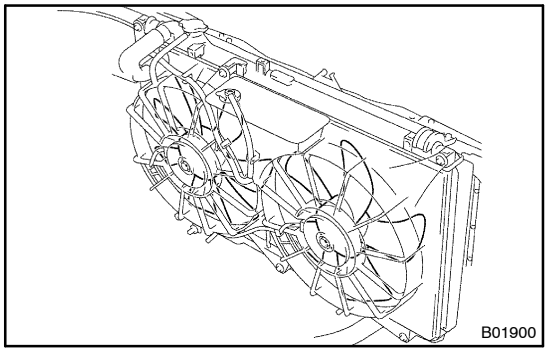


ELECTRIC COOLING FAN

CO0AD–02

ON–VEHICLE INSPECTION

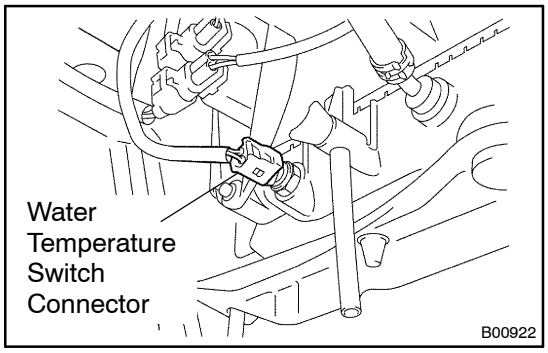
1. CHECK COOLING FAN OPERATION WITH LOW TEMPERATURE (Below 83˚C (181˚F))

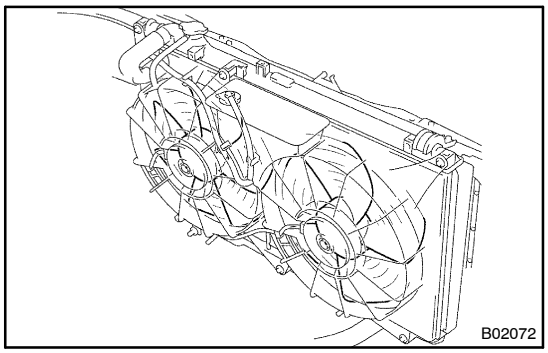
(a) Turn the ignition switch ON.

(b) Check that the cooling fan stops.

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

(c) Disconnect the water temperature switch connector.





(d) Check that the cooling fan rotates.

If not, check the fuses, radiator fan main relay, cooling fan relay, cooling fan, and check for a short circuit between the cooling fan relay and water temperature switch.

(e) Reconnect the water temperature switch connector.

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

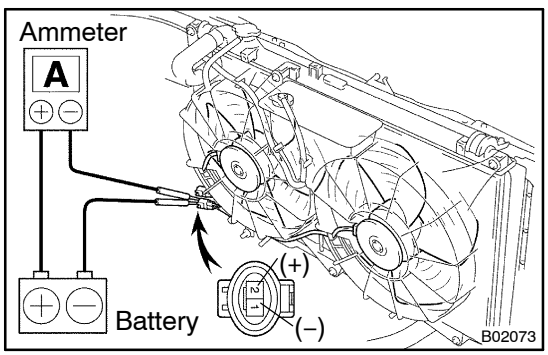
(a) Start the engine, and raise coolant temperature to above 93˚C (199˚F).

HINT:

Coolant temperature is the detected value by the water temperature switch on the radiator lower tank.

(b) Check that the cooling fan rotates.

If not, replace the water temperature switch.



3. INSPECT COOLING FANS

(a) Disconnect the cooling fan connector.

(b) Connect battery and ammeter to the cooling fan connector.

(c) Check that the cooling fan rotates smoothly, and check the reading on the ammeter.

Standard amperage: 8.5 – 11.5 A at 20˚C (68˚F)

(d) Reconnect the cooling fan connector.