

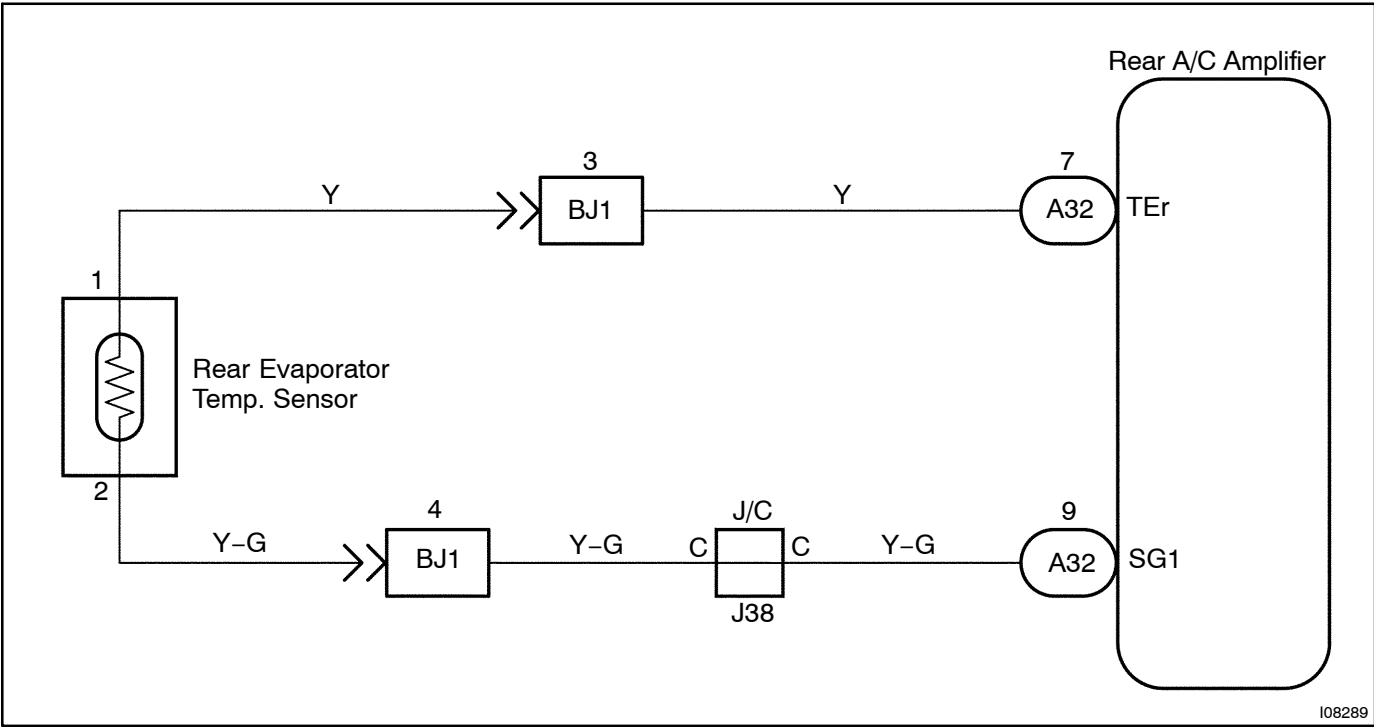
DTC	RrACSW, FOOT	Rear Evaporator Temperature Sensor Circuit
-----	--------------	--

CIRCUIT DESCRIPTION

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

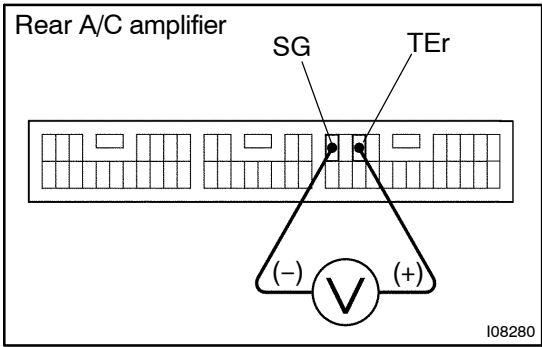
Blinking light	Detection Item	Trouble Area
RrACSW FOOT	Open or short in rear evaporator temperature sensor circuit.	• Rear evaporator temperature sensor. • Harness or connector between rear evaporator temperature sensor and A/C amplifier. • Rear A/C amplifier

WIRING DIAGRAM



INSPECTION PROCEDURE

1	Check voltage between terminals TEr and SG of rear 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 TEr and SG of rear A/C amplifier connector at each temperature.

OK:

Voltage :

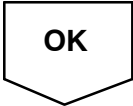
at 0°C (32°F) : 2.0 – 2.4 V

at 15°C (59°F) : 1.4 – 1.8 V

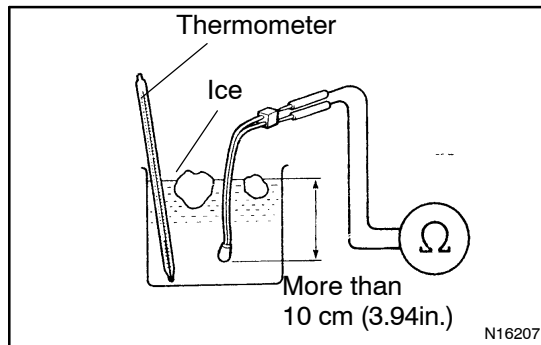
HINT:

As the temperature increases, the voltage decreases.

NG	Go to step 2.
----	---------------



Proceed to next circuit inspection shown on problem symptoms table (See page [DI-630](#)). However, if RrACSW and FOOT is light up, 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****3 Check harness and connector between A/C amplifier and rear evaporator temperature sensor (See page [IN-34](#)).****NG****Repair or replace harness or connector.****OK****Check and replace A/C amplifier.**