

Connect the ohmmeter to the engine stop relay connector terminals.

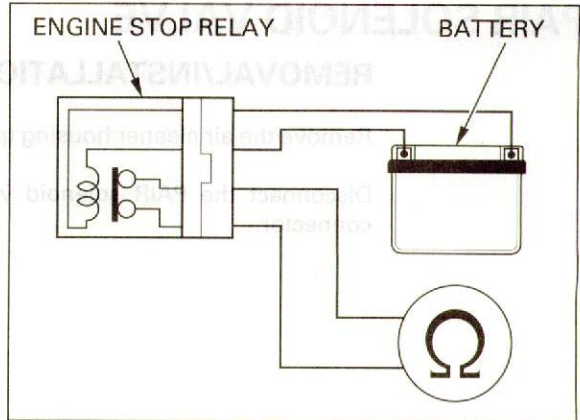
CONNECTION: Black/Pink – Brown

Connect the 12V battery to the following engine stop relay connector terminals.

CONNECTION: Red/Orange – Black

There should be continuity only when the 12V battery is connected.

If there is no continuity when the 12V battery is connected, replace the engine stop relay.



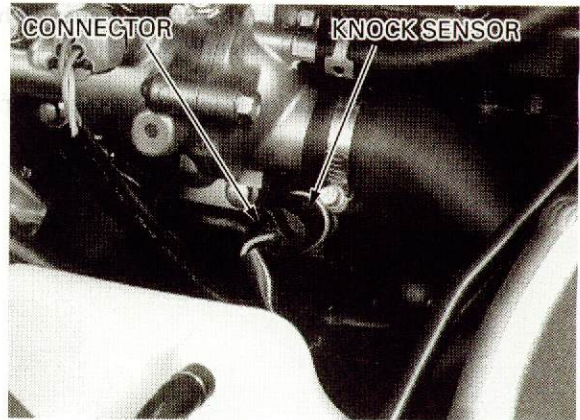
KNOCK SENSOR

REMOVAL/INSTALLATION

Disconnect the knock sensor connector.
Remove the knock sensor.

Installation is in the reverse order of removal.

TORQUE: 31 N·m (3.2 kgf·m, 23 lbf·ft)



ECM (ENGINE CONTROL MODULE)

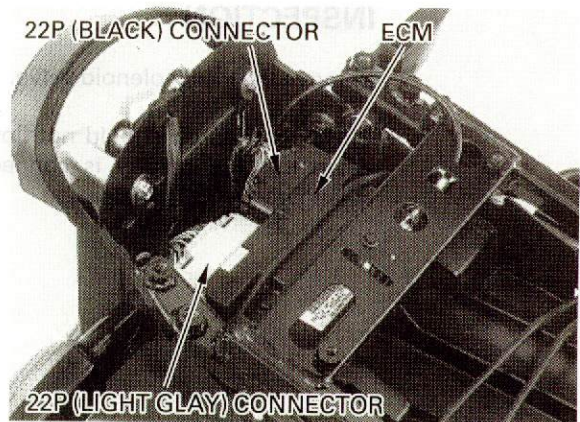
SYSTEM INSPECTION

Disconnect the ECM 22P (Black) and 22P (Light gray) connectors.

Connect the test harness between the main wire harness and ECM (page 5-7).
Connect the test pin box (page 5-7).

TOOLS:

ECU test harness 07WMZ-MBG0100
Test pin box 07WGZ-0010100



Check the following items at the test pin box terminals.

TERMINAL	STANDARD
No. 32 (+) – No. 11 (–)	Battery voltage
No. 10 (+) – Ground (–)	Continuity
No. 11 (+) – Ground (–)	Continuity
No. 21 (+) – Ground (–)	Continuity

If the items are out of specification, check for the following:

- Open or short circuit in wire harness
- Loose or poor contacts connector

