

Fan Thermosensor

Testing

The cooling fan motor is actuated by a thermosensor located in the right tank of the radiator. Run the engine until the coolant temperature reaches 88.5–91.5° (191–197°F). The fan motor should start running.

The fan motor should stop when the coolant temperature drops to 82–88°C (180–190°F).

If the fan motor does not start:

1. Disconnect the black and the blue wire leads from the cooling fan thermosensor and short the wires together.
 2. Turn the ignition switch on.
 3. The cooling fan motor should start running.
- If the motor runs, replace the cooling fan thermosensor and re-test.
 - If the motor does not run, check for battery voltage from the blue wire lead (positive) to the black wire lead (negative) of the cooling fan motor.
 - If voltage is not available, check for a blown or faulty fuse, loose terminals and connectors, and open circuit.
 - If voltage is available, check for faulty cooling fan motor.

