

# CONDENSER FAN

## ON-VEHICLE INSPECTION

AC3D7-01

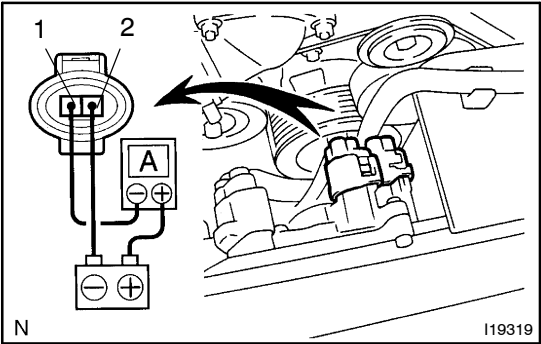
### 1. INSPECT CONDENSER FAN OPERATION

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.

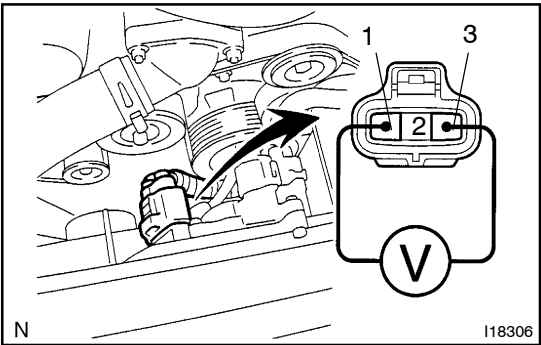


### 2. INSPECT CONDENSER FAN MOTOR OPERATION

- (a) Remove air inlet duct.
- (b) Disconnect the 2 connector.
- (c) Connect battery and ammeter.
- (d) 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:

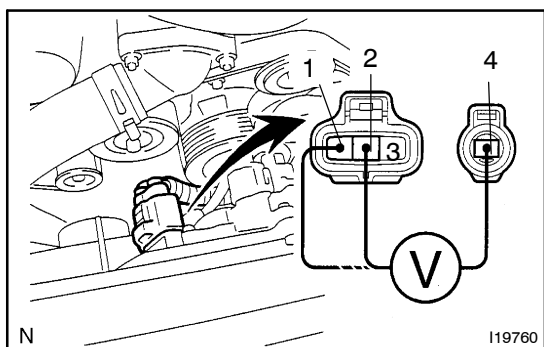
#### INSPECT COOLING FAN COMPUTER WIRE HARNESS

- (a) Remove air inlet duct.
- (b) Disconnect the 2 connector.
- (c) Inspect the connector on wire harness side.
- (d) 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.