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FUEL LEVEL INDICATION SYSTEM

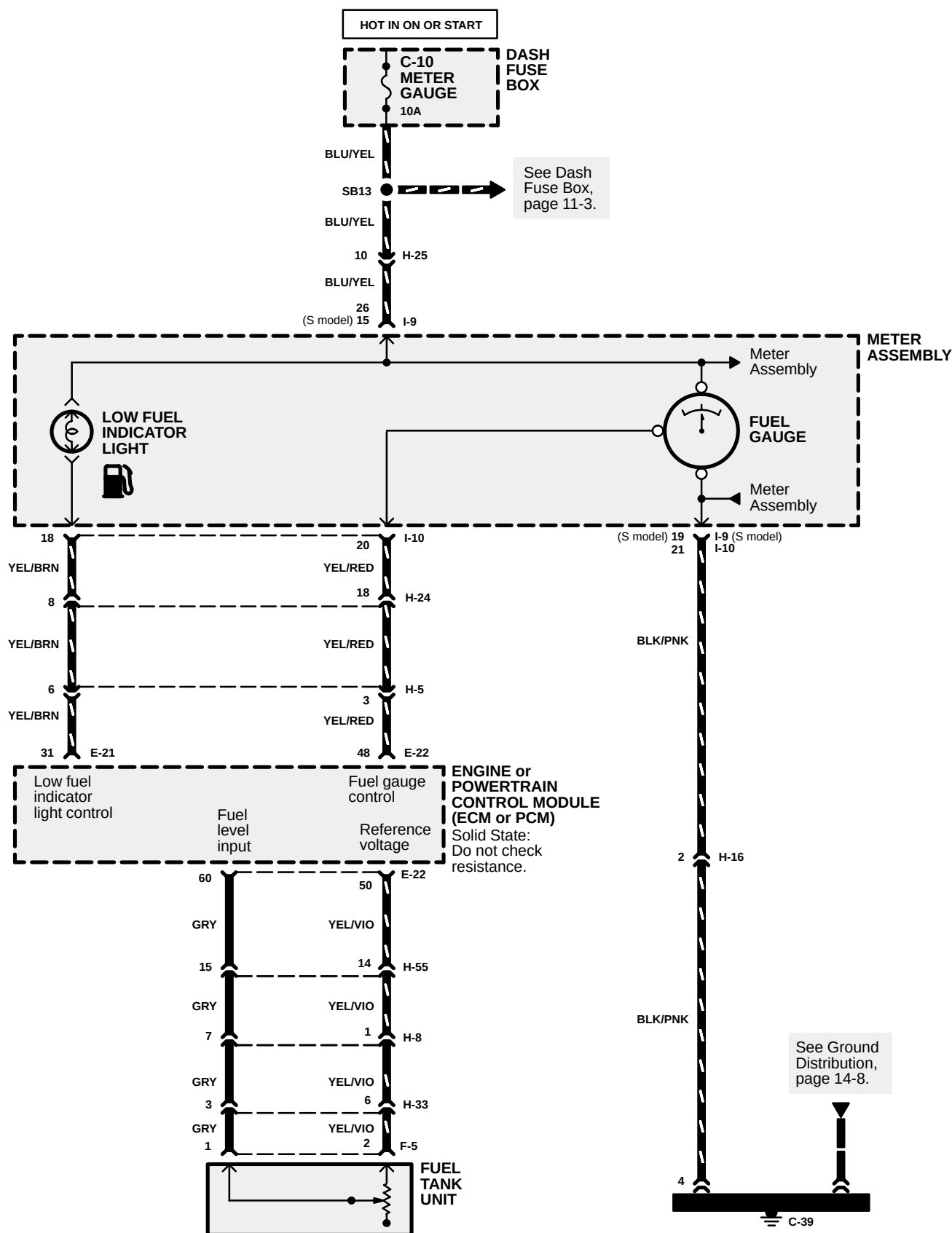
Component Index

- Dash Fuse Box
- Engine or Powertrain Control
 - Module (ECM or PCM)
- Fuel Tank Unit

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FUEL LEVEL INDICATION SYSTEM

Circuit Schematic



FUEL LEVEL INDICATION SYSTEM

Component Location Index

(Refer to Section 201 for photographs.)

Component		Photo No.
Dash Fuse Box	Behind left dash side trim panel	55
Engine or Powertrain Control Module (ECM or PCM)	Right rear of engine compartment	60
Fuel Tank Unit	Beneath rear of vehicle, in right front of fuel tank	124
Connector		
H-5 (16-GRN)	Left side of engine compartment	33
H-8 (16-WHT)	Below I/P, above left dash side trim panel, on bracket	70
H-16 (22-WHT)	Behind right dash side trim panel	120
H-24 (18-YEL)	Below I/P, above left dash side trim panel, on bracket	70
H-33 (20-WHT)	In floor, below right front seat	110
H-55 (16-BLK)	Right side of engine compartment	59
I-9 (30-GRN)	On left top of meter assembly	53
I-10 (22-GRN)	On right top of meter assembly	53
Ground		
C-39	Right rear corner of engine compartment, on inner fender panel	45

Circuit Operation

Fuel Gauge

The fuel gauge consists of two intersecting coils wound around a permanent magnet rotor. When voltage from fuse C-10 is applied to the coils, a magnetic field is generated. This causes the rotor to rotate and the gauge needle to move. The magnetic field is controlled by the engine or powertrain control module (ECM or PCM), which receives input from the fuel tank unit, at E-22 pin 60.

Low Fuel Warning Light

When there is not an adequate amount of the fuel in the fuel tank, the ECM or PCM will provide ground at E-21 pin 31 and the light will illuminate. The ECM or PCM determines when the fuel is low based on input received from the fuel tank unit, at E-22 pin 60.