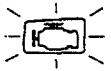


# PGM-FI System

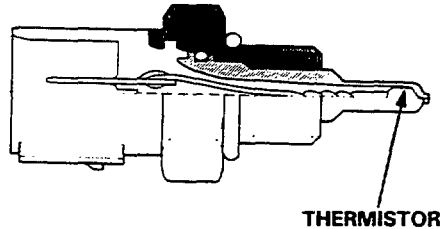
## Intake Air Temperature (IAT) Sensor



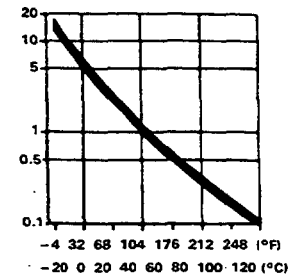
10

The Malfunction Indicator Lamp (MIL) indicates Diagnostic Trouble Code (DTC) 10: A problem in the Intake Air Temperature (IAT) Sensor circuit.

The IAT Sensor is a temperature dependant resistor (thermistor). The resistance of the thermistor decreases as the intake air temperature increases as shown below.



RESISTANCE (kΩ)



INTAKE AIR TEMPERATURE

- The MIL has been reported on.
- With the SCS short connector connected (see page 11-14), code 10 is indicated.

Do the ECM Reset Procedure (see page 11-15).

Turn the ignition switch ON.

Is the MIL on and does it indicate code 10?

NO

Intermittent failure, system is OK at this time (test drive may be necessary).  
Check for poor connections or loose wires between the IAT sensor and the ECM.

YES

Turn the ignition switch OFF.

Disconnect the 2P connector from the IAT sensor.

Measure resistance between the 2 terminals on the IAT sensor.

Is there 0.4–4.0 kΩ?

NO

Replace the IAT sensor.

YES

(To page 11-51)

