

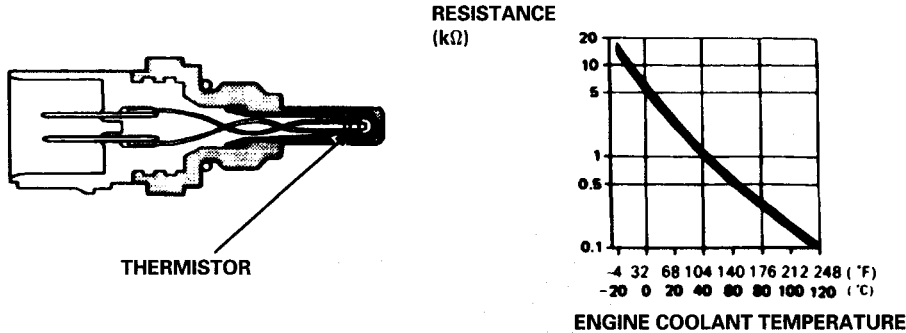


Engine Coolant Temperature (ECT) Sensor

P0116

The HDS or the scan tool indicates Diagnostic Trouble Code (DTC) P0116: A range/performance problem in the Engine Coolant Temperature (ECT) sensor.

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

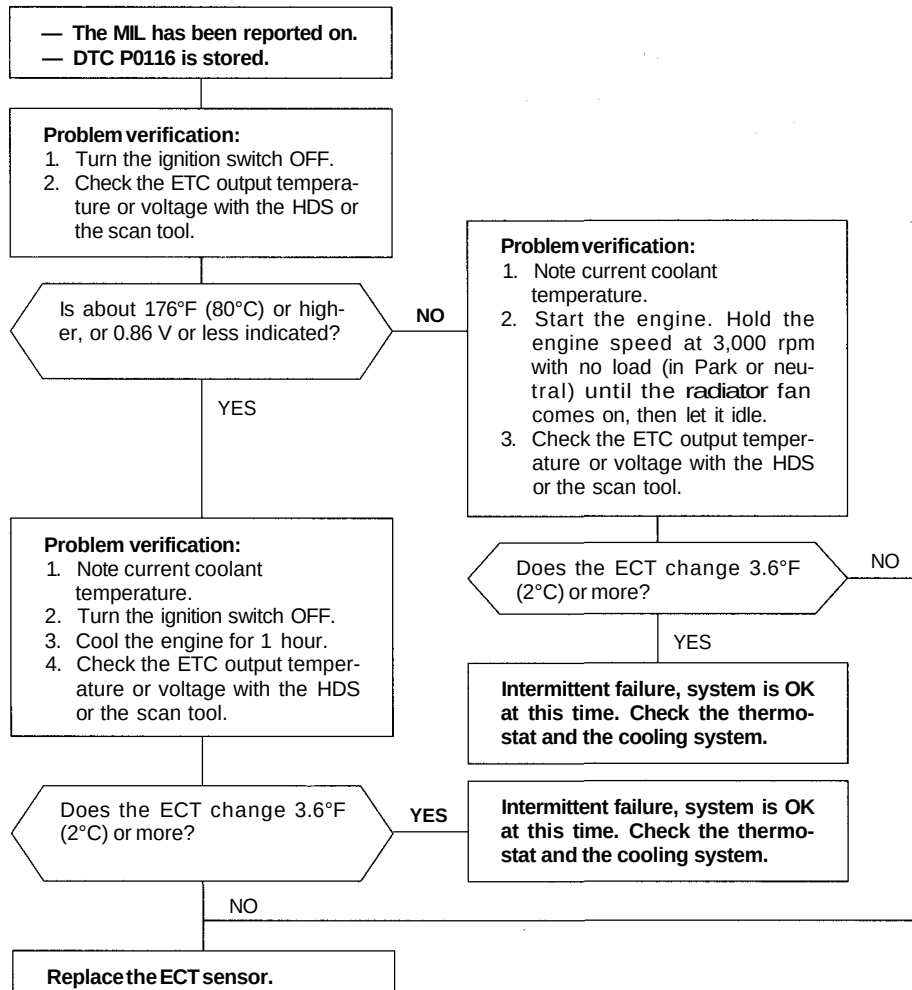


NOTE: If DTC P0117 and/or P0118 are stored at the same time as DTC P0116 and/or P0125, troubleshoot those DTCs first, then troubleshoot DTC P0116 and/or P0125.

Possible Cause

- ECT sensor deterioration
- Malfunction in the thermostat and the cooling system

Troubleshooting Flowchart



(cont'd)