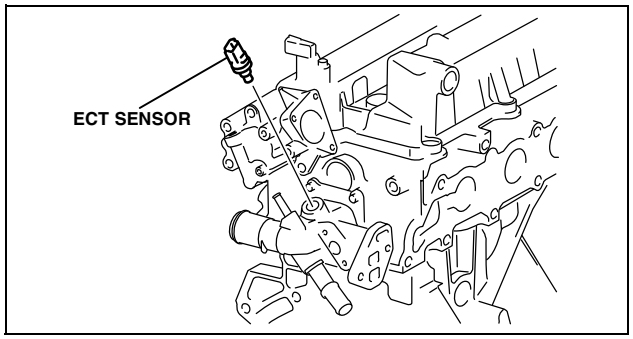
7. Remove the ECT sensor.
8. Install in the reverse order of removal.

Tightening torque
10— 14 N·m {102— 142 kgf·cm, 89— 123 in·lbf}

9. Refill the engine coolant. (See01-12-2 COOLING SYSTEM SERVICE WARNINGS[L3 WITH TC].)



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ENGINE COOLANT TEMPERATURE (ECT) SENSOR INSPECTION[L3 WITH TC]

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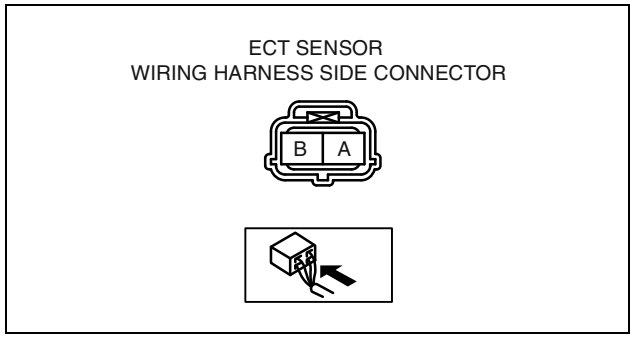
Note
- Before performing the following inspection, make sure to follow the procedure as indicated in the troubleshooting flowchart. (See 00-00-3 HOW TO USE THIS MANUAL.)

ECT Sensor Resistance Inspection
1. Drain the engine coolant. (See01-12-2 COOLING SYSTEM SERVICE WARNINGS[L3 WITH TC].)
2. Remove the ECT sensor (located above the starter).
3. Place the ECT sensor in water with a thermometer, and heat the water gradually.
4. Measure the resistance between the ECT sensor terminals A and B using a tester.
   - If not as specified, replace the ECT sensor.
   - If the ECT sensor is normal, but PID value is out of specification, perform the “Circuit Open/Short Inspection”.

Specification

Water temperature (°C {°F})	Resistance (kilohm)
20 {68}	35.48— 39.20
80 {176}	3.65— 4.02

Circuit Open/Short Inspection



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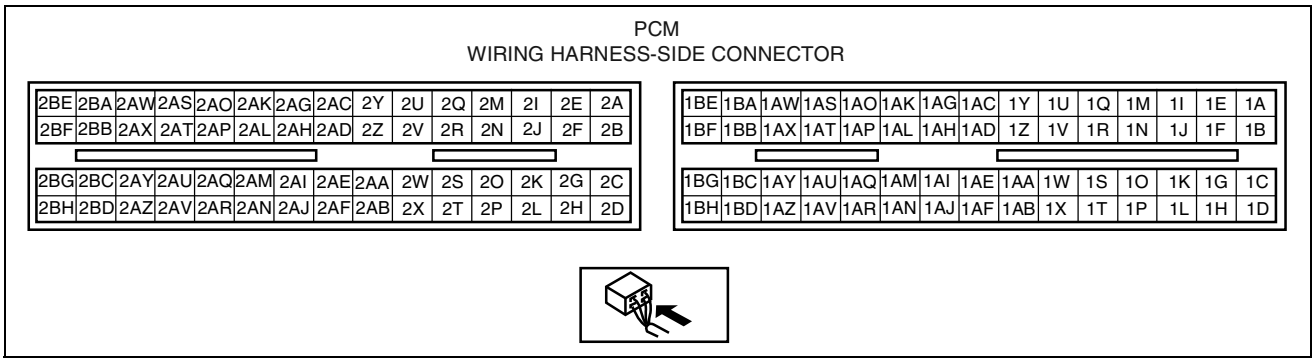

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1. Disconnect the PCM connector. (See01-40-6 PCM REMOVAL/INSTALLATION[L3 WITH TC].)
2. Inspect the following wiring harnesses for an open or short circuit. (Continuity check)