

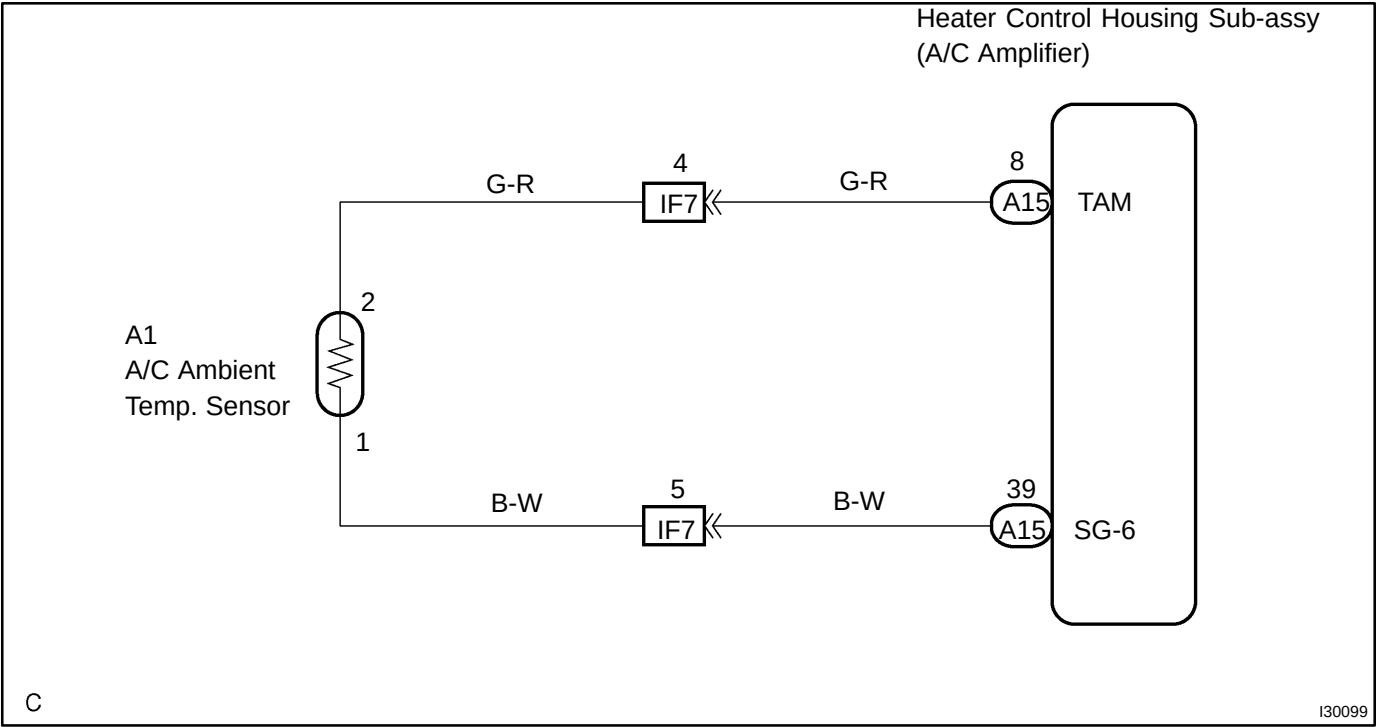
DTC	12	AMBIENT TEMPERATURE SENSOR CIRCUIT
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CIRCUIT DESCRIPTION

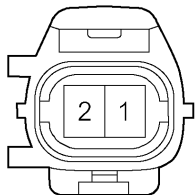
This sensor detects the temperature outside the cabin and sends the appropriate signals to the A/C amplifier.

DTC No.	Detection item	Trouble Area
12	Open or short in ambient temperature sensor circuit	• Ambient temperature sensor • Harness or connector between ambient temperature sensor and A/C amplifier • A/C amplifier

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT COOLER (AMBIENT TEMP. SENSOR) THERMISTOR

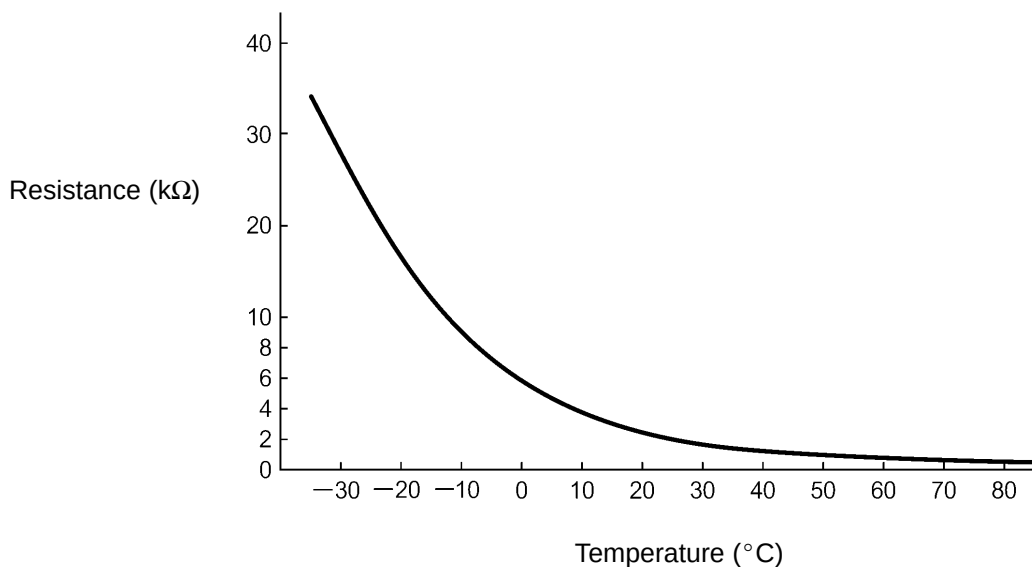
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- (a) Remove cooler (ambient temp. sensor) thermistor.
- (b) Measure resistance between terminals 1 and 2 of cooler (ambient temp. sensor) thermistor connector at each temperature.

Resistance:**at 25 °C (77 °F) : 1.65 - 1.75 kΩ****at 40 °C (104 °F) : 0.85 - 0.95 kΩ****HINT:**

As the temperature increases, the resistance decreases.



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REPLACE COOLER (AMBIENT TEMP. SENSOR) THERMISTOR

OK

2 CHECK HARNESS AND CONNECTOR(COOLER(AMBIENT TEMP.SENSOR)THERMISTOR AND CLOCK ASSY)

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REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

CHECK AND REPLACE HEATER CONTROL HOUSING SUB-ASSY