

ELECTRIC COOLING FAN ON-VEHICLE INSPECTION

1. INSPECT ELECTRIC COOLING FAN OPERATION

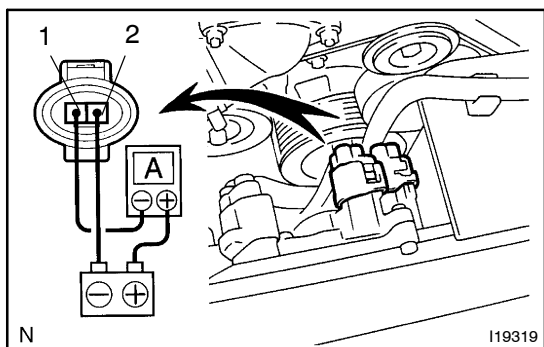
Inspect the fan operation, as shown in the chart below.

Test conditions:

- Engine coolant temperature "Below 82 °C (180 °F)"

Condition	Fan operation (Fan speed)
Stop engine. IG on	Not Rotate
Idle speed. A/C switch: OFF	Not Rotate
Idle speed A/C switch: ON	Rotate (Low Speed)
Idle speed Disconnect water temperature connector.	Rotate (High Speed)

If operation is not as specified, proceed next inspection.

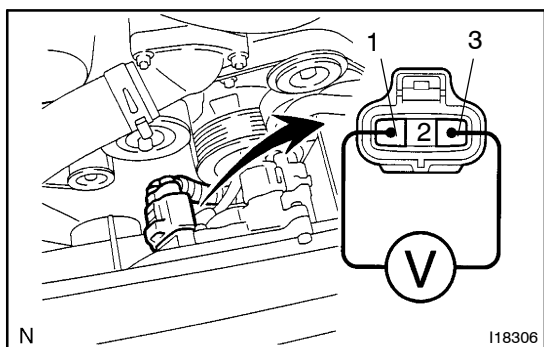


2. INSPECT ELECTRIC COOLING FAN MOTOR OPERATION

- Remove air inlet duct.
- Disconnect the 2 connector.
- Connect battery and ammeter.
- Check that the fan rotates smoothly, and then check the reading on the ammeter.

Specified amount: 9.2 – 11.0 A at 20 °C (68 °F)

If operation is not as specified, replace the fan motor.



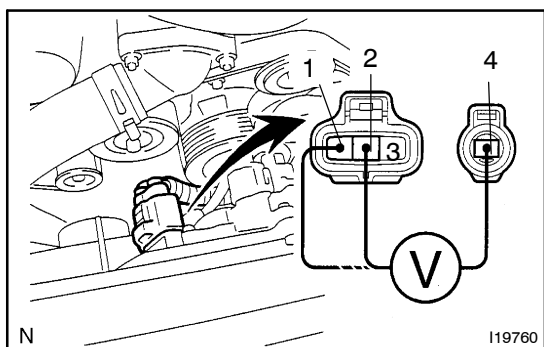
3. 100 W models: INSPECT COOLING FAN COMPUTER WIRE HARNESS

- Remove air inlet duct.
- Disconnect the 2 connector.
- Inspect the connector on wire harness side.
- Measure voltage between terminals 1 and 3.

Voltage: 9 – 14 V

If operation is not as specified, check the fuse, relay and wire harness.

If operation is as specified, replace the cooling fan computer.



4. 200 W model:
INSPECT COOLING FAN COMPUTER WIRE HAR-
NESS

- (a) Remove air inlet duct.
- (b) Disconnect the connector.
- (c) Inspect the connector on wire harness side, as shown in the chart below.

Tester connection	Condition	Specified condition
1 – 4	IG. ON	9 – 14 V
2 – 4	IG. ON	9 – 14 V

If operation is not as specified, check the fuse, relay and wire harness.

If operation is as specified, replace the cooling fan computer.