

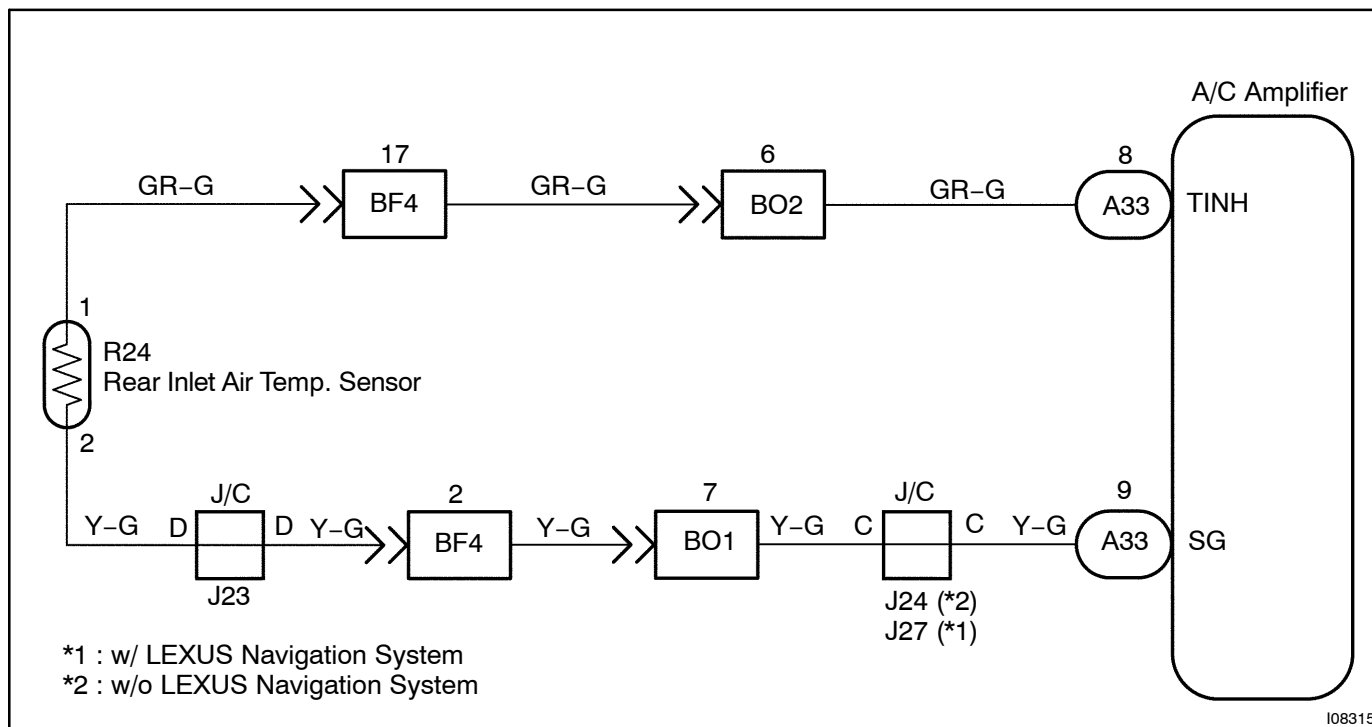
DTC	26	Rear Inlet Air Temperature Sensor Circuit
------------	-----------	--

CIRCUIT DESCRIPTION

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

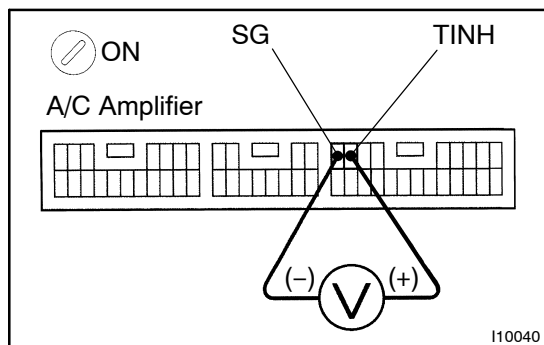
DTC No.	Detection Item	Trouble Area
26	Open or short in rear inlet air temperature sensor circuit.	• Rear inlet air temp. sensor • Harness or connector between rear inlet air temp. sensor and A/C amplifier • A/C amplifier

WIRING DIAGRAM



INSPECTION PROCEDURE

1	Check voltage between terminals TINH and SG of A/C amplifier connector.
---	--

**PREPARATION:**

Remove A/C amplifier with connectors still connected.

CHECK:

- (a) Turn ignition switch to ON.
- (b) Measure voltage between terminals TINH and SG of A/C amplifier 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:

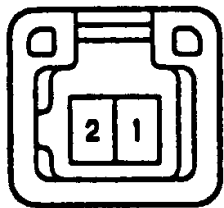
As the temperature increases, the voltage decreases.

NG

Go to step 2.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-1758](#)). However, if DTC 26 is display, check and replace A/C amplifier.

2 Check rear inlet air temperature sensor.

I08364

PREPARATION:

Disconnect rear inlet air temperature sensor connector.

CHECK:

Measure resistance between terminals 1 and 2 of rear inlet 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 inlet air temperature sensor.****OK****3 Check harness and connector between rear inlet air temperature sensor and A/C amplifier (See page [IN-36](#)).****NG****Repair or replace harness or connector.****OK****Check and replace A/C amplifier.**