

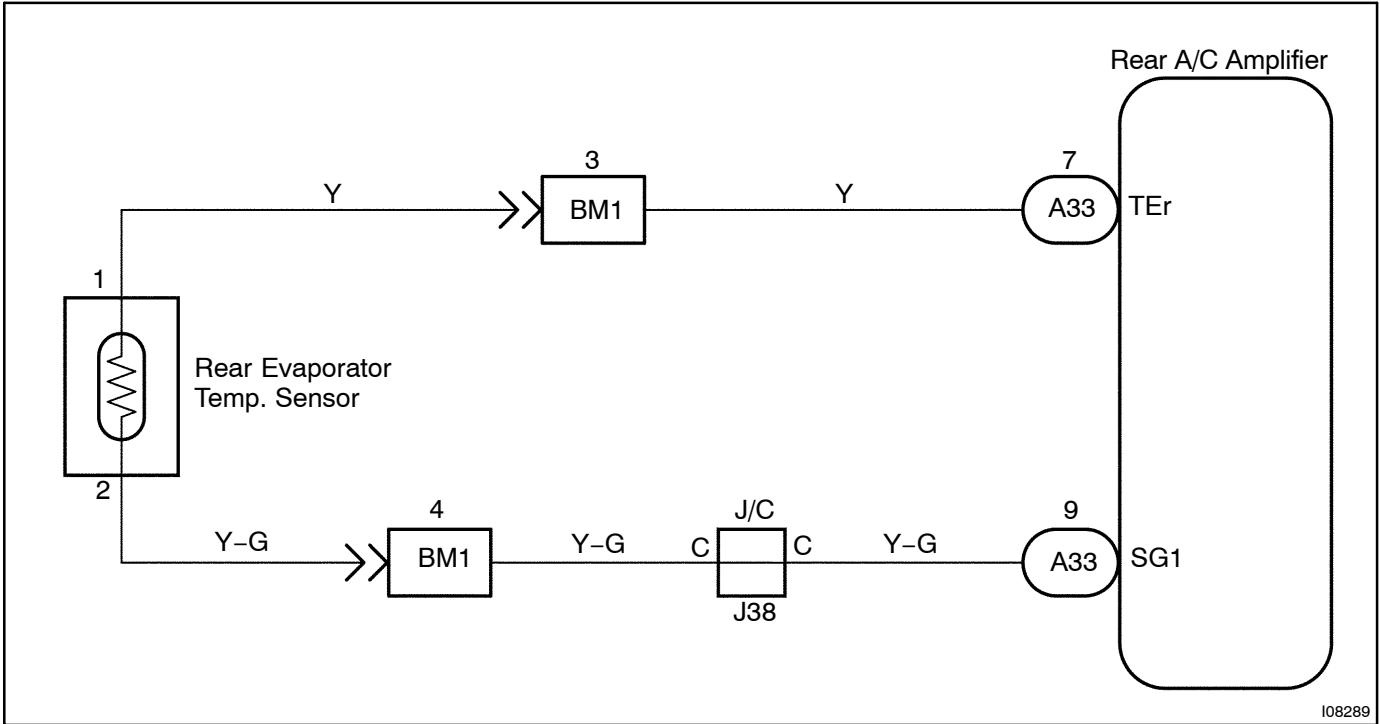
DTC	17	Rear Evaporator Temperature Sensor Circuit
------------	-----------	---

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.	<ul style="list-style-type: none"> Rear evaporator temperature sensor. Harness or connector between rear evaporator temperature sensor and rear A/C amplifier. Rear A/C amplifier

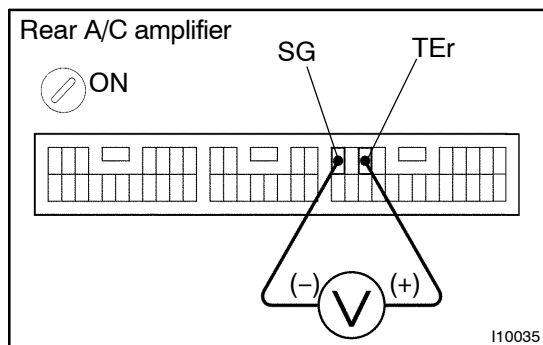
WIRING DIAGRAM



108289

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 to 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.

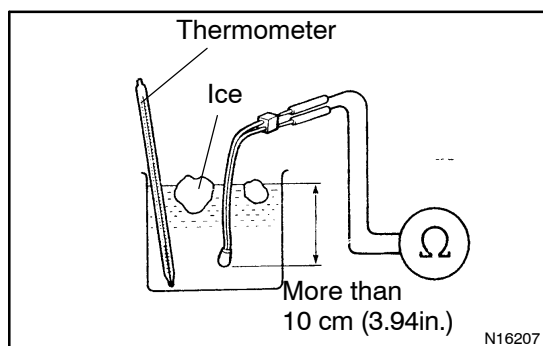
NG

Go to step 2.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-777](#)). However, if DTC 17 is displayed, check and replace A/C amplifier.

2	Check rear evaporator temperature sensor.
----------	--

**PREPARATION:**

Remove rear evaporator temperature sensor
(See page [AC-34](#)).

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-33).
---	---

NG**Repair or replace harness or connector.****OK****Check and replace A/C amplifier.**