

Component Procedures: Evaporator Temperature Sensor / Switch

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Component Procedures: Evaporator Temperature Sensor / Switch

Parts and Labor (itype_189)

Parts

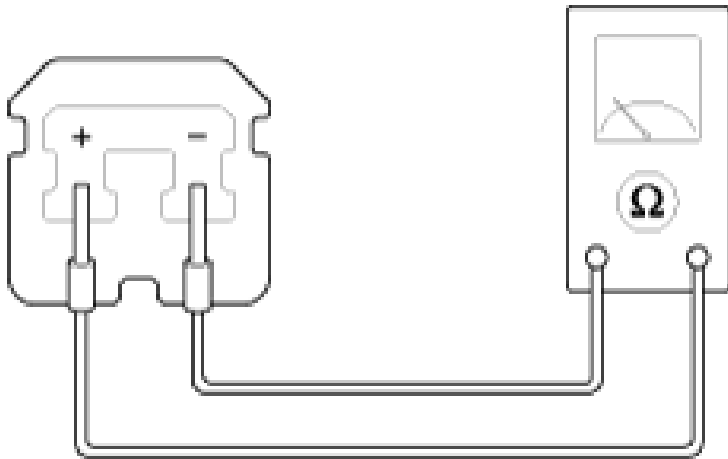
Qualifier	Part #	Name	Price	Note
Switches & Sensors	976143X000	Thermister Probe	39.94	

Evaporator Temperature Sensor - Description and Operation (Article 44825)

- Description

Evaporator Temperature Sensor - Repair Procedures (Article 44826)

- Inspection
 - Turn the ignition switch OFF.
 - Disconnect the evaporator temperature sensor connector.
 - Measure the resistance between terminal "+" and "-" of the evaporator temperature sensor . Specification
- | | | |
|---------------------------------------|-----------------|-------------|
| Evaporator core temperature [°C (°F)] | Resistance [KΩ] | Voltage [V] |
| -10 (14) | 43.35 | 2.96 |
| 0 (32) | 27.62 | 2.4 |
| 10 (50) | 18.07 | 1.88 |
| 20 (68) | 12.11 | 1.44 |
| 30 (86) | 8.30 | 1.08 |
| 40 (104) | 5.81 | 0.81 |
1. Sensor Ground 2. Evaporator sensor (+)



Specification

Evaporator core temperature [°C (°F)] Resistance [KΩ] Voltage [V]

-10 (14) 43.35 2.96

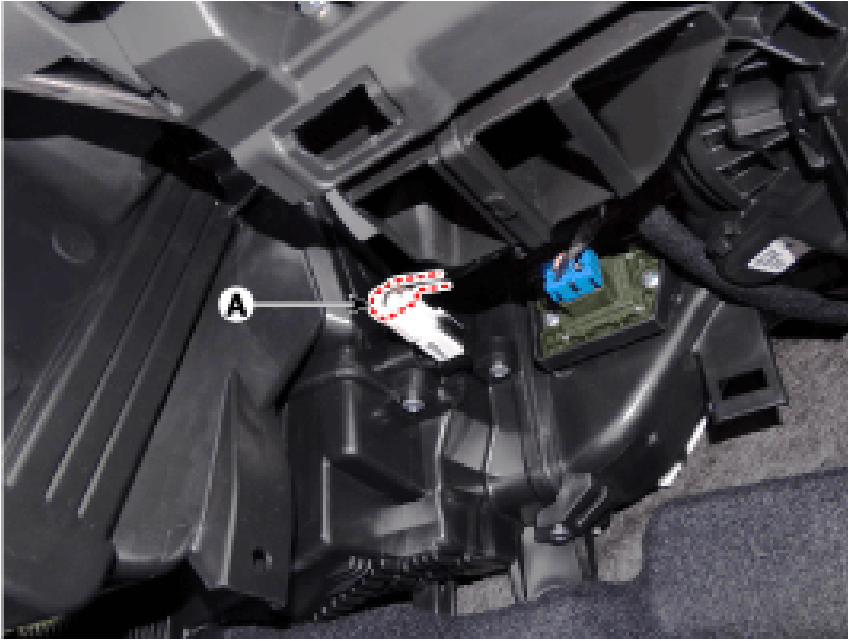
0 (32) 27.62 2.4

10 (50) 18.07 1.88

20 (68) 12.11 1.44

30 (86) 8.30 1.08

40 (104) 5.81 0.81



- Remove the evaporator temperature sensor (A) by pulling it out after rotating it 90° in a counterclockwise direction.



- To install, reverse the removal procedure.