

## CONDENSER FAN ON-VEHICLE INSPECTION

AC173-01

### 1. INSPECT CONDENSER FAN OPERATION

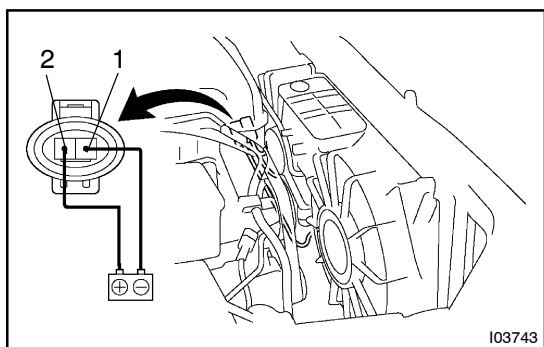
Inspect the fan operation, as shown in the chart below.

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 <sup>2</sup> , 220 psi)	Rotate (Low speed)
Refrigerant pressure is 1,520 kPa (15.5 kgf·cm <sup>2</sup> , 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 fan connector.
- (b) 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.