

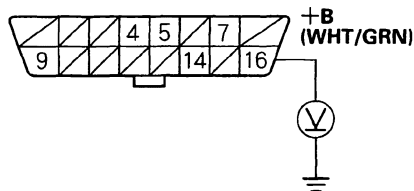


DLC Circuit Troubleshooting

If the ECM/PCM does not communicate with the OBD II scan tool, Honda PGM Tester, or I/M test equipment, do this troubleshooting procedure.

1. Measure voltage between DLC terminal No. 16 and body ground.

DATA LINK CONNECTOR (DLC)



Terminal side of female terminals

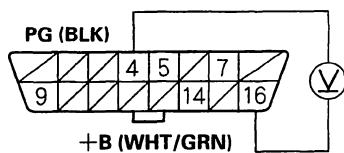
Is there battery voltage?

YES – Go to step 2.

NO – Repair open in the wire between DLC terminal No. 16 and the ACGS (15A) fuse in the under-hood fuse/relay box. ■

2. Measure voltage between DLC terminals No. 4 and No. 16.

DATA LINK CONNECTOR (DLC)



Terminal side of female terminals

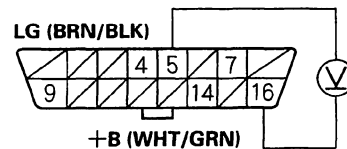
Is there battery voltage?

YES – Go to step 3.

NO – Repair open in the wire between DLC terminal No. 4 and body ground (G401). ■

3. Measure voltage between DLC terminals No. 5 and No. 16.

DATA LINK CONNECTOR (DLC)



Terminal side of female terminals

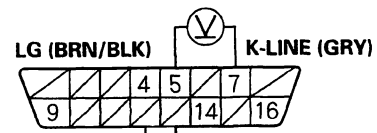
Is there battery voltage?

YES – Go to step 4.

NO – Repair open in the wire between DLC terminal No. 5 and body ground (G101). ■

4. Turn the ignition switch ON (II).
5. Measure voltage between DLC terminals No. 5 and No. 7.

DATA LINK CONNECTOR (DLC)



Terminal side of female terminals

Is there 8.5 V or more?

YES – Go to step 10.

NO – Go to step 6.

6. Turn the ignition switch OFF.

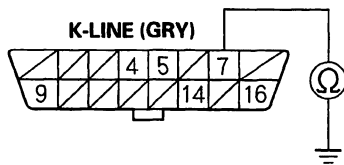
(cont'd)

PGM-FI System

DLC Circuit Troubleshooting (cont'd)

7. Disconnect ECM/PCM connector A (32P). Make sure the OBD II scan tool or Honda PGM Tester is disconnected from the DLC.
8. Check for continuity between DLC terminal No. 7 and body ground.

DATA LINK CONNECTOR (DLC)



Terminal side of female terminals

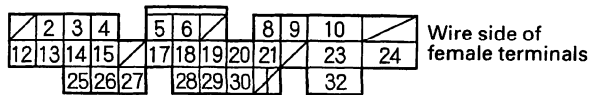
Is there continuity?

YES – Repair short to ground in the wire between DLC terminal No. 7 and the ECM/PCM (A21). After repairing the wire, check the DTC with the OBD II scan tool/Honda PGM Tester and go to the DTC Troubleshooting index. ■

NO – Go to step 9.

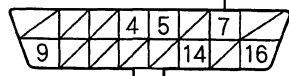
9. Check for continuity between DLC terminal No. 7 and ECM/PCM terminal A21.

ECM/PCM CONNECTOR A (32P)



K-LINE (GRY)

DATA LINK CONNECTOR (DLC)



Terminal side of female terminals

Is there continuity?

YES – Substitute a known-good ECM/PCM and recheck (see page 11-5). If the symptom/indication goes away, replace the original ECM/PCM. ■

NO – Repair open in the wire between DLC terminal No. 7 and the ECM/PCM (A21). After repairing the wire, check the DTC with the OBD II scan tool/Honda PGM Tester and go to the DTC Troubleshooting index. ■

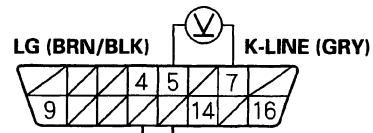
10. Turn the ignition switch OFF.

11. Disconnect ECM/PCM connector A (32P). Make sure the OBD II scan tool or Honda PGM Tester is disconnected from the DLC.

12. Turn the ignition switch ON (III).

13. Measure voltage between DLC terminals No. 5 and No. 7.

DATA LINK CONNECTOR (DLC)



Terminal side of female terminals

Is there 0 V?

YES – Substitute a known-good ECM/PCM and recheck (see page 11-5). If the symptom/indication goes away, replace the original ECM/PCM. ■

NO – Repair short to power in the wire between the DLC terminal No. 7 and the ECM/PCM (A21). After repairing the wire, check the DTC with the OBD II scan tool/Honda PGM Tester and go to the DTC Troubleshooting index. ■