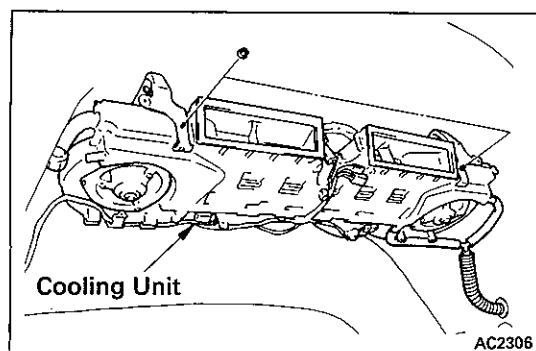
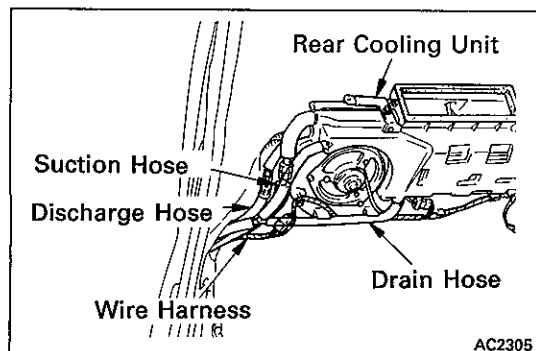
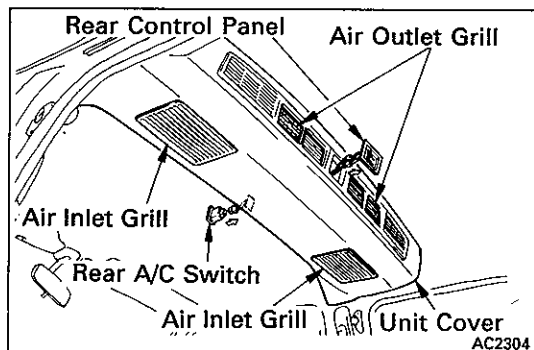


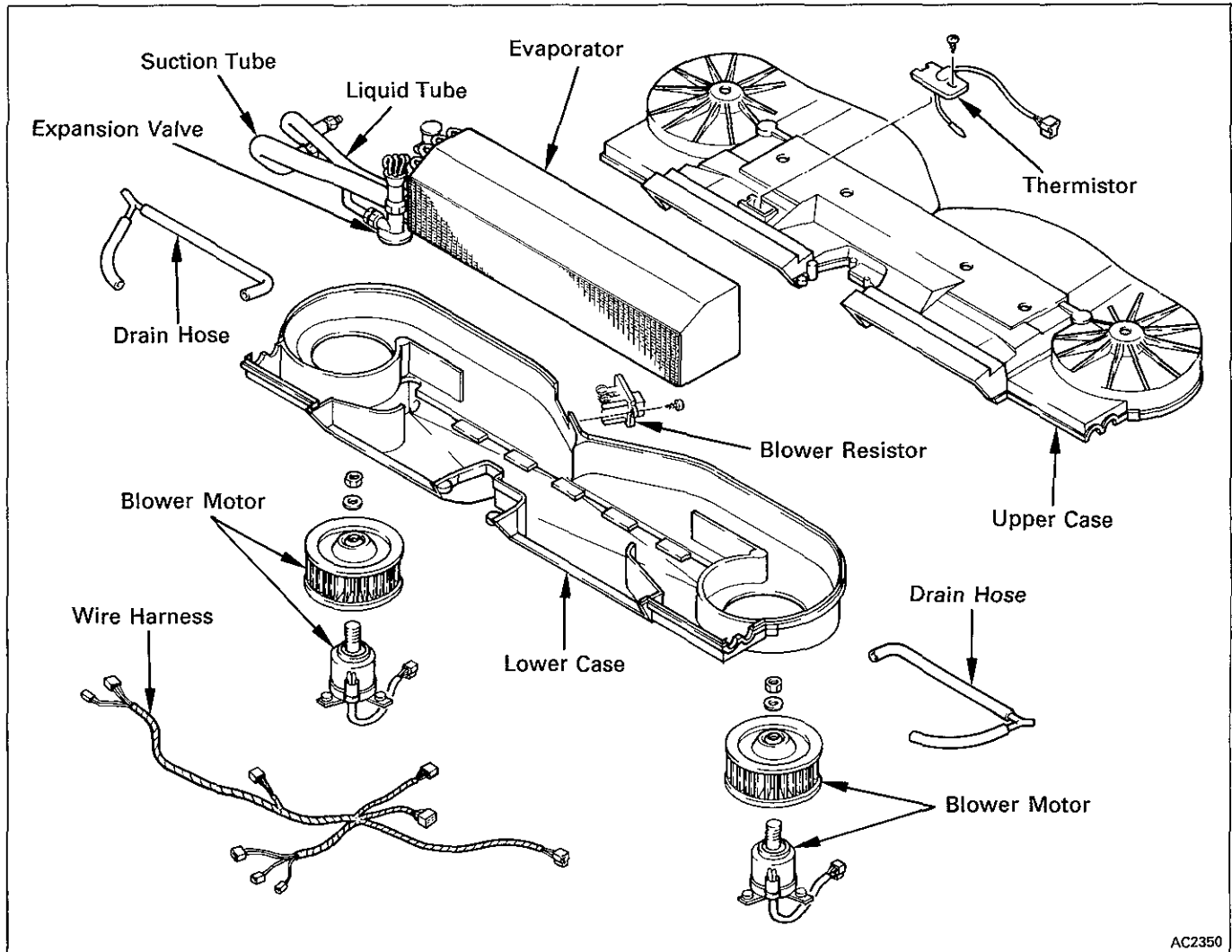
## REAR COOLING UNIT (DUAL A/C)

### REMOVAL OF COOLING UNIT

1. **DISCONNECT NEGATIVE CABLE FROM BATTERY**
2. **DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM**
3. **REMOVE COOLING UNIT COVER**
  - (a) Remove the four grilles, rear control panel and rear A/C switch.
  - (b) Remove the five screws.
4. **DISCONNECT LIQUID LINE TUBE FROM COOLING UNIT INLET FITTING**
5. **DISCONNECT SUCTION TUBE FROM COOLING UNIT OUTLET FITTING**

HINT: Cap the open fittings immediately to keep moisture out of the system.
6. **DISCONNECT CONNECTOR AND DRAIN HOSES FROM COOLING UNIT**
7. **REMOVE COOLING UNIT**

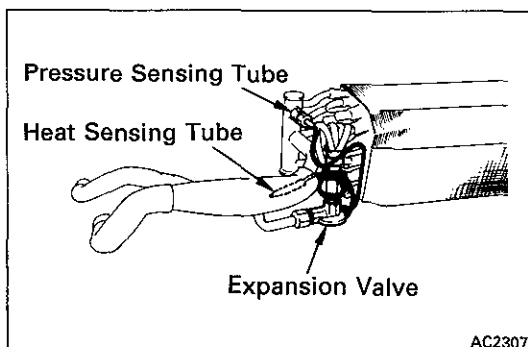


**DISASSEMBLY OF COOLING UNIT**

AC2350

**1. REMOVE UPPER AND LOWER CASE**

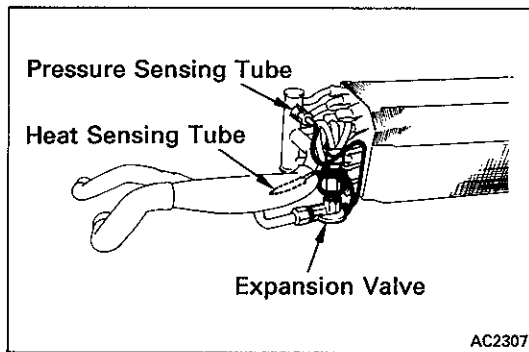
- (a) Remove wire harness.
- (b) Remove thermistor.
- (c) Remove blower resistor.
- (d) Remove two blower motors.
- (e) Remove nine clips and eight tapping screws.
- (f) Remove upper and lower case.



AC2307

**2. REMOVE EXPANSION VALVE**

- (a) Remove heat sensing tube.
- (b) Disconnect pressure sensing tube.
- (c) Disconnect liquid tubes from expansion valve.



## ASSEMBLY OF COOLING UNIT

### INSTALL COMPONENTS ON EVAPORATOR

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

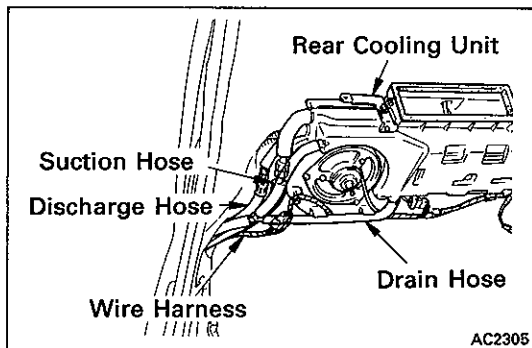
**Torque:** 200 – 250 kg-cm (14 – 18 ft-lb, 20 – 25 N·m)

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

- (b) Connect the liquid tube line to the inlet fitting of the expansion valve.

**Torque:** 120 – 150 kg-cm (9 – 11 ft-lb, 12 – 15 N·m)

- (c) Fit the heat protective insulator to the outlet tube and clamp the heat sensing tube.
- (d) Connect the pressure sensor to the evaporator.
- (e) Install upper and lower case to the evaporator.
- (f) Install nineclips and eight tapping screws.
- (g) Install two blower motors.
- (h) Install blower resistor.
- (i) Install thermistor.
- (j) Install wire harness.



## INSTALLATION OF COOLING UNIT

### 1. INSTALL COOLING UNIT

### 2. COONNECT CONNECTOR TO WIRING HARNESS.

### 3. CONNECT LIQUID LINE TUBE TO COOLING UNIT INLET FITTINGS

**Torque:** 120 – 150 kg-cm (9 – 11 ft-lb, 12 – 15 N·m)

### 4. CONNECT SUCTION TUBE TO COOLING UNIT OUTLET FITTING

**Torque:** 300 – 350 kg-cm (22 – 25 ft-lb, 29 – 34 N·m)

### 5. INSTALL COOLING UNIT COVER

- (a) Install five screws.
- (b) Install four grilles, rear control panel and rear A/C switch.

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

Add 40 – 50 cc (1.4 – 1.7 fl.oz.)

**Compressor oil:** DENSO OIL 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)