

# Troubleshooting

## Flowchart — Evaporator Temperature Sensor

The evaporator temperature sensor is a temperature dependent resistor (thermistor). The resistance of the thermistor decreases as the evaporator outlet air temperature increases. Use a digital multimeter (KS-AHM-32-003) to check it.

No cool air from blower.

Disconnect the 2P connector from the evaporator temperature sensor.

Measure resistance between the No. ① and No. ② terminals.

\*Is the resistance within the range shown on the chart

NO

Replace the evaporator temperature sensor.

YES

Turn the ignition switch ON.

Measure voltage between the BRN wire terminal (+) and body ground (-).

Is there approx. 4–6 V?

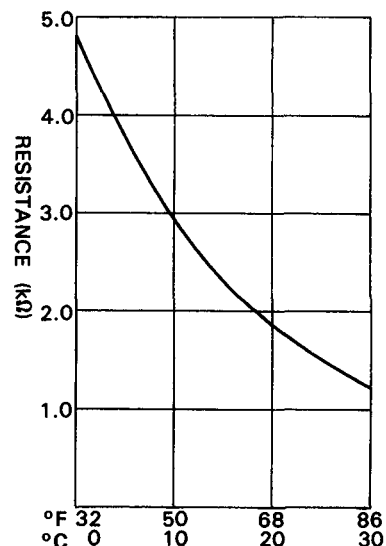
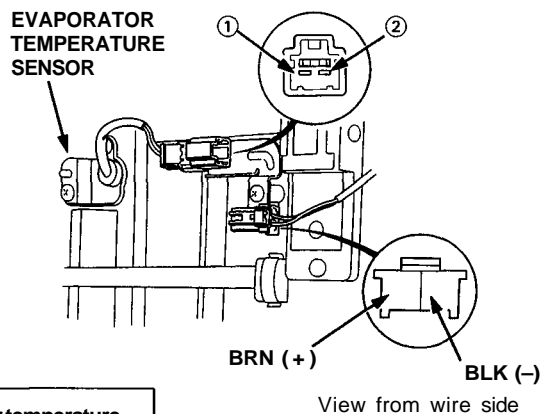
NO

Repair open circuit or short circuit to body ground in the BRN wire between the heater control panel and the evaporator temperature sensor. If the wire is OK, substitute a known – good heater control panel and retest.

YES

Measure voltage between the BRN wire terminal (+) and the BLK wire terminal (-).

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**CAUTION:** The sensor uses a thermistor which can be damaged if a high current is applied to it during testing. Therefore, use a circuit tester that puts out a measuring current of 1 mA or less. (At the 20 kΩ range.)

