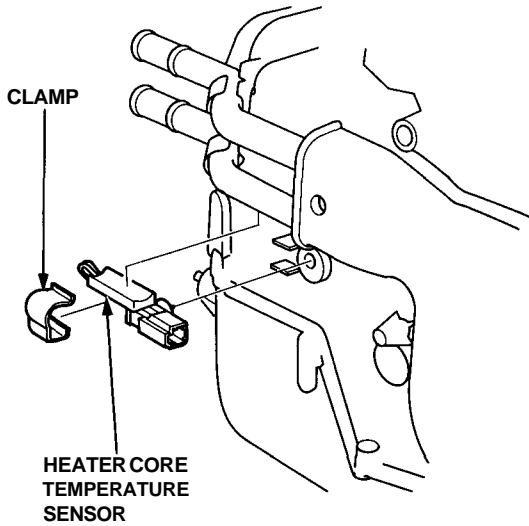# Heater Core Temperature Sensor

Removal
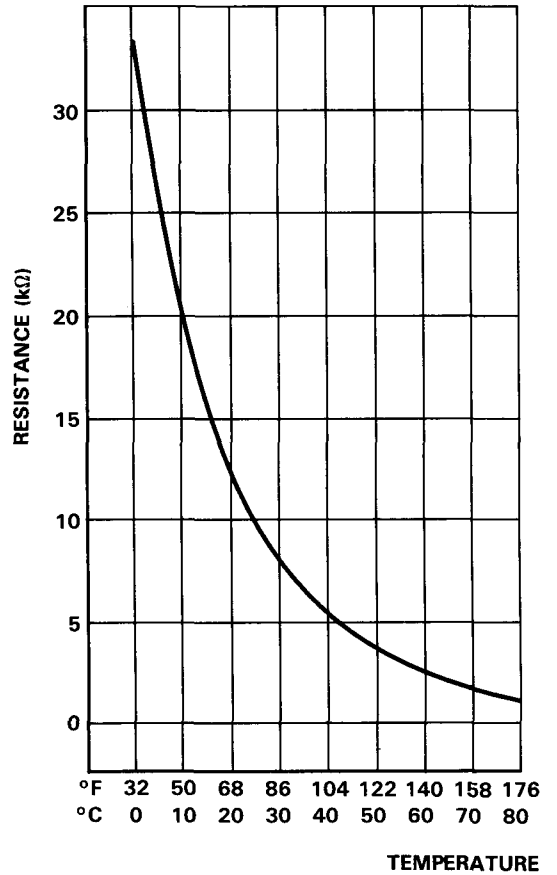
Disconnect the connector, remove the clamp and the heater core temperature sensor.

CLAMP

HEATER CORE TEMPERATURE SENSOR

Test

Compare the resistance reading between the terminals of the heater core temperature sensor with specifications shown in the following graph: It should be within specification.

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

RESISTANCE (kΩ)

| °F | 32 | 50 | 68 | 86 | 104 | 122 | 140 | 158 | 176 |
| °C | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |

TEMPERATURE

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.