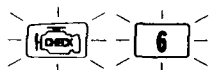


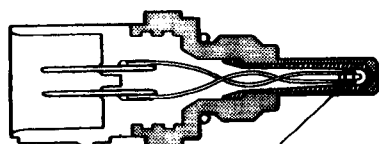
PGM-FI System

Troubleshooting Flowchart — Engine Coolant Temperature (ECT) Sensor —



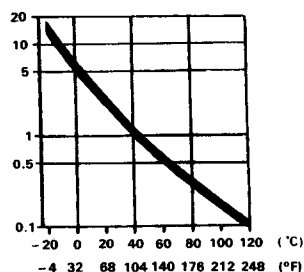
The Malfunction Indicator Lamp (MIL) indicates Diagnostic Trouble Code (DTC) 6: A problem in the Engine Coolant Temperature (ECT) Sensor circuit.

The ECT Sensor is a temperature dependant resistor (thermistor). The resistance of the thermistor decreases as the engine coolant temperature increases as shown below.

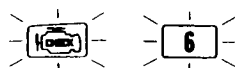


THERMISTOR

RESISTANCE
(K Ω)



ENGINE COOLANT TEMPERATURE



- The MIL has been reported on.
- With service check connector jumped (see page 11-34), code 6 is indicated.

Do the ECM or PCM Reset Procedure (see page 11-35).

Turn the ignition switch ON.

Is the MIL on and does it indicate code 6?

NO

Intermittent failure, system is OK at this time (test drive may be necessary).
Check for poor connections or loose wires at C355 (located at right shock tower), C107 (ECT sensor) and ECM or PCM.

YES

Warm up engine to normal operating temperature (the radiator fan comes on).

Turn the ignition switch OFF.

Disconnect the 2P connector from the ECT sensor.

Measure resistance between the 2 terminals on the ECT sensor.

Is there 200-400 Ω ?

NO

Replace the ECT sensor.

YES

(To page 11-65)

