

FUEL SYSTEM (Programmed Fuel Injection)

DTC 8-1 (TP SENSOR LOW VOLTAGE)

- Before starting the inspection, check for loose or poor contact on the TP sensor connector and recheck the DTC.

1. TP Sensor System Inspection

Turn the ignition switch ON and engine stop switch "Ⓞ".

Check the TP sensor with the HDS when the throttle fully closed.

Is about 0 V indicated?

- YES** – • Intermittent failure
• Loose or poor contact on the MAP sensor connector

NO – GO TO STEP 2.

2. TP Sensor Input Voltage Inspection

Turn the ignition switch OFF.
Disconnect the TP sensor 3P connector.

Turn the ignition switch ON and engine stop switch "Ⓞ".

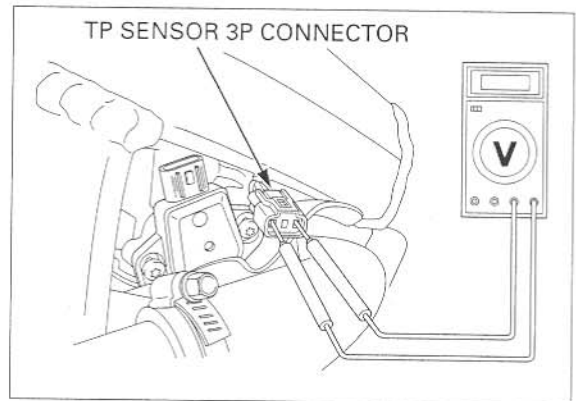
Measure the voltage at the wire harness side.

Connection: Yellow/red (+) – Green/orange (–)

Is the voltage within 4.75 – 5.25 V?

YES – GO TO STEP 4.

NO – GO TO STEP 3.



3. TP Sensor Circuit Inspection

Disconnect the ECM 32P connectors.
Check for continuity at the Yellow/red wire between the TP sensor 3P connector terminal and the ECM 32P (Light gray) connector.

Connection: B18 – Yellow/red

Is there continuity?

YES – Replace the ECM with a known good one, and recheck

NO – Open circuit in Yellow/red wire

