

Troubleshooting

Barometric Pressure (BARO) Signal

Diagnostic Trouble Code (DTC) 3-5: Barometric Pressure (BARO) Signal Diagnosis

- With engine running, TCS indicator light is ON.
- MIL is OFF.
- With the SCS service connector connected (see page 19-159), DTC 3-5 is indicated.

NOTE: When both the TCS indicator light and the MIL are ON, troubleshoot the PGM-FI system first.

Check for a short to body ground in the BARO circuit:

1. Disconnect the PCM connector D (22P) and TCS control unit 20P connectors.
2. Check for continuity between the PCM connector D (22P) terminal No. 3 and body ground.

Is there continuity?

YES

Repair short to body ground in the wire between the PCM and TCS control unit.

NO

Check the BARO circuit inside the PCM:

1. Connect the PCM connector D (22P).
2. Turn the ignition switch ON (II).
3. Measure the voltage between the PCM connector D (22P) terminal No. 3 and body ground.

Is there about 3 V?

NO

Check for loose PCM connectors. If necessary, substitute a known-good PCM and recheck.

YES

Check for an open in the BARO circuit:

Measure the voltage between the TCS control unit 20P connector terminal No. 13 and body ground.

Is there about 3 V?

NO

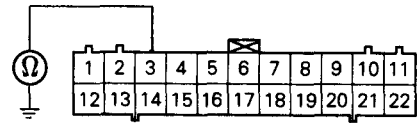
Repair open in the wire between the PCM and TCS control unit.

YES

- The system is OK at this time.
- If the problem recurs, replace the TCS control unit.

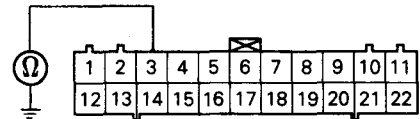
PCM CONNECTOR D (22P)

BARO (GRN/ORN)



Wire side of female terminals

BARO (GRN/ORN)



TCS CONTROL UNIT 20P CONNECTOR



BARO (GRN/ORN)



Wire side of female terminals