

# CONDENSER FAN (Dual A/C) ON-VEHICLE INSPECTION

AC1U9-01

## 1. INSPECT CONDENSER FAN OPERATION

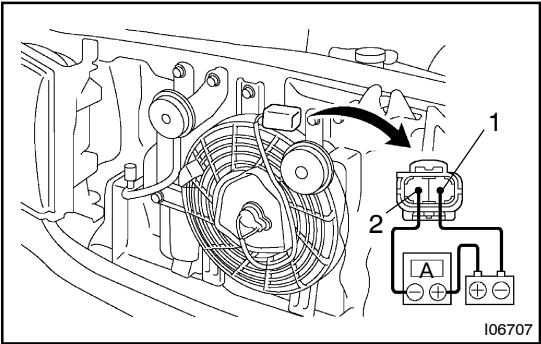
Inspect the fan operation in these conditions, as shown in the chart below.

Test conditions:

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

| Condition                                                                        | Fan operation |
|----------------------------------------------------------------------------------|---------------|
| Refrigerant pressure is less than 1,520 kPa (15.5 kgf/cm <sup>2</sup> , 220 psi) | Not rotate    |
| Refrigerant pressure is 1,520 kPa (15.5 kgf/cm <sup>2</sup> , 220 psi) or above  | Rotate        |

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



## 2. INSPECT CONDENSER FAN MOTOR OPERATION

- Disconnect the fan connector.
- Connect battery and ammeter to the fan connector, as shown in the illustration.
- Check that the fan rotates smoothly and check the reading on the ammeter.

**Specified amperage: 6.7 ± 0.7 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, condenser fan relay.