

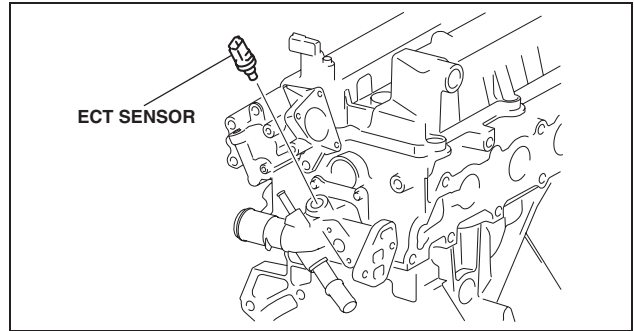
CONTROL SYSTEM [L3 WITH TC]

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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01-40

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.)

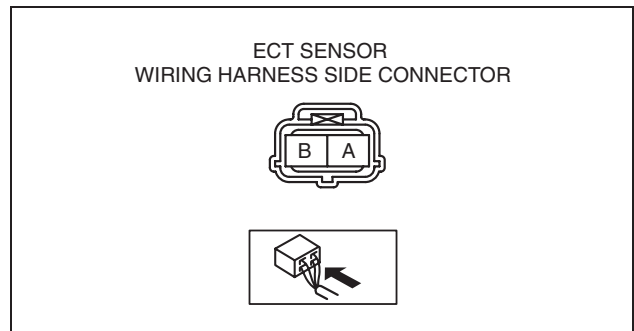
ECT Sensor Resistance Inspection

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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PCM
WIRING HARNESS-SIDE CONNECTOR

2BE	2BA	2AW	2AS	2AO	2AK	2AG	2AC	2Y	2U	2Q	2M	2I	2E	2A	1BE	1BA	1AW	1AS	1AO	1AK	1AG	1AC	1Y	1U	1Q	1M	1I	1E	1A
2BF	2BB	2AX	2AT	2AP	2AL	2AH	2AD	2Z	2V	2R	2N	2J	2F	2B	1BF	1BB	1AX	1AT	1AP	1AL	1AH	1AD	1Z	1V	1R	1N	1J	1F	1B
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2BG	2BC	2AY	2AU	2AQ	2AM	2AI	2AE	2AA	2W	2S	2O	2K	2G	2C	1BG	1BC	1AY	1AU	1AQ	1AM	1AI	1AE	1AA	1W	1S	1O	1K	1G	1C
2BH	2BD	2AZ	2AV	2AR	2AN	2AJ	2AF	2AB	2X	2T	2P	2L	2H	2D	1BH	1BD	1AZ	1AV	1AR	1AN	1AJ	1AF	1AB	1X	1T	1P	1L	1H	1D

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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)