

Emission Control System

Evaporative Emission (EVAP) Controls (cont'd)

P0453

The scan tool indicates Diagnostic Trouble Code (DTC) P0453: A high voltage problem in the Fuel Tank Pressure sensor.

- The MIL has been reported on.
- DTC P0453 is stored.

Check the vacuum lines:

Check the vacuum lines of the fuel tank pressure sensor for mis-routing, leakage, breakage and clogging.

Are the vacuum lines OK?

NO

Repair or replace vacuum lines as necessary.

YES

Problem verification:

1. Do the PCM Reset Procedure.
2. Remove the fuel fill cap.
3. Turn the ignition switch ON (II).
4. Monitor the FTP sensor voltage with the Honda PGM Tester, or measure voltage between body ground and PCM connector terminal D15.

Is there about 2.5 V?

YES

Intermittent failure, system is OK at this time. Check for poor connections or loose wires at C417 (located near the under-dash fuse/relay box), C319 (C674)* (fuel tank pressure sensor) and PCM.

NO

Check for an open in the wire (SG2 line):

1. Turn the ignition switch OFF.
2. Reinstall the fuel fill cap.
3. Disconnect the fuel tank pressure sensor 3P connector.
4. Turn the ignition switch ON (II).
5. Measure voltage between the fuel tank pressure sensor 3P connector terminals No. 1 and No. 2.

Is there about 5 V?

NO

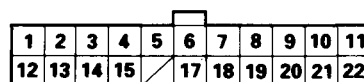
Repair open in the wire between the fuel tank pressure sensor and PCM (D22).

YES

Check for a short in the wire (PTANK line):

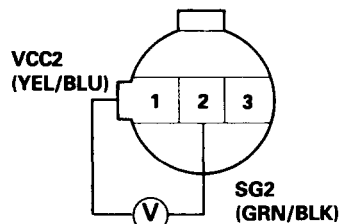
Measure voltage between the fuel tank pressure sensor 3P connector terminals No. 2 and No. 3.

PCM CONNECTOR D (22P)

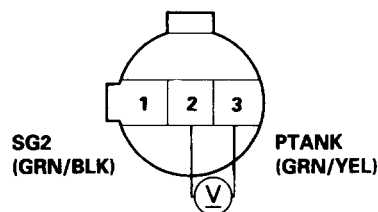


Wire side of female terminals

FUEL TANK PRESSURE SENSOR 3P CONNECTOR (C319 (C674)*)



Wire side of female terminals

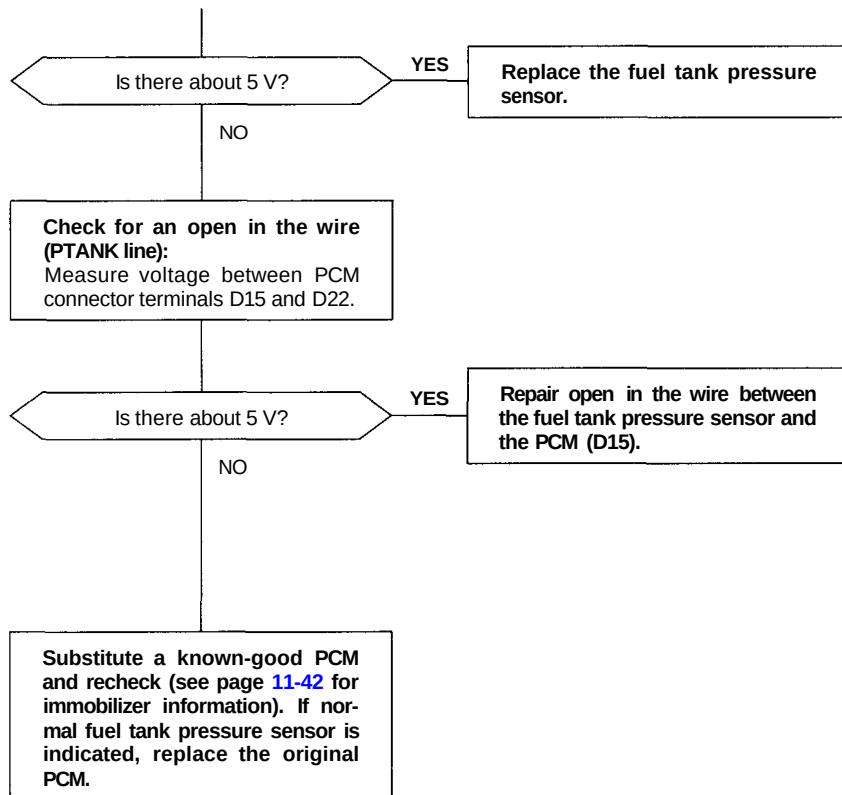


*: '00 - '01 models

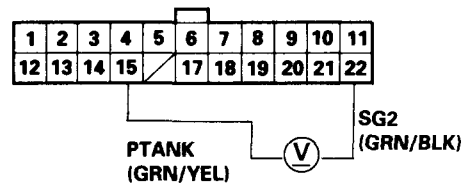
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PCM CONNECTOR D (22P)



Wire side of female terminals

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