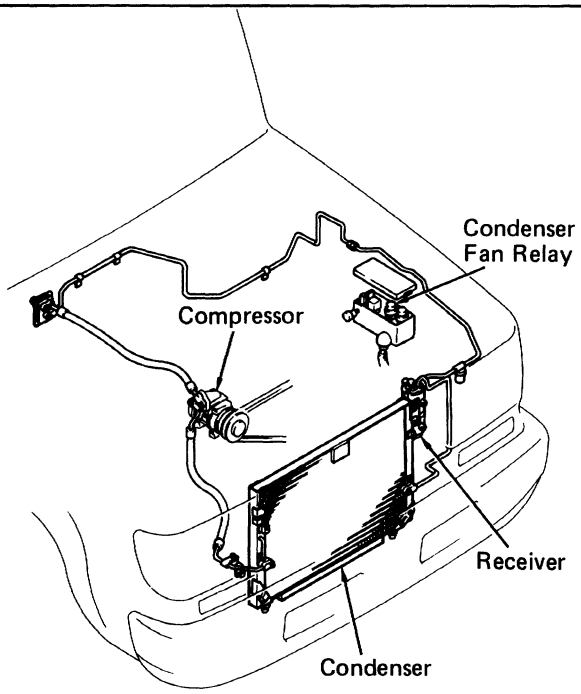
REFRIGERATION LINES TIGHTENING



AC2665

Specified Torque: N·m (kgf·cm, ft·lbf)

0.31 in. Tube		14 (140, 10)
0.50 in. Tube		23 (230, 17)
0.62 in. Tube		32 (330, 24)
Bolted Type	For Compressor	25 (250, 18)
	For Condenser	13 (130, 9)
	For Receiver	5.4 (55, 48 in.·lbf)

ON–VEHICLE INSPECTION

1. INSPECT HOSE AND TUBE CONNECTIONS FOR LOOSENESS

2. INSPECT HOSES AND TUBES FOR LEAKAGE

Using a gas leak tester, check for leakage of refrigerant.

REPLACEMENT OF REFRIGERANT LINES

1. DISCHARGE REFRIGERANT IN REFRIGERATION SYSTEM

See page AC–10.

2. REPLACE FAULTY TUBE OR HOSE

HINT: Cap the open fittings immediately to keep moisture or dirt out of the system.

3. TORQUE CONNECTIONS TO SPECIFIED TORQUE

NOTICE: Connections should not be torqued tighter than the specified torque.

4. EVACUATE AIR IN REFRIGERATION SYSTEM AND CHARGE WITH REFRIGERANT

Specified amount: 900 ± 50 g (31.74 ± 1.76 oz)

5. INSPECT FOR LEAKAGE OF REFRIGERANT

Using a gas leak tester, check for leakage of refrigerant.

6. INSPECT AIR CONDITIONER OPERATION

COMPRESSOR

ON–VEHICLE INSPECTION

(Magnetic Clutch)

INSPECT MAGNETIC CLUTCH FOR FOLLOWING

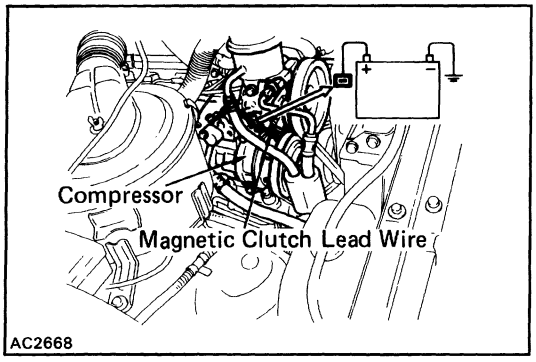
(a) Inspect the pressure plate and the rotor for signs of oil.

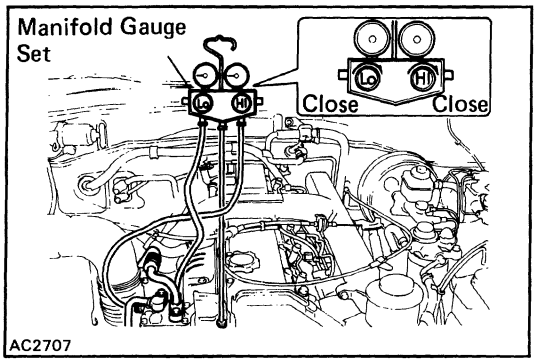
(b) Check the clutch bearings for noise and grease leakage.

(e) Connect the positive (+) lead from the battery to the terminal on the magnetic clutch connector and the negative (–) lead to the body ground.

(d) Check that the magnetic clutch is energized.

If the magnetic clutch is not energized, replace the magnetic clutch.





(Compressor)

1. INSTALL MANIFOLD GAUGE SET

See page AC–14

2. RUN ENGINE AT APPROX. 2,000 RPM

3. INSPECT COMPRESSOR FOR FOLLOWING

(a) High pressure gauge reading is not lower and low pressure gauge reading is not higher than normal.

(b) Check that the metallic sound.

(e) Check that the leakage from shaft seal.

If defects are found, replace the compressor.