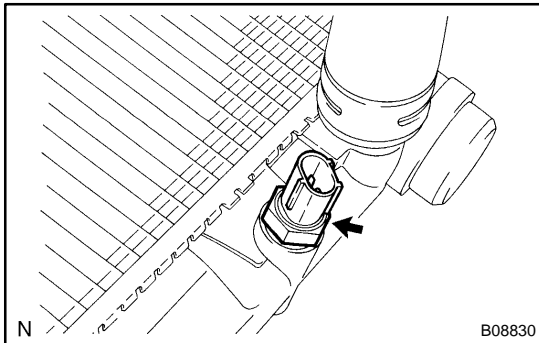


ELECTRIC COOLING FAN ON-VEHICLE INSPECTION

1. CHECK COOLING FAN OPERATION WITH LOW TEMPERATURE (Below 83°C (181°F))

- Turn the ignition switch ON.
- Check that the cooling fan stops.

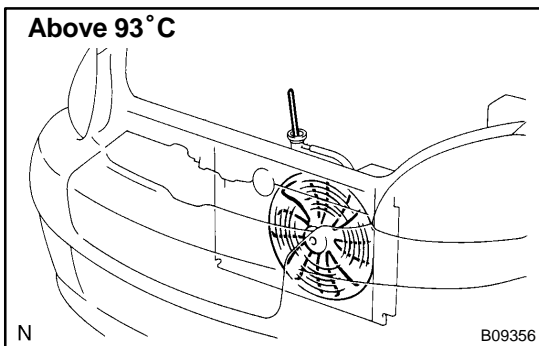
If not, check the cooling fan relay and ECT switch, and check for a separated connector or severed wire between the cooling fan relay and ECT switch.



- Disconnect the ECT switch connector.
- Check that the cooling fan rotates.

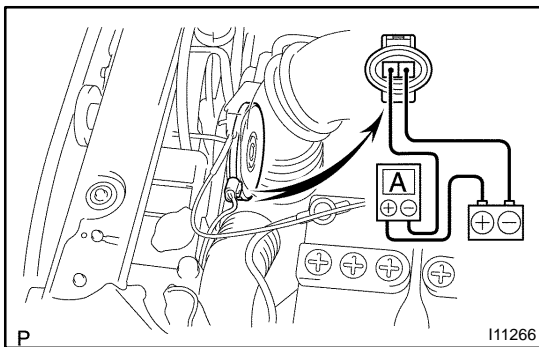
If not, check the fan main relay, cooling fan relay, cooling fan, fuses, and check for short circuit between the cooling fan relay and ECT switch.

- Reconnect the ECT switch connector.



2. CHECK COOLING FAN OPERATION WITH HIGH TEMPERATURE (Above 93°C (199°F))

- Start the engine, and raise coolant temperature to above 93°C (199°F).
 - Check that the cooling fan rotates.
- If not, replace the ECT switch.



3. INSPECT COOLING FANS

- Disconnect the cooling fan connector.
- Connect battery and ammeter to the connector.
- Check that the cooling fan rotates smoothly, and check the reading on the ammeter.

Standard amperage: 7.8 - 11.8 A

- Reconnect the cooling fan connector.

4. INSPECT FAN REGISTER

(See page AC-74)