

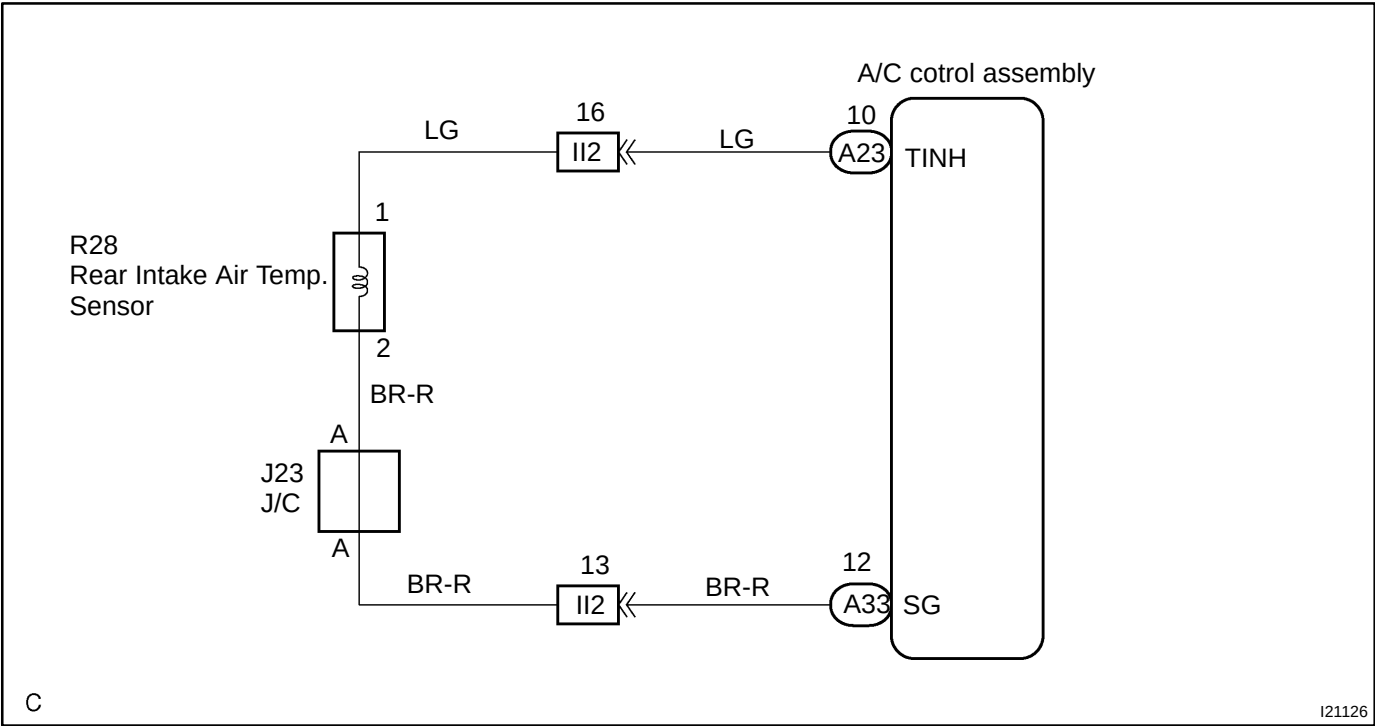
DTC	26	Rear Heater Intake Air Temperature Sensor Circuit
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CIRCUIT DESCRIPTION

This sensor detects the rear heater intake air temperature and sends the appropriate signals to the A/C control assembly.

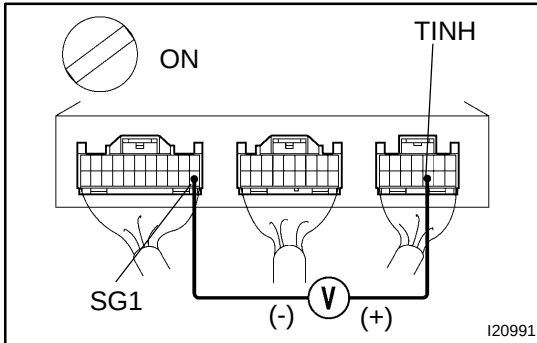
DTC No.	Detection Item	Trouble Area
26	Open or short in rear inlet air temperature sensor circuit.	• Rear heater intake air temperature sensor • Harness or connector between rear heater intake air temperature sensor and A/C control assembly • A/C control assembly

WIRING DIAGRAM



INSPECTION PROCEDURE

- | | |
|----------|---|
| 1 | Check voltage between terminals TINH and SG of A/C control assembly connector. |
|----------|---|

**PREPARATION:**

Remove A/C control assembly with connectors still connected.

CHECK:

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

OK:**Voltage :**

at 25°C (77°F) : 1.8 - 2.2 V

at 40°C (104°F) : 1.2 - 1.6 V

HINT:

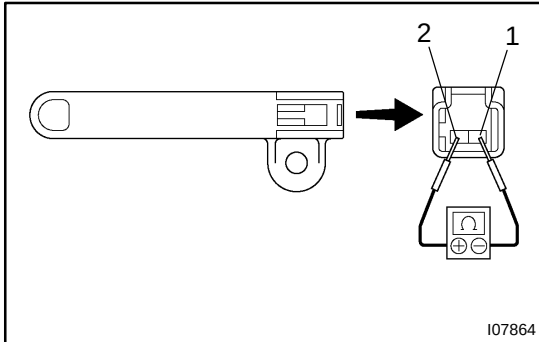
As the temperature increases, the voltage decreases.

NG

Go to step 2.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-697](#)). However, if DTC 26 is displayed, check and replace A/C control assembly.

2 Check rear heater intake air temperature sensor.**PREPARATION:**

Disconnect rear heater intake air temperature sensor connector.

CHECK:

Measure resistance between terminals 1 and 2 of rear heater intake air temperature sensor connector at each temperature.

OK:

Resistance :

at 25°C (77°F) : 1.65 - 1.75 kΩ

at 50°C (122°F) : 0.55 - 0.65 kΩ

HINT:

As the temperature increases, the resistance decreases.

NG

Replace rear heater intake air temperature sensor.

OK**3 Check harness and connector between A/C control assembly and rear heater intake air temperature sensor (See page [IN-31](#)).****NG**

Repair or replace harness or connector.

OK

Check and replace A/C control assembly.