

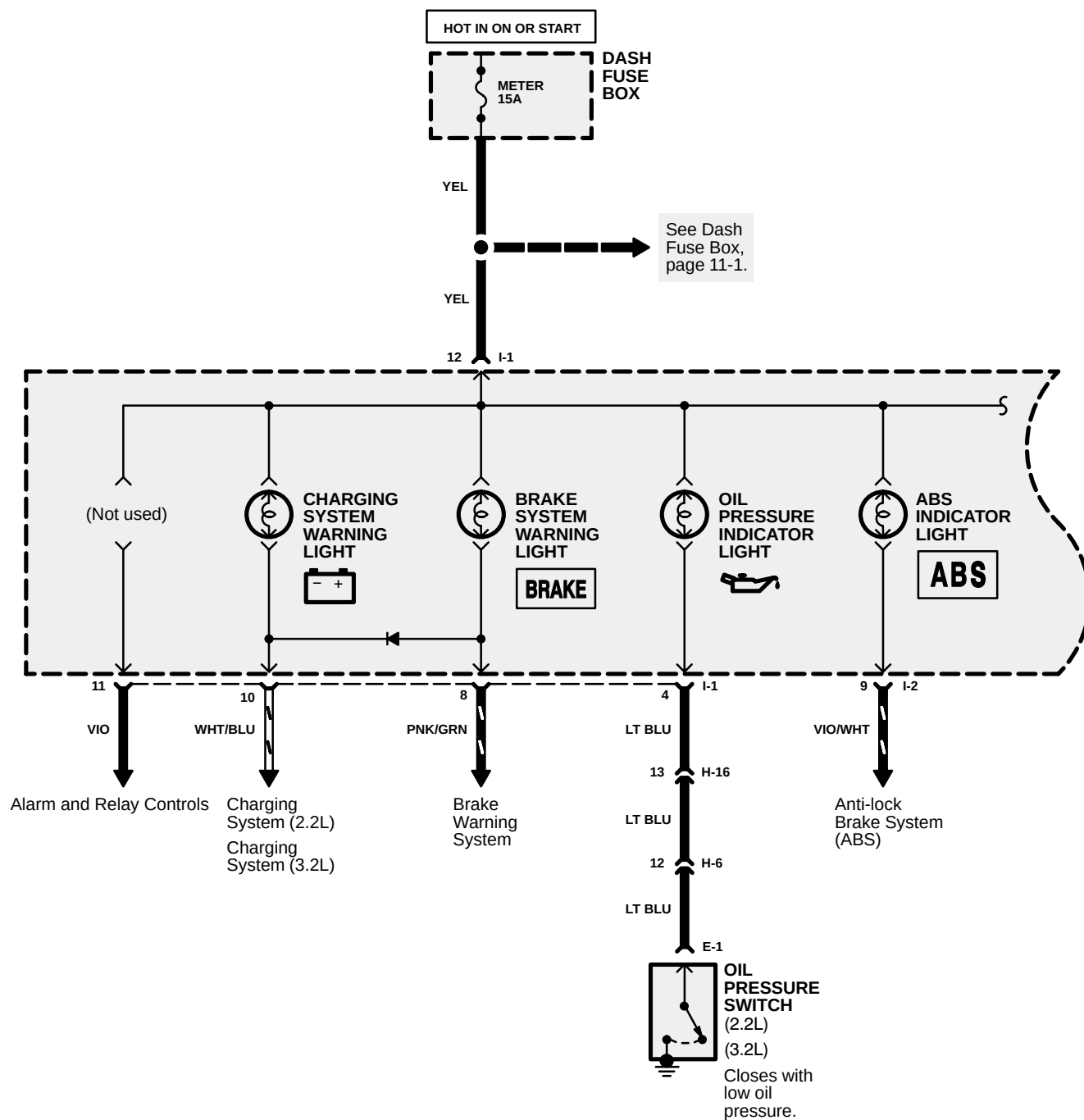
INDICATORS

Component Index

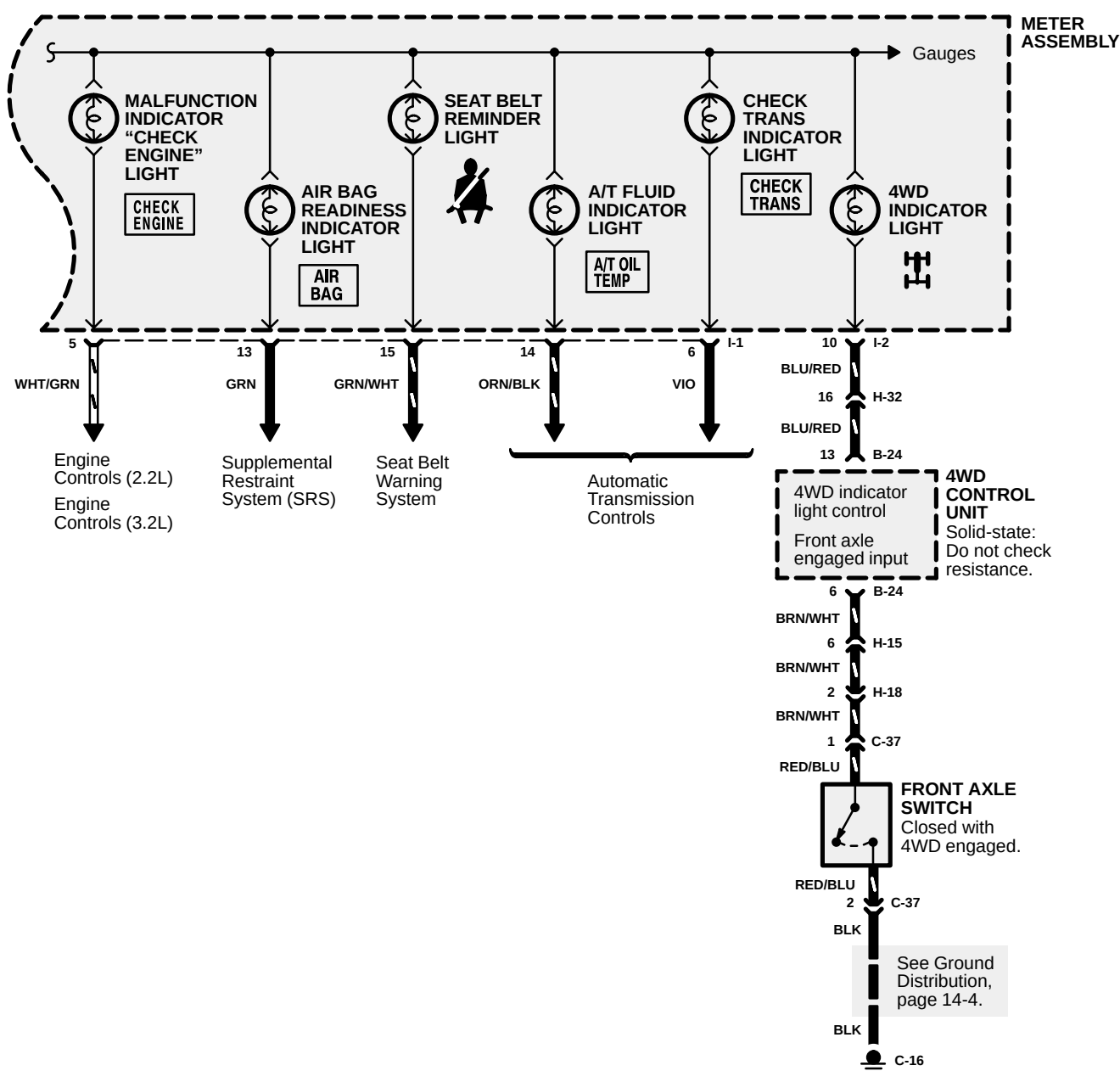
- [4WD Control Unit](#)
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INDICATORS

Circuit Schematic

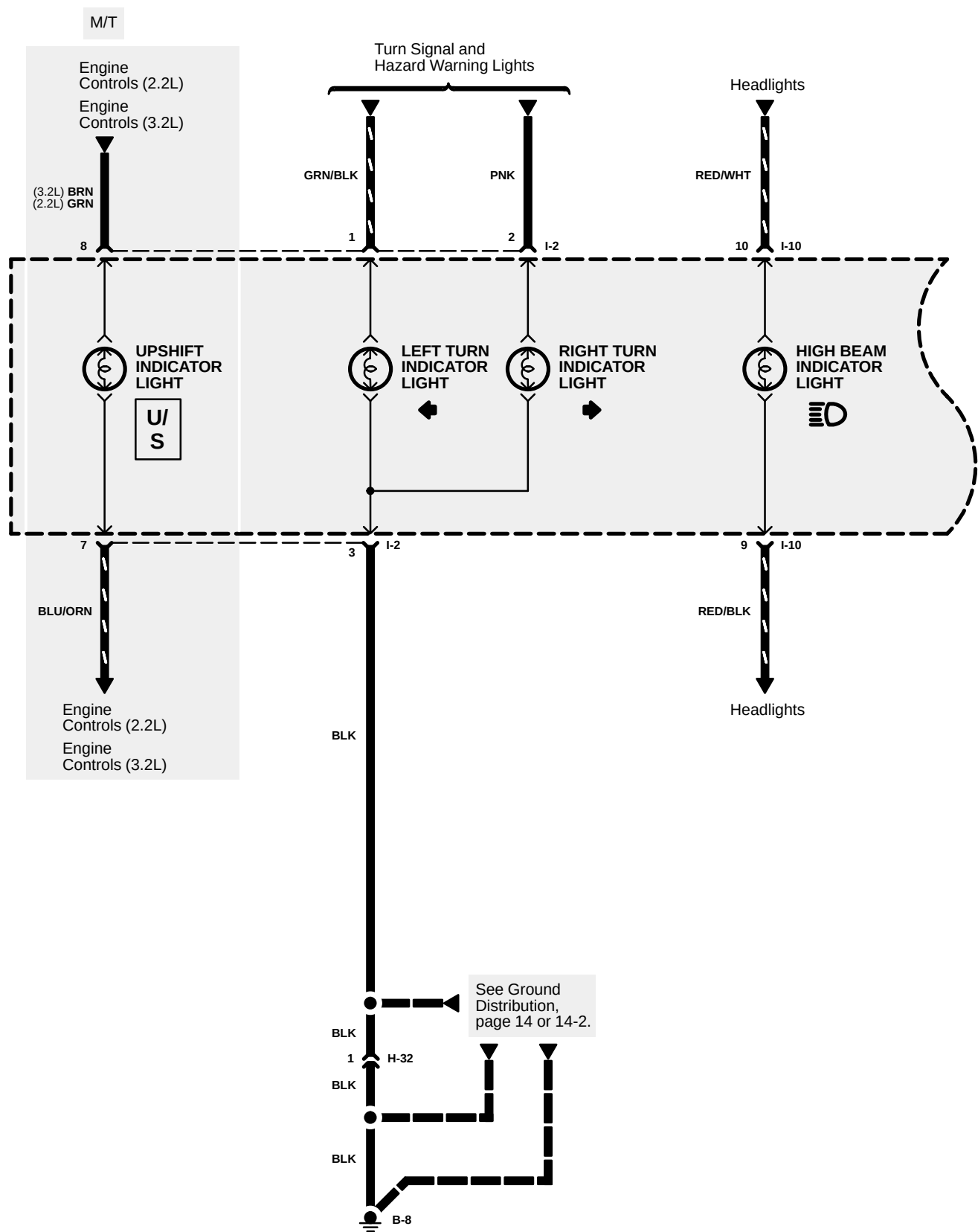


Circuit Schematic



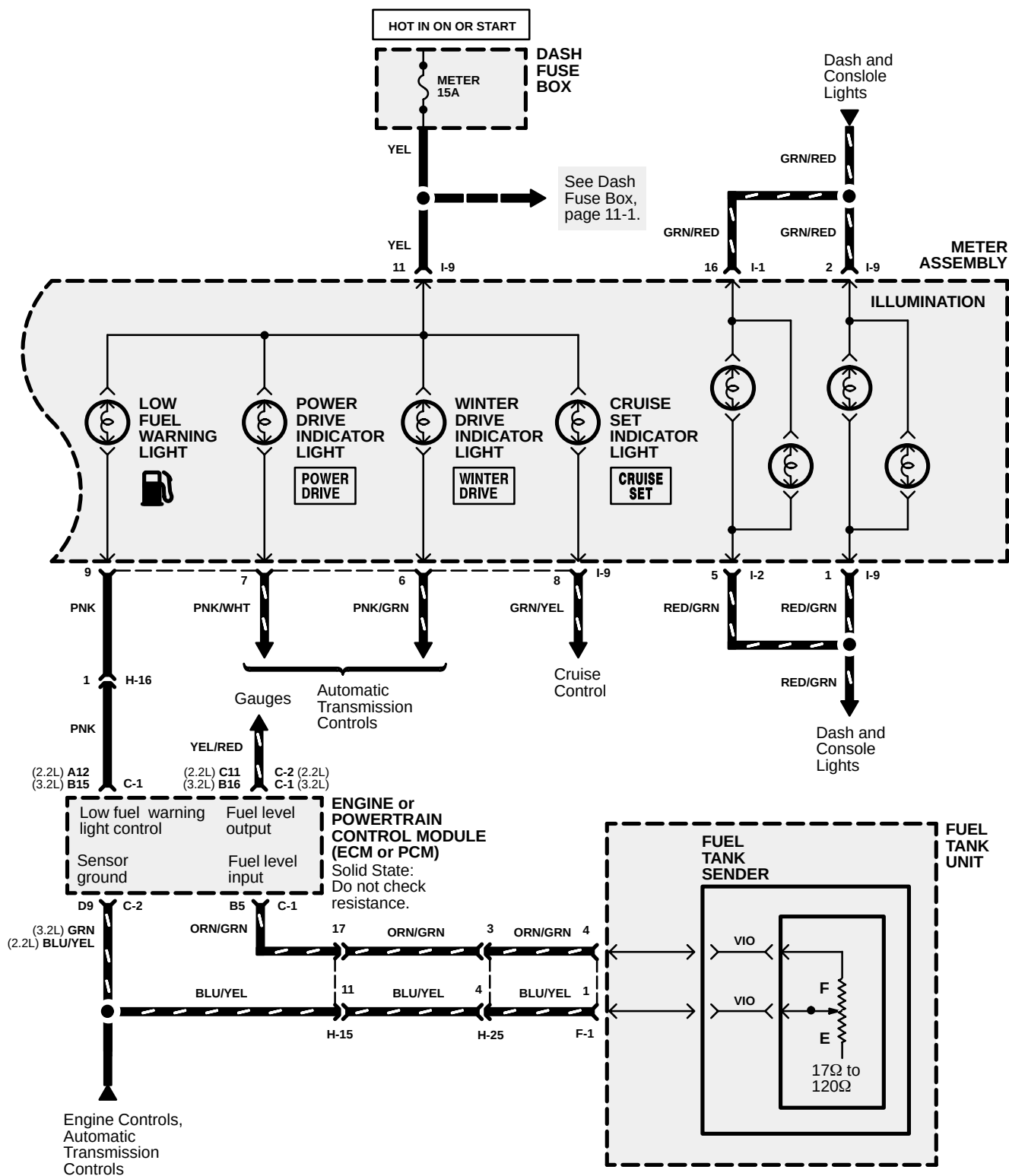
INDICATORS

Circuit Schematic



INDICATORS

Circuit Schematic



INDICATORS

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
4WD Control Unit	Below center console 81
Dash Fuse Box	Left side of I/P, behind panel 58
ECM/PCM Main Relay	Right side of engine compartment, in fuse/relay box 21
Engine or Powertrain Control Module (ECM or PCM)	Below center of I/P 73
Front Axle Switch	Left side of front axle 122
Fuel Tank Unit	Beneath vehicle, in top of fuel tank
Oil Pressure Switch (2.2L)	Lower right front of engine, behind oil filter 38
Oil Pressure Switch (3.2L)	Lower center front of engine, near oil filter 45
Connector	
F-1 (4-BLK)	Under vehicle, on top of gas tank
H-6 (16-BLU)	Left side of engine compartment, below brake fluid reservoir 11
H-15 (20-BLU)	Behind left kick panel 63
H-16 (22-BLK)	Behind left kick panel 62
H-18 (2-GRY)	Left rear corner of engine compartment 13
H-25 (20-WHT)	Under driver's seat, below carpet 86
H-32 (20-WHT)	Behind left kick panel 62
I-1 (16-WHT)	Behind left side of I/P, on rear of meter assembly 70
I-2 (14-BLK)	Behind left side of I/P, on rear of meter assembly 70
I-9 (12-BLK)	Behind left side of I/P, on rear of meter assembly 70
I-10 (10-WHT)	Behind left side of I/P, on rear of meter assembly 70
Ground	
B-8	Below center console 81
C-16	Left rear corner of engine compartment, on inner fender panel 14

Circuit Operation

The indicator lights are controlled by different conditions set forth in their associated systems. See the associated system for the indicator light circuit description.

Low Fuel Warning Light

The engine (M/T) or powertrain (A/T) control module (ECM or PCM) monitors the fuel level by the resistance level in the fuel tank unit. The fuel tank unit resistance varies from approximately 80 ohms with the tank full, to 290 ohms with the tank empty. The ECM or PCM then uses this information to provide ground to the low fuel warning light, illuminating it when the fuel level is low.

Bulb Check

With the starter switch in ON or START, battery voltage is applied through the METER fuse to the indicator lights. The generator will provide ground to the circuit until the engine is running. The lights go on to test the light bulbs and then go off after the engine is started.