

Evaporator

INSPECTION OF EVAPORATOR

1. CHECK EVAPORATOR FINS FOR BLOCKAGE

If the fins are clogged, clean them with compressed air.

NOTICE: Never use water to clean the evaporator.

2. CHECK FITTINGS FOR CRACKS OR SCRATCHES

Repair as necessary. –

ASSEMBLY OF COOLING UNIT –

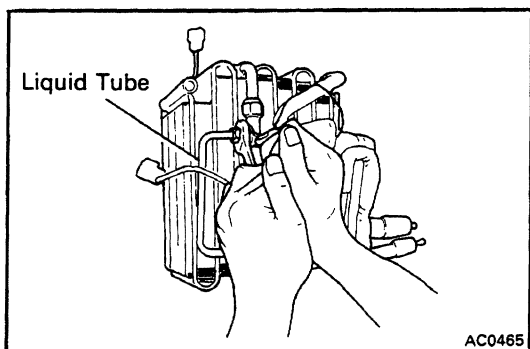
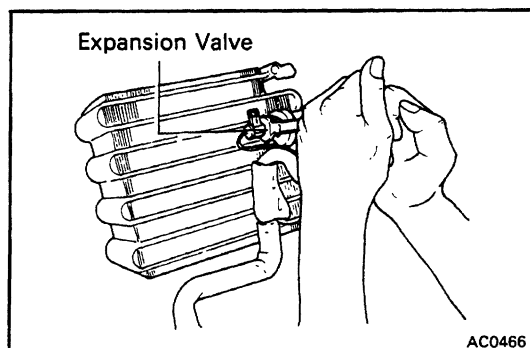
(See pages AC-24)

1. INSTALL COMPONENTS ON EVAPORATOR

(a) Connect the expansion valve to the inlet fitting of the evaporator. Torque the nut.

Torque: 235 kg-cm (17 ft-lb, 23 N-m)

HINT: Be sure that the O-ring is positioned on the tube fitting.



(b) Connect the liquid tube to the inlet fitting of the expansion valve. Torque the nut.

Torque: 135 kg-cm (10 ft-lb, 13 N-m)

(c) Install the pressure switch if removed.

Torque: 135 kg-cm (10 ft-lb, 13 N-m)

(d) Install the heat insulator.

2. INSTALL THERMISTOR ON EVAPORATOR

3. INSTALL UPPER AND LOWER CASES ON EVAPORATOR

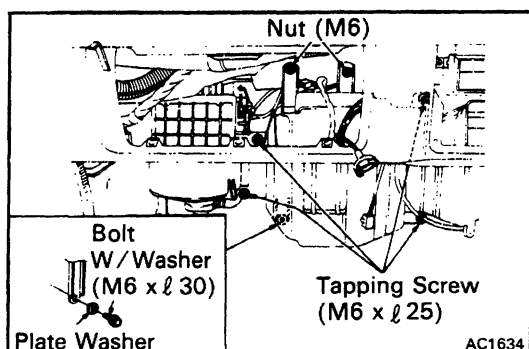
INSTALLATION OF COOLING UNIT

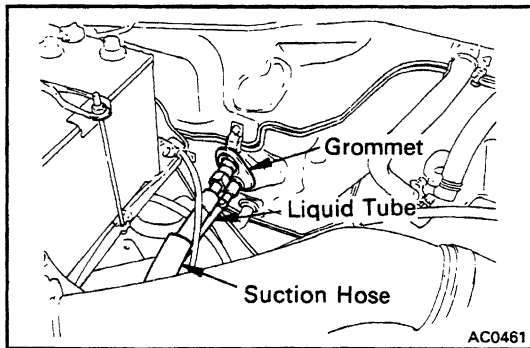
1. INSTALL A/C WIRE HARNESS TO COOLING UNIT

2. INSTALL COOLING UNIT

Install the cooling unit with the two nuts, four screws and one bolt.

NOTICE: Be careful not to pinch the wire harness while installing the cooling unit.





3. INSTALL GLOVE BOX AND DUCT
4. INSTALL GROMMETS ON INLET AND OUTLET FITTINGS
5. CONNECT LIQUID TUBE TO COOLING UNIT INLET FITTINGS
Torque: 135 kg-cm (10 ft-lb, 13 N-m)
6. CONNECT SUCTION HOSE TO COOLING UNIT OUTLET FITTING
Torque: 325 kg-cm (24 ft-lb, 32 N-m)
7. IF EVAPORATOR WAS REPLACED, ADD COMPRESSOR OIL TO COMPRESSOR
Add 40– 50 cc (1.4–1.7 oz)
Compressor oil: DENSOIL 6,
SUNISO No. 5GS or equivalent
8. CONNECT NEGATIVE CABLE TO BATTERY
9. EVACUATE AIR FROM AIR CONDITIONING SYSTEM
10. CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT AND CHECK FOR GAS LEAKAGE
Specified amount: 800 – 900 g (1.8 – 2.0 lb)

REFRIGERANT LINES

(See page [AC-5](#))

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

1. DISCHARGE REFRIGERATION SYSTEM
2. REPLACE FAULTY TUBE OR HOSE
HINT: Cap the open fittings immediately to keep moisture out of the system.
3. TIGHTENING TORQUE FOR O-RING TYPE FITTINGS AND BOLTED TYPE FITTING (See page [AC-5](#))
4. EVACUATE AIR FROM AIR CONDITIONING SYSTEM
5. CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT AND CHECK FOR GAS LEAKAGE
Specified amount: 800 – 900 g (1.8 – 2.0 lb)