

DTC TEST NO. 1: NO CAM SIGNAL AT PCM

NOTE: Circuit is monitored by Powertrain Control Module (PCM) during engine cranking and Crankshaft Position (CKP) sensor signal is input to PCM. DTC is set when no signal is received from Camshaft Position (CMP) sensor for 2 seconds when CKP sensor signal exists. Possible causes for DTC to set are: open power supply circuit, open sensor ground circuit, open or shorted signal circuit, damaged camshaft target magnet, defective CMP sensor or defective PCM.

1. Verify distributor is properly installed.
2. Disconnect distributor 6-pin harness connector A-73. Turn ignition on. Measure voltage between ground and terminal No. 2 (Yellow wire) at distributor harness connector A-73. See [Fig. 2](#) . Voltage should be 8.5-9.5 volts. Measure voltage between ground and terminal No. 3 (Brown wire) at distributor harness connector A-73. Voltage should be 4.8-5.2 volts. If both voltages are as specified, go to next step. If either voltage is not as specified, go to step 7
3. Turn ignition off. Check continuity between ground and terminal No. 1 (Black/Green wire) at distributor harness connector A-73. If continuity exists, go to next step. If continuity does not exist, go to step 7.
4. Inspect distributor 6-pin connector for damaged wires or terminals. If problem does not exist, go to next step. If problem exists, repair connector as necessary.
5. Connect all disconnected components. Using scan tool, retrieve and record DTCs and freeze frame data. Clear DTCs. Test drive vehicle under conditions when DTC was set. If DTC returns, go to next step. If DTC does not return, test is complete.
6. Replace distributor. Using scan tool, retrieve and record DTCs and freeze frame data. Clear DTCs. Test drive vehicle under conditions when DTC was set. If DTC returns, replace PCM. If DTC does not return, test is complete.
7. Inspect Powertrain Control Module (PCM) connectors, junction connectors No. 3 and 4 for damaged wires or terminals. PCM is located at left front corner of engine compartment, in front of Electronic Automatic Transmission Electronic Control Module (EATX-ECM), near relay box. Junction connectors No. 3 and 4 are located under relay box in left front corner of engine compartment. See [Fig. 3](#) . If problem exists, repair connector(s) as necessary.

Fig. 2



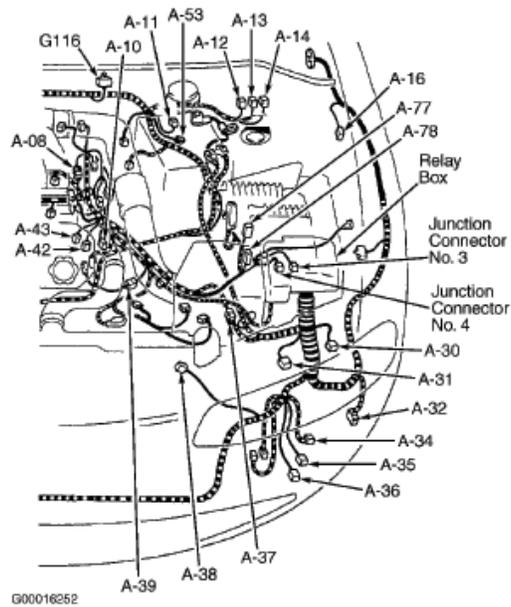
CONNECTOR A-73



CONNECTOR A-74

G00016251

Fig. 3



G00016252