PRESSURE SWITCH

(See page AC-39)

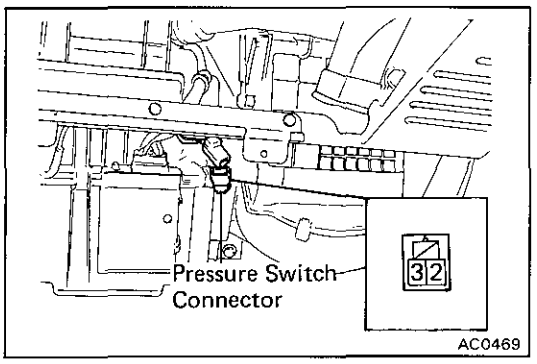
INSPECTION OF PRESSURE SWITCH

1. **CHECK REFRIGERANT PRESSURE**

   (a) Connect the hoses of the manifold gauge set to the compressor service valves and observe the gauge reading.

   (b) The gauge reading must be more than 2.1 kg/cm^2 (30 psi, 206 kPa) when the ambient temperature is higher than 0°C (32°F).

   If the pressure is less than 2.1 kg/cm^2 (30 psi, 206 kPa), charge the refrigerant.



2. **CHECK PRESSURE SWITCH**

   (a) Remove the glove box.

   (b) Disconnect the lead wires of the A/C harness.

   (c) Using an ohmmeter, check the continuity between the two terminals of the pressure switch.

   The ohmmeter must indicate zero ohms.

   If there is no continuity, replace the pressure switch.

   (See page AC-39)

3. **REINSTALL REMOVED PARTS IN REVERSE ORDER**

REFRIGERANT LINES

ON-VEHICLE INSPECTION

1. **INSPECT HOSES AND TUBES FOR LEAKAGE**

   Use a gas leak tester. Replace, if necessary.

2. **CHECK THAT HOSE AND TUBE CLAMPS ARE NOT LOOSE**

   Tighten or replace, as necessary.

REPLACEMENT OF REFRIGERANT LINES

(See page AC-4, 5)

1. **DISCHARGE REFRIGERATION SYSTEM**
   (See page AC-19)

2. **REPLACE FAULTY TUBE OR HOSE**

   NOTE: Cap the open fittings immediately to keep moisture out of the system.

   Torque specification for O-ring fittings

Fitting size	Torque
0.31 in. tube for liquid line	135 kg-cm (10 ft-lb, 13 N·m)
0.50 in. tube for discharge line	225 kg-cm (16 ft-lb, 22 N·m)
0.62 in. tube for suction line	325 kg-cm (24 ft-lb, 32 N·m)

3. **EVACUATE, CHARGE AND TEST REFRIGERATION SYSTEM** **(See page AC-19)**