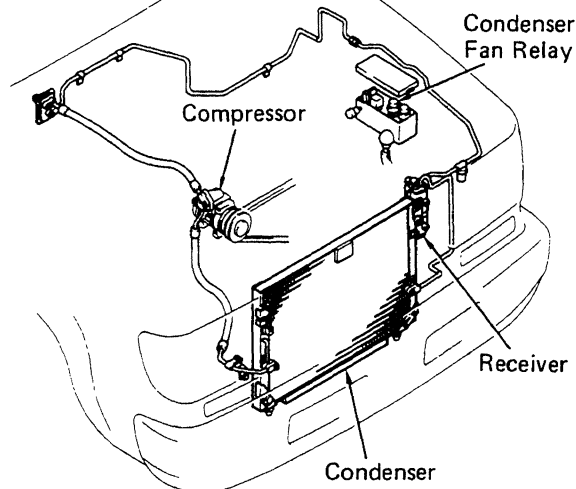


REFRIGERATION LINES TIGHTENING



Specified Torque: kg-cm (ft-lb, N·m)

0.31 in. Tube		140 (10,14)
0.50 in. Tube		230 (17,23)
0.62 in. Tube		330 (24,32)
Bolted Type	For Compressor	250 (18,25)
	For Condenser	130 (9,13)
	For Receiver	55 (4,5)

AC2665

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

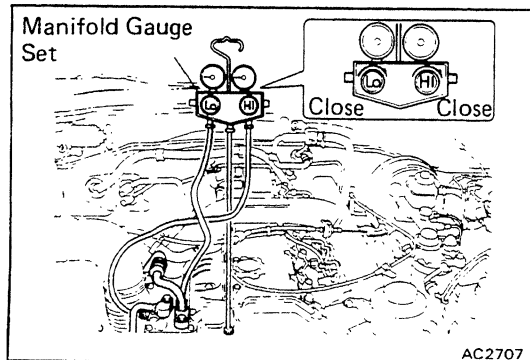
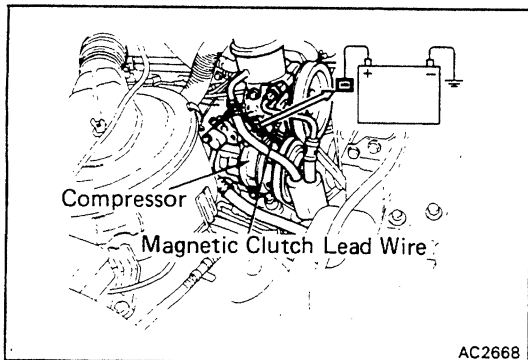
1. **DISCHARGE REFRIGERANT IN REFRIGERATION SYSTEM**
See page [AC-10](#).
2. **REPLACE FAULTY TUBE OR HOSE**
HINT: Cap the open fittings immediately to keep moisture or dirt out of the system.
3. **TORQUE CONNECTIONS TO SPECIFIED TORQUE**
NOTICE: Connections should not be torqued tighter than the specified torque.

4. **EVACUATE AIR IN REFRIGERATION SYSTEM AND CHARGE WITH REFRIGERANT**
Specified amount: 900 f 50 g (31.74 i 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.
- (c) 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.
 - (c) Check that the leakage from shaft seal.

If defects are found, replace the compressor.