

## COOLING UNIT

AC0DJ-01

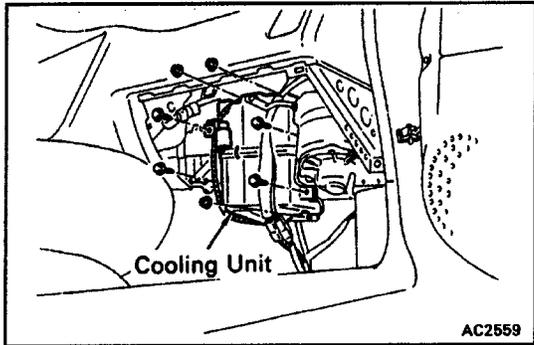
### COOLING UNIT REMOVAL

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

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

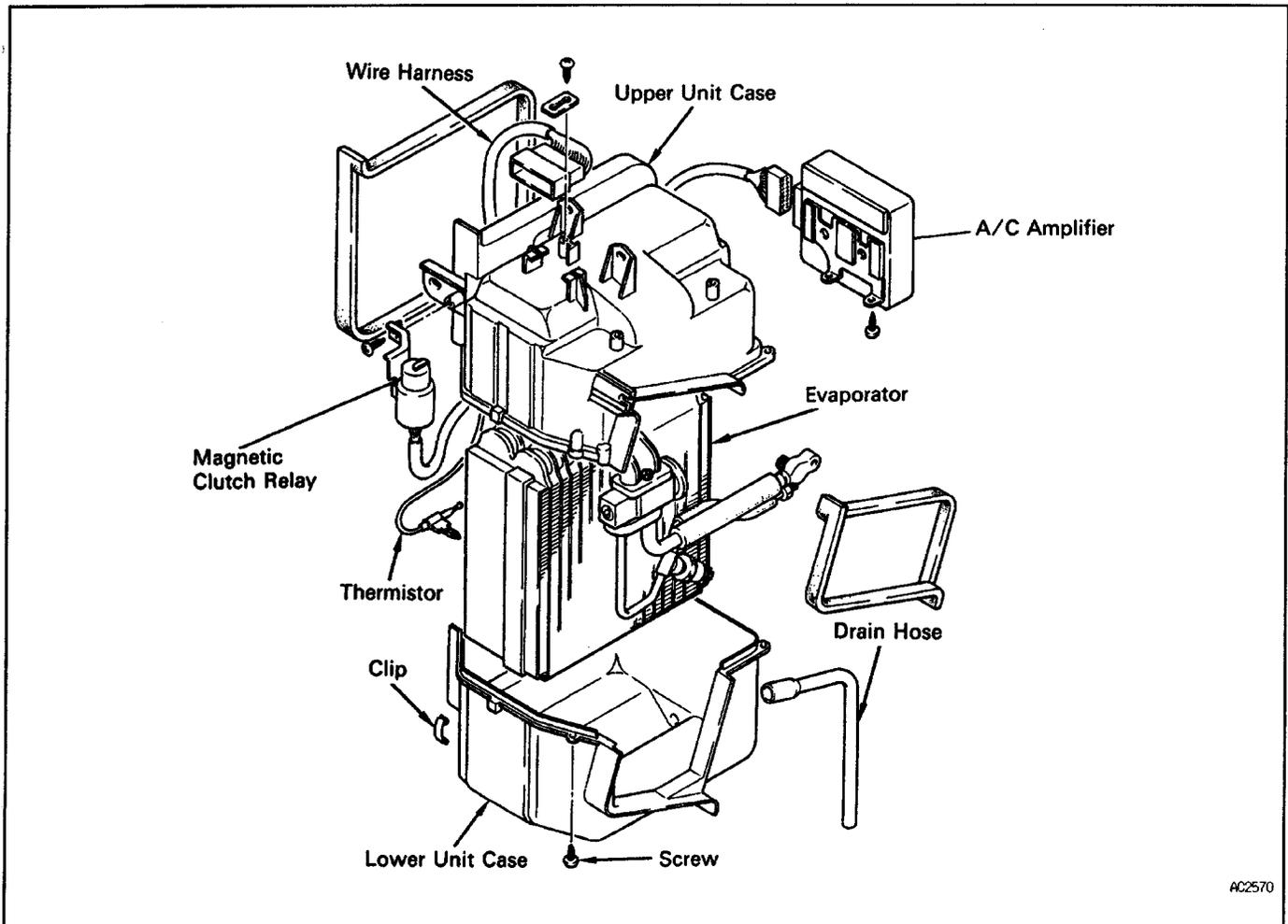
5. REMOVE GLOVE BOX
6. DISCONNECT CONNECTORS
7. REMOVE COOLING UNIT

Remove the three nuts and four bolts and the cooling unit.



### COOLING UNIT DISASSEMBLY

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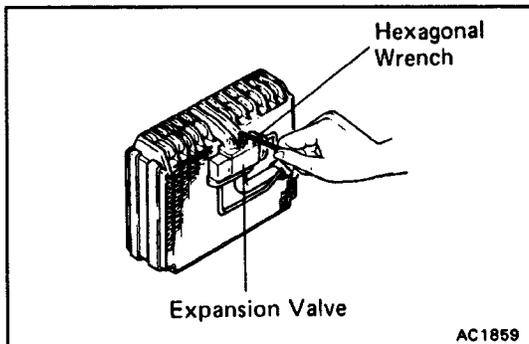


**1. REMOVE MAGNETIC CLUTCH RELAY****2. REMOVE A/C AMPLIFIER****3. REMOVE UPPER UNIT CASE**

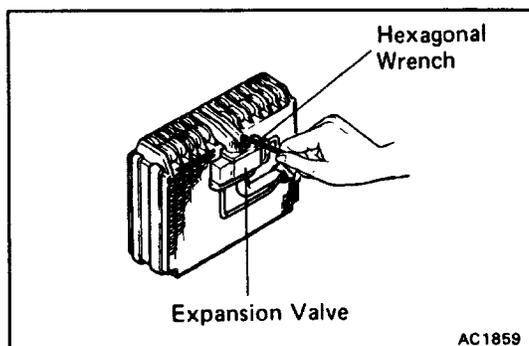
- (a) Disconnect the connectors.
- (b) Remove the wire harness.
- (c) Remove the two clips.
- (d) Remove the four screws.
- (e) Remove the upper unit case.

**4. REMOVE EVAPORATOR FROM LOWER UNIT CASE****5. REMOVE THERMISTOR FROM EVAPORATOR**

Remove the thermistor with the thermistor holder.

**6. REMOVE EXPANSION VALVE FROM EVAPORATOR**

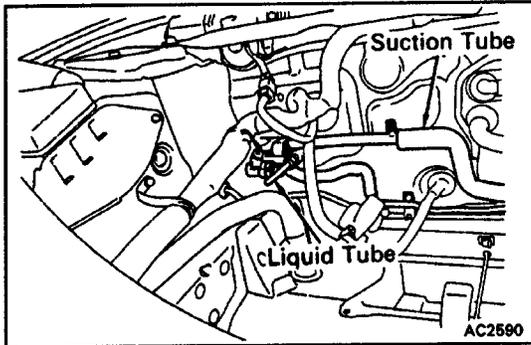
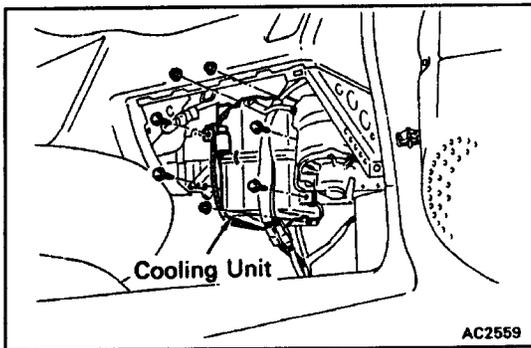
- (a) Remove the packing and heat sensing tube from suction and liquid tubes.
- (b) Remove the expansion valve from the evaporator.

**COOLING UNIT ASSEMBLY**

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**INSTALL COMPONENTS ON EVAPORATOR**

- (a) Connect the expansion valve, suction and liquid tubes to the evaporator. Torque the bolt.  
**Torque: 5.4 N-m (55 kgf-cm, 48 in.-lbf)**  
HINT: Be sure that the O-rings are positioned on the tube fitting.
- (b) Install the holder to the suction and liquid tubes with heat sensing tube.
- (c) Install the lower unit case to the evaporator.
- (d) Install the thermistor to the evaporator.
- (e) Install the upper unit case.
- (f) Install the four screws.
- (g) Install three clips.
- (h) Install the connector of thermistor.



## COOLING UNIT INSTALLATION

### 1. INSTALL COOLING UNIT

Install the cooling unit with the three nuts and four bolts.

### 2. CONNECT CONNECTORS

### 3. INSTALL GLOVE BOX REINFORCEMENT

### 4. CONNECT LIQUID TUBE TO COOLING UNIT INLET FITTING

Torque the nut.

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

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

Torque the nut.

Torque: 32 N-m (330 kgf-cm, 24 ft-lbf)

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

Add 40-50 cc (1.4-1.7 fl.oz.)

Compressor oil:

ND OIL 6, SUNISO N0.5 GS 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:

850±50 g (29.98 ±1.76 oz.)