

FUEL SYSTEM (Programmed Fuel Injection)

4. TP Sensor Output Line Open Circuit Inspection

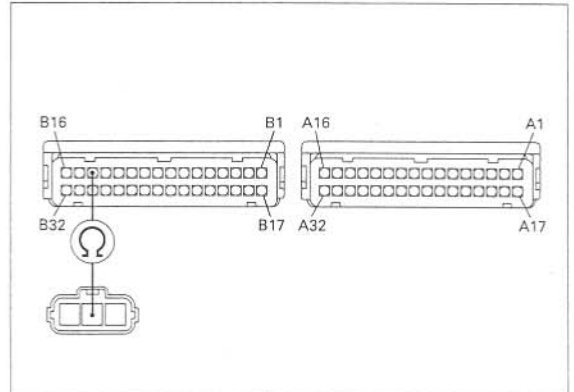
Check for continuity at the Red/yellow wire between the TP sensor 3P connector terminal and the ECM 32P (Light gray) connector.

Connection: B14 – Red/yellow

Is there continuity?

YES – GO TO STEP 5.

NO – Open circuit in Red/yellow wire



5. TP Sensor Output Line Short Circuit Inspection

Disconnect the TP sensor 3P connector.

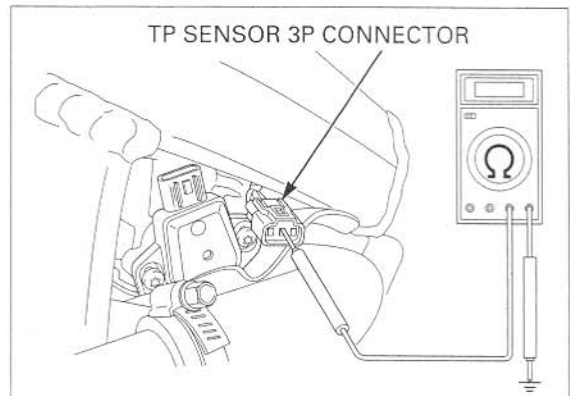
Check for continuity between the TP sensor 3P connector terminal of the wire harness side and ground.

Connection: Red/yellow – Ground

Is there continuity?

YES – Short circuit in Red/yellow wire

NO – GO TO STEP 6.



6. TP Sensor Inspection

Replace the TP sensor with a known good one.
Reset the ECM (page 6-9).
Turn the ignition switch ON and engine stop switch " Ω ".

Check the TP sensor with the HDS.

Is DTC 8-1 indicated?

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

NO – Faulty original TP sensor

DTC 8-2 (TP SENSOR HIGH VOLTAGE)

1. TP Sensor System Inspection

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

Check the TP sensor with the HDS.

Is about 5 V indicated?

YES – GO TO STEP 2.

NO –

- Intermittent failure
- Loose or poor contact on the TP sensor connector