

FRONT COOLING UNIT

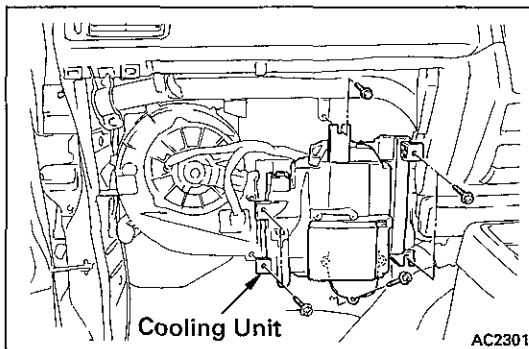
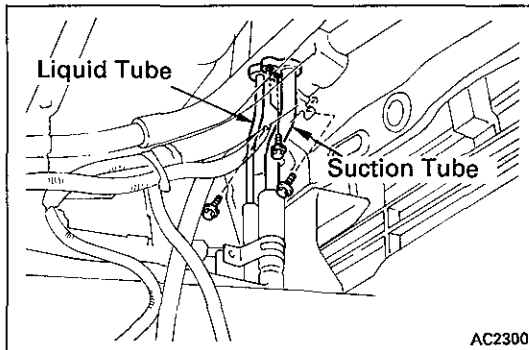
Removal of Cooling Unit

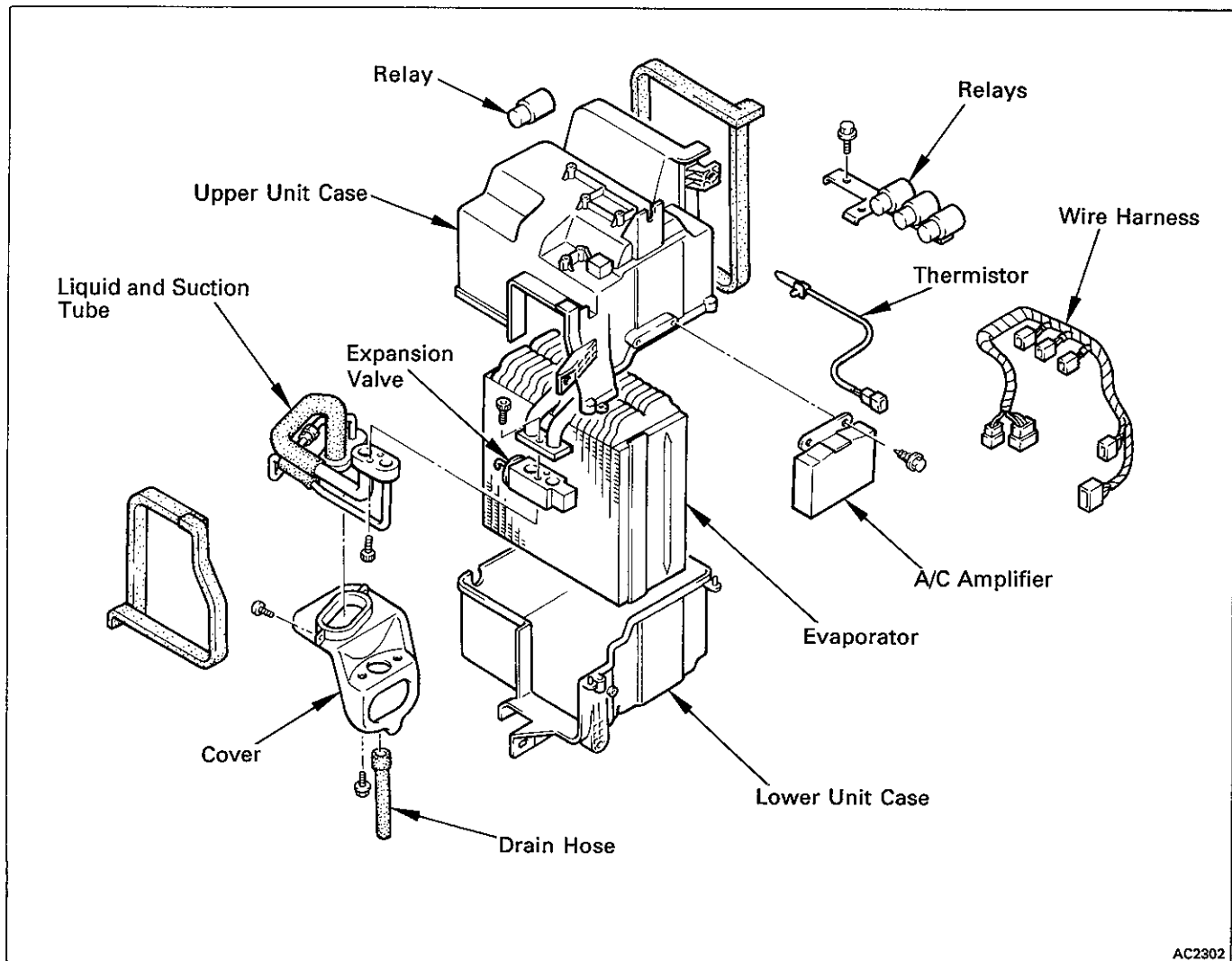
1. DISCONNECT NEGATIVE CABLE FROM BATTERY
2. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM
3. DISCONNECT SUCTION TUBE FROM COOLING UNIT OUTLET FITTING
4. DISCONNECT LIQUID TUBE FROM COOLING UNIT INLET FITTING

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

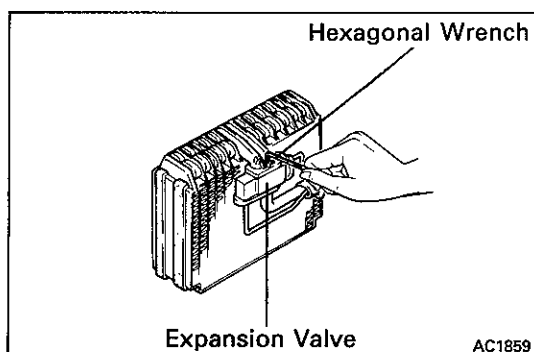
5. REMOVE GLOVE BOX SPEAKER GRILLE, REINFORCEMENT AND COOLER COVER
6. DISCONNECT CONNECTORS
7. REMOVE COOLING UNIT

- (a) Remove two bolt from the back side of the floor pan.
- (b) Remove a bolt and five tapping screws.

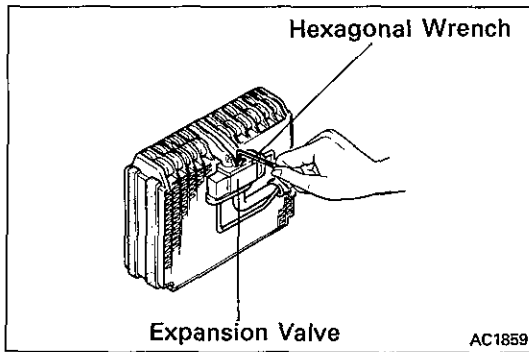


DISASSEMBLY OF COOLING UNIT**1. REMOVE UPPER AND LOWER CASE**

- (a) Remove amplifier.
- (b) Remove relay brackets with relays.
- (c) Remove wire harness.
- (d) Remove three clips and tapping screws.
- (e) Remove upper and lower unit case.

**2. REMOVE EXPANSION VALVE**

Remove the expansion valve from the evaporator.



ASSEMBLY OF COOLING UNIT

INSTALL COMPONENTS ON EVAPORATOR

- (a) Connect the expansion valve, suction and liquid tubes to the evaporator. Torque the bolt.

Torque: 55 kg-cm (47.7 in.-lb, 5.4 N-m)

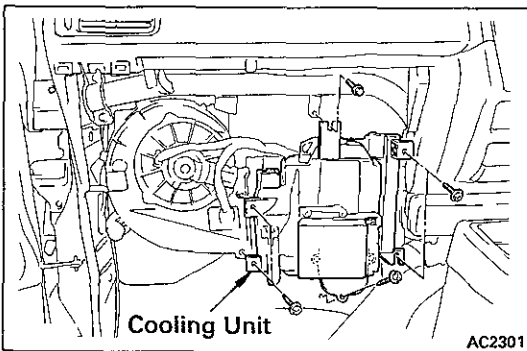
HINT: Be sure that the O-rings are positioned on the tube fitting.

- (b) Install the evaporator to the lower case.
 (c) Install the thermistor to the evaporator.
 (d) Install the upper case.
 (e) Install three clips and tapping screws.
 (f) Install the amplifier.
 (g) Install the relay brackets with relays.
 (h) Install the wire harness.

Installation of Cooling Unit

1. INSTALL COOLING UNIT

- (a) Install the cooling unit with the five tapping screws and a bolt.
 (b) Install the two bolt from the back side of the floor pan.



2. CONNECT CONNECTORS

3. INSTALL REINFORCEMENT, SPEAKER GRILLE AND GLOVE BOX

4. CONNECT LIQUID TUBE TO COOLING UNIT INLET FITTING

Torque the bolt

Torque: 55 kg-cm (48 in.-lb, 5.4 N-m)

5. CONNECT SUCTION TUBE TO COOLING UNIT OUTLET FITTING

Torque the bolt

Torque: 55 kg-cm (48 in.-lb, 5.4 N-m)

6. IF EVAPORATOR WAS REPLACED, ADD COMPRESSOR OIL TO COMPRESSOR

Add 40 – 50 cc (1.4 – 1.7 fl.oz.)

Compressor oil: **DENSOIL 6,**
SUNISO NO.5GS or equivalent

7. CONNECT NEGATIVE CABLE TO BATTERY

8. EVACUATE AIR FROM REFRIGERATION SYSTEM

9. CHARGE SYSTEM WITH REFRIGERANT AND INSPECT FOR LEAKAGE OF REFRIGERANT

Specified amount: Single A/C 850 g (30.0 oz)
 Dual A/C 1,400 g (49.4 oz)

