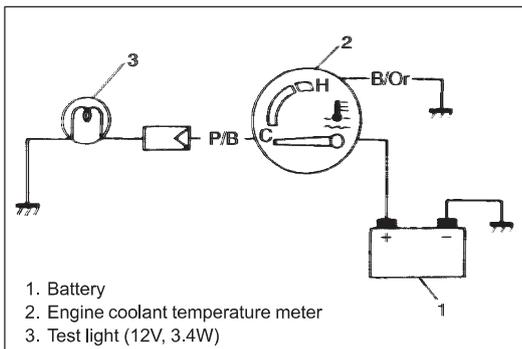
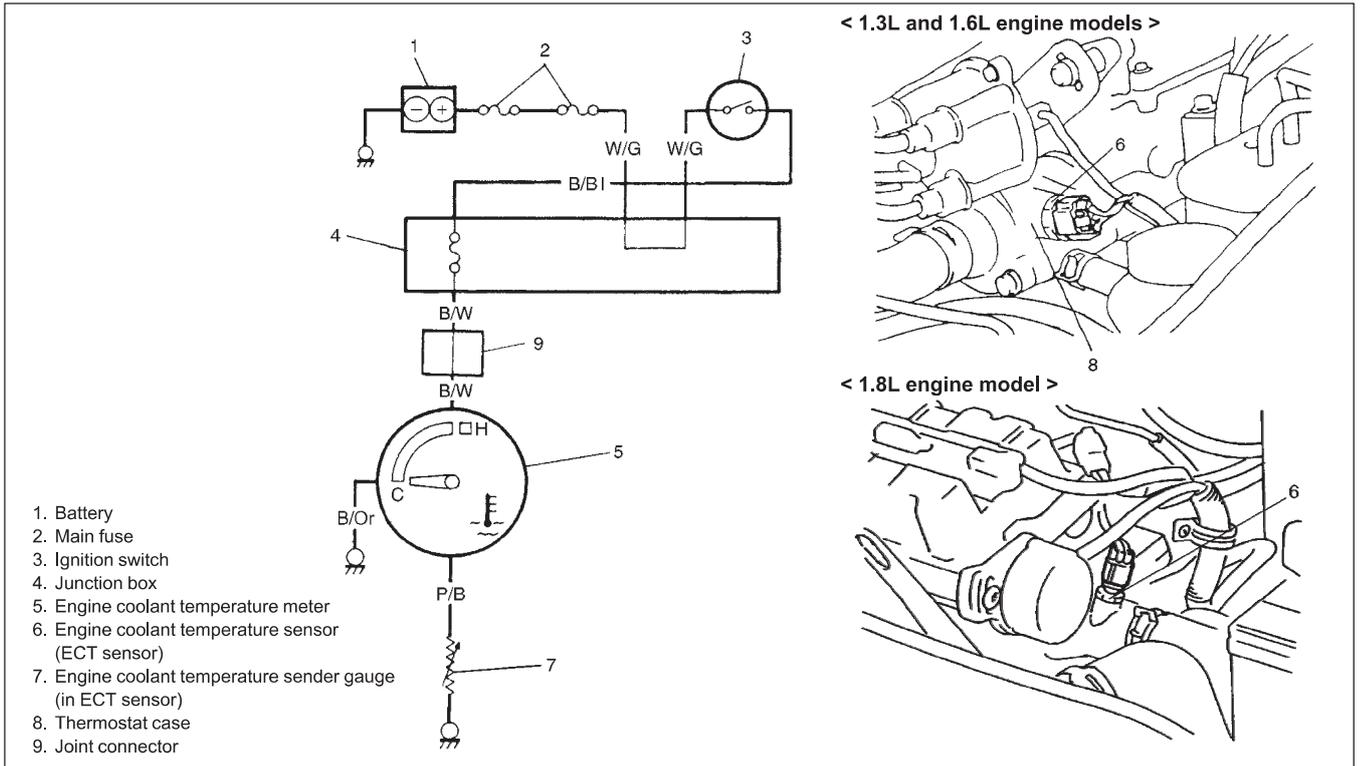


ENGINE COOLANT TEMPERATURE METER AND SENDER GAUGE

DESCRIPTION OF CIRCUIT

The engine coolant temperature meter is located in the instrument panel and its sender gauge on the inlet manifold. The circuit is as shown below.

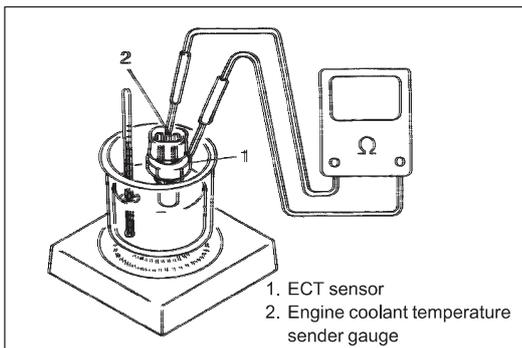
The sender gauge shows different resistance values depending on the coolant temperature. This causes a current flowing through the temperature meter coil to change, controlling the meter pointer. That is, when the coolant temperature rises, the sender gauge resistance is decreased with more current flowing through the meter coil, thus allowing the meter pointer to move away from the "C" position.



INSPECTION

ENGINE COOLANT TEMPERATURE METER

- 1) Disconnect "P/B" lead wire going to sender gauge installed at the water outlet cap.
- 2) Use a bulb (12V 3.4W) in position to ground wire as illustrated.
- 3) Turn main switch ON. Confirm that bulb is lighted with meter pointer fluctuating several seconds thereafter. If meter is faulty, replace.



SENDER GAUGE (IN ECT SENSOR)

Warm up sender gauge. Thus make sure its resistance is decreased with increase of its temperature.

Temperature	Resistance
50 °C (122 °F)	190 – 260 Ω
80 °C (176 °F)	55 – 65 Ω
100 °C (212 °F)	25 – 35 Ω