

CONDENSER FAN ON-VEHICLE INSPECTION

AC0Y2-01

1. INSPECT CONDENSER FAN OPERATION

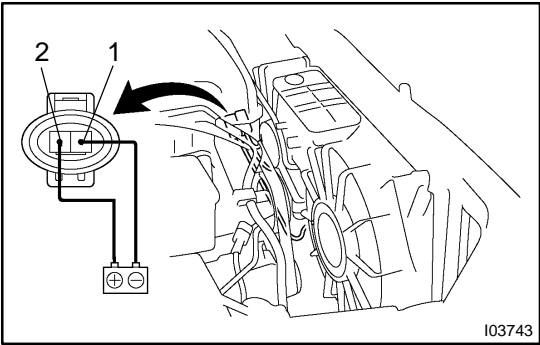
Inspect the fan operation, as shown in the chart below.

Test conditions:

- Ignition switch ON
- Blower speed control switch position "HI"
- Temperature control dial at "MAX. COOL"
- Install manifold gauge set"
- A/C switch ON

Condition	Fan operation (Fan speed)
Engine coolant temperature 91°C (196 °F) or below	Rotate (Low speed)
Engine coolant temperature 100°C (212 °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

- Disconnect the fan connector.
- Connect the positive (+) lead from the battery to terminal 2 and negative (-) lead to terminal 1 then check that motor operations smoothly.

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.