

EXPANSION VALVE ON-VEHICLE INSPECTION

1. INSPECT REFRIGERANT VOLUME

See page [AC-13](#).

2. INSTALL MANIFOLD GAUGE SET

See page [AC-14](#).

3. TURN FRONT A/C SWITCH ON AND BLOWER SWITCH TO HI POSITION

4. RUN ENGINE AT APPROX. 2,000 RPM FOR AT LEAST FIVE MINUTES

5. INSPECT EXPANSION VALVE

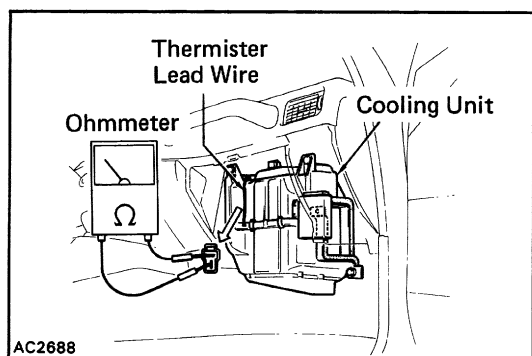
If the expansion valve is clogged, the low pressure reading will drop to 0 N-m (0 kgf-cm, 0 ft-lbf), otherwise it is OK.

REMOVAL OF EXPANSION VALVE

See Disassembly of Front Cooling Unit on page [AC-27](#).

INSTALLATION OF EXPANSION VALVE

See Assembly of Front Cooling Unit on page [AC-28](#).



THERMISTOR ON-VEHICLE INSPECTION

1. DISCONNECT NEGATIVE BATTERY CABLE

2. REMOVE GLOVE BOX

3. CHECK RESISTANCE OF THERMISTOR

Measure the resistance between terminals.

Standard resistance: 1,500 Ω at 25°C (77°F)

If resistance value is not as specified, replace the thermistor.

REMOVAL OF THERMISTOR

See Disassembly of Cooling Unit on page [AC-27](#).