

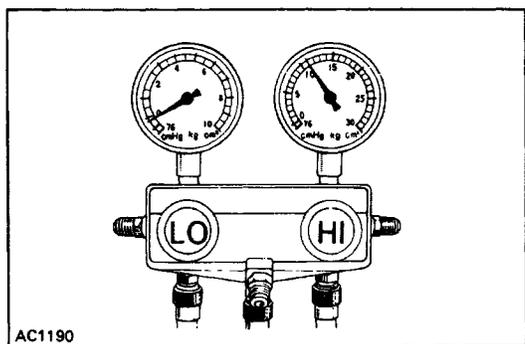
3. **INSTALL CONDENSER FAN**
4. **INSTALL CENTER BRACE AND HORNS**
5. **INSTALL FRONT GRILLE AND UNDER COVER**
6. **IF CONDENSER WAS REPLACED, ADD COMPRESSOR OIL TO COMPRESSOR**
Add 40 – 50 cc (1.4 – 1.7 fl.oz.)
ND OIL 6,
SUNISO No. 5GS or equivalent.
7. **EVACUATE AIR FROM AIR CONDITIONING SYSTEM**
8. **CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT AND CHECK FOR GAS LEAKAGE**
Specified amount 720 \pm 50 g (25.4 \pm 1.8 oz)

COOLING UNIT

(See page [AC-10](#))

ON-VEHICLE INSPECTION OF EXPANSION VALVE

1. **CHECK QUANTITY OF REFRIGERANT GAS DURING REFRIGERATION CYCLE**
2. **INSTALL MANIFOLD GAUGE SET**
(See page [AC-16](#))
3. **RUN ENGINE**
Run the engine at 2,000 rpm at least 5 minutes.
4. **CHECK EXPANSION VALVE**
If the expansion valve is clogged, the low pressure reading will drop to 0 kPa (0 kgf/cm², 0 psi), otherwise it is OK.



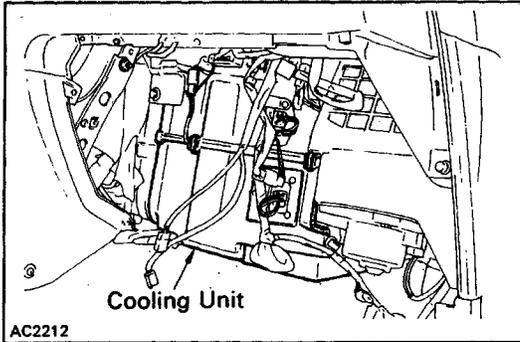
REMOVAL OF COOLING UNIT

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

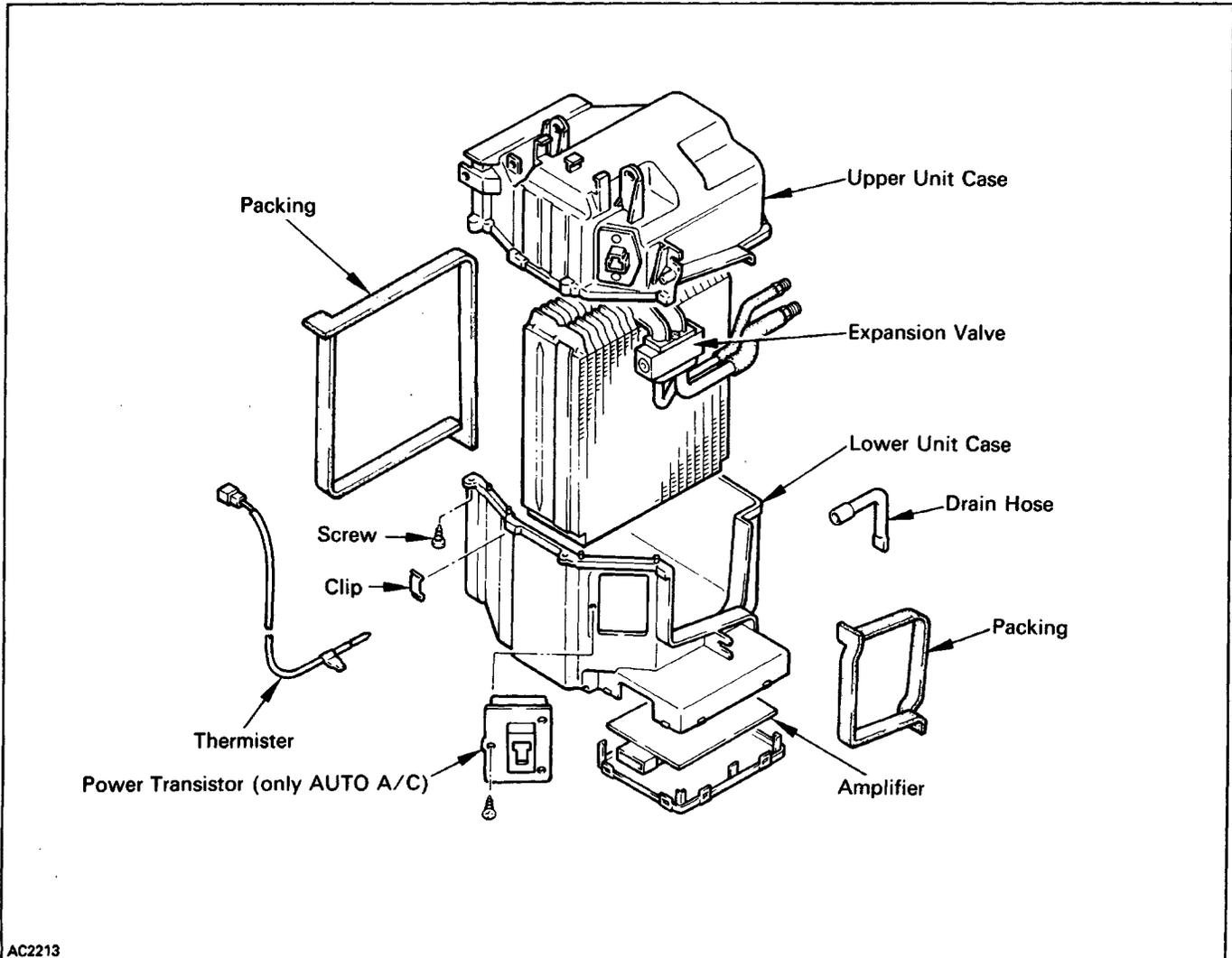
HINT: Cap the open fittings immediately to keep moisture out of the system.

5. REMOVE GROMMETS FROM INLET AND OUTLET FITTINGS
6. REMOVE GLOVE BOX AND REINFORCEMENT
7. DISCONNECT CONNECTORS
8. REMOVE COOLING UNIT

Remove three nuts and four bolts.

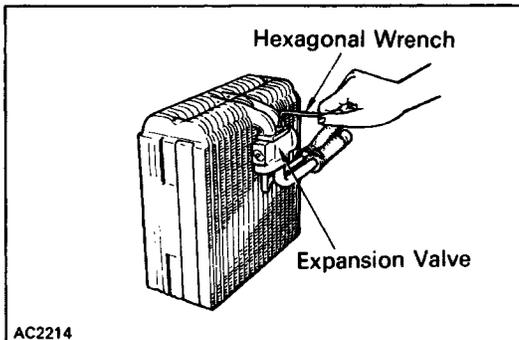


DISASSEMBLY OF COOLING UNIT



1. REMOVE LOWER AND UPPER UNIT CASES

- (a) Disconnect connectors.
- (b) Remove four clips.
- (c) Remove four screws.
- (d) Remove upper unit case.
- (e) Remove thermistor with thermistor holder.
- (f) Remove lower unit case.

**2. REMOVE EXPANSION VALVE**

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

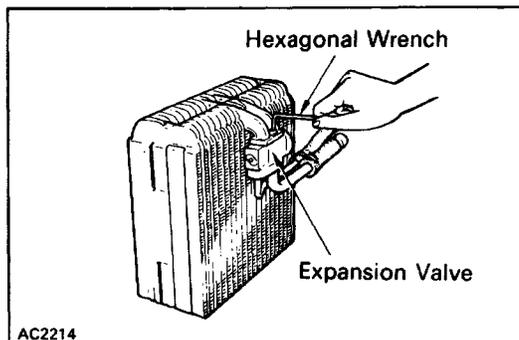
Evaporator**INSPECTION OF EVAPORATOR****1. CHECK EVAPORATOR FINS FOR BLOCKAGE**

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****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, 47.7in.-lbf)

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

- (b) Install lower unit case to the evaporator.
- (c) Install thermistor to the evaporator.
- (d) Install upper unit case.
- (e) Install four screws.
- (f) Install four clips.
- (g) Connect connectors.