

FUEL SYSTEM (Programmed Fuel Injection)

DTC 7-1 (ECT SENSOR LOW VOLTAGE)

1. ECT Sensor System Inspection

Turn the ignition switch ON and engine stop switch " \odot ".

Check the ECT sensor with the HDS.

Is about 0 V indicated?

YES – GO TO STEP 2.

NO – • Intermittent failure
• Loose or poor contact on the ECT sensor connector

2. ECT Sensor Inspection

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

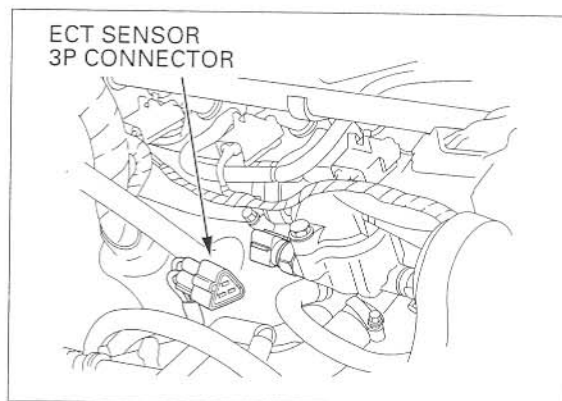
Turn the ignition switch ON and engine stop switch " \odot ".

Check the ECT sensor with the HDS.

Is about 0 V indicated?

YES – GO TO STEP 3.

NO – Faulty ECT sensor



3. ECT Sensor Output Line Short Circuit Inspection

Turn the ignition switch OFF.

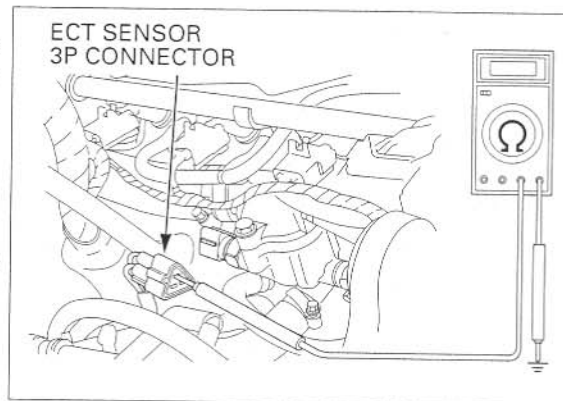
Check for continuity between the ECT sensor 3P connector terminal of the wire harness side and ground.

Connection: Pink – Ground

Is there continuity?

YES – Short circuit in Pink wire

NO – Replace the ECM with a known good one, and recheck.



DTC 7-2 (ECT SENSOR HIGH VOLTAGE)

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

1. ECT Sensor System Inspection

Turn the ignition switch ON and engine stop switch " \odot ".

Check the ECT sensor with the HDS.

Is about 5 V indicated?

YES – GO TO STEP 2.

NO – • Intermittent failure
• Loose or poor contact on the ECT sensor connector