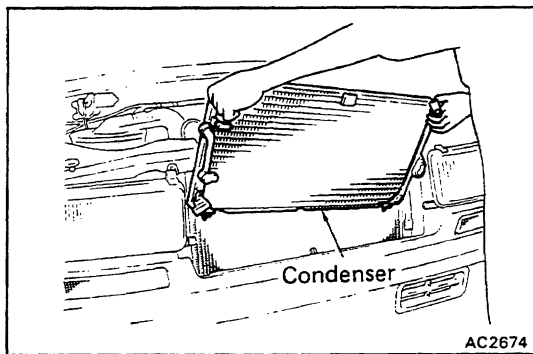




INSPECTION OF CONDENSER

1. INSTALL CONDENSER

Put in the condenser between the radiator and the body.
Then, tighten two bolts.

2. CONNECT DISCHARGE HOSE AND LIQUID TUBE

Torque: 185 kg-cm (13 ft-lb, 18 N-m)

3. INSTALL FOLLOWING COMPONENTS

- (a) Center brace
- (b) Hood lock brace

4. IF CONDENSER WAS REPLACED, ADD COMPRESSOR OIL TO COMPRESSOR

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

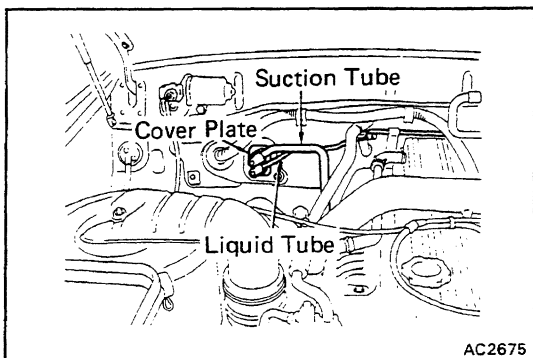
Compressor oil: DENSO OIL 6,

SUNISO N0.5GS or equivalent

5. EVACUATE AIR FROM AIR CONDITIONING SYSTEM

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

Specified amount: 900 ± 50 g (31.74 ± 1.76 oz)



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.

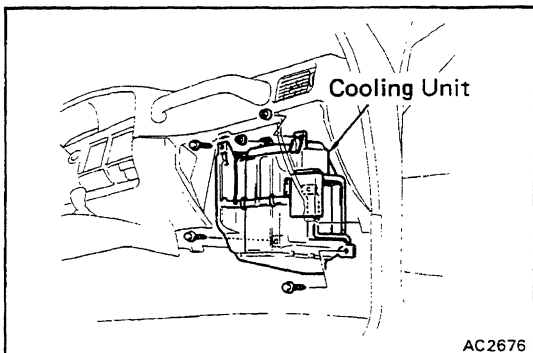
5. REMOVE COVER PLATE FROM INLET AND OUTLET FITTINGS

6. REMOVE GLOVE BOX

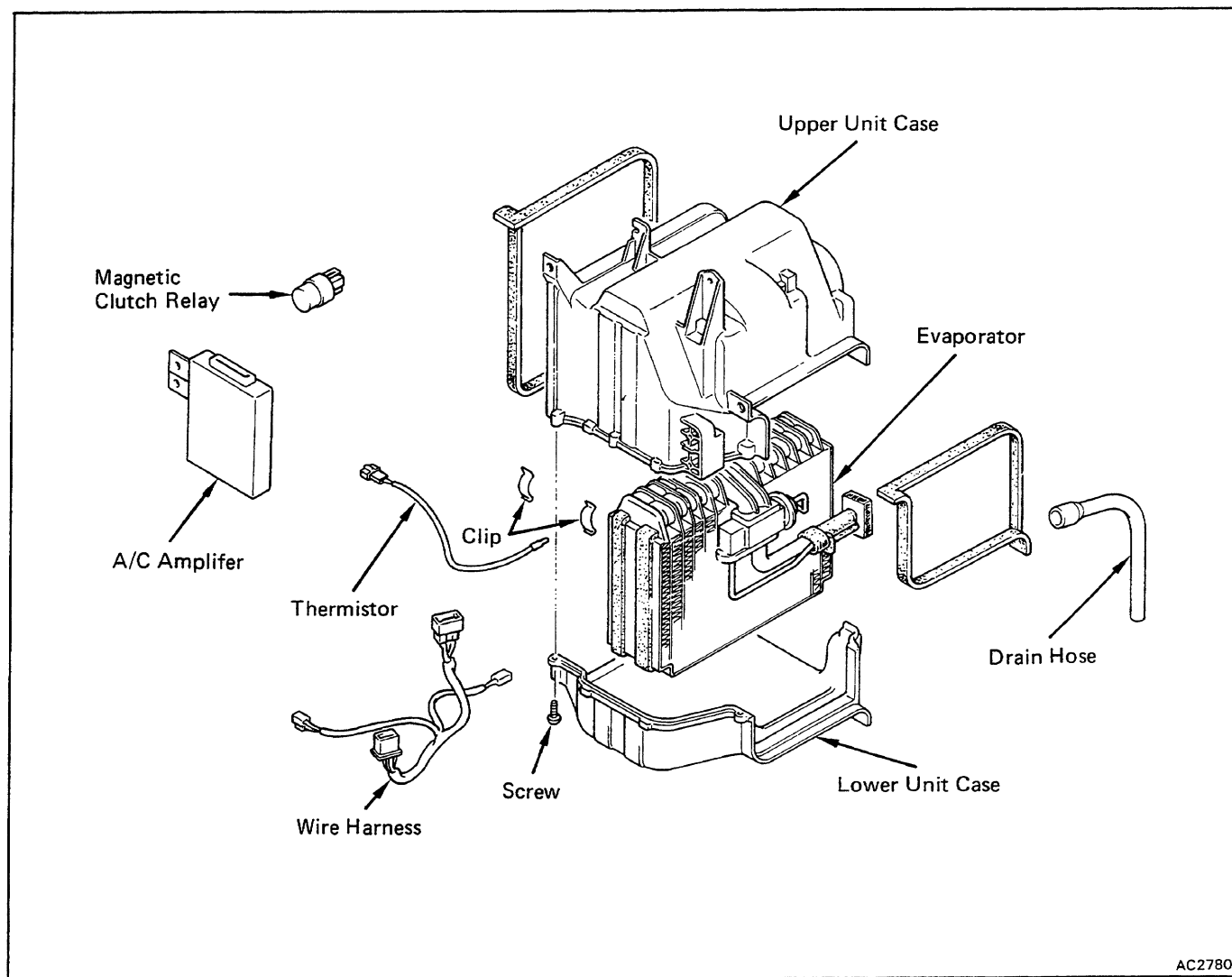
7. DISCONNECT CONNECTORS

8. REMOVE COOLING UNIT

Remove the three nuts and four bolts.

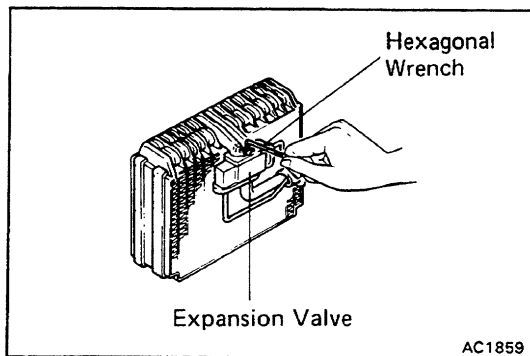


DISASSEMBLY OF COOLING UNIT



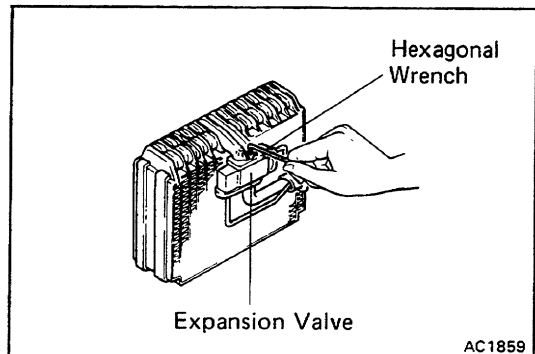
AC2780

1. REMOVE MAGNETIC CLUTCH RELAY
2. REMOVE REAR COOLER RELAY
3. REMOVE A/C AMPLIFIER
4. REMOVE LOWER AND UPPER CASE
 - (a) Remove connector of thermistor from unit case.
 - (b) Remove three clips.
 - (c) Remove four screws.
 - (d) Remove upper unit case.
 - (e) Remove thermistor with thermistor holder.
 - (f) Remove lower unit case.



5. REMOVE EXPANSION VALVE

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



ASSEMBLY OF COOLING UNIT

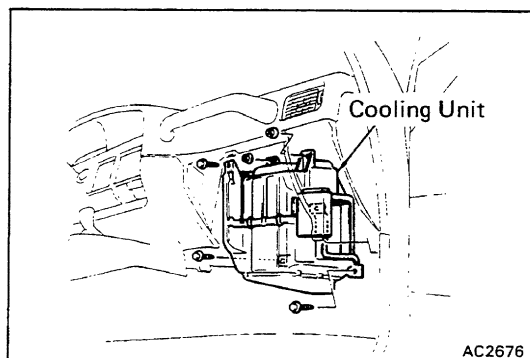
INSTALL COMPONENTS ON EVAPORATOR

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

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

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.
Install three clips.
- (h) Install the connector of thermistor.



INSTALLATION OF COOLING UNIT

1. INSTALL COOLING UNIT

Install the cooling unit with three screws and two nuts.

2. CONNECT CONNECTOR OF THERMISTOR

3. INSTALL EFI AND A.B.S. COMPUTER

4. INSTALL GLOVE BOX COVER AND REINFORCEMENT

5. INSTALL GLOVE BOX AND UNDER COVER

6. INSTALL GROMMETS ON INLET AND OUTLET FITTINGS

7. CONNECT LIQUID TUBE TO COOLING UNIT INLET FITTING

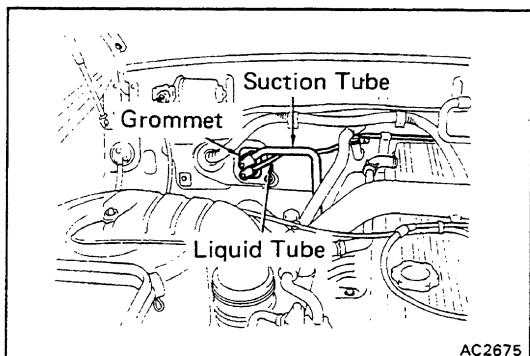
Torque the bolt.

Torque: 150 kg-cm (43 in.-lb, 4.9 N-m)

8. CONNECT SUCTION TUBE TO COOLING UNIT OUTLET FITTING

Torque the nut.

Torque: 50 kg-cm (43 in.-lb, 4.9 N-m)



9. 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
10. INSTALL CHARCOAL CANISTER WITH BRACKET
11. CONNECT NEGATIVE CABLE TO BATTERY
12. EVACUATE AIR FROM AIR CONDITIONING SYSTEM
13. CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT AND CHECK FOR GAS LEAKAGE
Specified amount: 900 ± 50 g (31.74 ± 1.76 oz)

EVAPORATOR

REMOVAL OF EVAPORATOR

See Disassembly of Cooling Unit on page [AC-27](#).

INSPECTION OF EVAPORATOR

1. INSPECT EVAPORATOR FINS FOR BLOCKAGE
If the fins are clogged, clean them with compressed air.
NOTICE: Never use water to clean the evaporator.
2. INSPECT FITTINGS FOR CRACKS OR SCRATCHES
Repair as necessary.

INSTALLATION OF EVAPORATOR

See Assembly of Cooling Unit on page [AC-28](#).