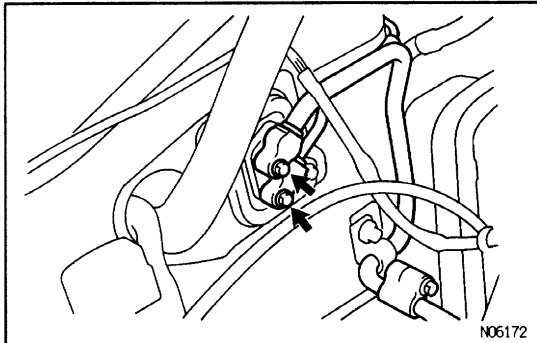


COOLING UNIT

COOLING UNIT REMOVAL

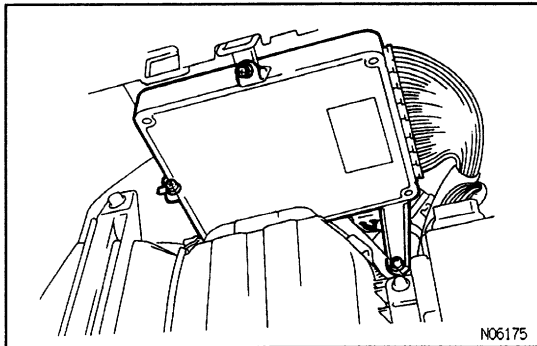
1. DISCONNECT NEGATIVE CABLE FROM BATTERY
2. RECOVER REFRIGERANT FROM REFRIGERATION SYSTEM



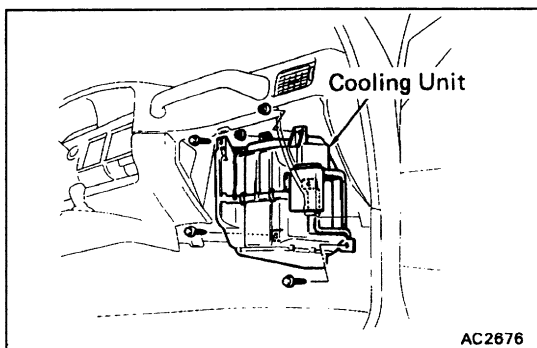
3. DISCONNECT SUCTION TUBE AND LIQUID TUBE FROM COOLING UNIT FITTING

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

4. REMOVE GLOVE COMPARTMENT DOOR

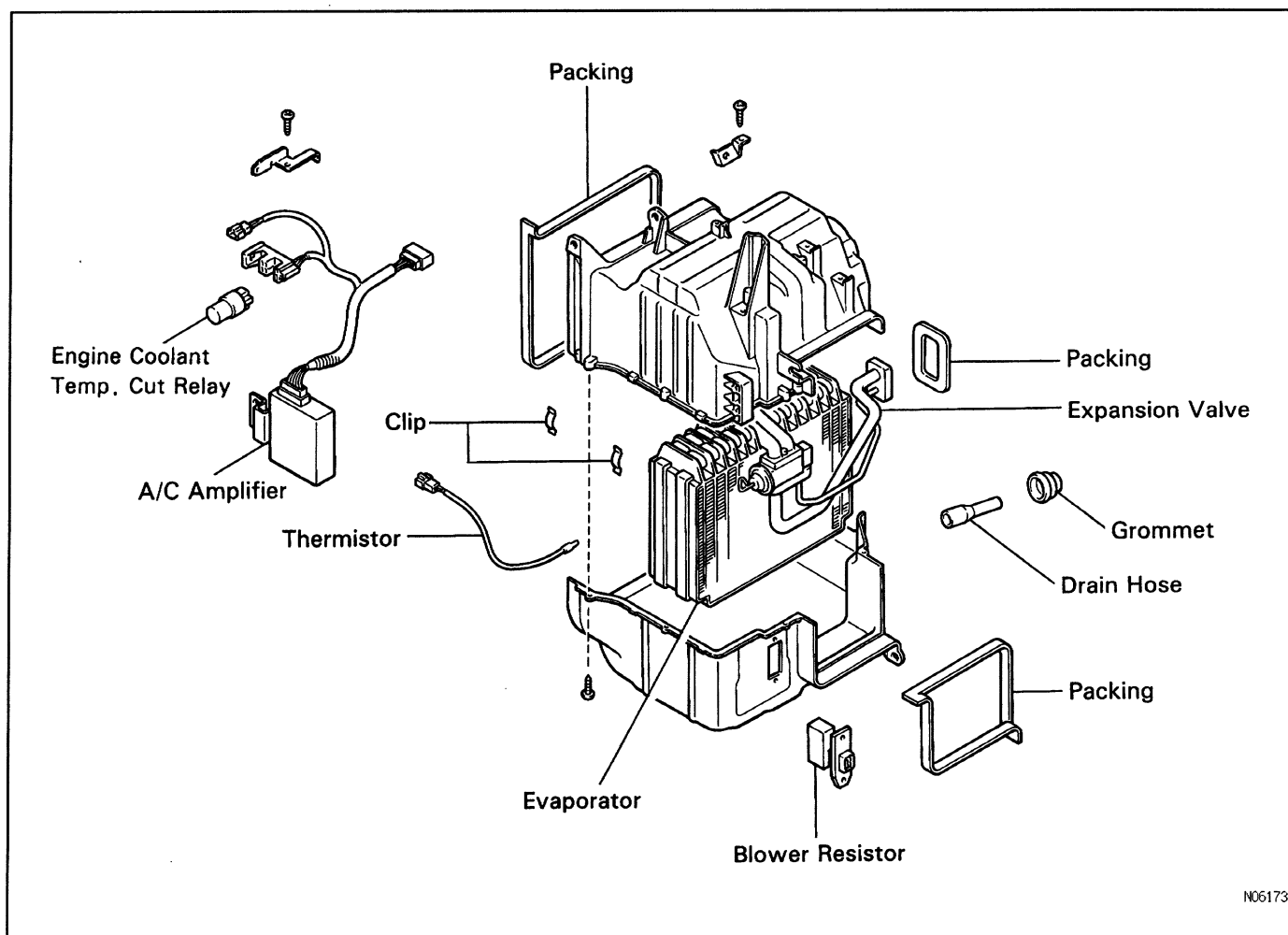


5. REMOVE ENGINE CONTROL MODULE
6. DISCONNECT CONNECTORS



7. REMOVE COOLING UNIT AND A/C AMPLIFIER
Remove three screws and two nuts.
8. REMOVE BLOWER SPEED CONTROL RELAY

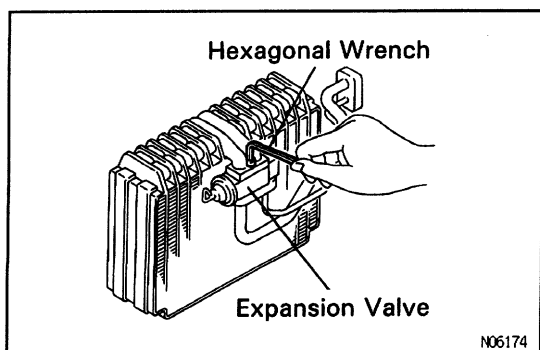
COOLING UNIT DISASSEMBLY

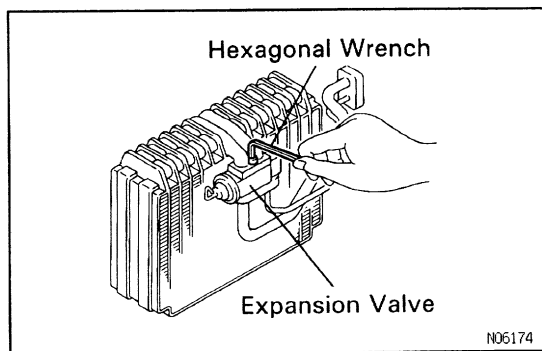
**1. REMOVE MAGNET CLUTCH RELAY****2. REMOVE A/C AMPLIFIER****3. REMOVE UPPER AND LOWER CASE**

- (a) Remove A/C harness.
- (b) Remove thermistor connector from upper case.
- (c) Remove three clips and four screws.
- (d) Remove upper and lower case.
- (e) Remove blower resistor from lower case.

4. REMOVE THERMISTOR FROM EVAPORATOR**5. REMOVE EXPANSION VALVE**

Remove the expansion valve from the evaporator.





COOLING UNIT ASSEMBLY

1. INSTALL EXPANSION VALVE, LIQUID AND SUCTION TUBE TO EVAPORATOR

Tighten the bolts.

Torque: 5.4 N·m (55 kgf·cm, 48 in.-lbf)

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

2. INSTALL THERMISTOR

3. INSTALL UPPER AND LOWER CASE TO EVAPORATOR

- (a) Install blower resistor to lower case.
- (b) Install upper and lower case.
- (c) Install three clips and four screws.
- (d) Install thermistor connector to upper case.
- (e) Install A/C harness.

COOLING UNIT INSTALLATION

1. INSTALL BLOWER SPEED CONTROL RELAY

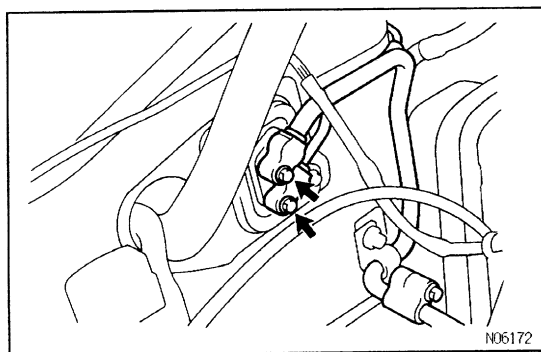
2. INSTALL COOLING UNIT AND A/C AMPLIFIER

Install cooling unit and A/C amplifier with three screws and two nuts.

3. CONNECT CONNECTORS

4. INSTALL ENGINE CONTROL MODULE

5. INSTALL GLOVE COMPARTMENT DOOR



6. CONNECT LIQUID TUBE TO COOLING UNIT INLET FITTING

Tighten the nut.

Torque: 5.4 N·m (55 kgf·cm, 48 in.-lbf)

7. CONNECT SUCTION TUBE TO COOLING UNIT OUTLET FITTING

Tighten the nut.

Torque: 5.4 N·m (55 kgf·cm, 48 in.-lbf)

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

Add 40–50 cc (1.4–1.7 fl.oz.)

Compressor oil: ND-OIL 6

9. CONNECT NEGATIVE CABLE TO BATTERY

10. EVACUATE AIR FROM REFRIGERATION SYSTEM

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

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