

CONDENSER FAN ON-VEHICLE INSPECTION

AC1F9-02

1. INSPECT CONDENSER FAN OPERATION

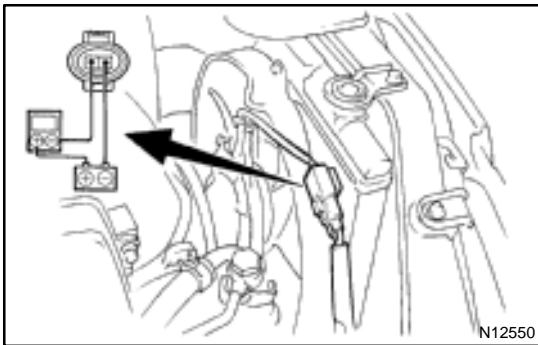
Inspect the fan operation at these conditiyions, as shown in the chart.

Test conditions:

- Start engine
- Blower speed control switch position "HI"
- Temperature control dial at "COOL" position
- Set on manifold gauge set
- A/C switch ON

Condition	Fan operation (Fan speed)
Engine coolant temperature 181 °C (83 °F) or below	Rotate (Low speed)
Engine coolant temperature 98 °C (208 °F) or above	Rotate (High speed)
Refrigerant pressure is less than 1,520 kPa (15.5 kgf/cm ² , 220 psi)	Rotate (Low speed)
Refrigerant pressure is 1,520 kPa (15.5 kgf/cm ² , 220 psi) or above	Rotate (High speed)

If operation is not as specified, proceed to the next inspection.



2. INSPECT CONDENSER FAN MOTOR OPERATION

- (a) Disconnect the connector.
- (b) Connect battery and ammeter.
- (c) Check that the fan rotates smoothly, and then check the reading on the ammeter.

Specified amperage: 10.1 – 1.8 A at 20 °C (68 °F)

- If operation is not as specified, replace the fan motor.
- If operation is as specified, check the pressure switch, cooling fan relays and engine coolant temp. switch.