

ChargingSystem

Troubleshooting

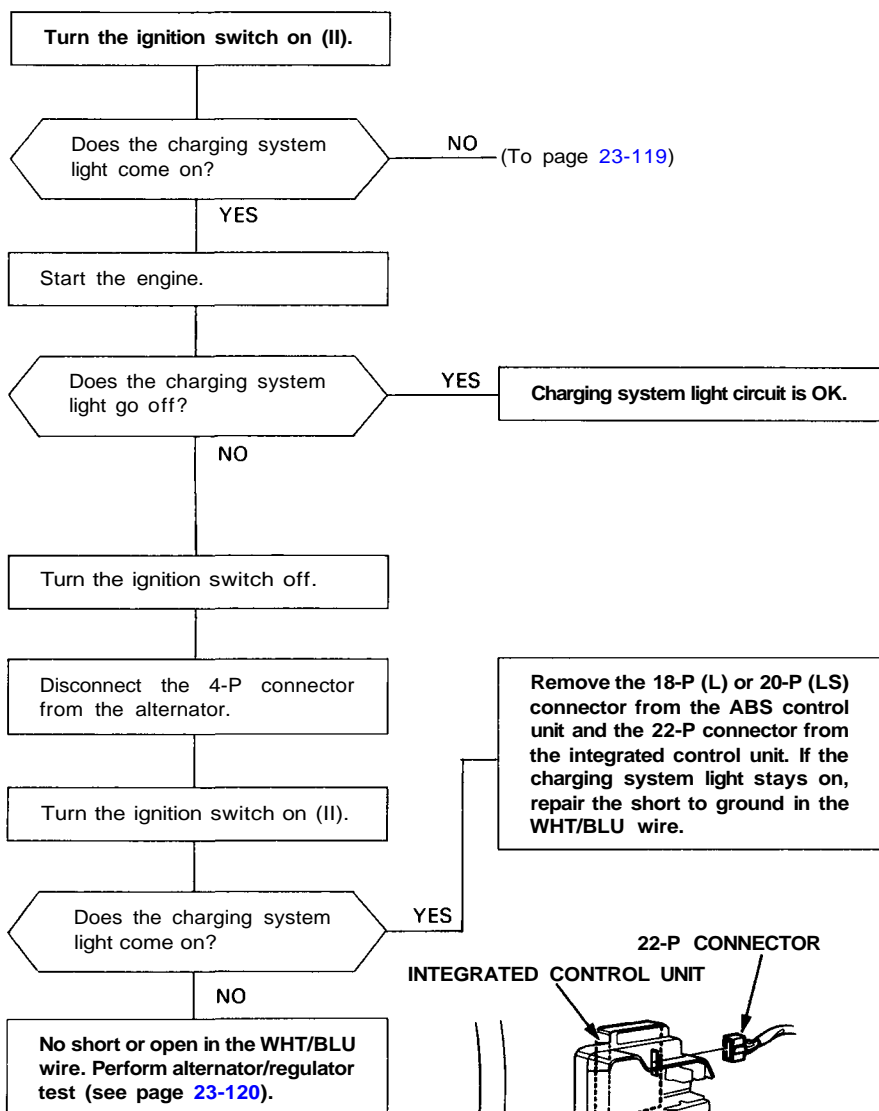
Before troubleshooting check

- tightness of the alternator belt (see page 23-126).
- that the malfunction indicator lamp (MIL) of the ECM (M/T) or PCM (A/T) does not blink. If it blinks (20 times), refer to section 11.

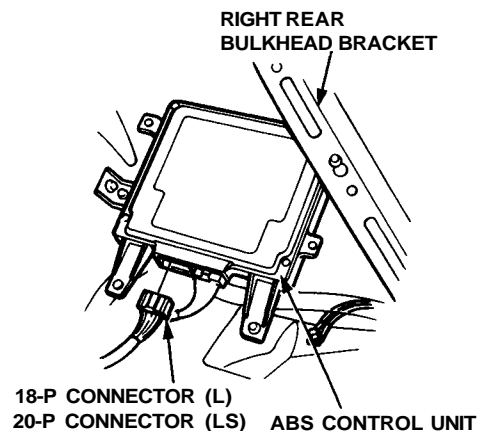
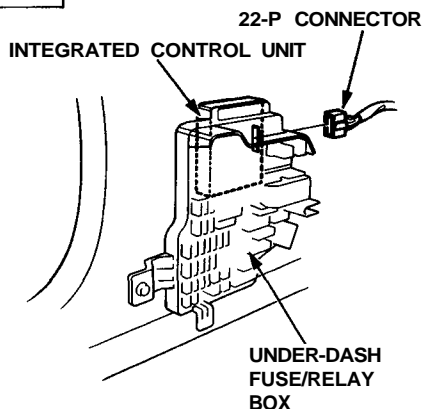
If the charging system light is on, or the battery is dead or low, perform the following tests in the order listed below:

1. Battery Test (see page 23-74)
2. Charging System Light Test
3. Alternator/Regulator Test

Charging System Light Test



NOTE: After this test or related repairs, reconnect the control unit connectors, then reset the ECM (M/T) or PCM (A/T) to clear any codes.





(From page 23-118)

Turn the ignition switch off.

Check fuse No. 22 (20 A) in the under-dash fuse/relay box.

Is the fuse OK?

NO

Replace the fuse.

YES

Disconnect the 4-P connector from the alternator.

Turn the ignition switch on (II).

Check for voltage between the IG terminal (BLK/YEL wire) of the 4-P connector and body ground.

Is there battery voltage?

NO

Repair open in the BLK/YEL wire.

YES

Ground the WHT/BLU wire at the L terminal of the 4-P connector.

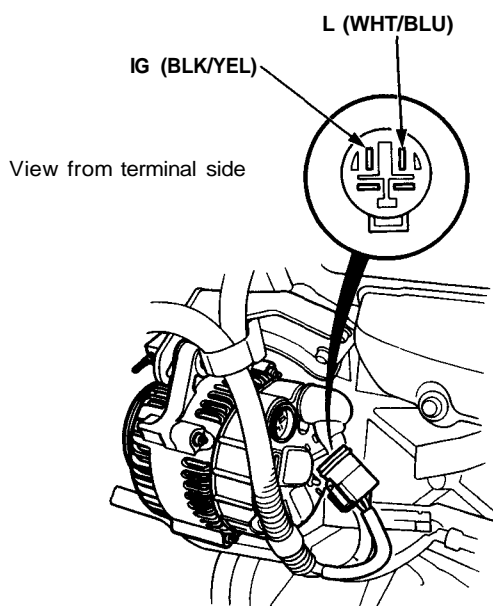
Does the charging system light come on?

NO

Check for a blown charging system light bulb. If the bulb is OK, repair open in the WHT/BLU wire.

YES

Replace the voltage regulator.



(cont'd)