



ELECTRIC COOLING FAN ON-VEHICLE INSPECTION

COOYN-01

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 ECT switch, and check for a separated connector or severed wire between the cooling fan relay and ECT switch.

- (c) Disconnect the ECT switch connector.
- (d) Check that the cooling fan rotates.

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

- (e) Reconnect the ECT switch connector.

2. CHECK COOLING FAN OPERATION WITH HIGH TEMPERATURE (Above 94°C (201°F))

- (a) Start the engine, and raise coolant temperature to above 94°C (201°F).

HINT:

Coolant temperature is the detected value by the water temperature sensor on the water inlet.

- (b) Check that the cooling fan rotates.

If not, replace the water temperature sensor.