

INSPECTION

Remove the ECT sensor.

Suspend the ECT sensor [1] in a pan of coolant on an electric heating element and measure the resistance through the sensor as the coolant heats up.

- Soak the ECT sensor in coolant up to its threads with at least 40 mm (1.6 in) from the bottom of the pan to the bottom of the sensor.
- Keep the temperature constant for 3 minutes before testing. A sudden change of temperature will result in incorrect readings. Do not let the thermometer or ECT sensor touch the pan.

Measure the resistance between the ECT sensor terminals.

Temperature	40°C (104°F)	100°C (212°F)
Resistance	1.0 – 1.3 kΩ	0.14 – 0.17 kΩ

Replace the ECT sensor if it is out of specification.

