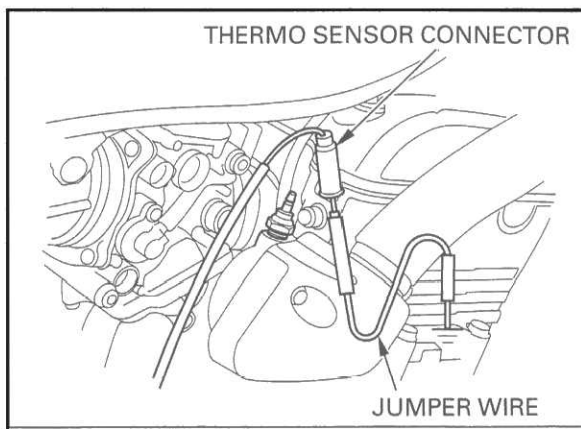


# COOLANT TEMPERATURE GAUGE/SENSOR

## INSPECTION

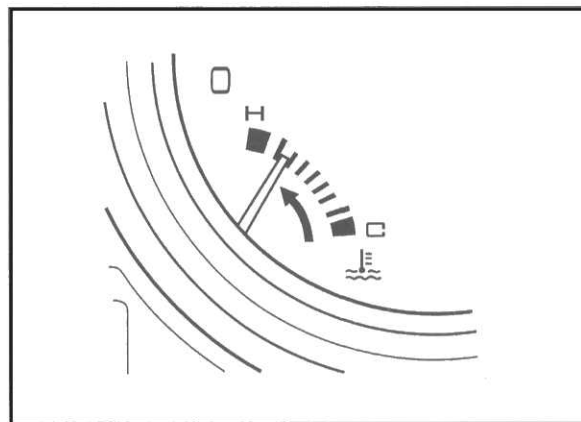
Disconnect the thermo sensor wire connector from the sensor.

Ground the thermo sensor wire with a jumper wire.



Turn the ignition switch ON and check the coolant temperature gauge.

Disconnect the thermo sensor wire connector from the ground immediately if the gauge needle moves fully to H.



**CAUTION:**

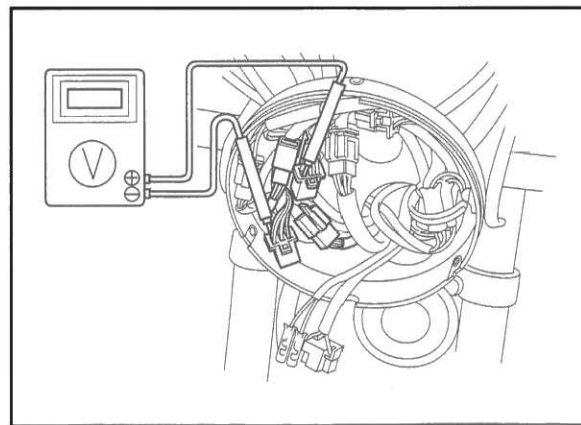
***Immediately disconnect the sensor wire connector from the ground when the needle moves to H (hot) to prevent damage to the gauge.***

If the needle moves, check the thermo sensor unit.

If the needle does not move, check for voltage between the sensor wire connector and ground.

If the voltage is measured, the coolant temperature gauge unit is faulty.

If there is no voltage, check for voltage between the Black/Brown and Green/Blue wire terminals.



If there is no voltage between the terminal, coolant temperature gauge unit is faulty.

If a voltage is measured, check the wire harness.

## THERMO SENSOR UNIT INSPECTION

**▲WARNING**

- ***Wear insulated gloves and adequate eye protection.***
- ***Keep flammable materials away from the electric heating element.***

Drain the coolant (page 6-4).

Disconnect the wire connector from the coolant temperature sensor and remove the sensor.

Suspend the thermo sensor in a pan of coolant (50–50 mixture) an electric heating element and measure the resistance through the sensor as the coolant heats up.

