

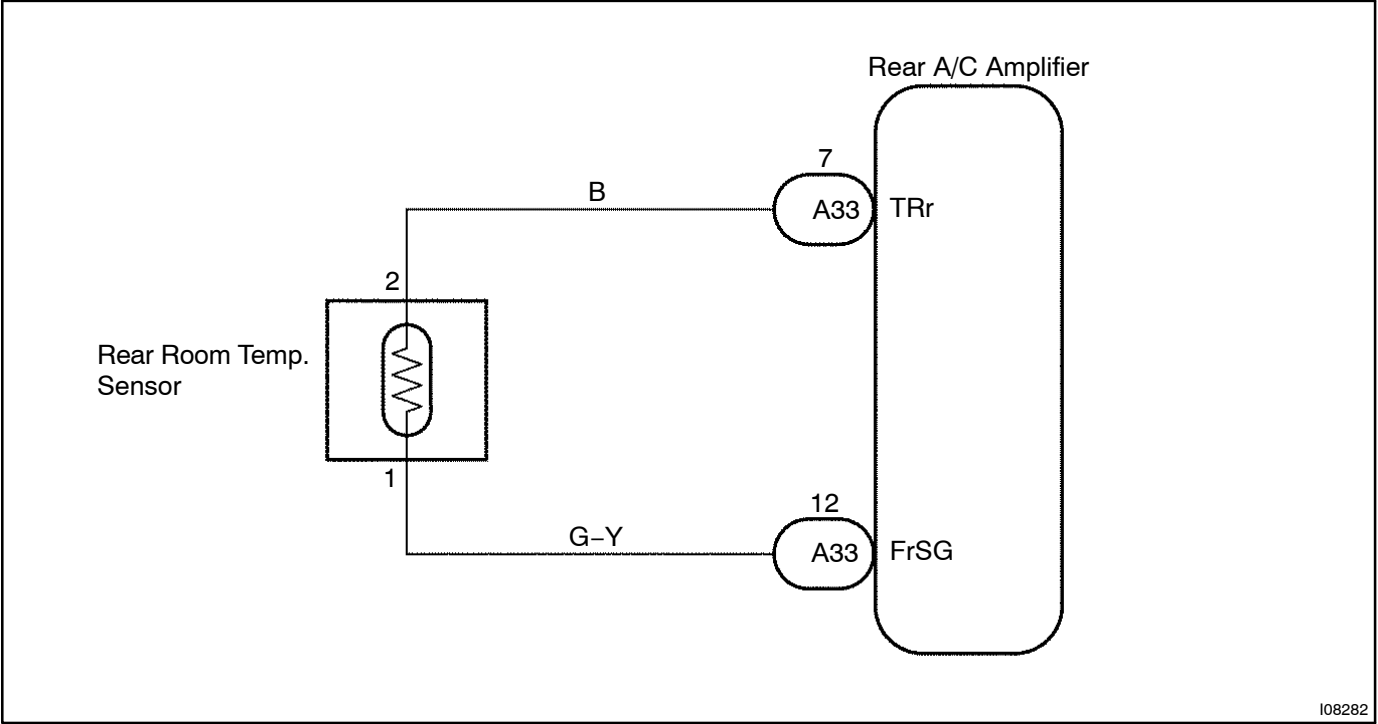
DTC	RrACSW, FACE	Rear Room Temperature Sensor Circuit
------------	---------------------	---

CIRCUIT DESCRIPTION

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

Blinking light	Detection Item	Trouble Area
RrACSW FACE	Open or short in rear room temperature sensor circuit.	• Rear room temperature sensor. • Harness or connector between rear room temperature sensor and A/C amplifier. • Rear A/C amplifier.

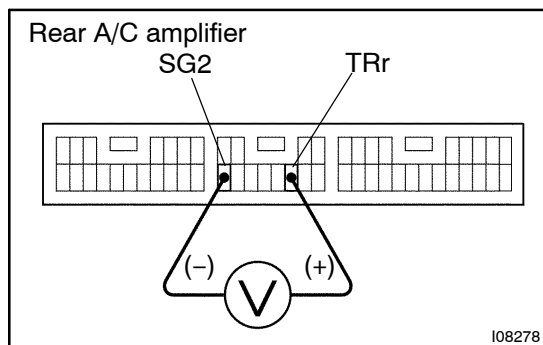
WIRING DIAGRAM



I08282

INSPECTION PROCEDURE

- | | |
|----------|--|
| 1 | Check voltage between terminals TRr and SG2 of A/C amplifier connector. |
|----------|--|

**PREPARATION:**

Remove rear A/C amplifier with connectors still connected.

CHECK:

- (a) Turn ignition switch ON.
- (b) Measure voltage between terminals TRr and SG2 of rear 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:

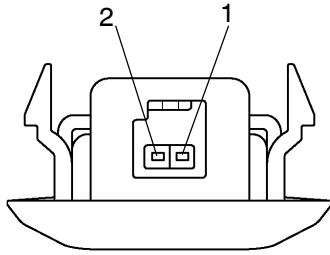
As the temperature increases, the voltage decreases.

NG

Go to step 3.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-630](#)). However, if RrACSW and FACE indicator light is light up, check and replace A/C amplifier.

2 Check rear room temperature sensor.

I08309

PREPARATION:

Disconnect rear room temperature sensor connector.

CHECK:

Measure resistance between terminals 1 and 2 of room 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 room temperature sensor.****OK****3 Check harness and connector between rear A/C amplifier and rear room temperature sensor (See page [IN-34](#)).****NG****Repair or replace harness or connector.****OK****Check and replace A/C amplifier.**