

CONDENSER FAN ON-VEHICLE INSPECTION

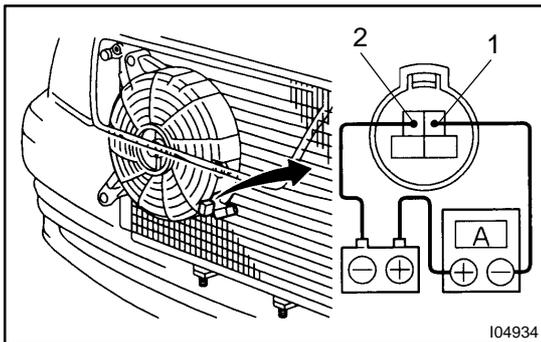
AC0PB-01

1. INSPECT CONDENSER FAN OPERATION

Check the fan operation at each temperature and refrigerant pressure, as shown in the chart below.

Engine coolant and refrigerant condition	A/C switch	Magnetic clutch	Fan motor speed
83 °C (181 °F) or below	OFF or ON	OFF	OFF
90 °C (194 °F) or above	OFF or ON	OFF or ON	High
83 °C (181 °F) or below and the refrigerant pressure is approx. 1,520 kPa (15.5 kg/cm ² , 220 psi) or above	ON	ON	Low

If operation is not as specified, proceed next inspection.



2. INSPECT FAN MOTOR OPERATION

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

Specified amperage: 4.2 – 4.4 A

If operation is not as specified, replace the fan motor.

If operation is as specified, check the fan relay, pressure switch and pressure switch.