

EVAPORATOR TEMPERATURE SENSOR

REMOVAL

1. REMOVE AIR CONDITIONING UNIT

- (a) Remove the air conditioning radiator (see page AC-185).

2. REMOVE EVAPORATOR TEMPERATURE SENSOR

- (See page AC-193)

INSPECTION

1. INSPECT EVAPORATOR TEMPERATURE SENSOR

- (a) Measure the resistance of the sensor.

Standard resistance

Tester Connection	Condition	Specified Condition
1 - 2	-10°C (14°F)	7.30 to 9.10 kΩ
1 - 2	-5°C (23°F)	5.65 to 6.95 kΩ
1 - 2	0°C (32°F)	4.40 to 5.35 kΩ
1 - 2	5°C (41°F)	3.40 to 4.15 kΩ
1 - 2	10°C (50°F)	2.70 to 3.25 kΩ
1 - 2	15°C (59°F)	2.14 to 2.58 kΩ
1 - 2	20°C (68°F)	1.71 to 2.05 kΩ
1 - 2	25°C (77°F)	1.38 to 1.64 kΩ
1 - 2	30°C (86°F)	1.11 to 1.32 kΩ

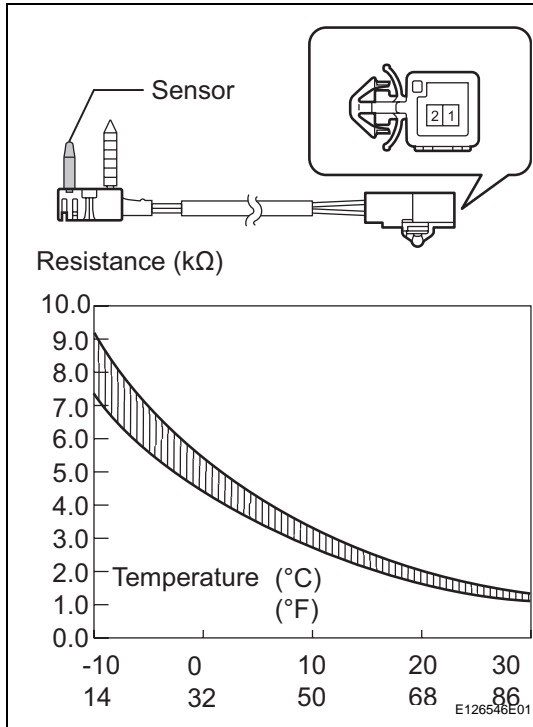
NOTICE:

- Even slightly touching the sensor may change the resistance value. Be sure to hold the connector of the sensor.
- When measuring, the sensor temperature must be almost the same as the ambient temperature.

HINT:

As the temperature increases, the resistance decreases (see the graph).

If the result is not as specified, replace the sensor.



INSTALLATION

1. **INSTALL EVAPORATOR TEMPERATURE SENSOR**
(See page [AC-193](#))
2. **INSTALL AIR CONDITIONING UNIT**
 - (a) Install the air conditioning unit (see page [AC-197](#)).