

## TP SENSOR

### INSPECTION

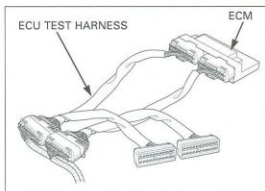
Remove the rear cowl (page 2-3).

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

Check the connector for loose or corroded terminals. Connect the ECU test harness between the ECM and main wire harness.

#### TOOL:

ECU test harness **07YMZ-0010100**  
(two required)



### 1. INPUT VOLTAGE INSPECTION

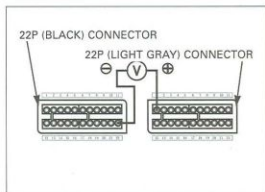
Turn the ignition switch ON and measure and record the input voltage at the test harness terminals using a digital multimeter.

#### CONNECTION:

B1 (+) – A22 (-)  
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

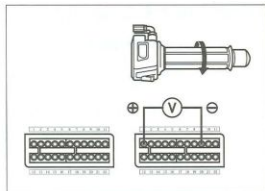
Turn the ignition switch ON and measure and record the output voltage at the test harness terminals.

#### CONNECTION:

B1 (+) – B9 (-)

#### 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:

B1 (+) – B9 (-)

#### MEASURING CONDITION:

At throttle fully closed

