

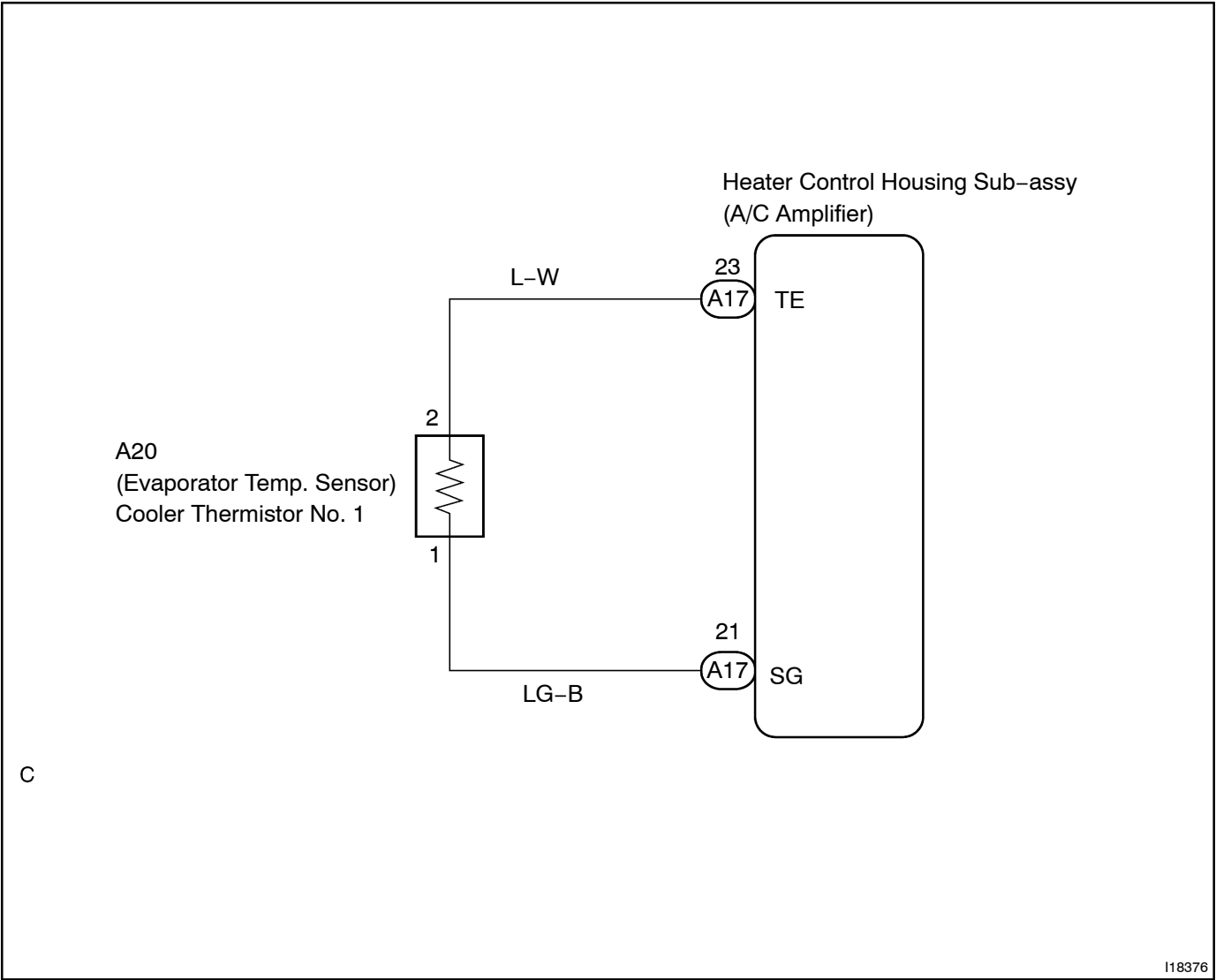
DTC	13	EVAPORATOR TEMPERATURE SENSOR CIRCUIT
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CIRCUIT DESCRIPTION

This sensor detects the temperature inside the cooling unit and sends the appropriate signals to the A/C amplifier.

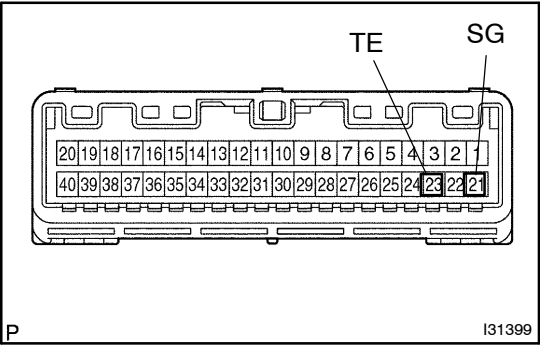
DTC No.	Detection Item	Trouble Area
13	Open or short in evaporator temperature sensor circuit.	<ul style="list-style-type: none">• Evaporator temperature sensor• Harness or connector between evaporator temperature sensor and A/C amplifier• A/C amplifier

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT HEATER CONTROL HOUSING SUB-ASSY(TE, SG)



- (a) Remove A/C amplifier with connectors still connected.
- (b) Turn ignition switch ON.
- (c) Measure voltage between terminals TE and SG of A/C amplifier connector at each temperature.

Voltage

at 0 °C (32 °F) : 2.0 – 2.4 V

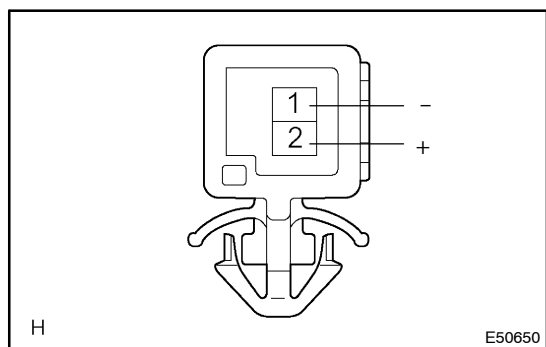
at 15 °C (59 °F) : 1.4 – 1.8 V

A	NG
B	OK (when checking from the PROBLEM SYMPTOM TABLE)
C	OK (Checking from the DTC)

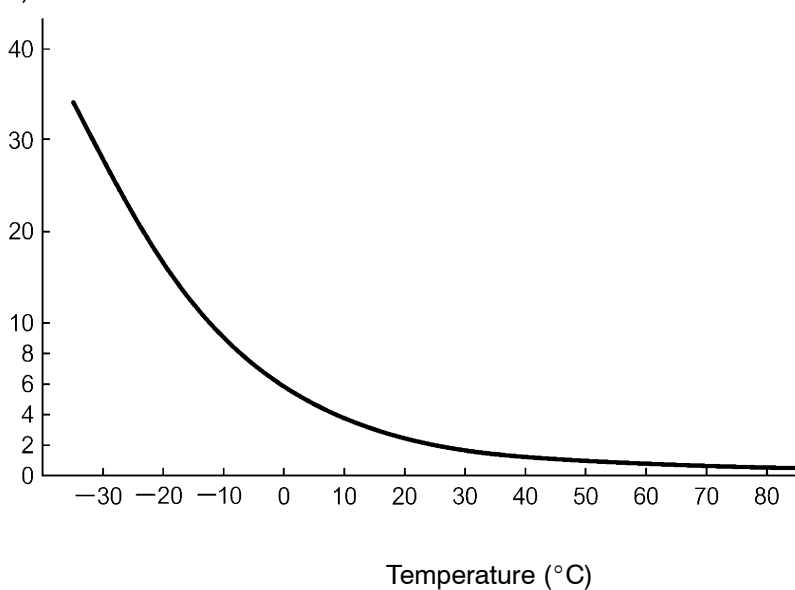
B PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOM TABLE

C CHECK AND REPLACE HEATER CONTROL HOUSING SUB-ASSY

A

2 INSPECT COOLER THERMISTOR NO.1

- (a) Remove cooler thermistor No. 1.
- (b) Check resistance between terminals 1 and 2 of cooler thermistor No. 1 at each temperature, as shown in the chart.

Resistance:Resistance (k Ω)

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NG**REPLACE COOLER THERMISTOR NO.1****OK****3 CHECK HARNESS AND CONNECTOR(BETWEEN COOLER THERMISTOR NO.1 AND HEATER CONTROL HOUSING SUB-ASSY)****NG****REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****CHECK AND REPLACE HEATER CONTROL HOUSING SUB-ASSY**