

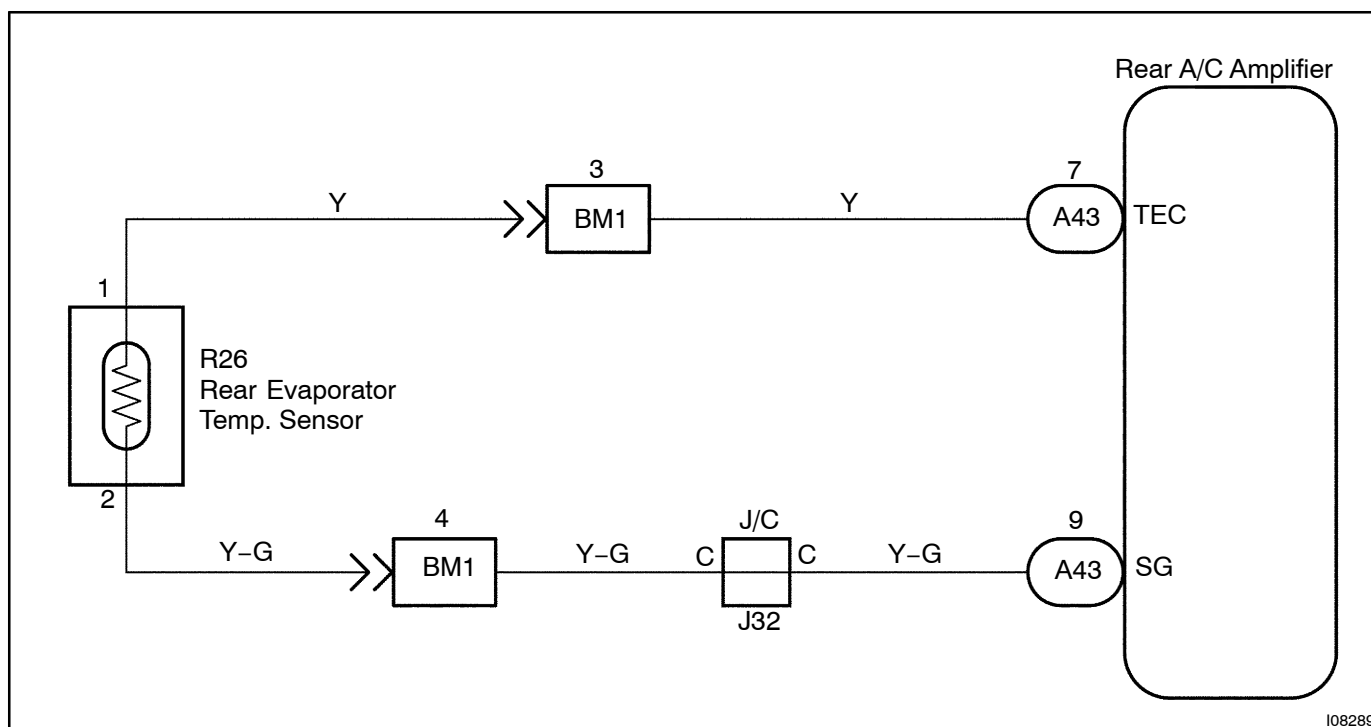
DTC	17	Rear Evaporator Temperature Sensor Circuit
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CIRCUIT DESCRIPTION

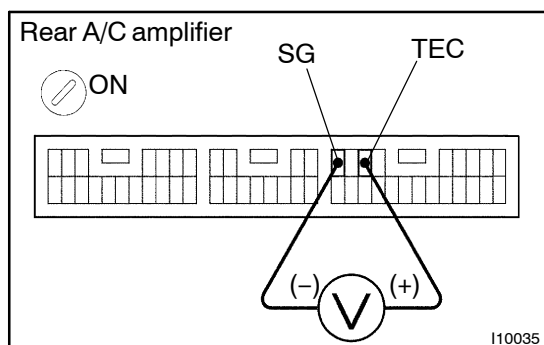
This sensor detects the rear evaporator temperature and sends the appropriate signals to the A/C amplifier.

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 rear A/C amplifier • Rear A/C amplifier

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check voltage between terminals TEC and SG of rear A/C amplifier.
**PREPARATION:**

Remove rear A/C amplifier with connectors still connected.

CHECK:

- Turn ignition switch to ON.
- Measure voltage between terminals TEC and SG of rear 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:

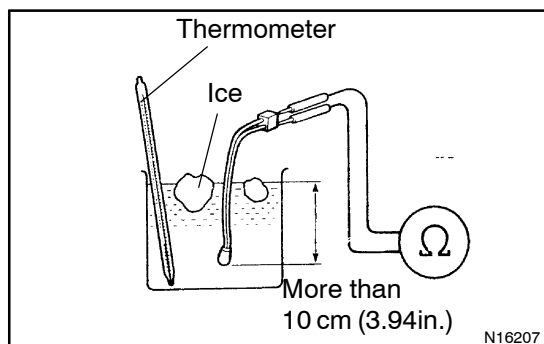
As the temperature increases, the voltage decreases.

NG

Go to step 2.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-1238). However, if DTC 17 is displayed, check and replace A/C amplifier.

2 Check rear evaporator temperature sensor.
**PREPARATION:**

Remove rear evaporator temperature sensor.

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.

NG

Replace rear evaporator temperature sensor.

OK

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|----------|---|
| 3 | Check harness and connector between rear evaporator temperature sensor and A/C amplifier (See page IN-38). |
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NG**Repair or replace harness or connector.****OK****Check and replace A/C amplifier.**