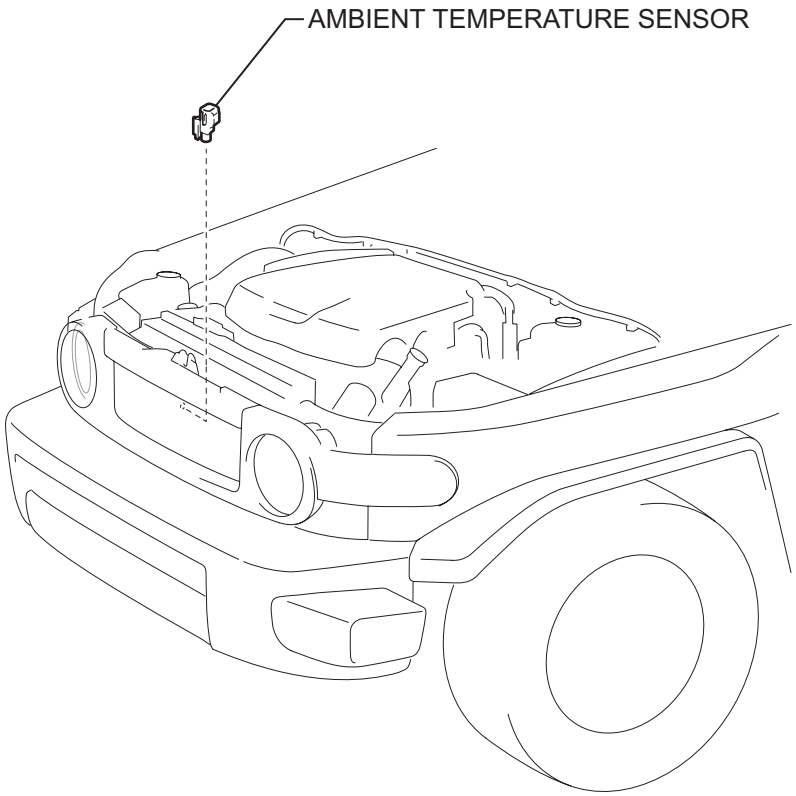
# AMBIENT TEMPERATURE SENSOR

## COMPONENTS



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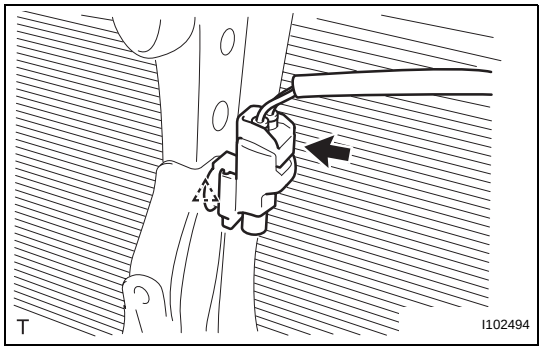
# REMOVAL

**1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

**2. REMOVE AMBIENT TEMPERATURE SENSOR**

(a) Disconnect the connector.

(b) Disengage the clamp and remove the ambient temperature sensor.

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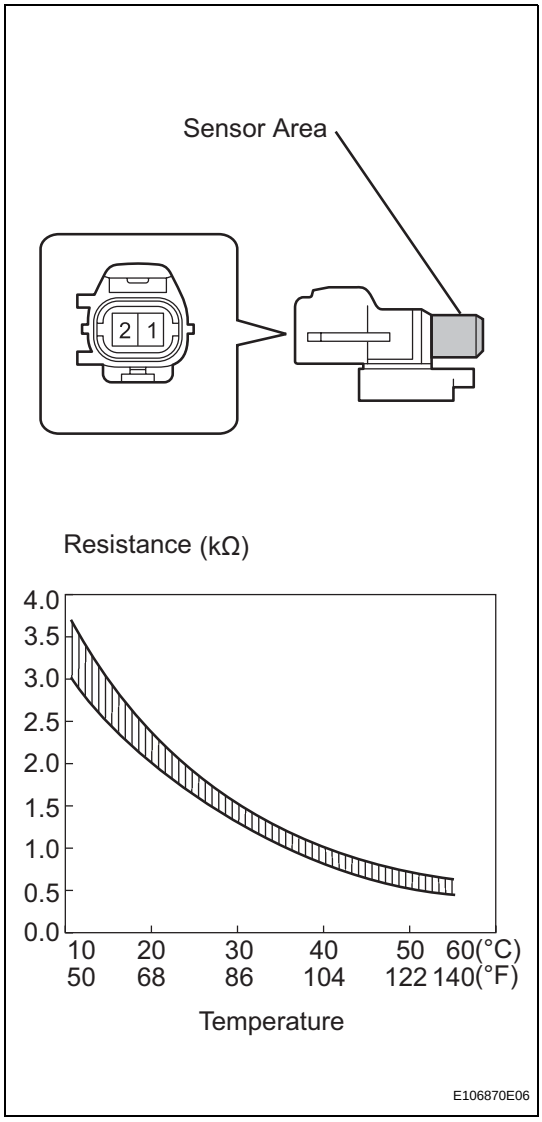
# INSPECTION

**1. INSPECT AMBIENT TEMPERATURE SENSOR**

(a) Measure the resistance.

**Standard resistance**

| Tester Connection | Condition | Specified Condition |
|---|---|---|
| 1 - 2 | 10°C (50°F) | 3.00 to 3.73 kΩ |
| 1 - 2 | 15°C (59°F) | 2.45 to 2.88 kΩ |
| 1 - 2 | 20°C (68°F) | 1.95 to 2.30 kΩ |
| 1 - 2 | 25°C (77°F) | 1.60 to 1.80 kΩ |
| 1 - 2 | 30°C (86°F) | 1.28 to 1.47 kΩ |
| 1 - 2 | 35°C (95°F) | 1.00 to 1.22 kΩ |
| 1 - 2 | 40°C (104°F) | 0.80 to 1.00 kΩ |
| 1 - 2 | 45°C (113°F) | 0.65 to 0.85 kΩ |
| 1 - 2 | 50°C (122°F) | 0.50 to 0.70 kΩ |
| 1 - 2 | 55°C (131°F) | 0.44 to 0.60 kΩ |
| 1 - 2 | 60°C (140°F) | 0.36 to 0.50 kΩ |




**NOTICE:**

- **Touching the sensor even slightly may change the resistance value. Hold the connector of the sensor.**
- **When measuring the resistance, the temperature of the sensor and the ambient temperature sensor must be the same.**

HINT:

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