

In-car Temperature Sensor

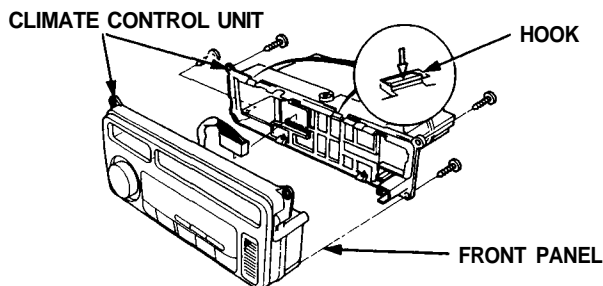
Removal

The in-car temperature sensor assembly includes a small fan (aspirator fan) to draw air past the sensor.

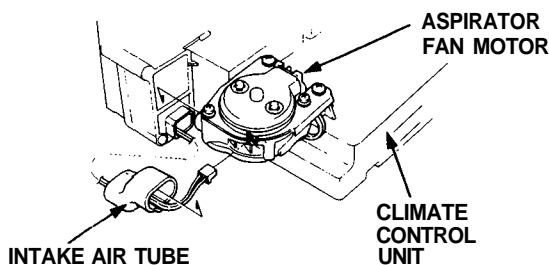
CAUTION:

- All SRS wiring harnesses are covered with yellow outer insulation.
- Before disconnecting any part of the SRS wire harness, install the short connectors (see section 23).
- Replace the entire affected SRS harness assembly if it has an open circuit or damaged wiring.

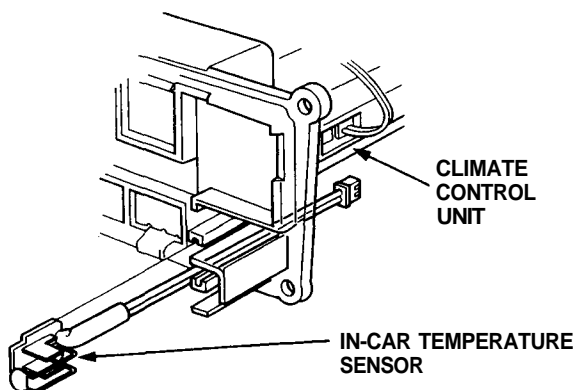
1. Remove the climate control unit. (see page 22-6).
2. Remove the front panel of climate control unit.



3. Disconnect the in-car temperature sensor connector from the side of the climate control unit.
4. Remove the intake air tube.



5. Release the holder claws, then pull the sensor out.



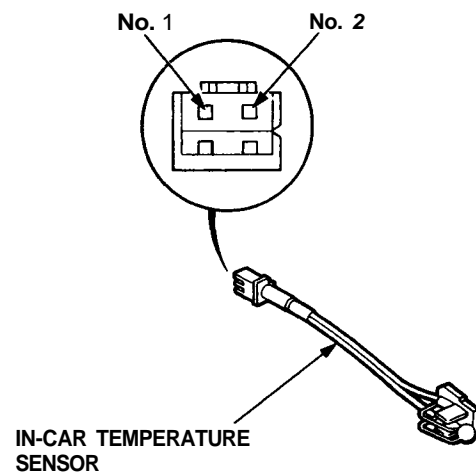
Test

NOTE: It is not necessary to remove the sensor from the climate control unit to test it.

Compare the resistance reading between the No. 1 and No. 2 terminals of the in-car temperature sensor with specifications shown in the following graph: It should be within specifications.

NOTE: Dip the sensor in ice water and measure the resistance. Then pour hot water on the sensor and check for change in resistance.

CAUTION: The sensor uses a thermistor which can be damaged if 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)



Resistance at 68°F (20°C): approx. 2 kΩ.

