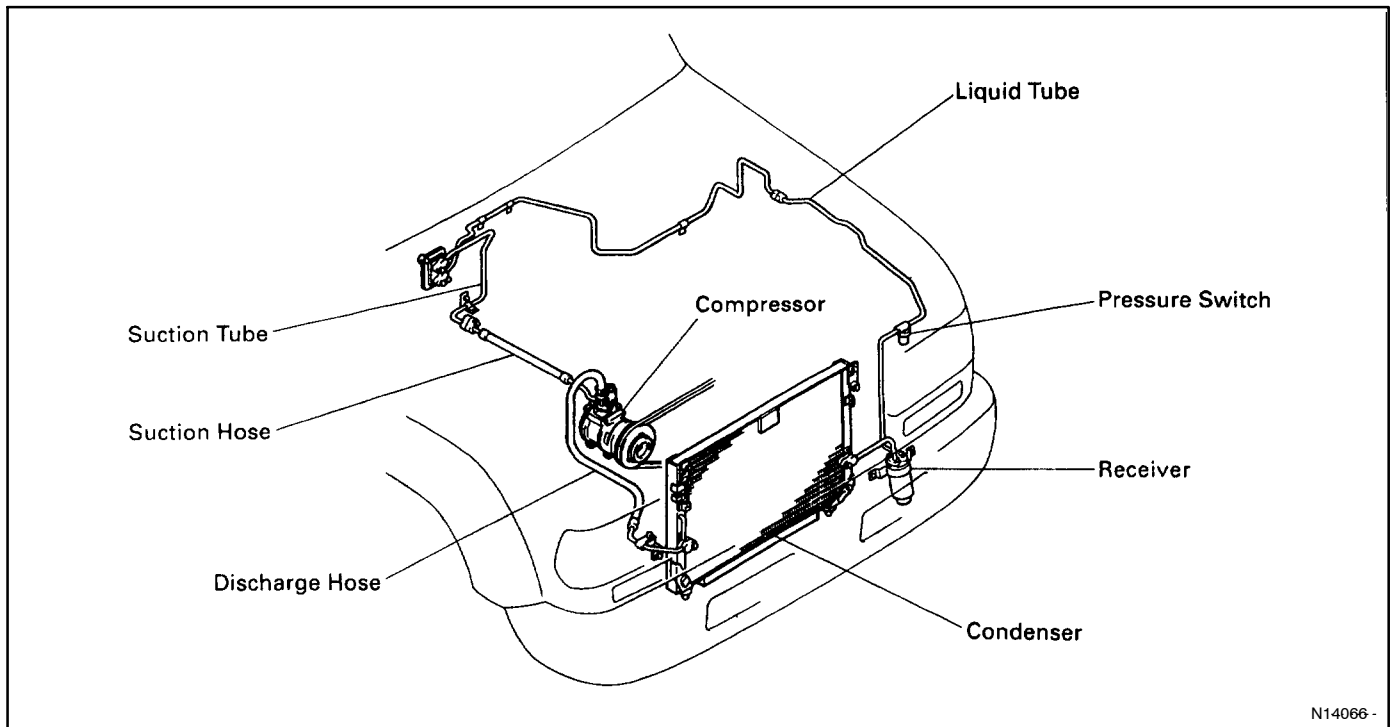


REFRIGERANT LINES

TIGHTENING TORQUE OF REFRIGERATION LINES



ON-VEHICLE INSPECTION

1. **INSPECTION HOSE AND TUBE CONNECTIONS FOR LOOSENESS**
2. **INSPECT HOSES AND TUBES FOR LEAKAGE**
Using a gas leak tester, check for leakage of refrigerant.

REFRIGERANT LINES REPLACEMENT

1. DISCHARGE REFRIGERANT IN REFRIGERATION SYSTEM

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.

Compressor X Discharge hose

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

Compressor X Suction hose

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

Condenser X Discharge hose

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

Condenser X Liquid tube

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

Pressure switch X Liquid tube

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

A/C unit X Liquid tube

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

Expansion valve X Evaporator

Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)

A/C unit X Suction tube

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

Liquid line (union nut)

Torque: 14 N·m (140 kgf·cm, 10 ft·lbf)

Suction line (bolt)

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

4. EVACUATE AIR IN REFRIGERATION SYSTEM AND CHARGE WITH REFRIGERANT

Specified amount:

850 ± 50 g (29.98 ± 1.76 oz.)

5. INSPECT FOR LEAKAGE OF REFRIGERANT

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

6. INSPECT AIR CONDITIONER OPERATION