

**TP SENSOR**

**INSPECTION**

Remove the seat (page 2-2).

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

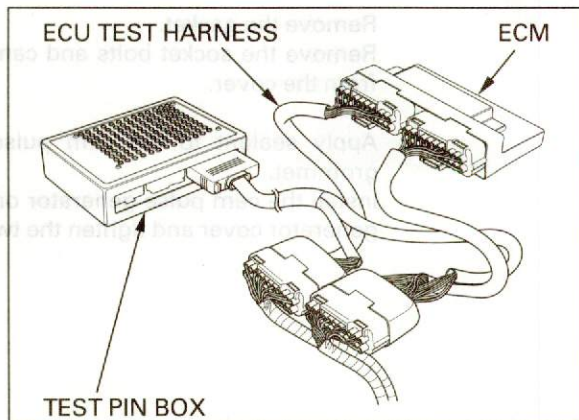
Check the connector for loose or corroded terminals.

Connect the ECU test harness and test pin box between the ECM and main wire harness.

**TOOLS:**

**ECU test harness** 07WMZ-MBG0100

**Test pin box** 07WGZ-0010100



**1. INPUT VOLTAGE INSPECTION**

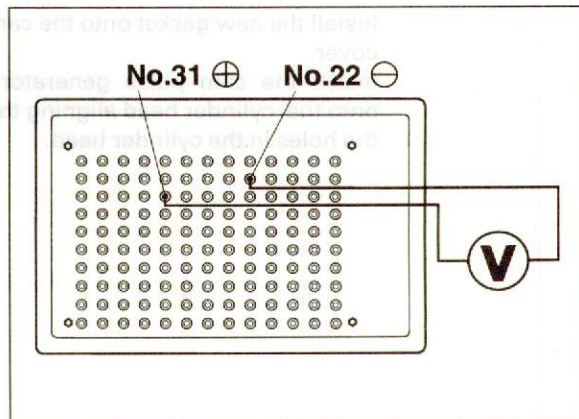
Turn the ignition switch ON and measure and record the input voltage at the test pin box terminals using a digital multimeter.

**CONNECTION:** No. 31 (+)–No. 22 (–)

**Standard:** 4.5–5.5 V

If the measurement is out of specification, check the following:

- Loose connection of the ECM multi-connector
- Open circuit in wire harness

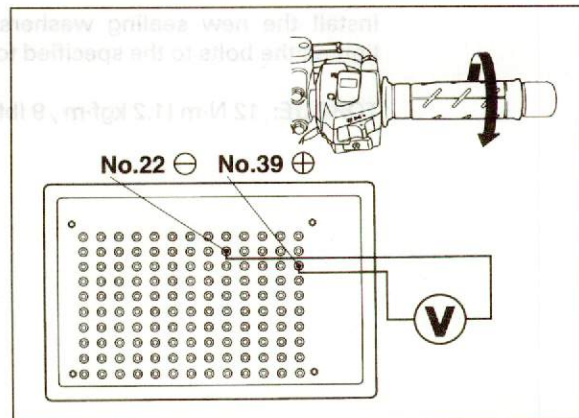


**2. OUTPUT VOLTAGE INSPECTION WITH THROTTLE FULLY OPEN**

Turn the ignition switch ON and measure and record the output voltage at the test pin box terminals.

**CONNECTION:** No. 39 (+)–No. 22 (–)

**MEASURING CONDITION:** At throttle fully open



**3. OUTPUT VOLTAGE INSPECTION WITH THROTTLE FULLY CLOSED**

Turn the ignition switch ON and measure and record the output voltage with the throttle fully closed.

**CONNECTION:** No. 39 (+)–No. 22 (–)

**MEASURING CONDITION:** At throttle fully closed

