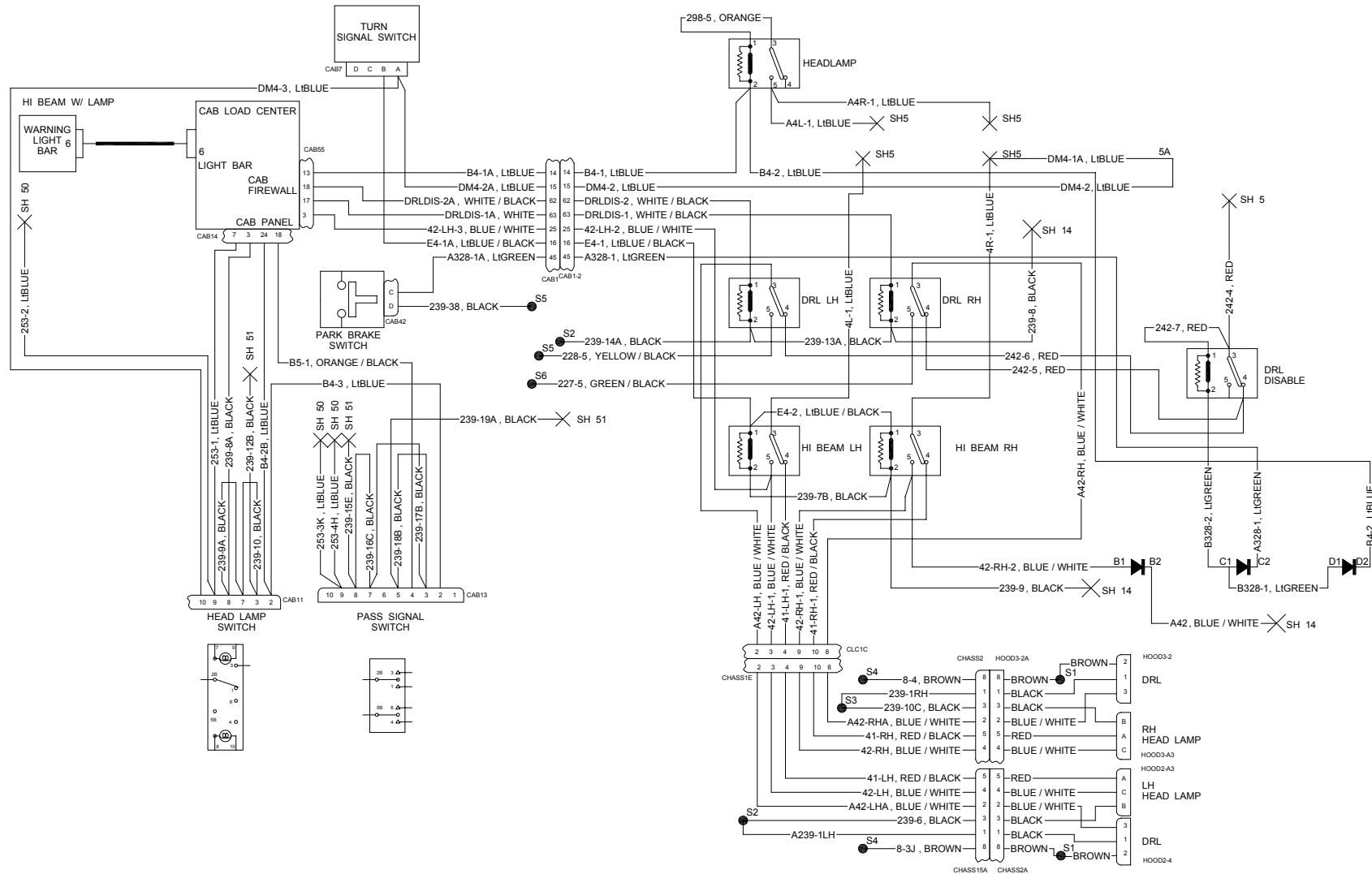
NOTE: SEE BILL OF MATERIAL OR ECAT SYSTEM FOR SPECIFIC ENGINE SCHEMATIC DRAWING NUMBER

HVAC CUMMINS / CATERPILLAR

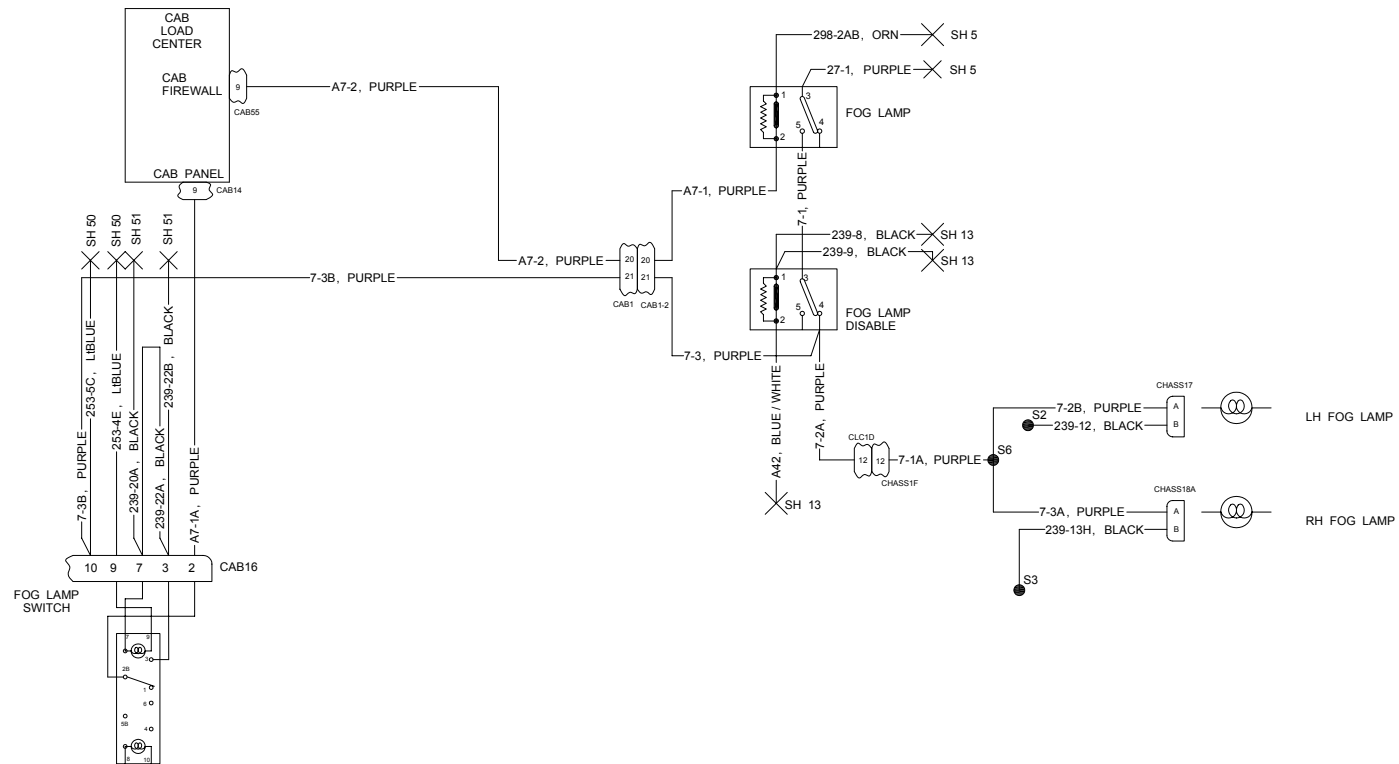




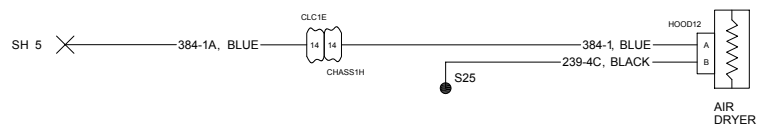




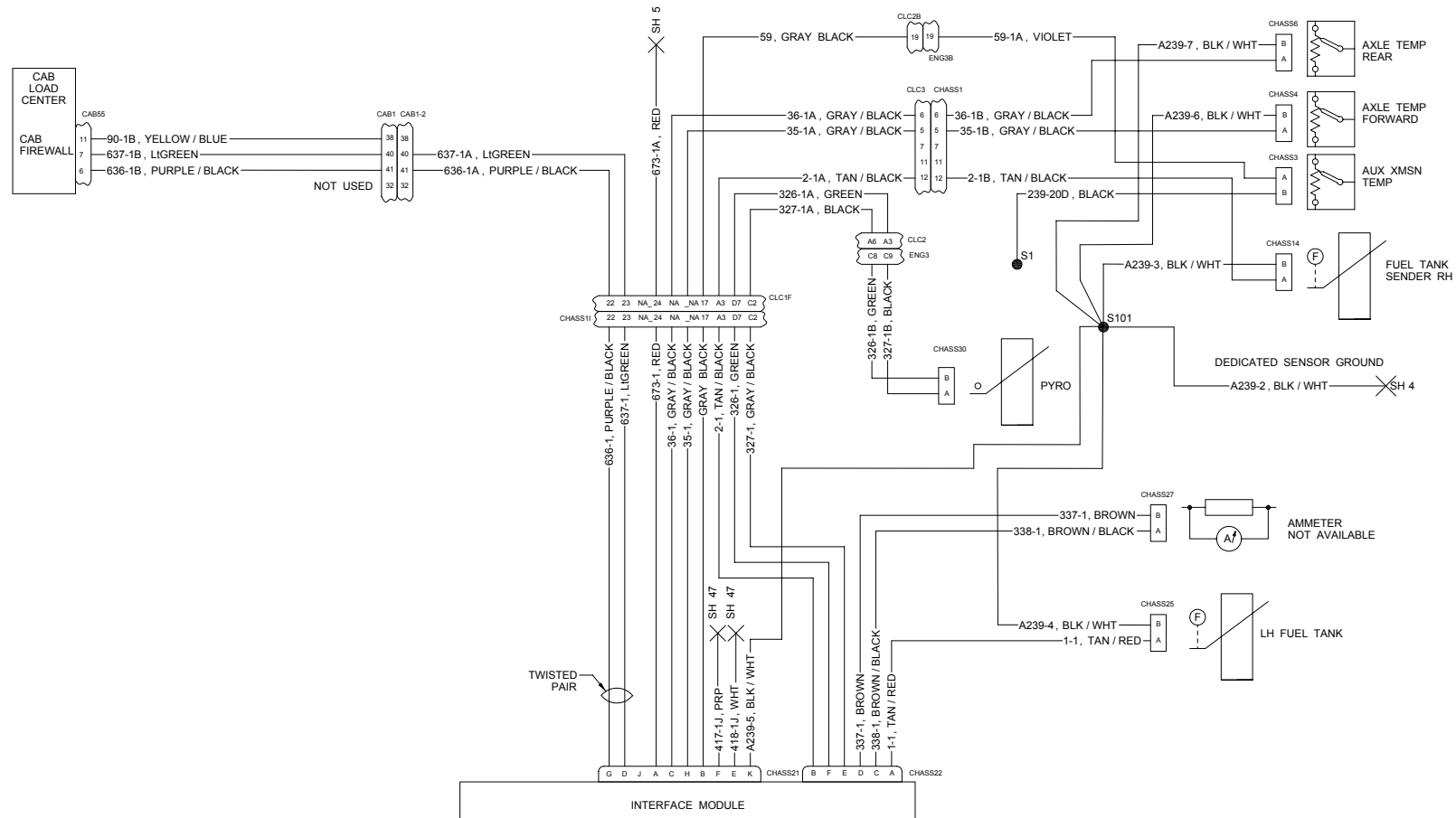
HEADLAMP / DRL



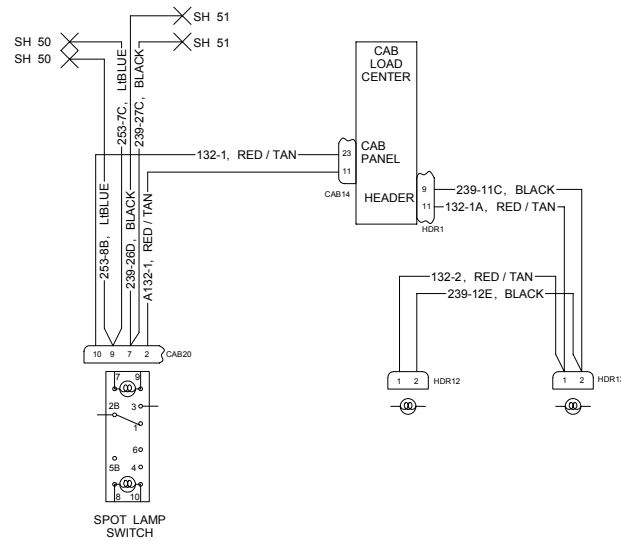
FOG LAMPS



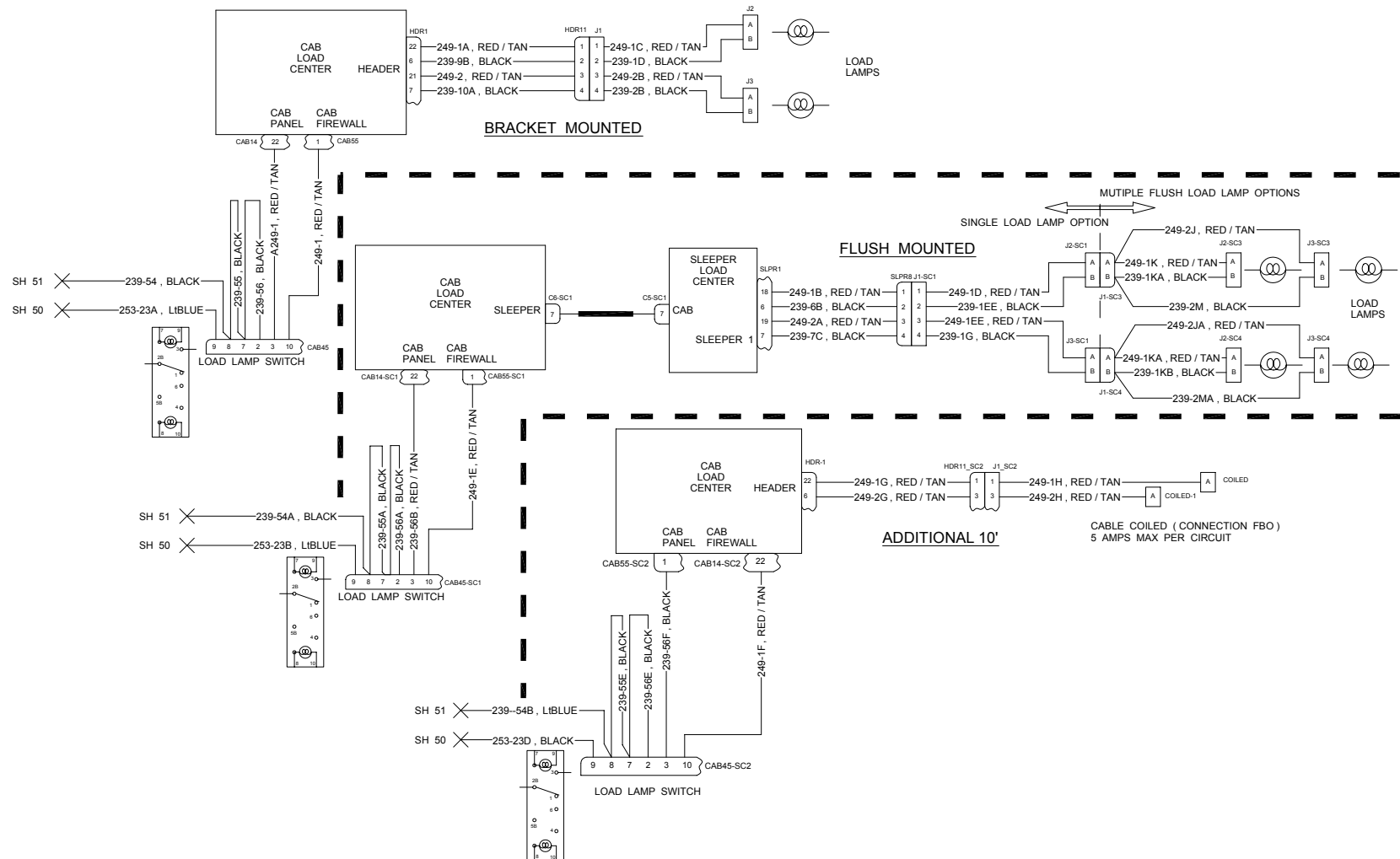
AIR DRYER

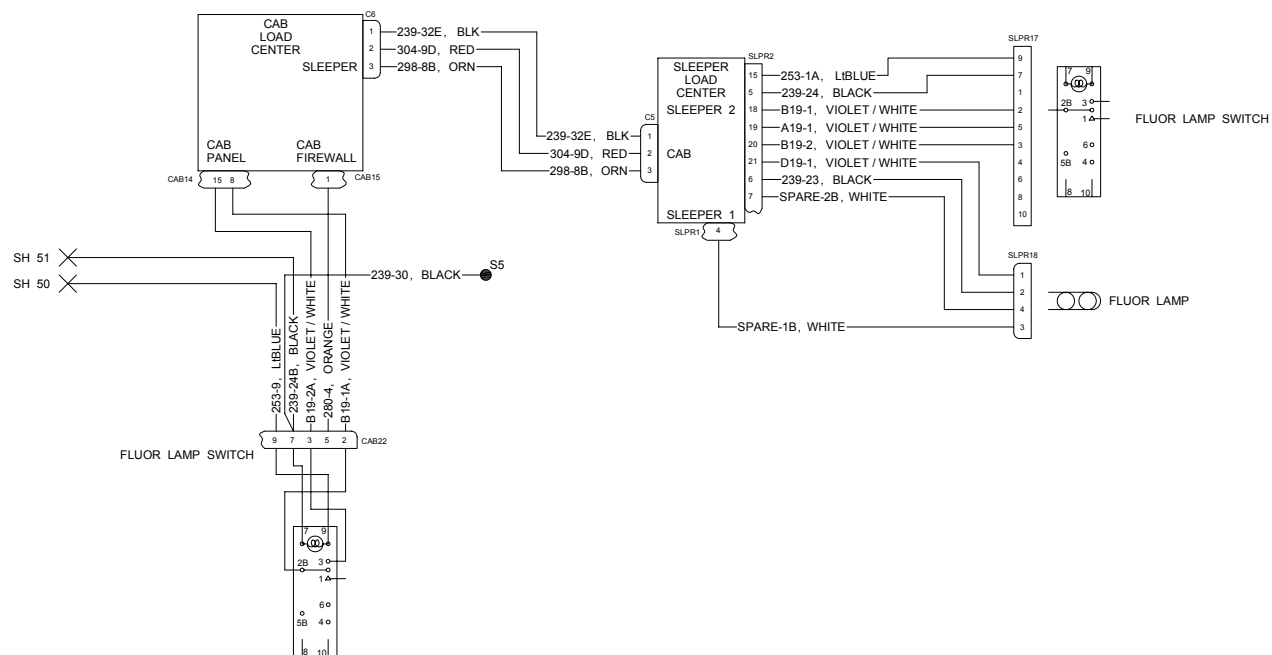


INTERFACE MODULE

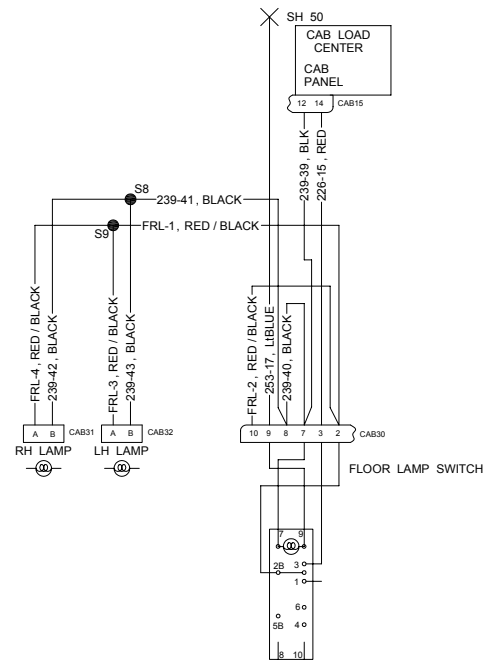


SPOT LAMPS

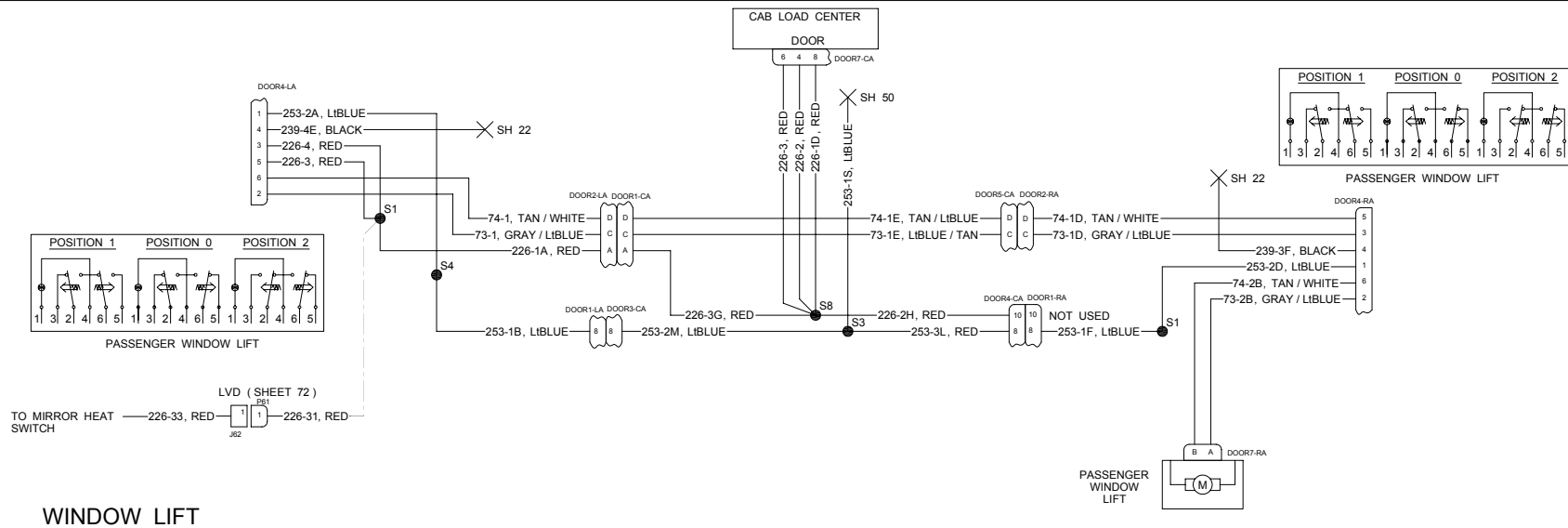
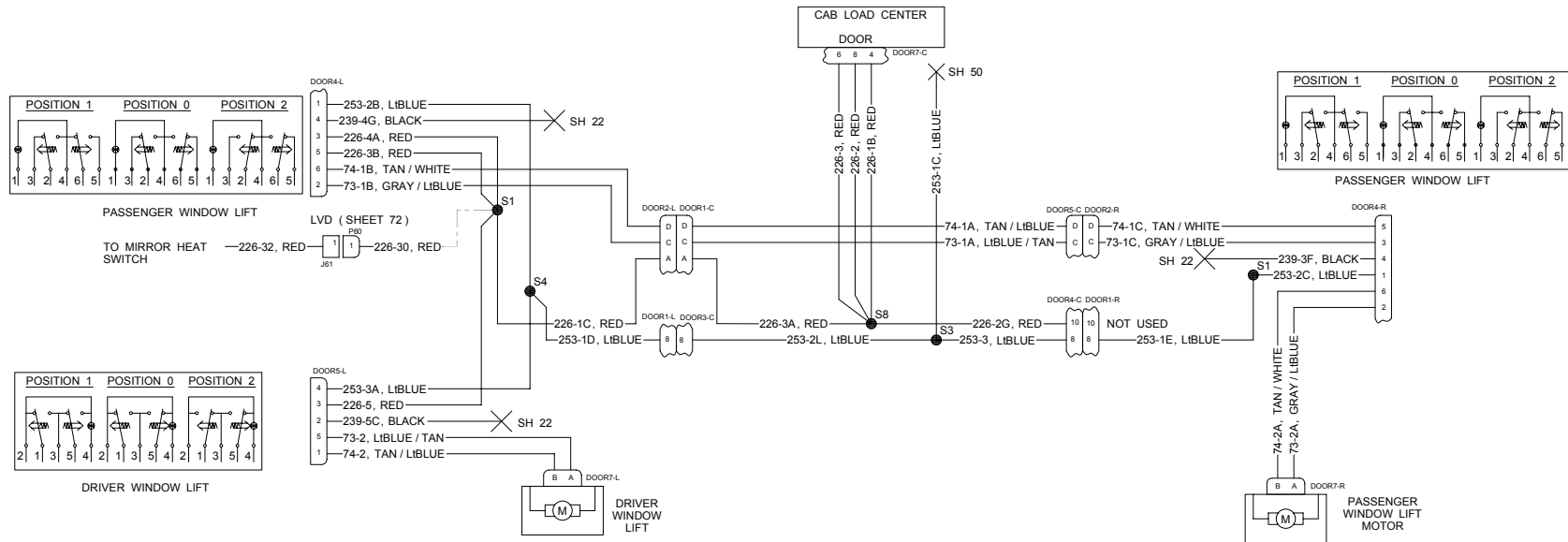


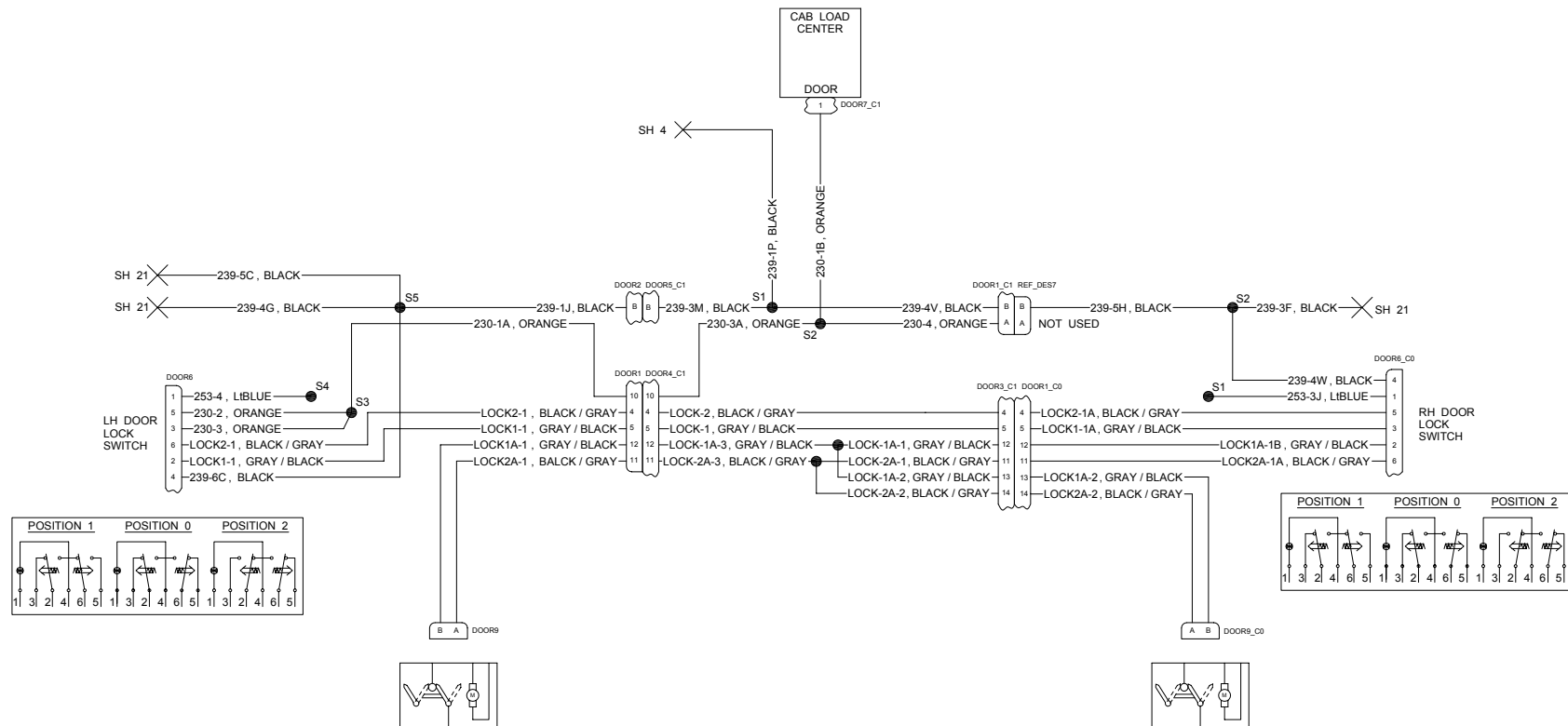


FLUORESCENT LAMP SLEEPER

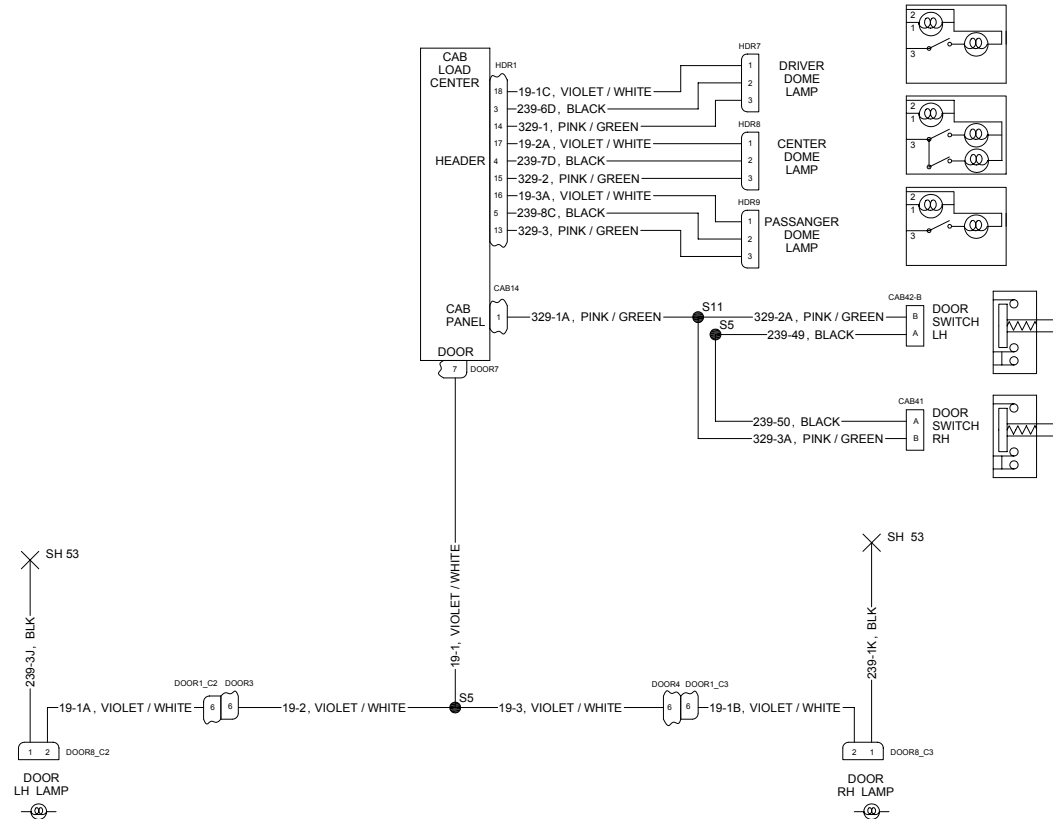


FLOOR LAMP

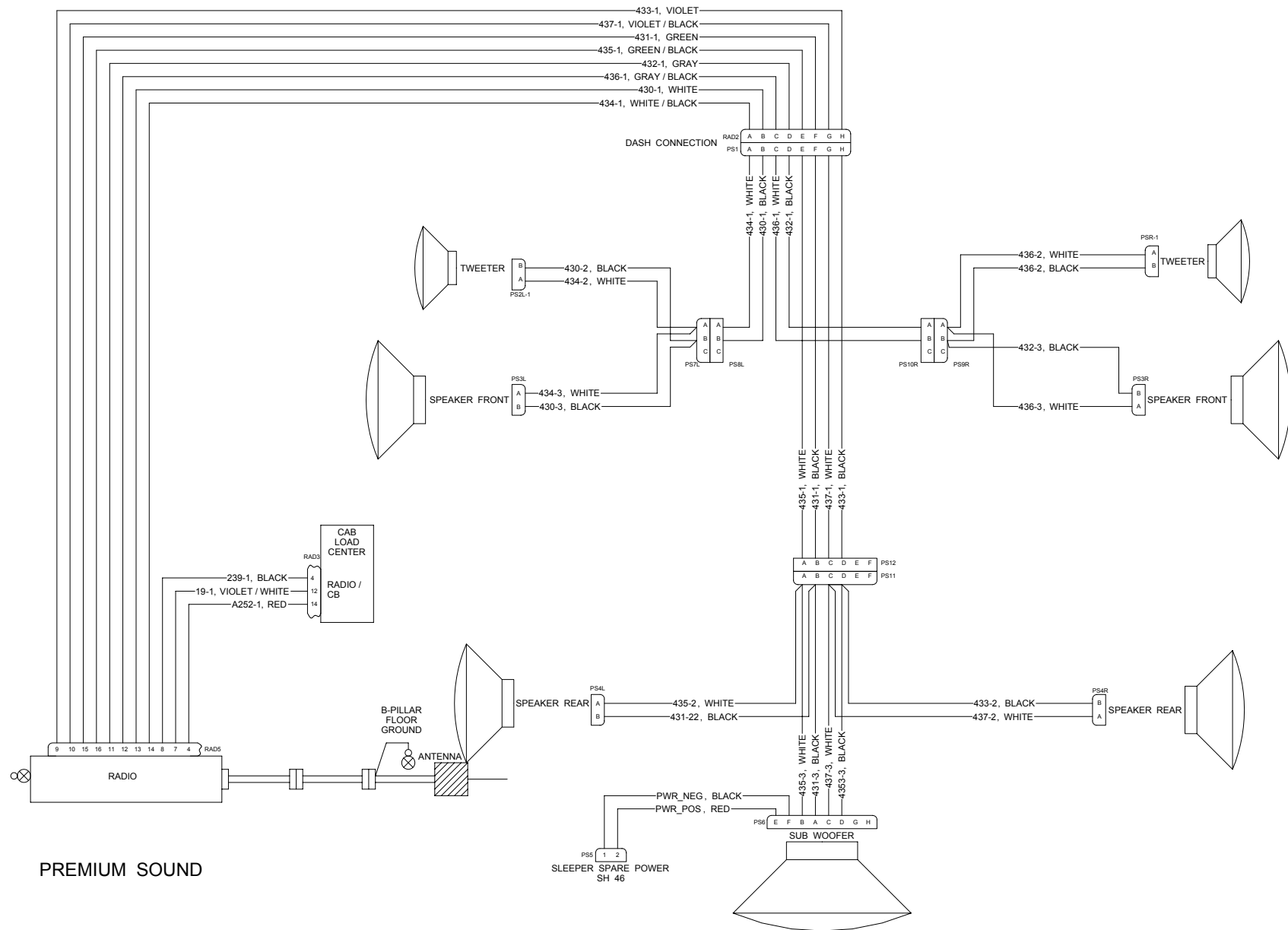


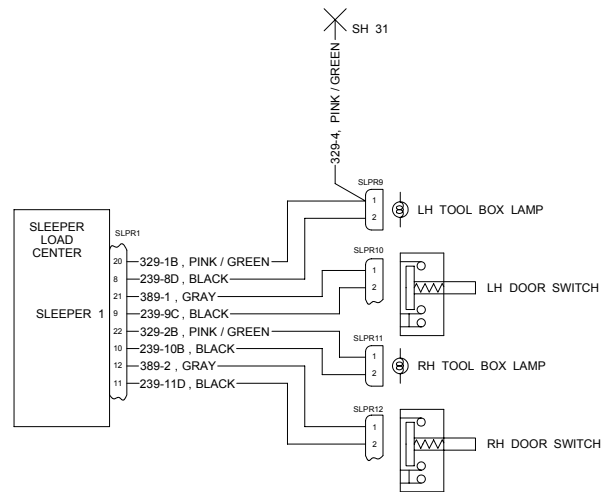


CENTRAL DOOR LOCKS

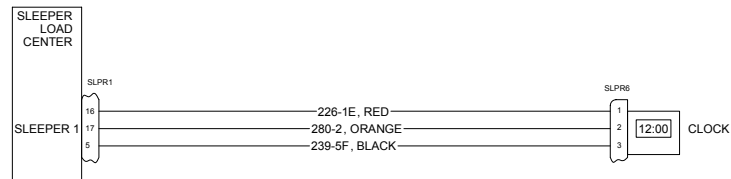


DOOR LAMPS / DOME LAMPS

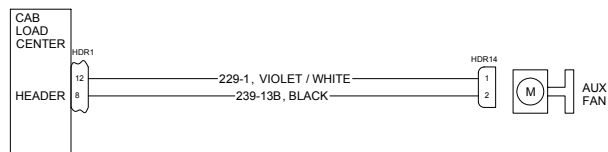




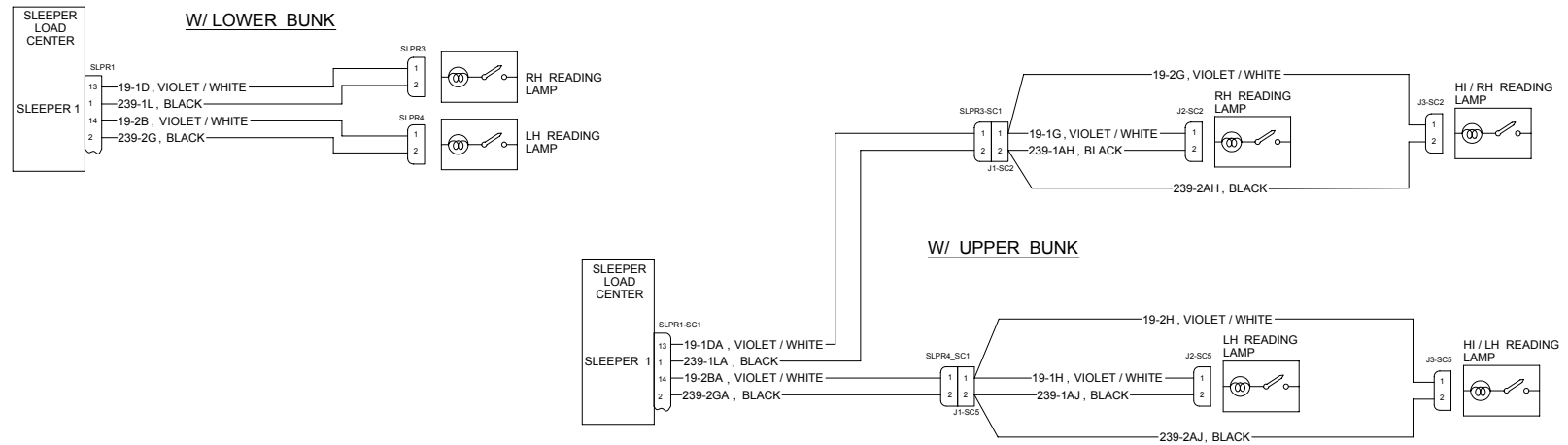
SLEEPER TOOL BOX LAMPS



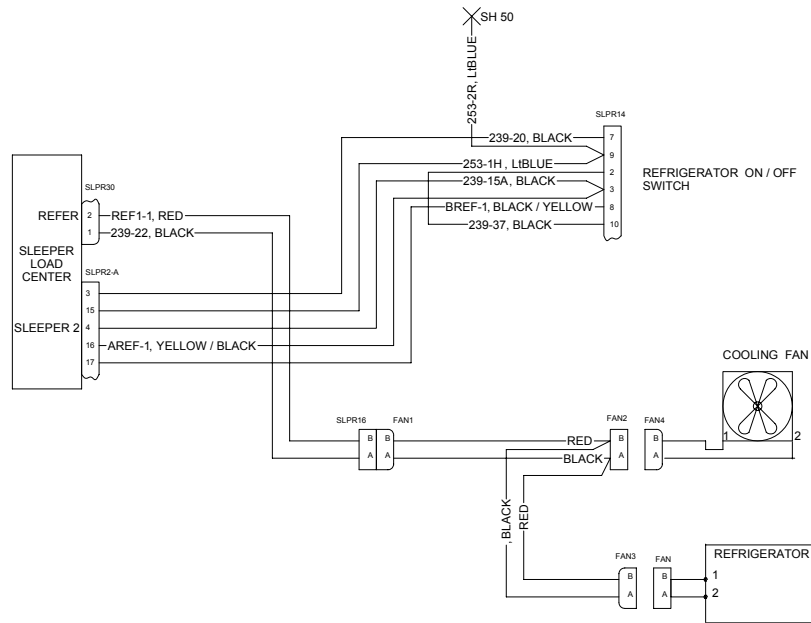
SLEEPER CLOCK



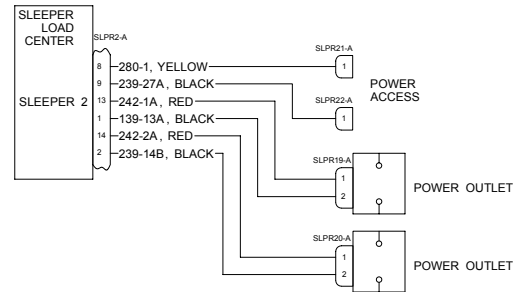
AUX FAN



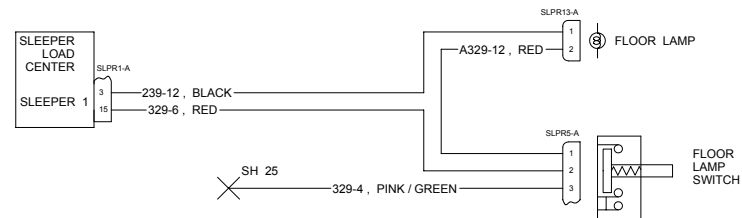
SLEEPER READING LAMPS



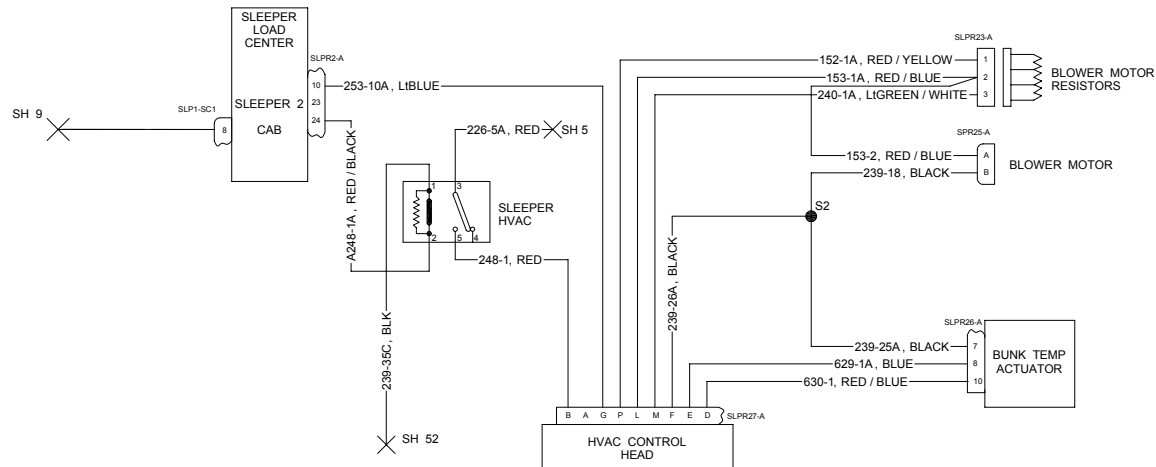
REFRIGERATOR UNIT / REFER



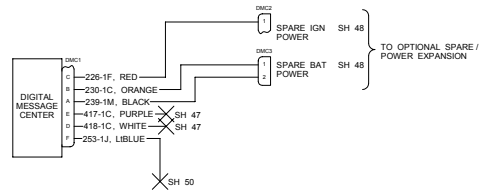
SLEEPER POWER ACCESS OUTLETS



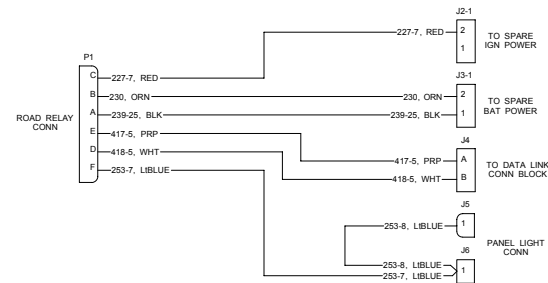
SLEEPER FLOOR LAMP



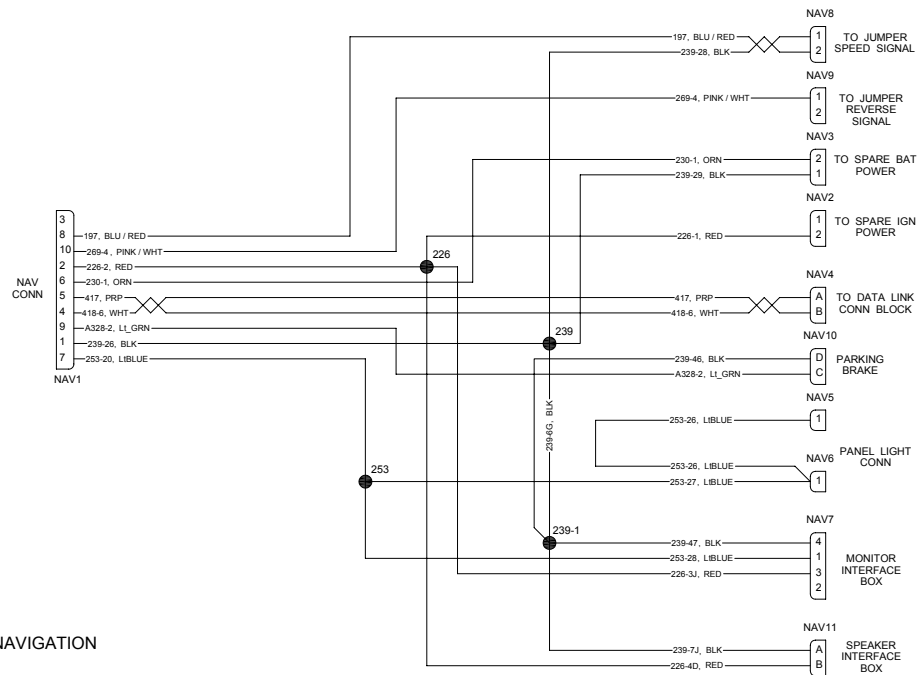
SLEEPER HVAC



DIGITAL MESSAGE CENTER

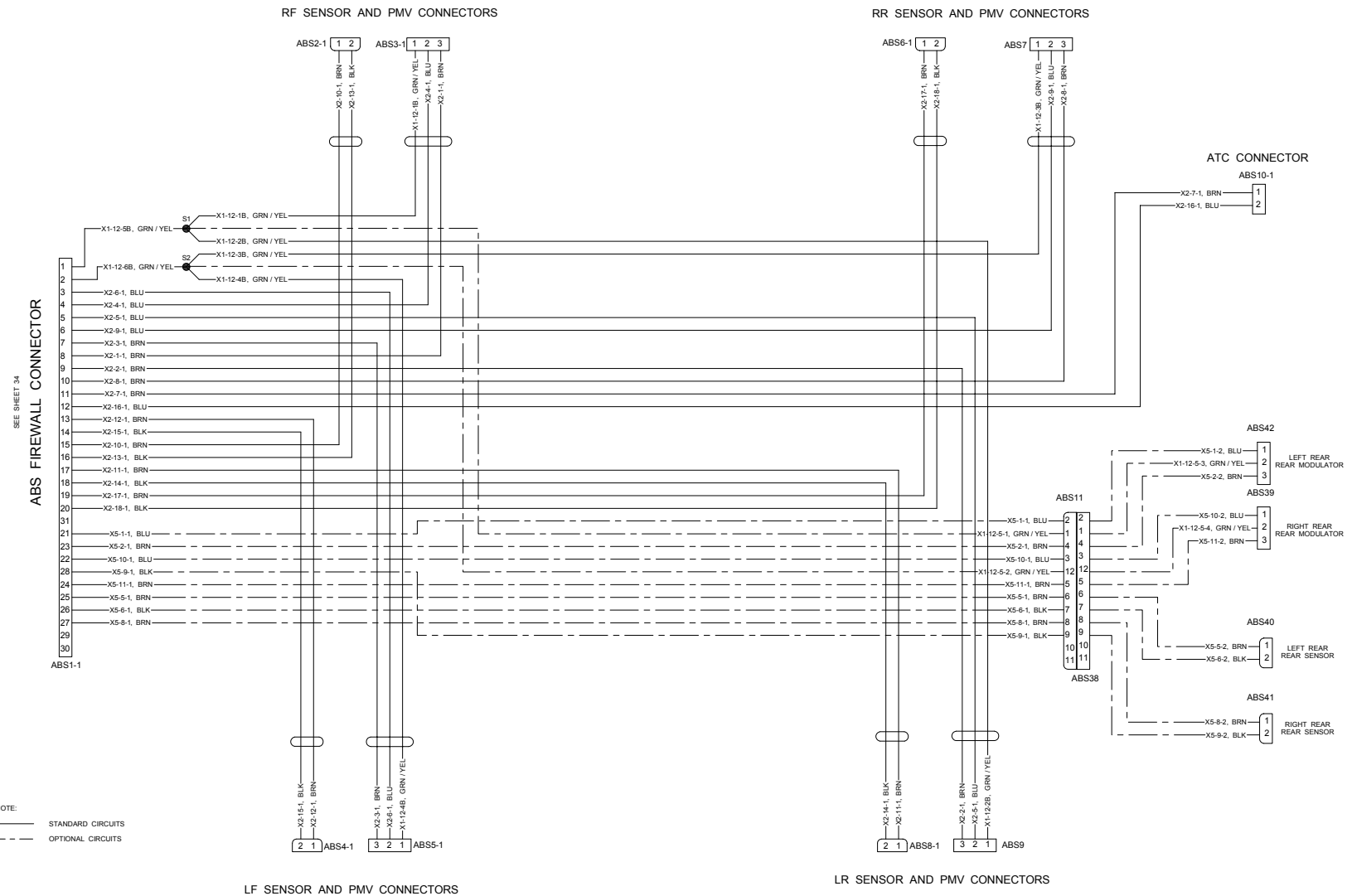


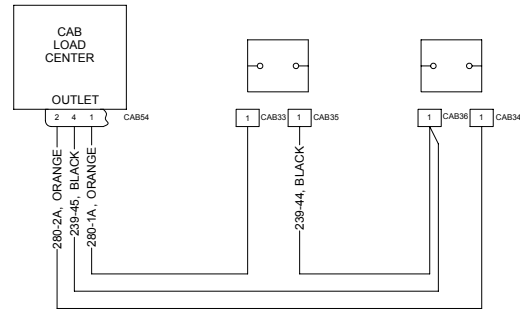
ROAD RELAY



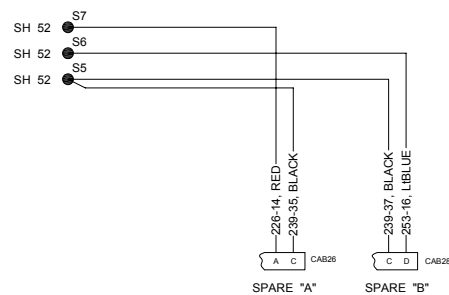
NAVIGATION



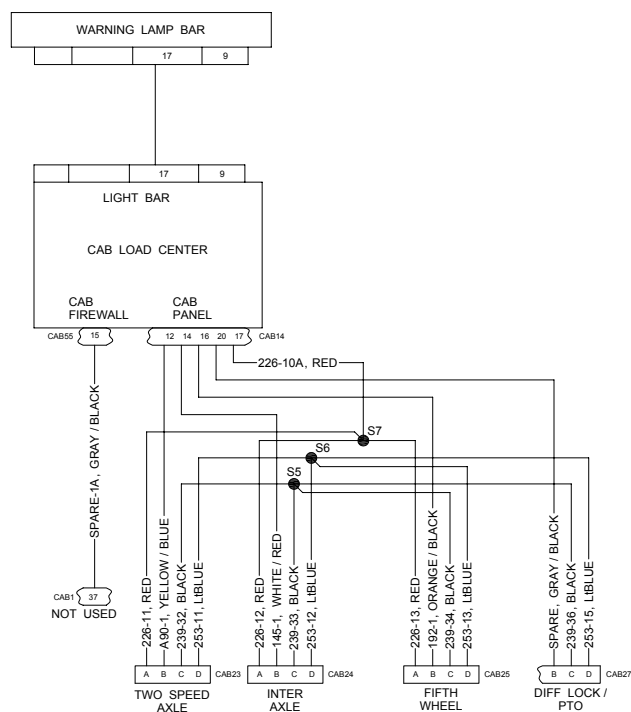




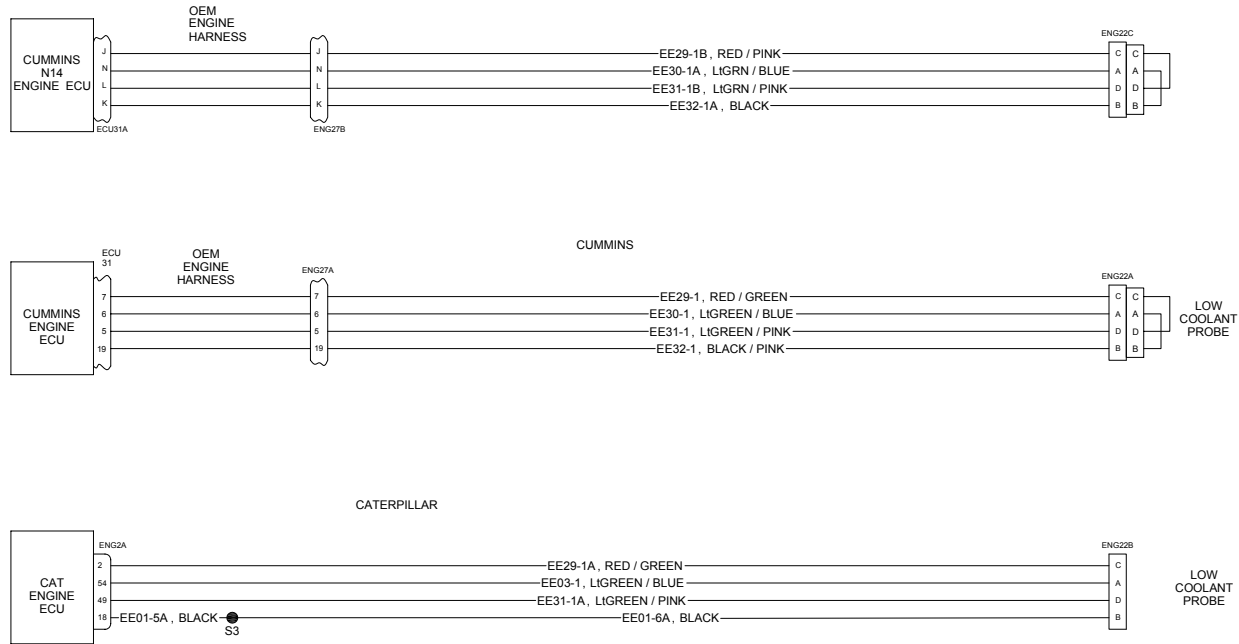
CAB CIGAR LIGHTER / POWER CONNECTION



SPARE SWITCHES

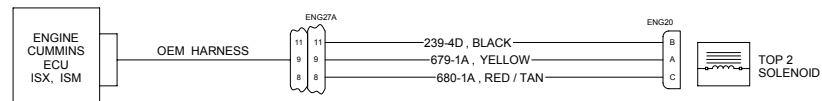
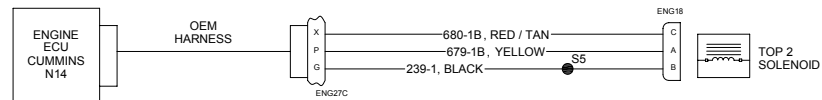


TWO SPEED AXLE / INTER AXLE /
FIFTH WHEEL / DIFF LOCK / PTO

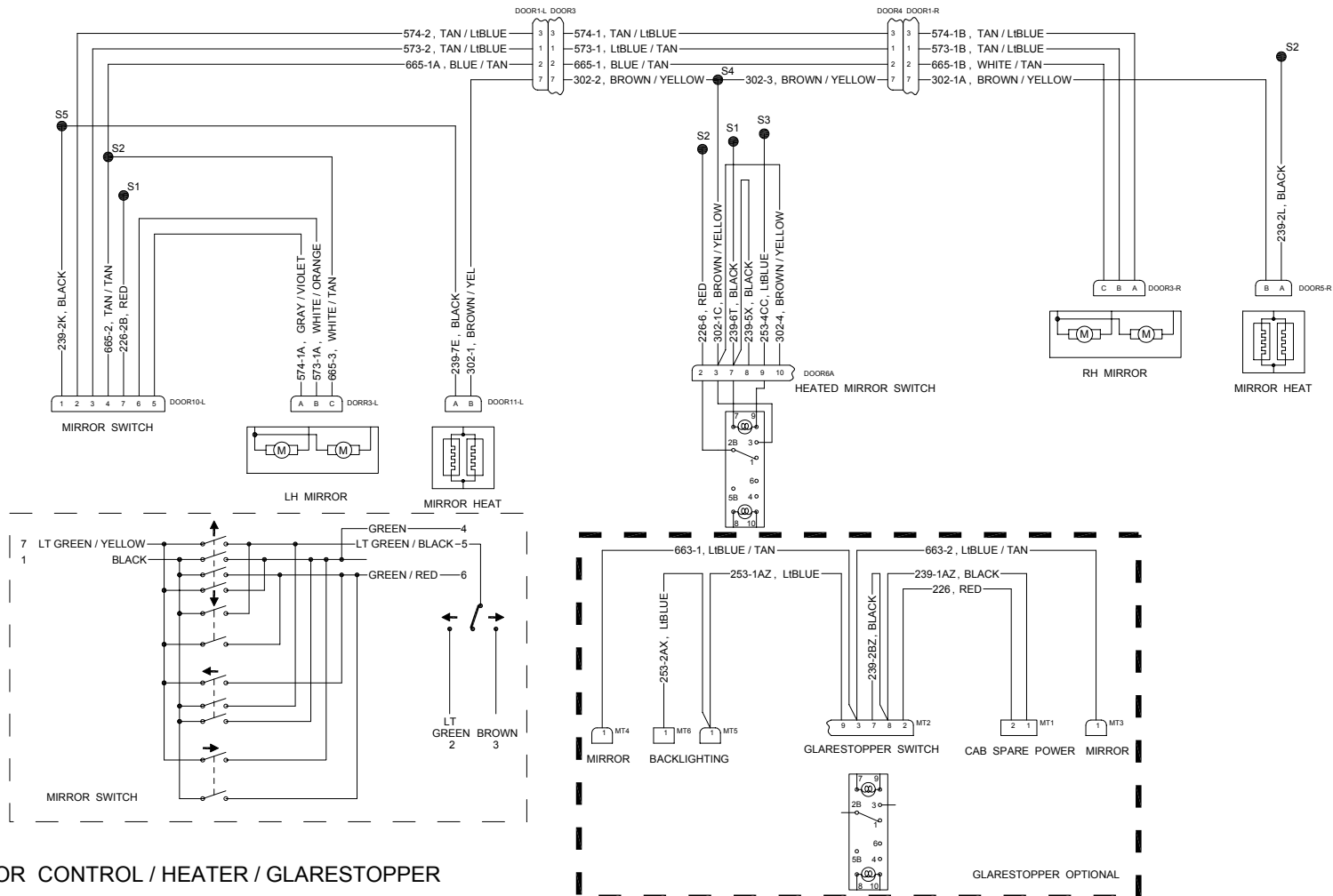


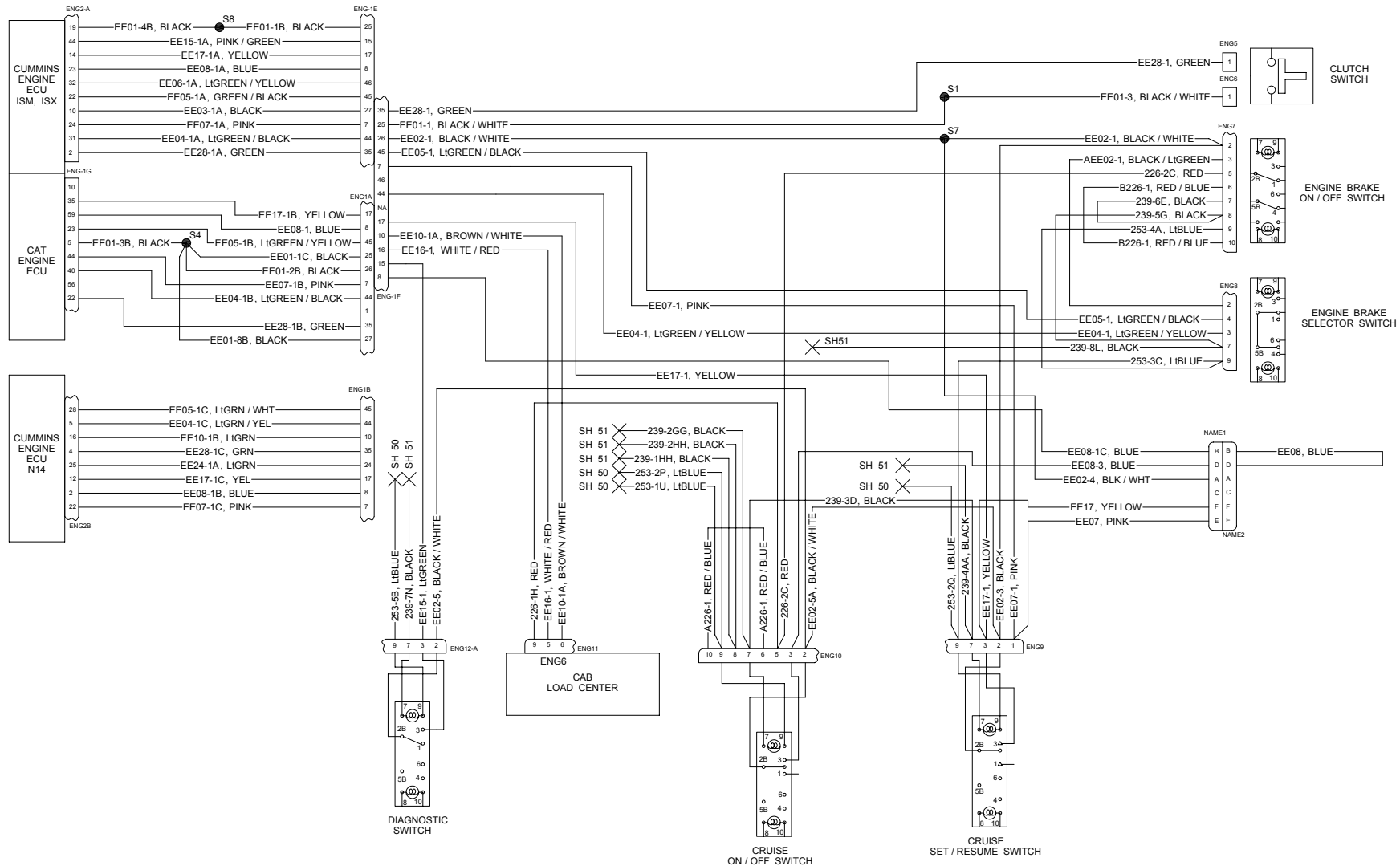
NOTE: SEE BILL OF MATERIAL OR ECAT SYSTEM FOR SPECIFIC ENGINE SCHEMATIC DRAWING NUMBER

LOW COOLANT

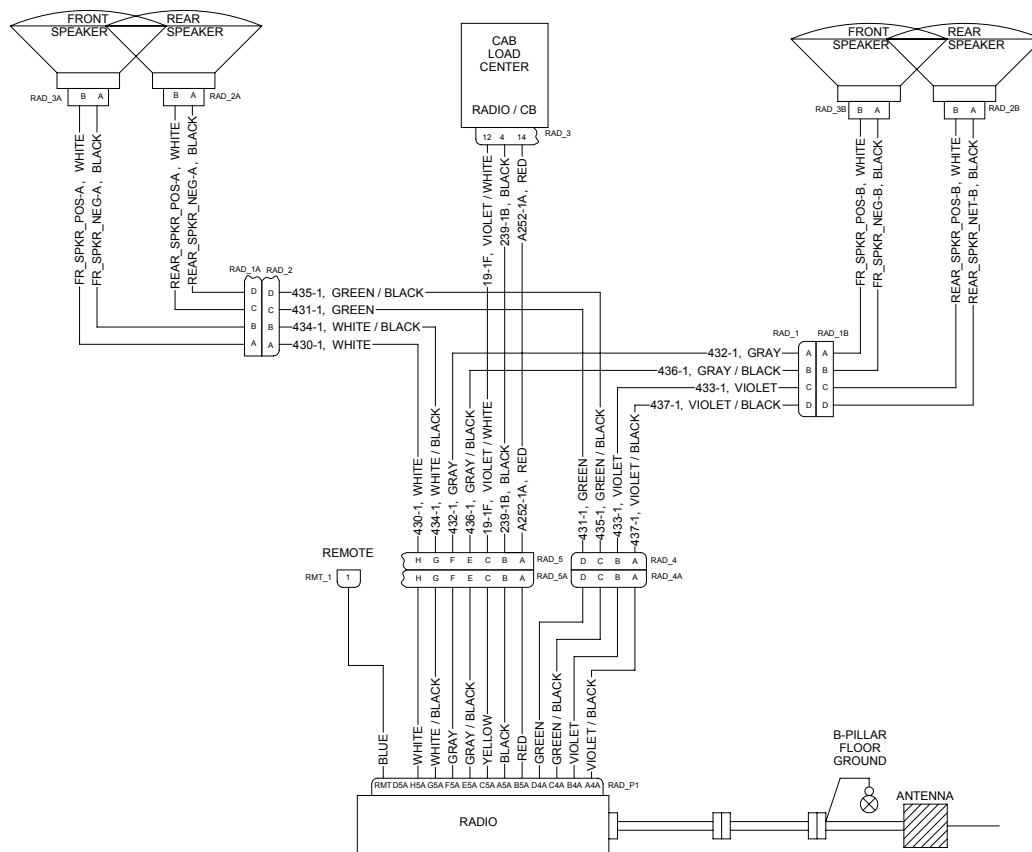


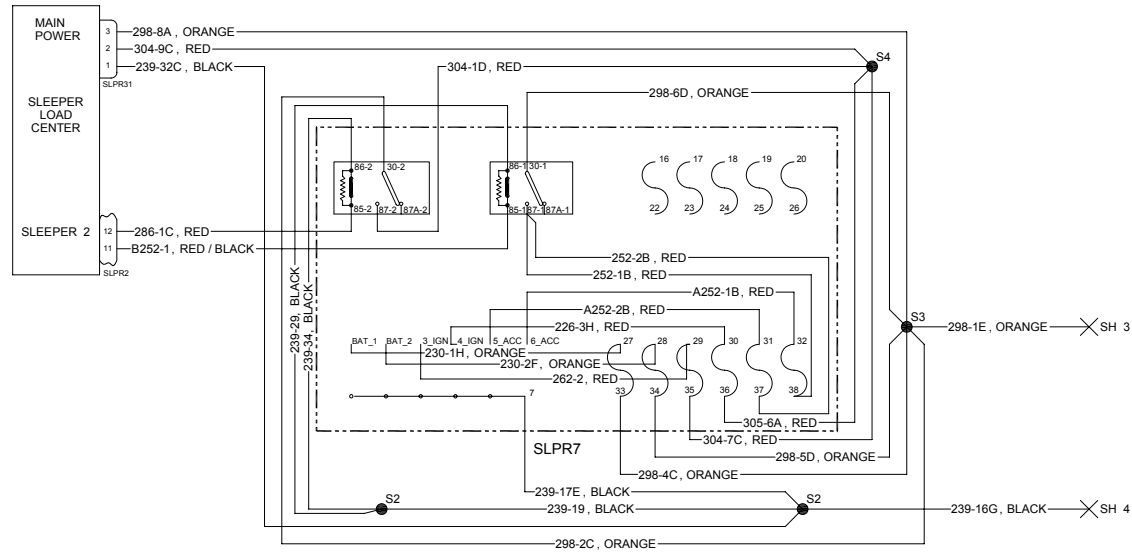
EATON TOP 2 TRANSMISSION





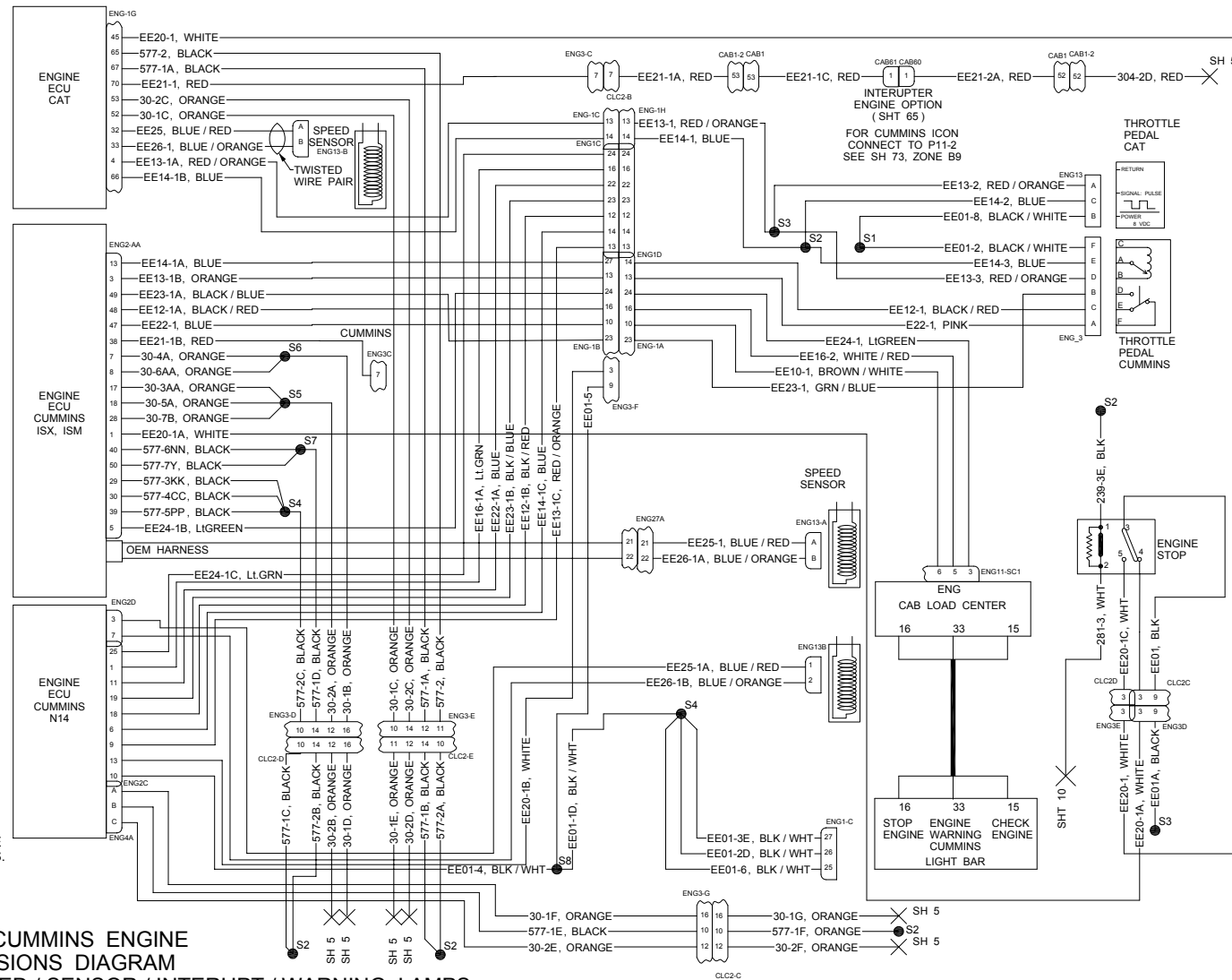
NOTE: SEE BILL OF MATERIAL OR ECAT SYSTEM FOR SPECIFIC ENGINE SCHEMATIC DRAWING NUMBER
ENGINE BRAKE / CRUISE CONTROL / DIAGNOSTIC





SPARE POWER SYSTEM EXPANSION SLEEPER

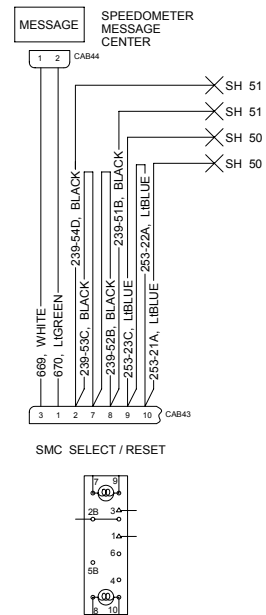
NOTE: SEE BILL OF MATERIAL OR ECAT SYSTEM FOR SPECIFIC ENGINE SCHEMATIC DRAWING NUMBER



NOTES:

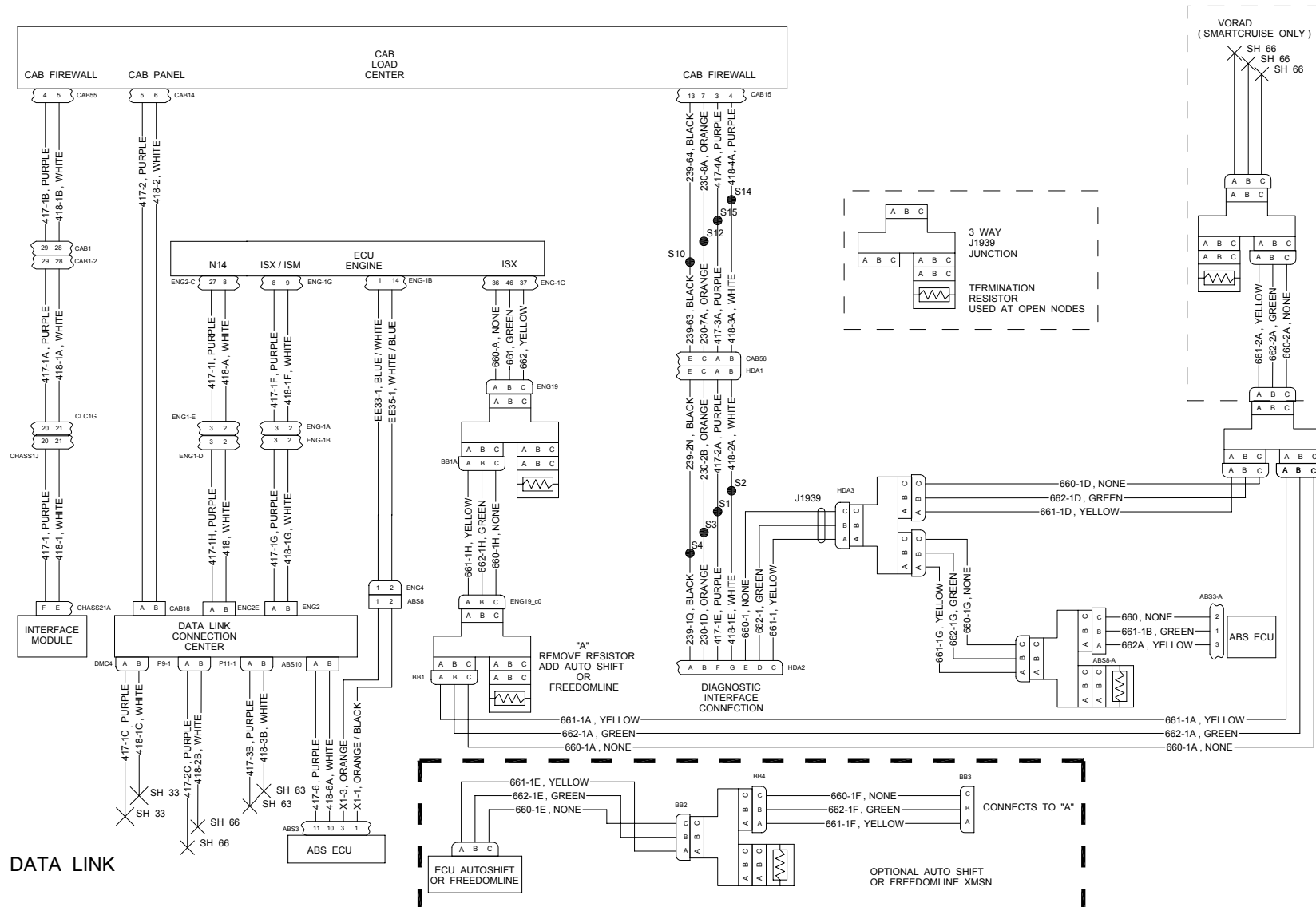
FOR 2002 EMISSIONS,
ENGINES, SEE APPROPRIATE
ENGINE SYSTEM DIAGRAMS.

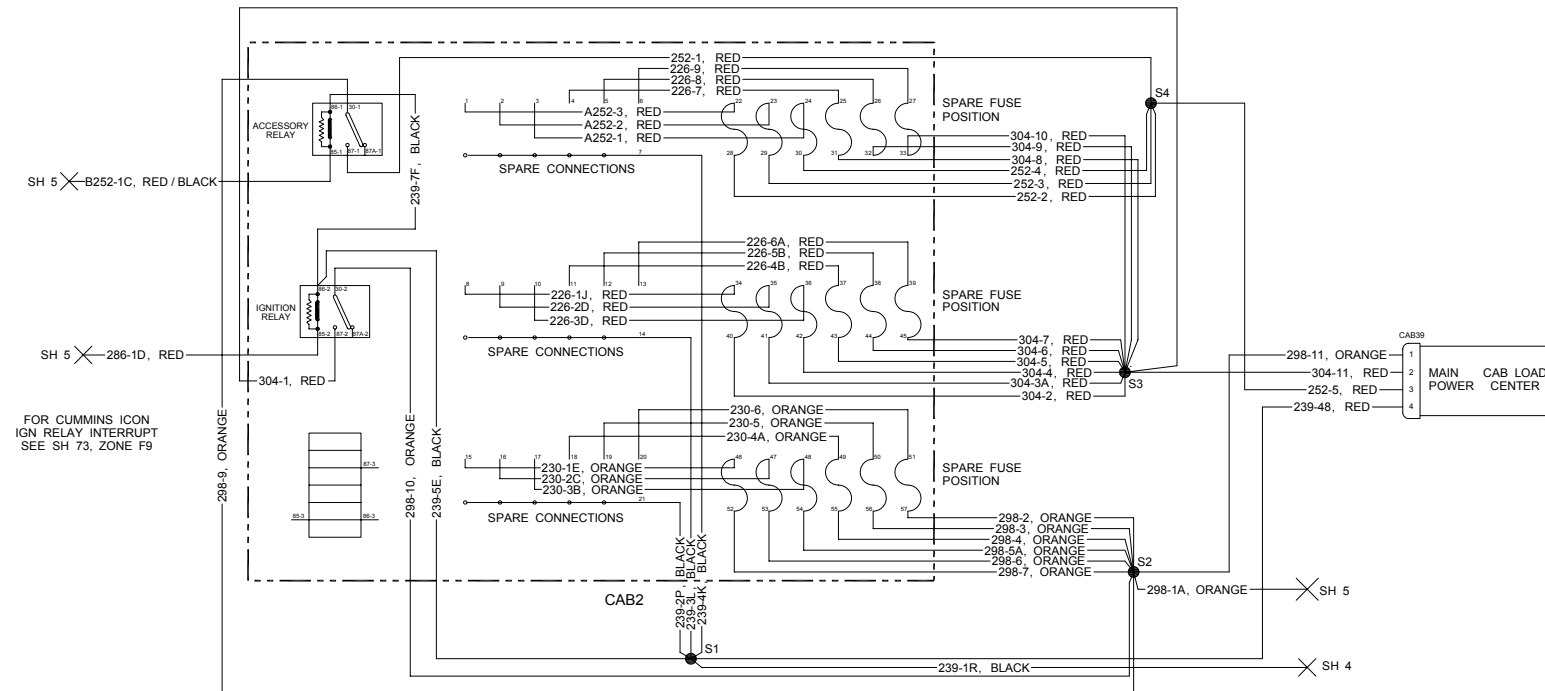
CATERPILLAR CUMMINS ENGINE
PRE-2002 EMISSIONS DIAGRAM
ECU / TPS / SPEED / SENSOR / INTERRUPT / WARNING LAMPS



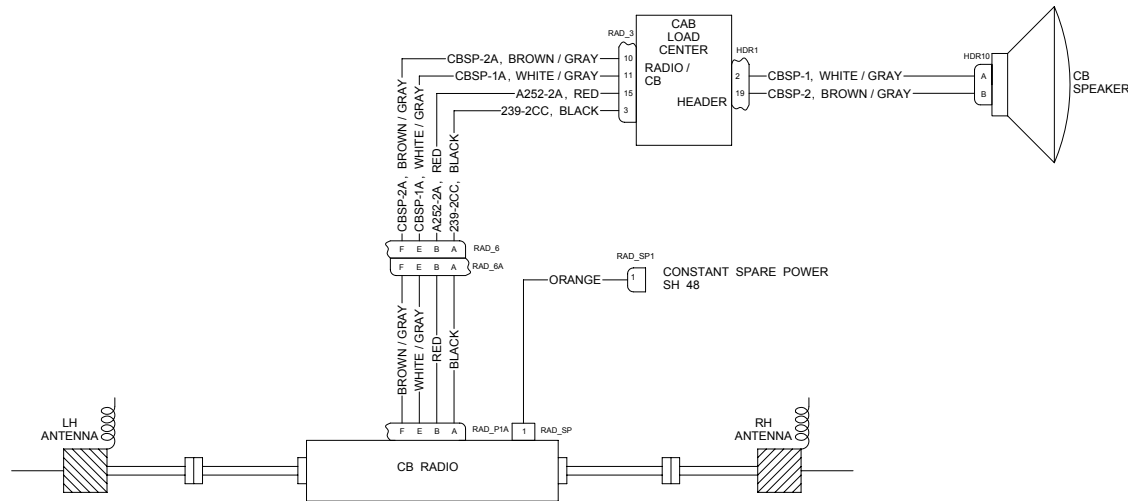
SPEEDO MESSAGE CENTER (SMC)

NOTE: SEE BILL OF MATERIAL OR ECAT SYSTEM FOR SPECIFIC ENGINE SCHEMATIC DRAWING NUMBER

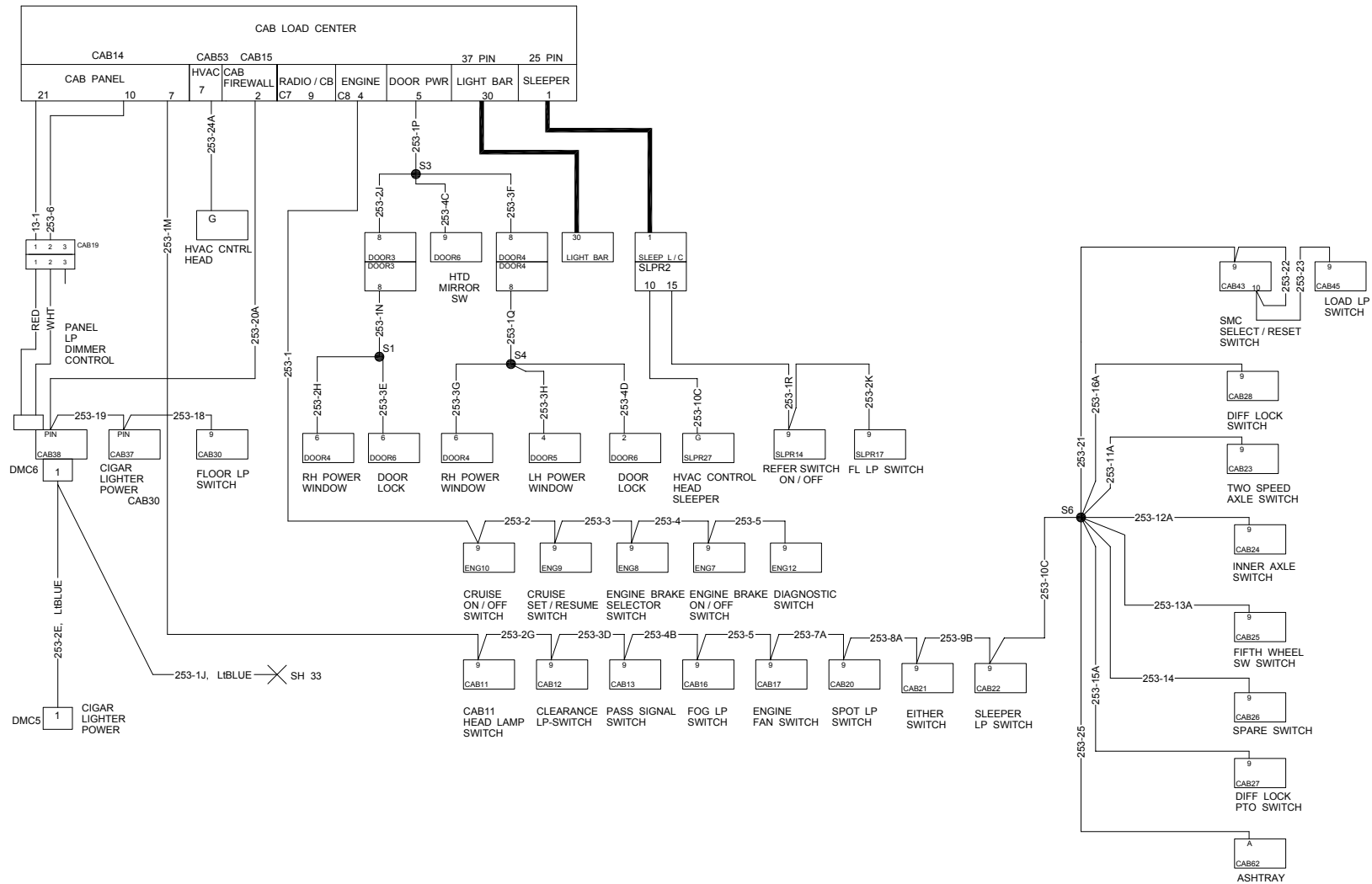




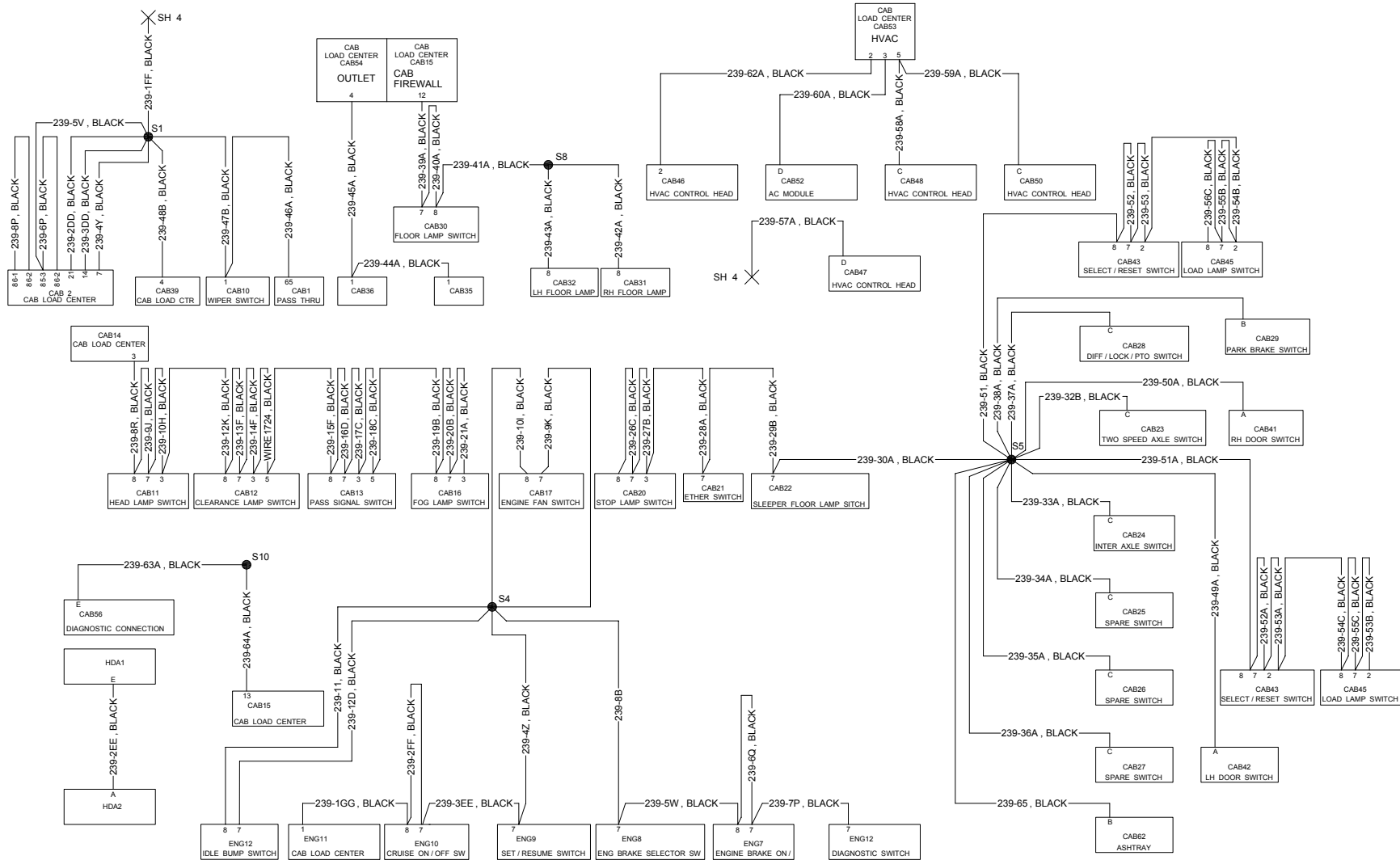
CAB SPARE POWER SYSTEM EXPANSION



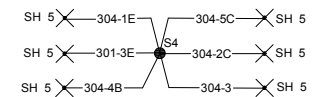
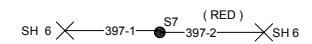
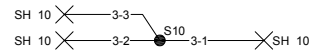
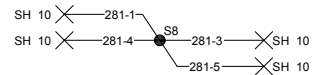
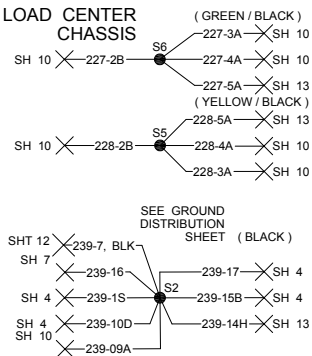
CB RADIO



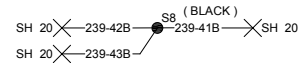
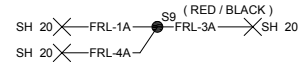
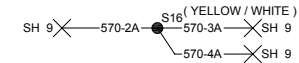
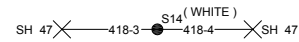
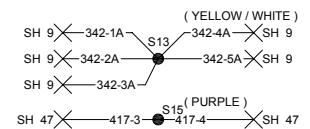
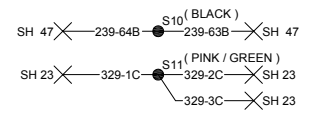
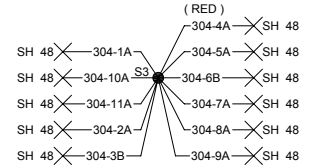
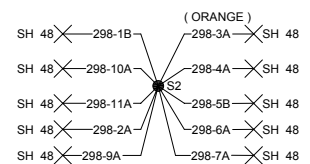
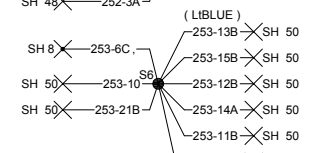
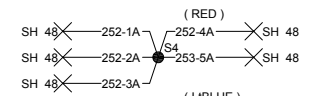
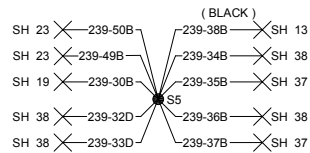
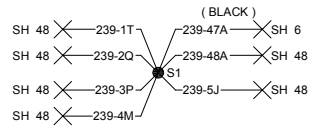
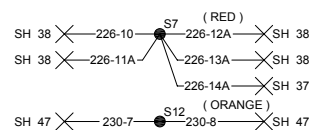
BACK LIGHTING +12 VOLTS



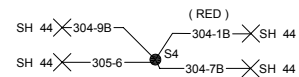
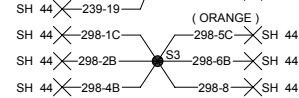
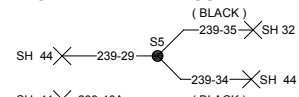
NEGATIVE SWITCH LINKS

LOAD CENTER
CHASSIS

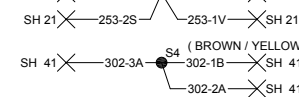
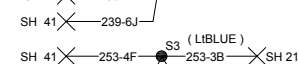
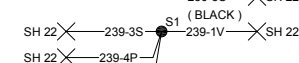
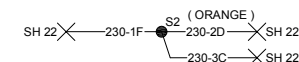
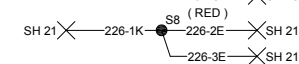
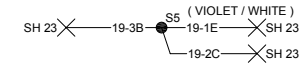
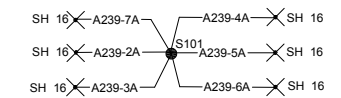
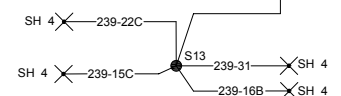
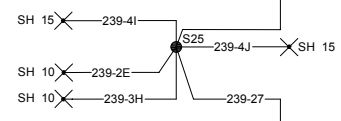
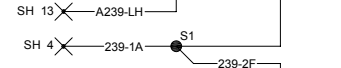
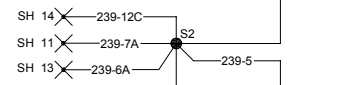
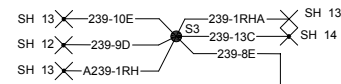
MAIN CAB HARNESS



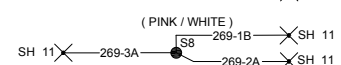
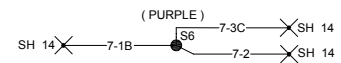
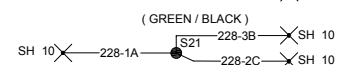
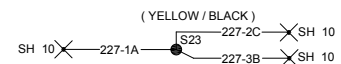
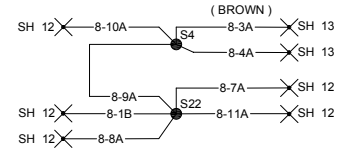
SLEEPER HARNESS



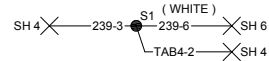
DOOR CONTROL

CHASSIS HARNESS
(BLACK)

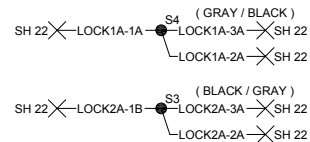
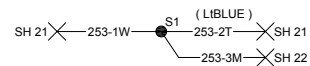
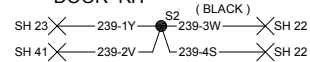
CHASSIS

SPLICE LOCATION
DISTRIBUTION

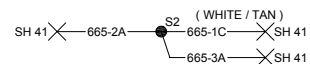
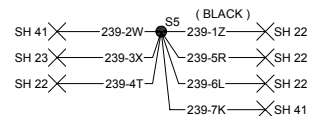
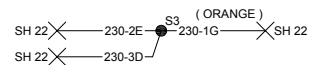
TRAILER HARNESS



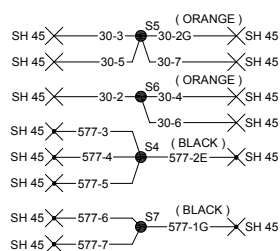
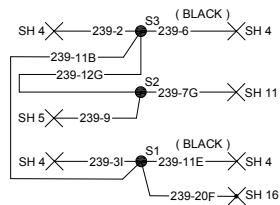
DOOR RH



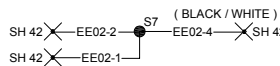
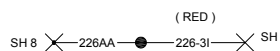
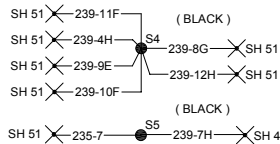
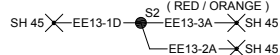
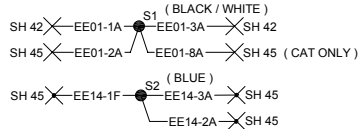
LH DOOR



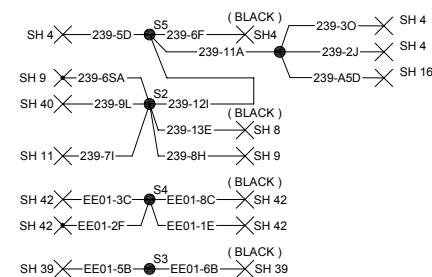
CUMMINS ENGINE



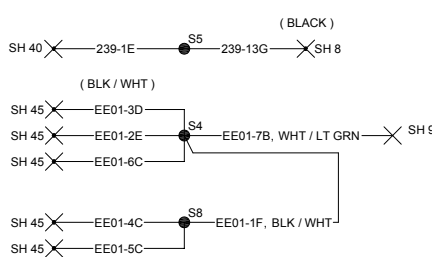
ENGINE DASH



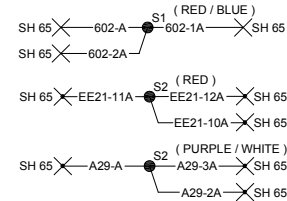
CAT ENGINE



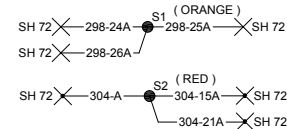
CUMMINS N14 ENGINE



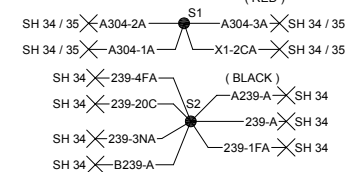
ULTRASHIFT XMSN



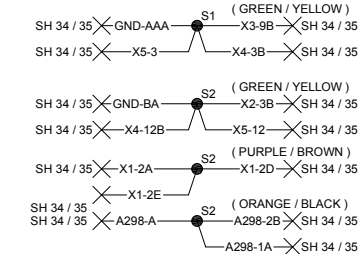
LOW VOLTAGE DISCONNECT



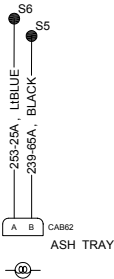
ABS CAB (RED)



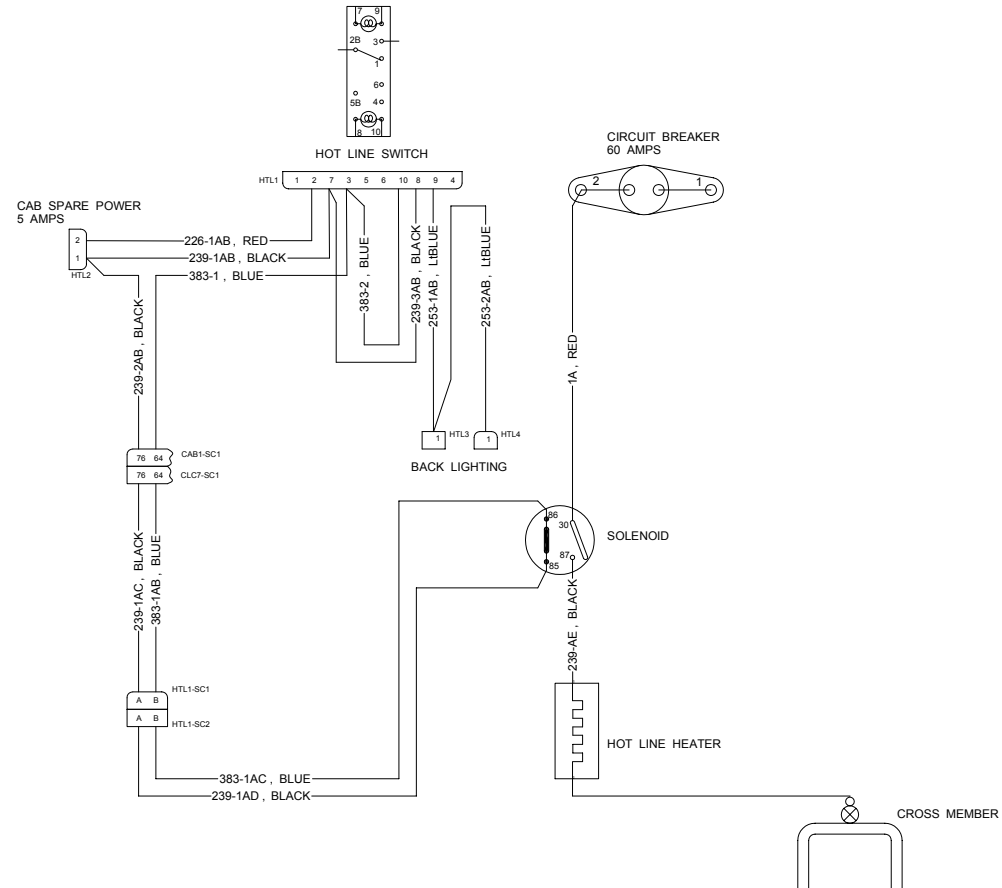
ABS CAB



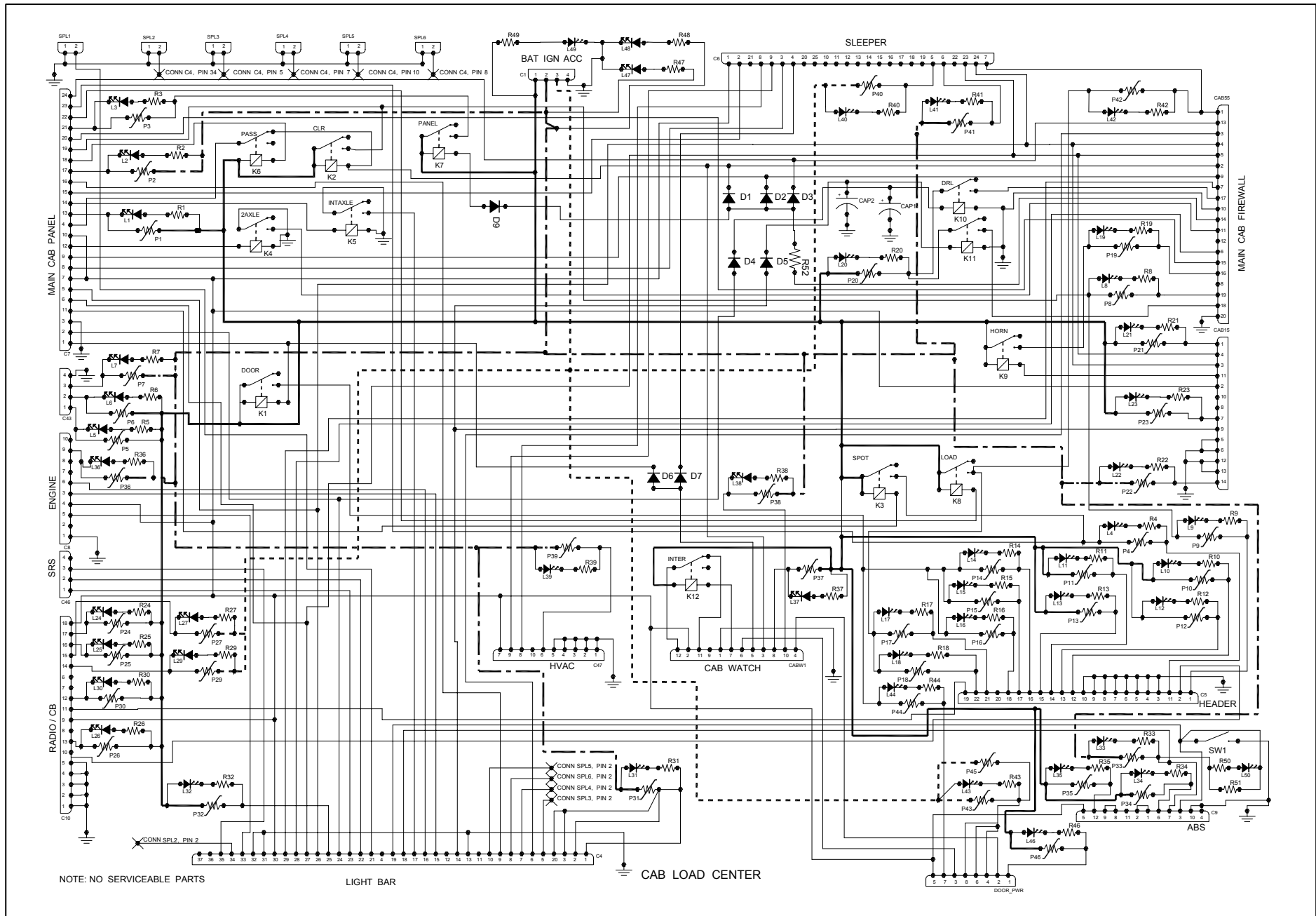
SPlice LOCATION DISTRIBUTION

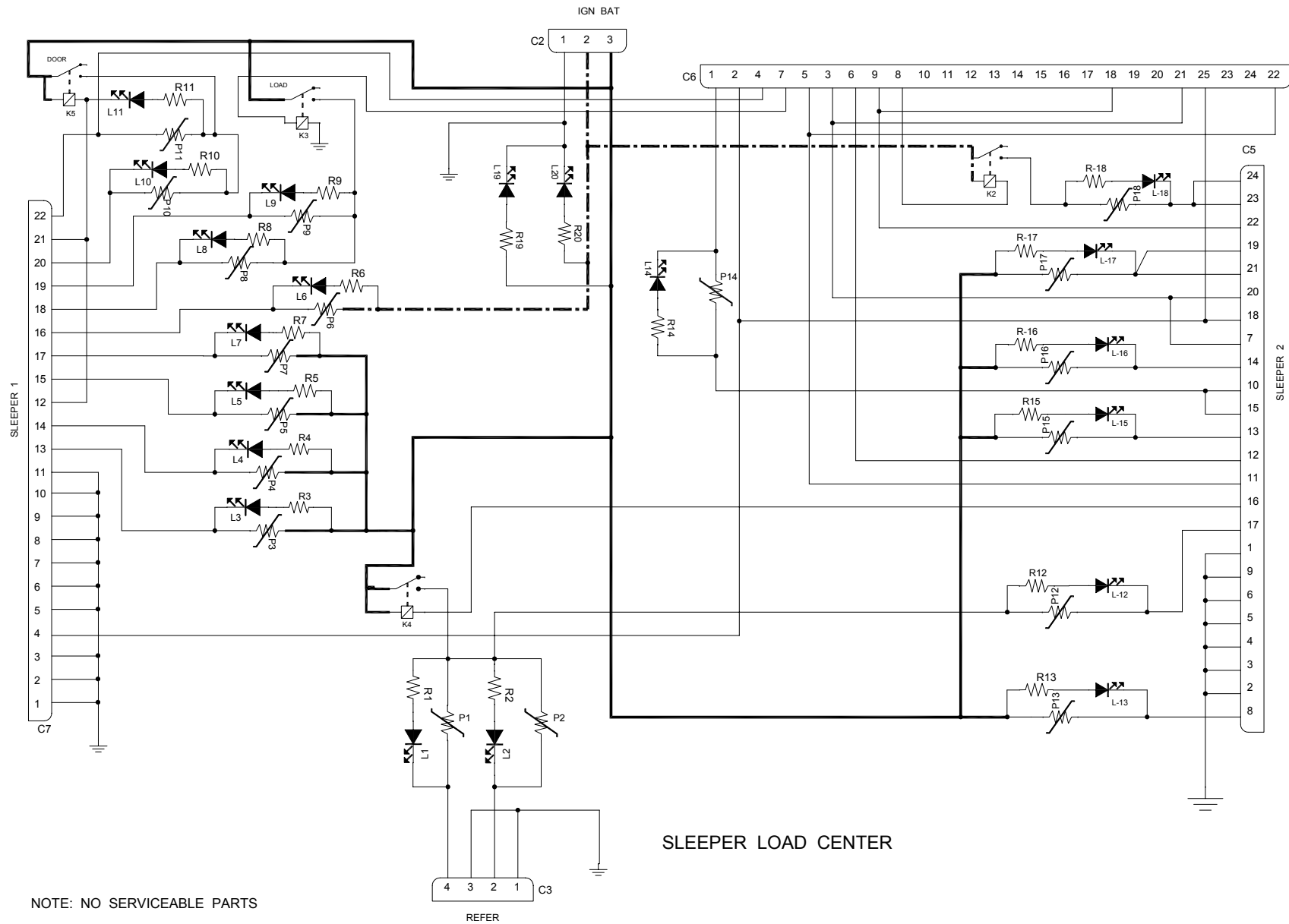


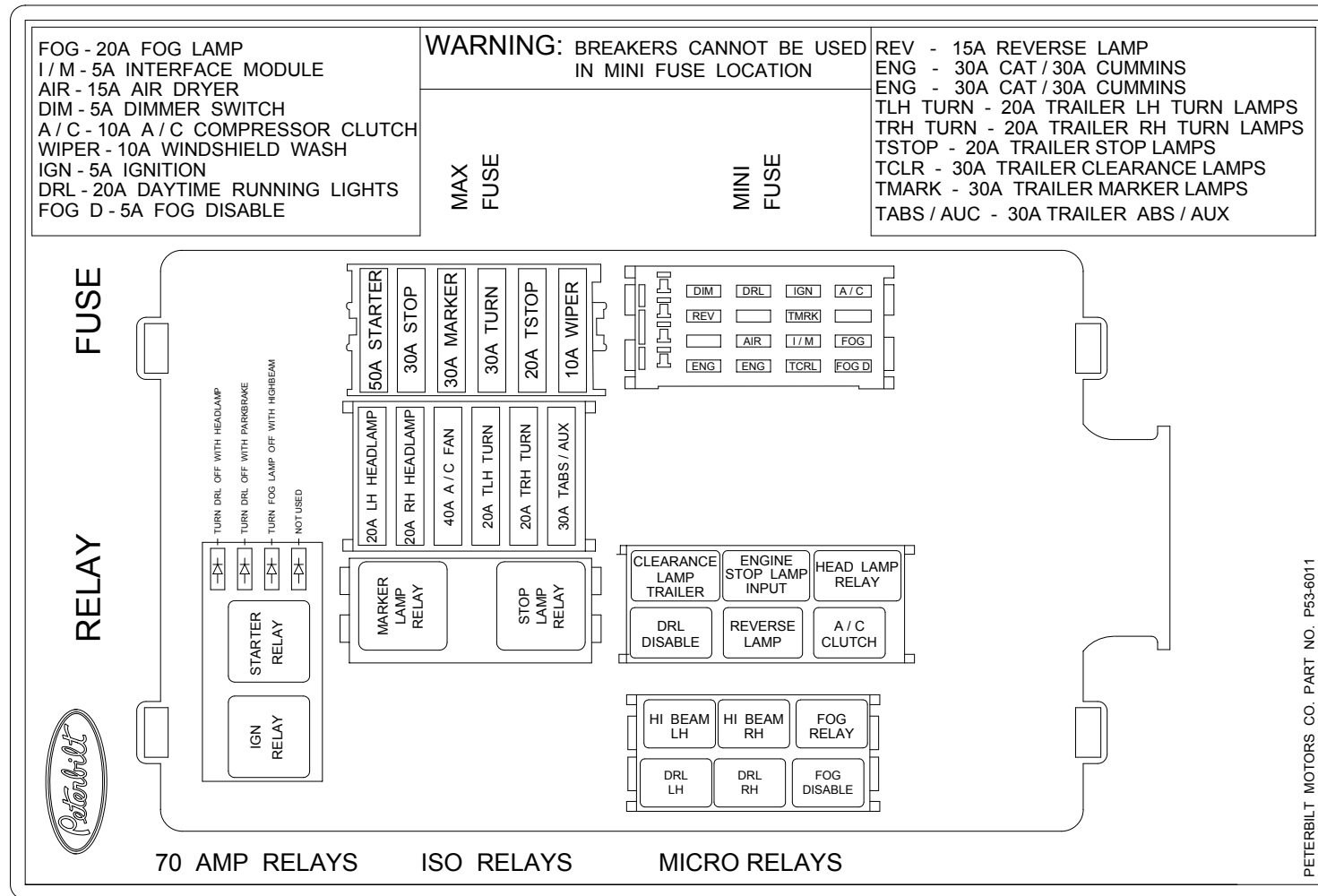
ASHTRAY



FUEL HOT LINE

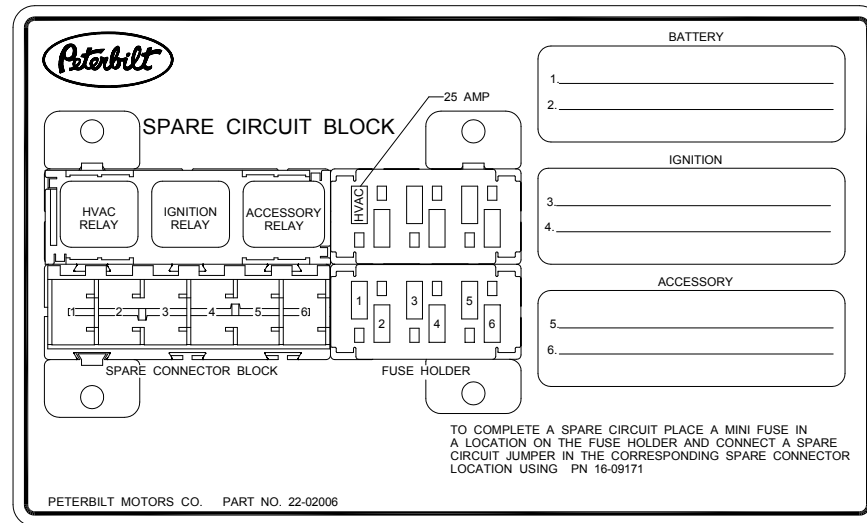




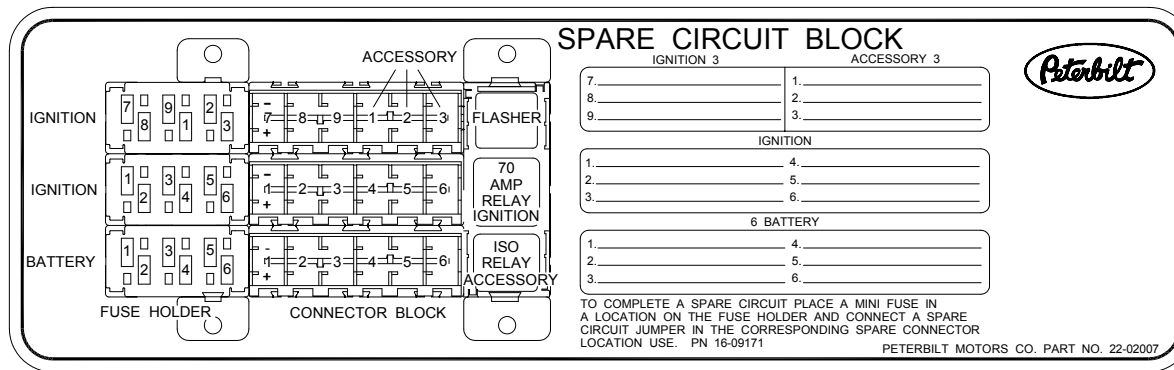


CHASSIS LOAD CENTER DECAL

"SPARE SHEET NOT USED"



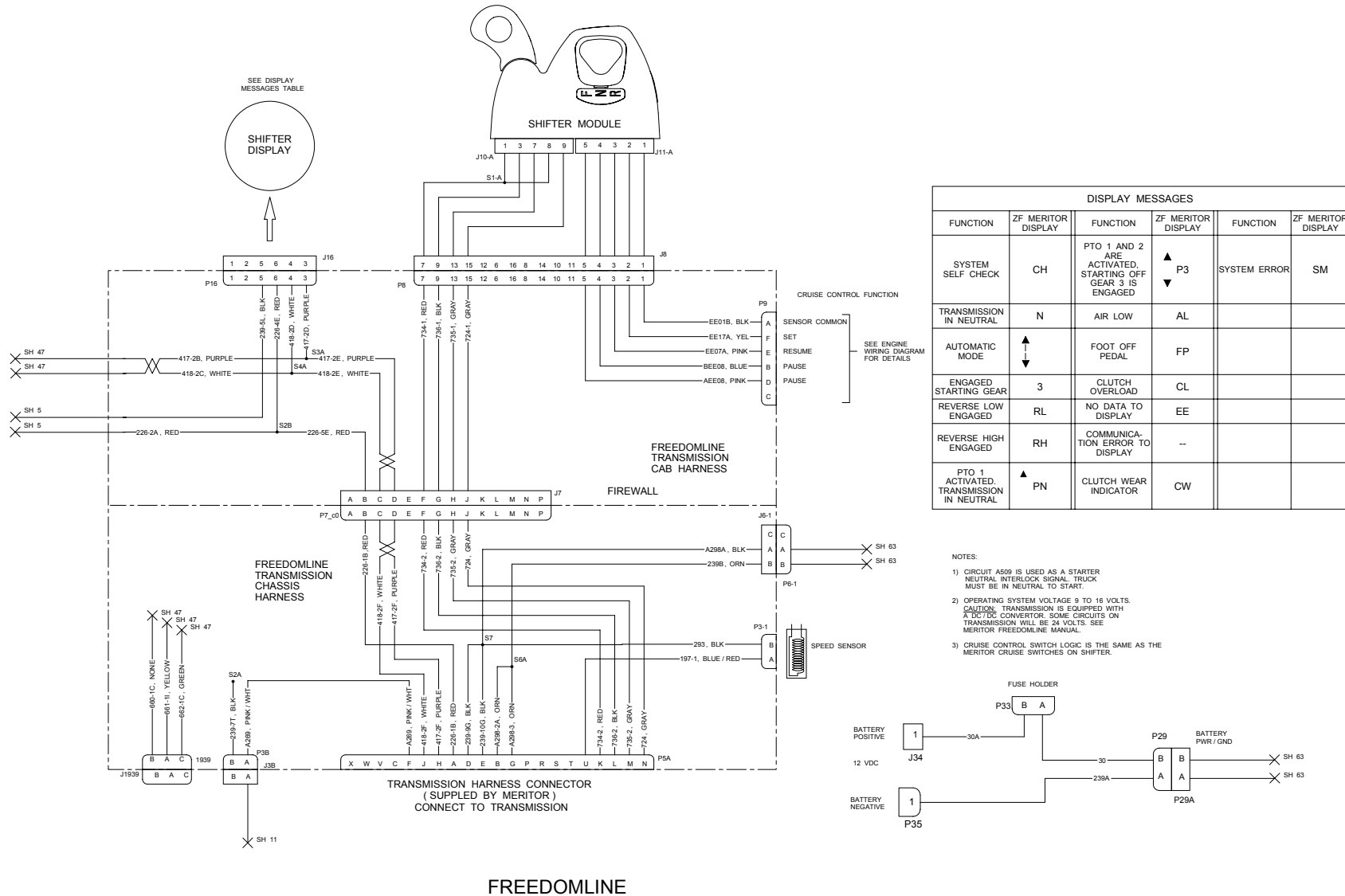
SLEEPER SPARES LOAD CENTER DECAL

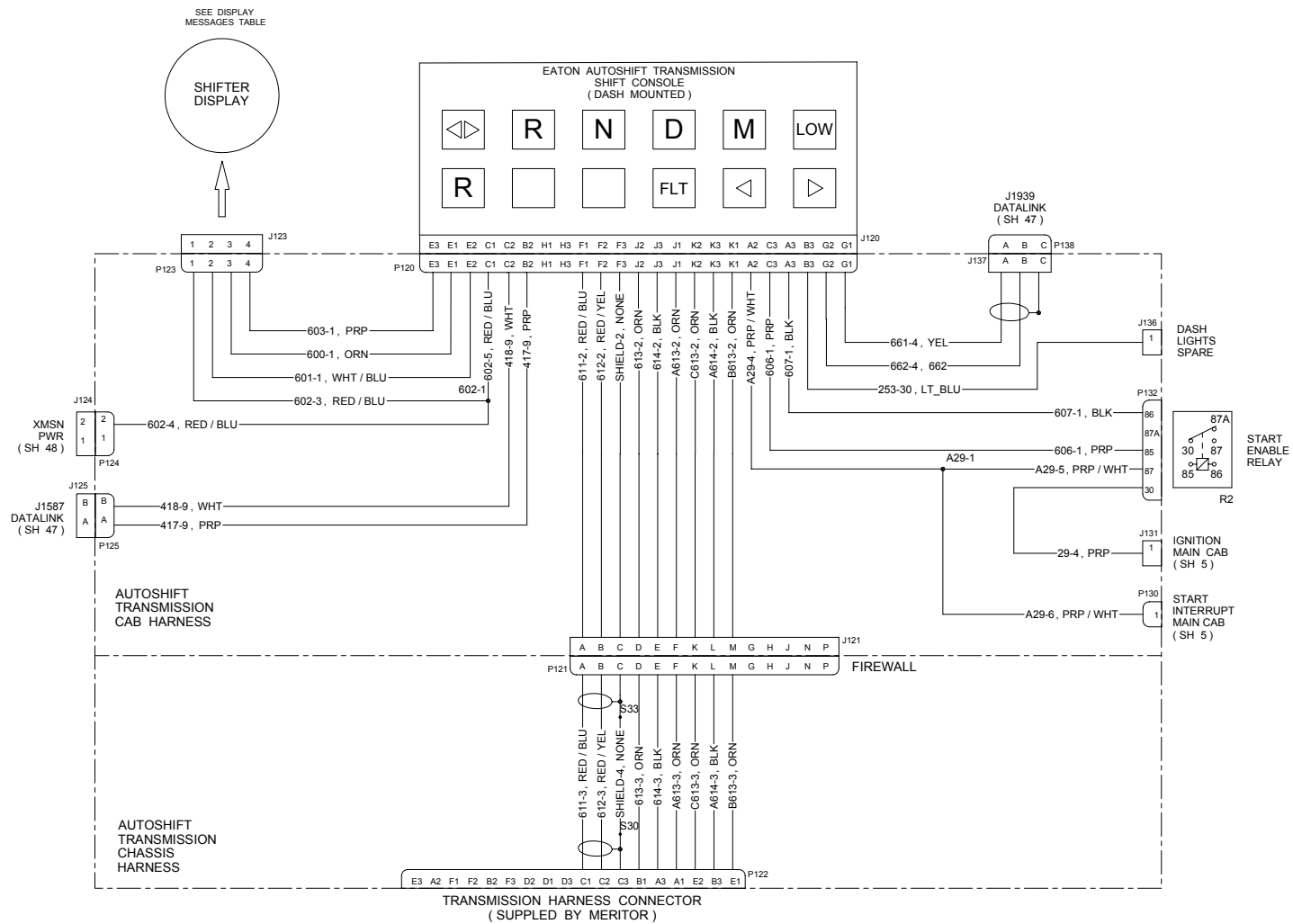


CAB SPARES LOAD CENTER DECAL

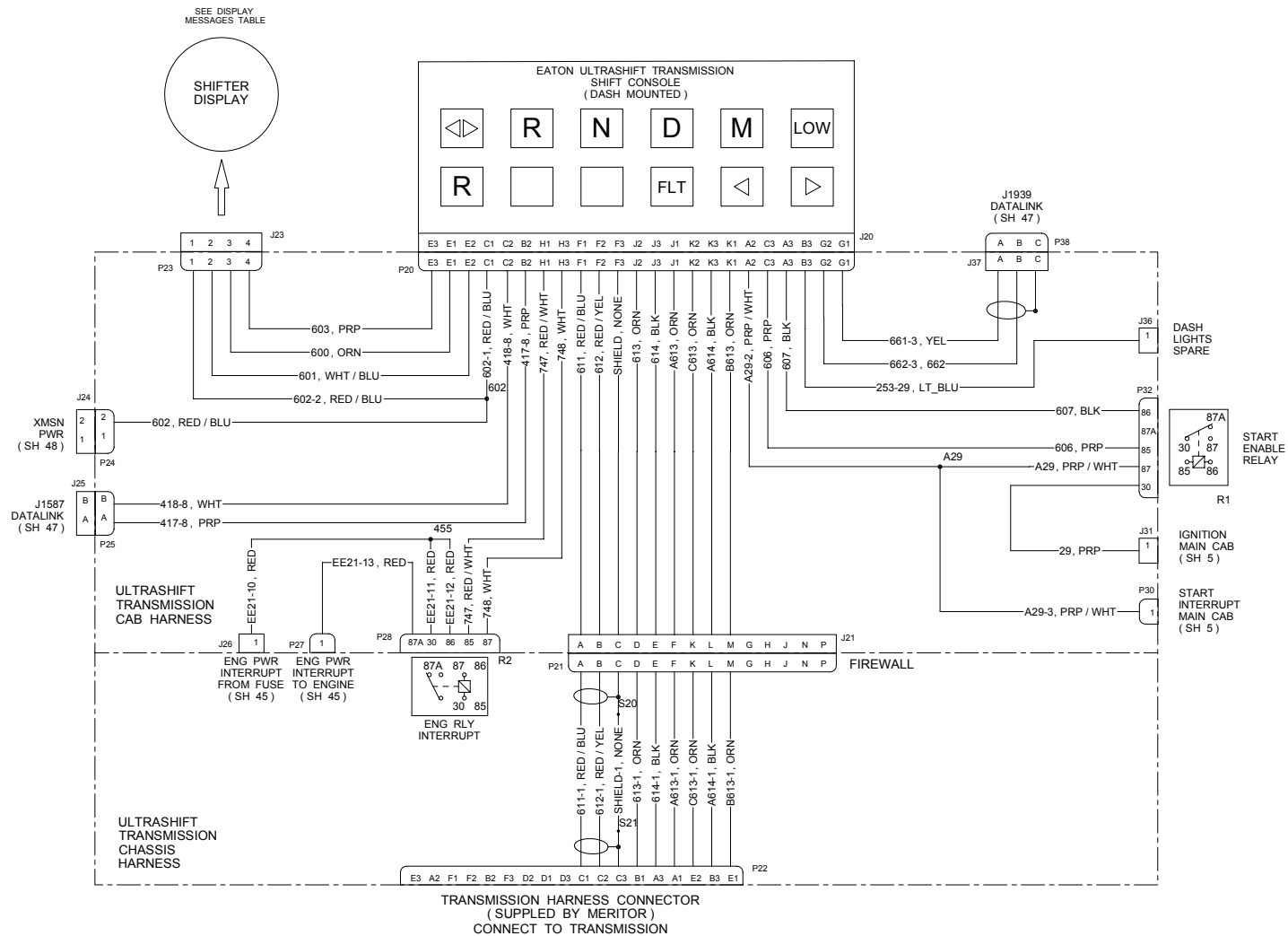
"SPARE SHEET NOT USED"



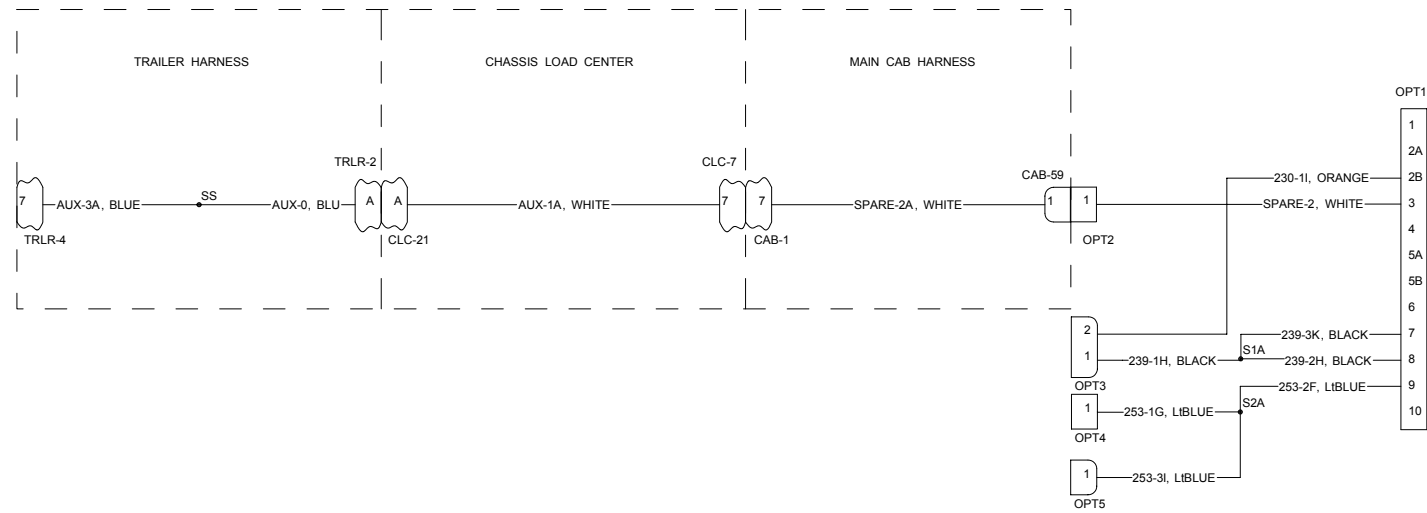




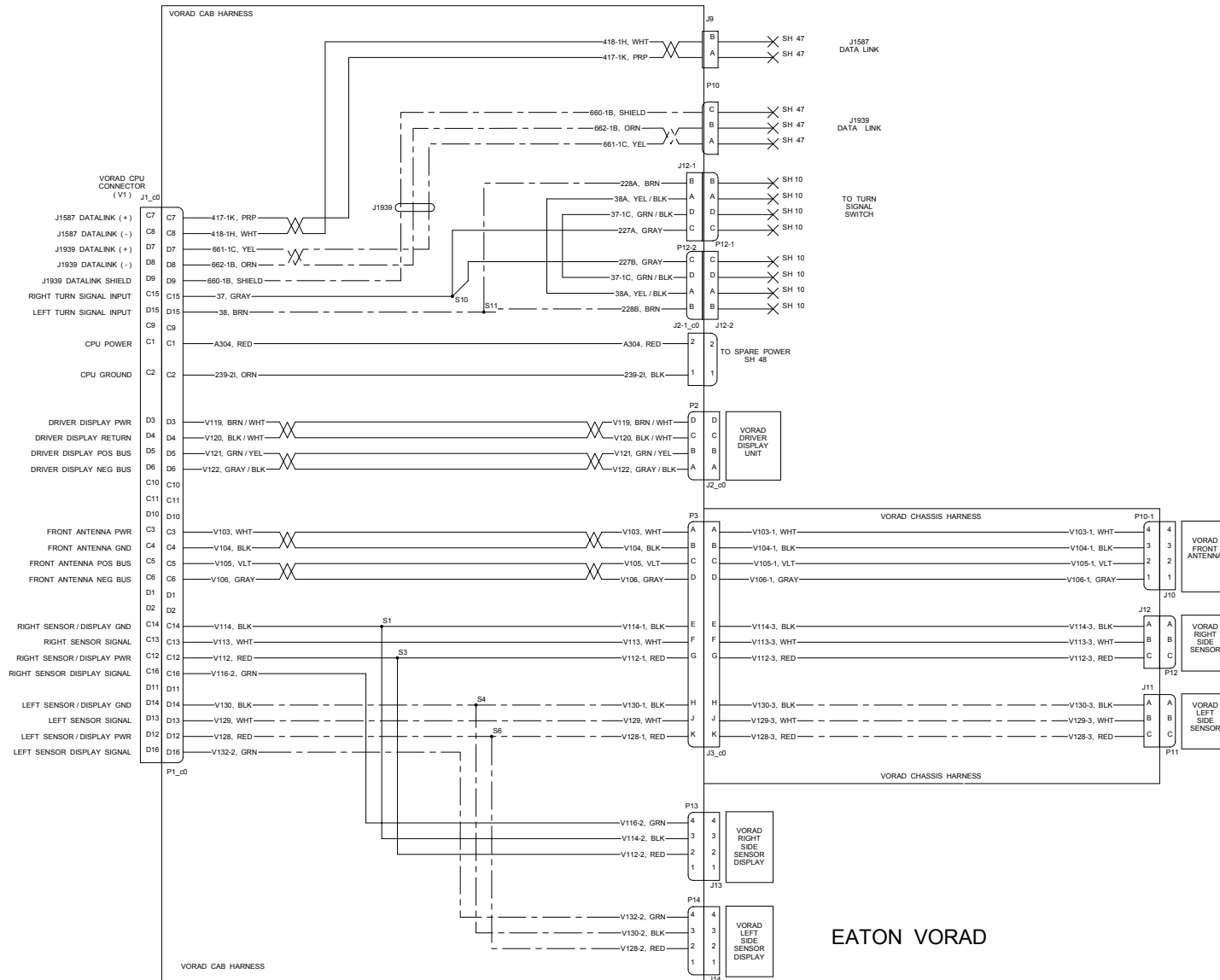
EATON AUTOSHIFT TRANSMISSION



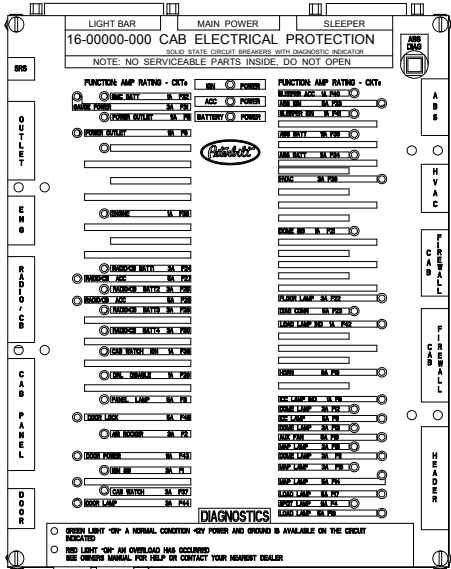
EATON ULTRASHIFT TRANSMISSION



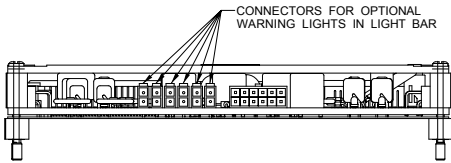
SWITCHED 7th WIRE HOT



EATON VORAD

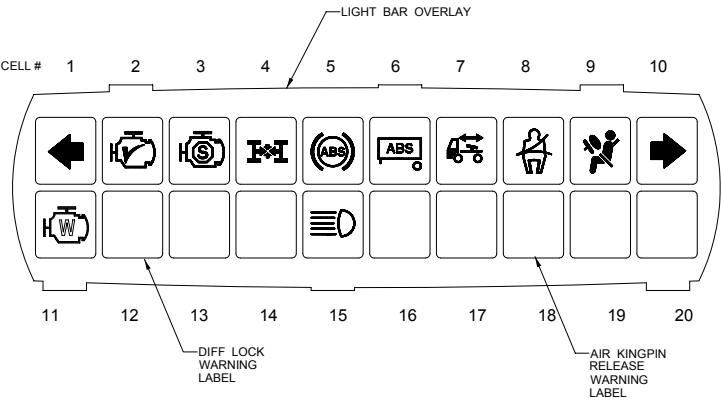


CAB LOAD CENTER



NOTE:

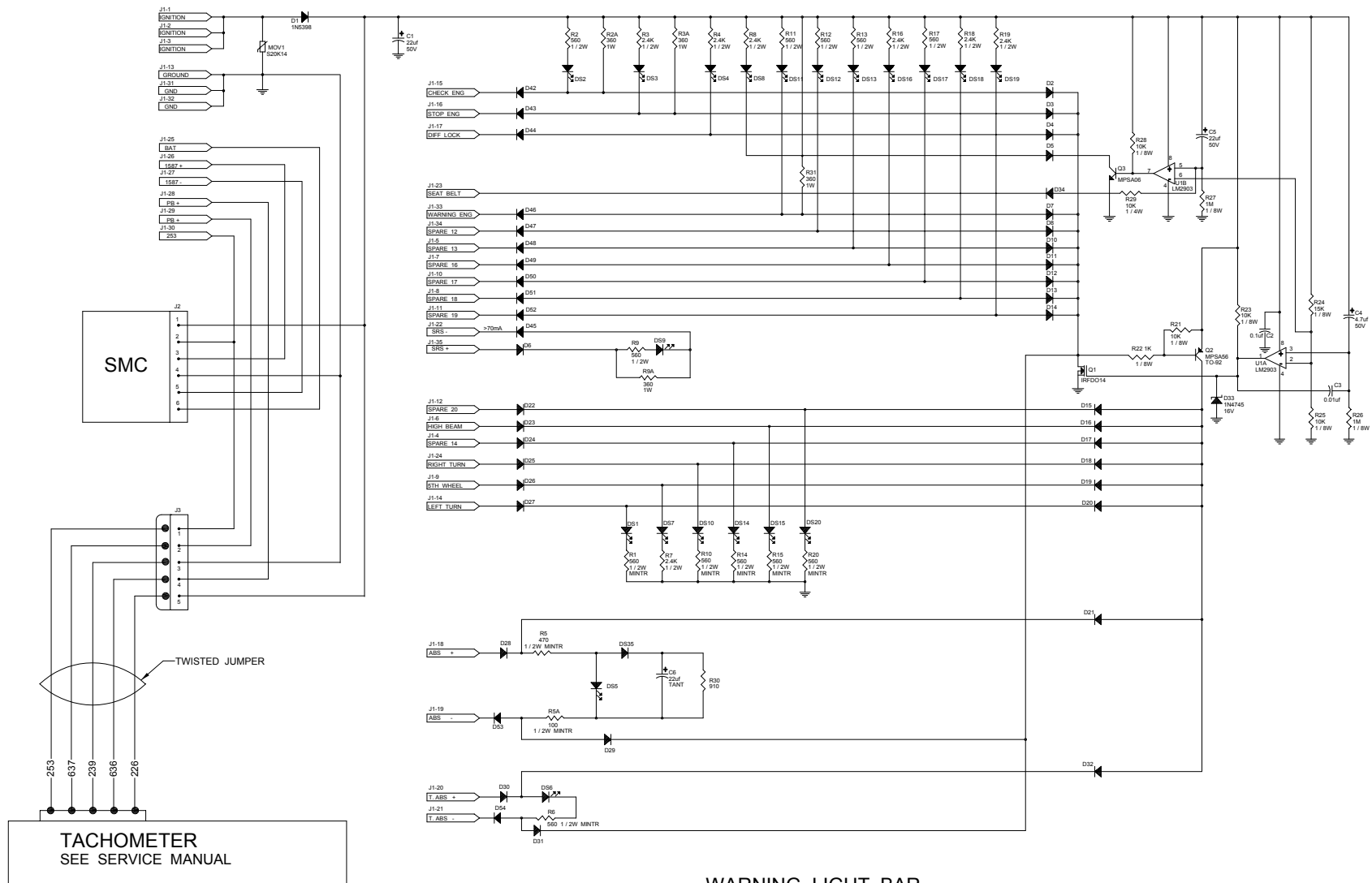
- 1) SPL1 IS ALWAYS USED FOR TRAILER ABS WARNING LIGHT. (CELL 6)
SYMBOL IS PART OF STANDARD LIGHT BAR-NO ADDED LABEL IS REQUIRED.
- 2) NOT CONNECTED



APPLY APPLICABLE WARNING LABELS TO BACK OF OVERLAY AS SHOWN

CAB LOAD CENTER CONNECTOR	LIGHT BAR CELL	WARNING LIGHT COLOR	WARNING LABEL	PWR / GND TO LIGHT
SPL1	6	AMBER	(SEE NOTE 1)	GND
SPL2	12	AMBER	DIFF LOCK	GND
SPL3	13	AMBER		GND
-	14	GREEN	(SEE NOTE 2)	PWR
SPL4	16	RED		GND
SPL5	17	GREEN		GND
SPL6	18	RED	AIR KINGPIN RELEASE	GND
-	19	RED	(SEE NOTE 2)	GND
-	20	AMBER	(SEE NOTE 2)	PWR

WARNING LIGHTS



WARNING LIGHT BAR

