

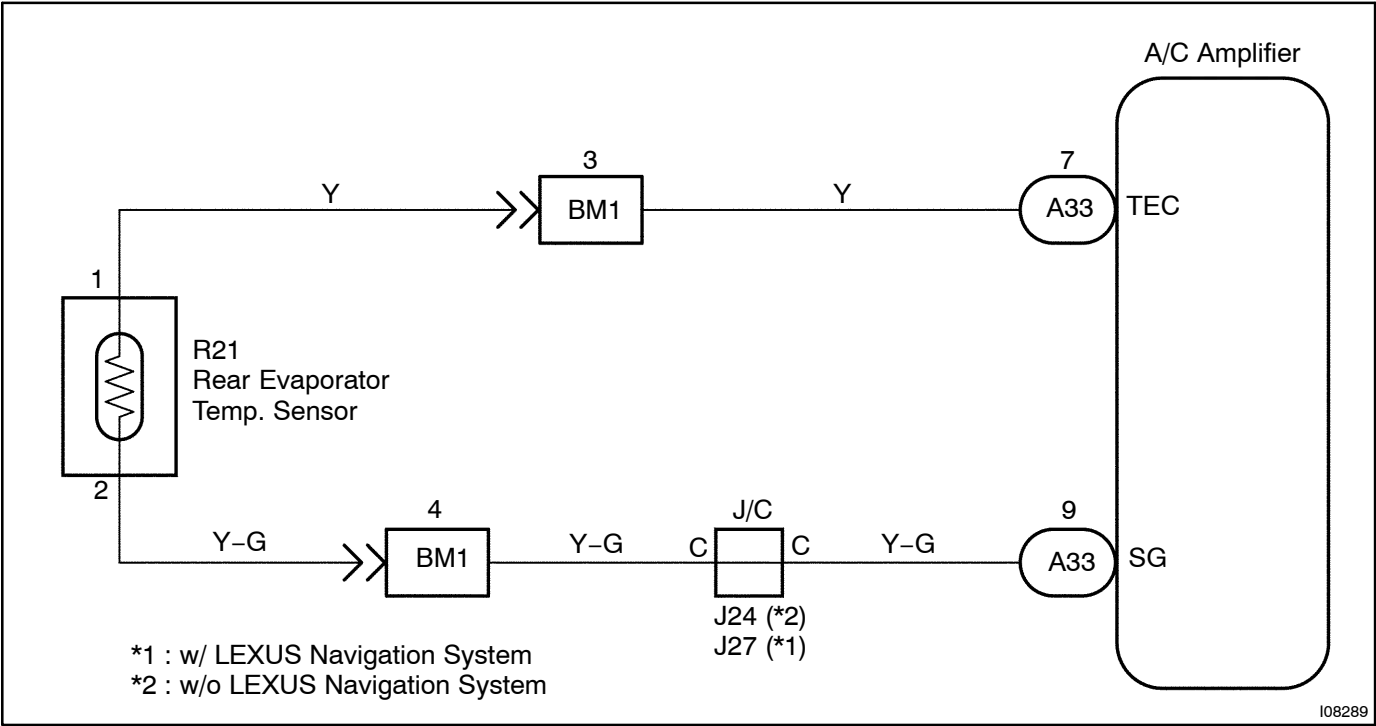
DTC	17	Rear Evaporator Temperature Sensor Circuit
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CIRCUIT DESCRIPTION

This sensor detects the rear evaporator temperature and sends the appropriate signals to the A/C amplifier.

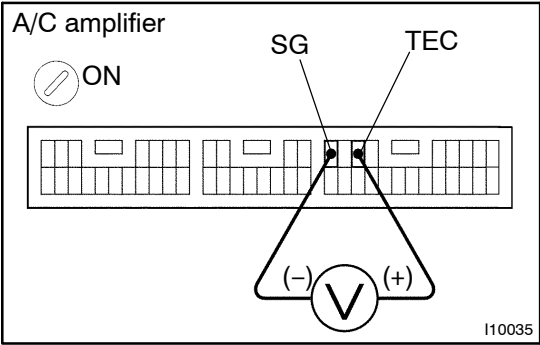
DTC No.	Detection Item	Trouble Area
17	Open or short in rear evaporator temperature sensor circuit	• Rear evaporator temp. sensor • Harness or connector between rear evaporator temp. sensor and A/C amplifier • A/C amplifier

WIRING DIAGRAM



INSPECTION PROCEDURE

1	Check voltage between terminals TEC and SG of A/C amplifier.
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PREPARATION:
Remove A/C amplifier with connectors still connected.

CHECK:

- (a) Turn ignition switch to ON.
- (b) Measure voltage between terminals TEC and SG of A/C amplifier connector at each temperature.

OK:

Voltage :
at 0°C (32°F) : 2.0 – 2.4 V
at 15°C (59°F) : 1.4 – 1.8 V

HINT:
As the temperature increases, the voltage decreases.

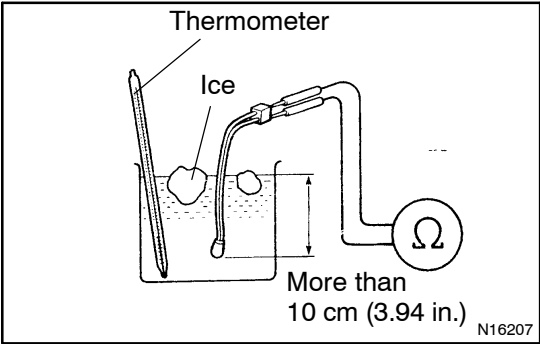
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Go to step 2.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-1758](#)). However, if DTC 17 is displayed, check and replace A/C amplifier.

2	Check rear evaporator temperature sensor.
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PREPARATION:
Remove rear evaporator temperature sensor (See page [AC-34](#)).

CHECK:
Measure resistance between terminals 1 and 2 of evaporator temperature sensor connector at each temperature.

OK:

Resistance :
at 0°C (32°F) : 4.5 – 5.2 kΩ
at 15°C (59°F) : 2.0 – 2.7 kΩ

HINT:
As the temperature increases, the resistance decreases.

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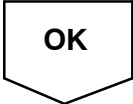
Replace rear evaporator temperature sensor.

OK

3	Check harness and connector between rear evaporator temperature sensor and A/C amplifier (See page IN-36).
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Repair or replace harness or connector.

OK

Check and replace A/C amplifier.