

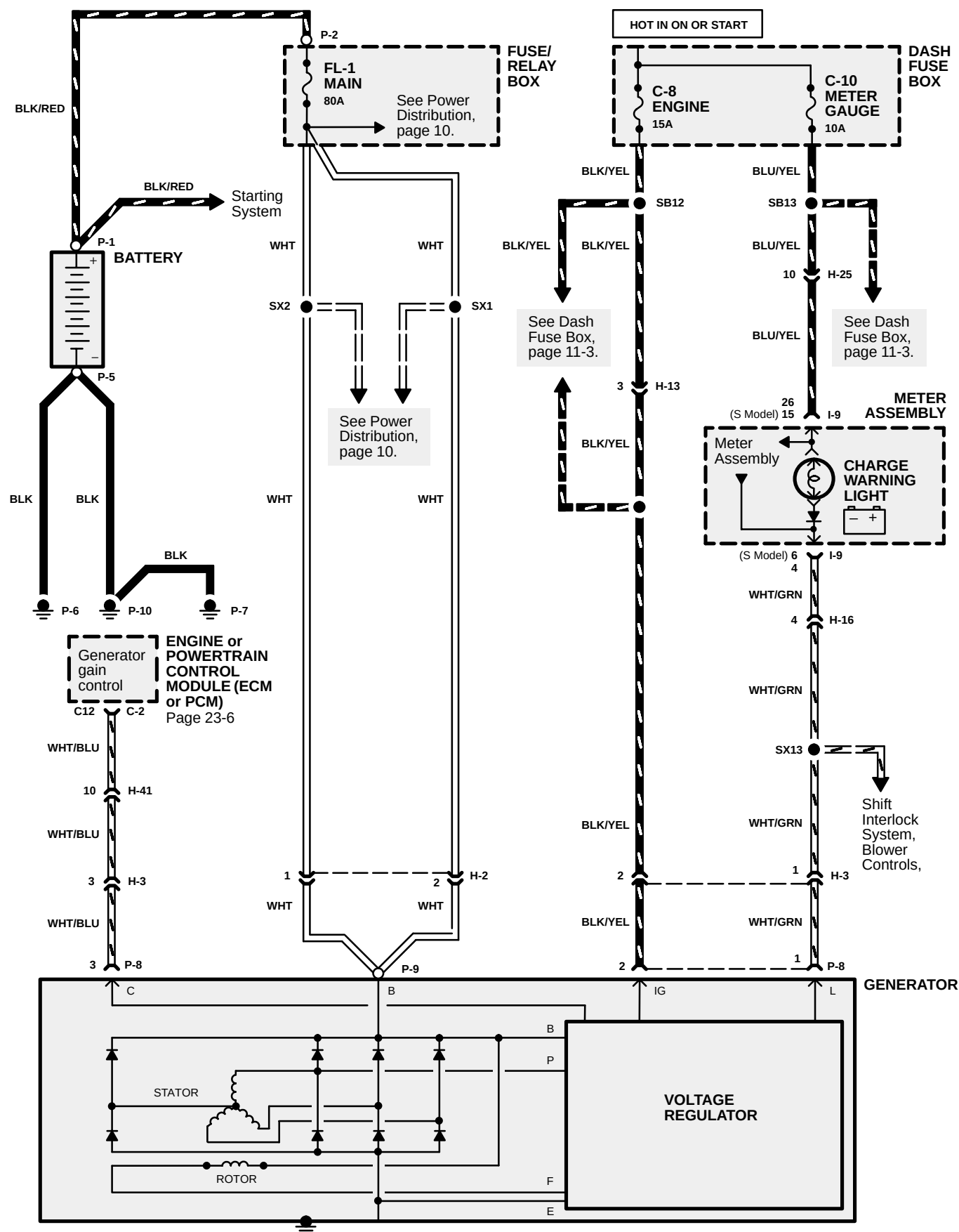
CHARGING SYSTEM

Component Index

- [Dash Fuse Box](#)
- [Engine or Powertrain Control](#)
 - [Module \(ECM or PCM\)](#)
- [Fuse/Relay Box](#)
- [Generator](#)

CHARGING SYSTEM

Circuit Schematic



CHARGING SYSTEM

Component Location Index

(Refer to Section 201 for photographs.)

<u>Component</u>	<u>Photo No.</u>
Dash Fuse Box	Behind left dash side trim panel 55
Engine or Powertrain Control Module (ECM or PCM)	Behind front console 63
Fuse/Relay Box	Right side of engine compartment, on inner fender panel 41
Generator	Lower right front of engine 5

Connector

H-2 (2-GRY)	Right side of engine compartment 40
H-3 (3-BLK)	Right side of engine compartment 40
H-13 (6-GRY)	Below I/P, above right dash side trim panel, on bracket 100
H-16 (22-WHT)	Behind right dash side trim panel 120
H-25 (22-BLU)	Below I/P, above left dash side trim panel, on bracket 71
H-41 (16-BLU)	Right front of engine compartment 31
I-9 (30-GRN)	On left top of meter assembly 53

Ground

P-6	Right side of engine compartment, on rear of battery tray 40
P-7	Lower right front of engine compartment 5
P-10	Lower right side of engine, near power steering pump

Terminal

P-2	In fuse/relay box 36
-----------	----------------------------

Circuit Operation

The generator generates an AC voltage in its windings as it is belt-driven by the engine. The rectifier converts this AC voltage to DC.

The voltage regulator, a component which is included in the generator frame, has a primary function of controlling the generator's output to meet electrical system requirements. This regulator controls the charge warning light.

Fuse C-10 supplies battery voltage to the charge warning light. With the engine not running and the starter switch in ON, terminal L of the regulator is grounded internally, providing ground for the charge warning light, and the indicator lights up. With the engine running and the generator charging, terminal L voltage rises and the indicator goes out. If the generator fails to charge, terminal L grounds internally, which then provides ground for the charge warning light, and the indicator lights up.