

**MIL 7 or 57 BLINKS (ECT SENSOR)**

**1. Connector Inspection**

Erase the self diagnosis memory data from the ECM (page 6-15).

Turn the ignition switch "OFF".

Disconnect the ECT sensor 3P connector.

Check for loose or poor contact on the ECT sensor 3P connector.

Connect the ECT sensor 3P connectors, turn the ignition switch "ON" and check if the MIL blinks.

**Does the MIL blink 7 or 57 times?**

**NO** - Loose or poor contact on the ECT sensor 3P connector.

**YES** - GO TO STEP 2.

**2. ECT Sensor Resistance Inspection**

Turn the ignition switch "OFF".

Disconnect the ECT sensor 3P connector.

Measure the resistance between the ECT sensor terminals.

**CONNECTION: A - B**

**STANDARD: 2.3 - 2.6 k $\Omega$  (20°C/68°F)**

**Is the resistance within 2.3 - 2.6 k $\Omega$  (20°C/68°F)?**

**NO** - Inspect the ECT sensor (page 6-52).

**YES** - GO TO STEP 3.

**3. ECT Sensor Short Inspection**

Check the continuity between the ECT sensor terminal and ground.

**CONNECTION: A - Ground**

**Is there continuity?**

**YES** - Faulty ECT sensor.

**NO** - GO TO STEP 4.

**4. ECT Sensor Input Voltage Inspection**

Turn the ignition switch "ON".

Measure the voltage between the ECT sensor 3P connector of the wire harness side.

**CONNECTION: Pink/White (+) - Green/Orange (-)**

**STANDARD: 4.75 - 5.25 V**

**Is the voltage within 4.75 - 5.25 V?**

**YES** -

- Loose or poor contact on the ECM connector.
- Intermittent failure.

**NO** - GO TO STEP 5.

