

CONDENSER FAN ON-VEHICLE INSPECTION

AC1LZ-03

1. INSPECT CONDENSER FAN OPERATION

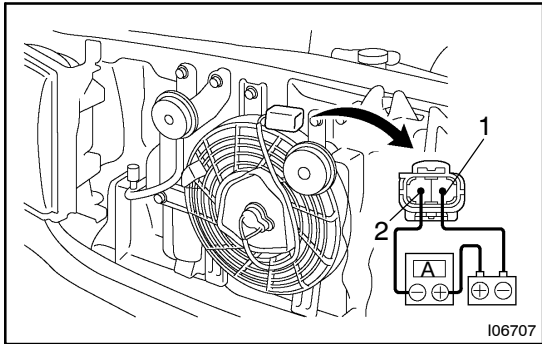
Inspect the fan operation in these conditions, as shown in the chart below.

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 ² , 220 psi)	Not rotate
Refrigerant pressure is 1,520 kPa (15.5 kgf·cm ² , 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.