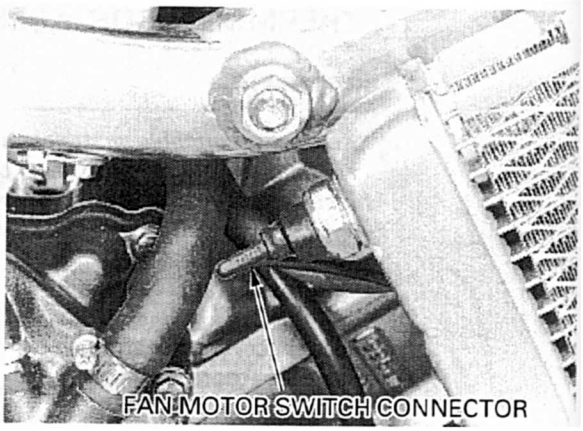
COOLING FAN MOTOR SWITCH

INSPECTION



Fan motor does not stop
Turn the ignition switch OFF, disconnect the connector from the fan motor switch and turn the ignition switch ON again.

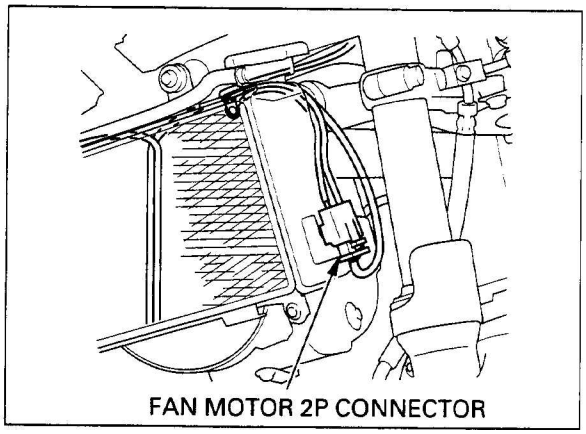
If the fan motor does not stop, check for short circuit between the fan motor and switch.
If the fan motor stops, replace the fan motor switch.

Fan motor does not start
Before testing, check for a blown fan motor fuse.
Warm up the engine to operating temperature.

Disconnect the connector from the fan motor switch and ground the connector with a jumper wire.
Turn the ignition switch ON and check the fan motor.

If the motor starts, check the connection at the fan motor switch terminal. If it is OK, replace the fan motor switch.

If the fan motor does not start, measure the voltage between the black/blue (+) and green (−) wire terminal at the fan motor 2P (black) connector.
There should be battery voltage.
If there is battery voltage, replace the fan motor.
If there is no voltage, check for open circuit in black /blue and green wires.



REMOVAL/INSTALLATION

Drain the coolant (page 6-5).

Disconnect the fan motor switch connector and remove the switch.

Install a new O-ring onto the fan motor switch.
Install and tighten the fan motor switch.

TORQUE: 18 N·m (1.8 kgf·m , 13 lbf·ft)

Connect the fan motor switch connector.

Fill and bleed the cooling system (page 6-5).