

## 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:

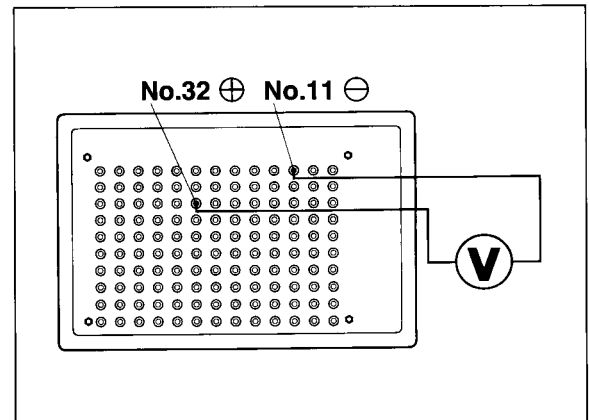
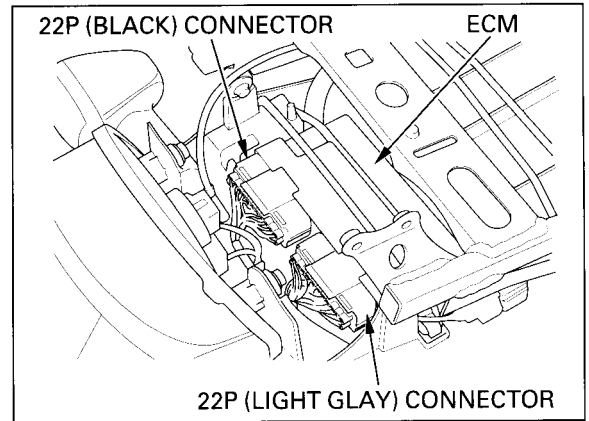
**ECU test harness** 07WMZ-MBG0100  
**Test pin box** 07WGZ-0010100

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
No. 22 (+) – 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



## PAIR SOLENOID VALVE

### REMOVAL/INSTALLATION

Remove the following:

- Lower cowl (page 2-3)
- Air cleaner housing cover (page 3-5)

Disconnect the PAIR solenoid valve 2P (Natural) connector.

Disconnect the PAIR air suction hoses and remove the PAIR solenoid valve.

Installation is in the reverse order of removal.

