CONDENSER FAN

AC2J8–01

ON–VEHICLE INSPECTION

1. INSPECT CONDENSER FAN OPERATION

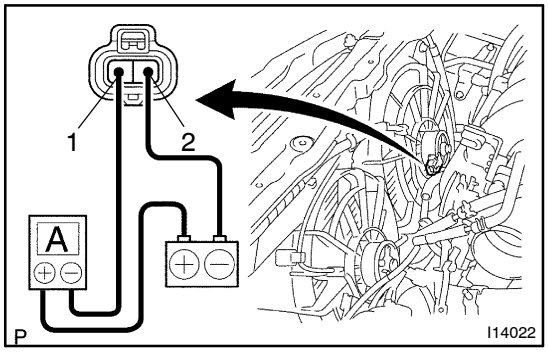
Inspect the fan operation at these condiyions, as shown in the chart.

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 88 °C (190 °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: 9.2 – 11.0 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.