

COOLING UNIT

COOLING UNIT REMOVAL

Installation is in the reverse order of removal.

1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM

INSTALLATION HINT: Evacuate air from refrigeration system.

Charge system with refrigerant and inspect for leakage of refrigerant.

Specified amount:

$850 \pm 50 \text{ g}$ ($29.98 \pm 1.76 \text{ oz.}$)

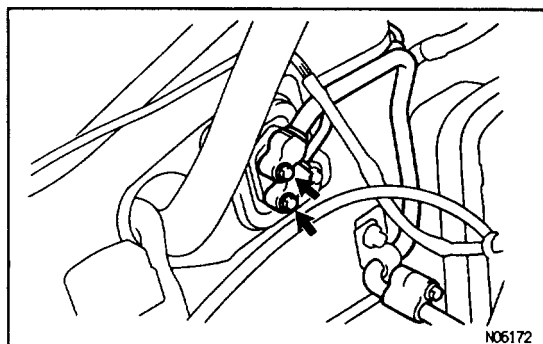
2. DISCONNECT SUCTION TUBE AND LIQUID TUBE FROM COOLING UNIT FITTING

Remove the 2 bolts and both tubes.

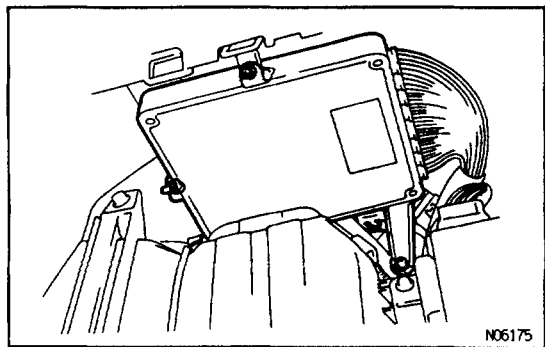
REMOVAL NOTICE: Cap the open fittings immediately to keep moisture out of the system.

INSTALLATION HINT: Lubricate 2 new O-rings with compressor oil and install the tubes.

3. REMOVE GLOVE COMPARTMENT DOOR (See page [BO-59](#))

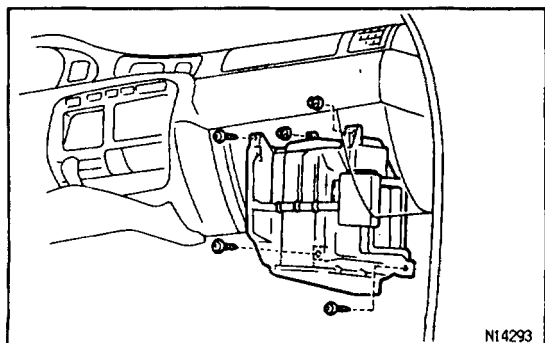


4. REMOVE ENGINE CONTROL MODULE



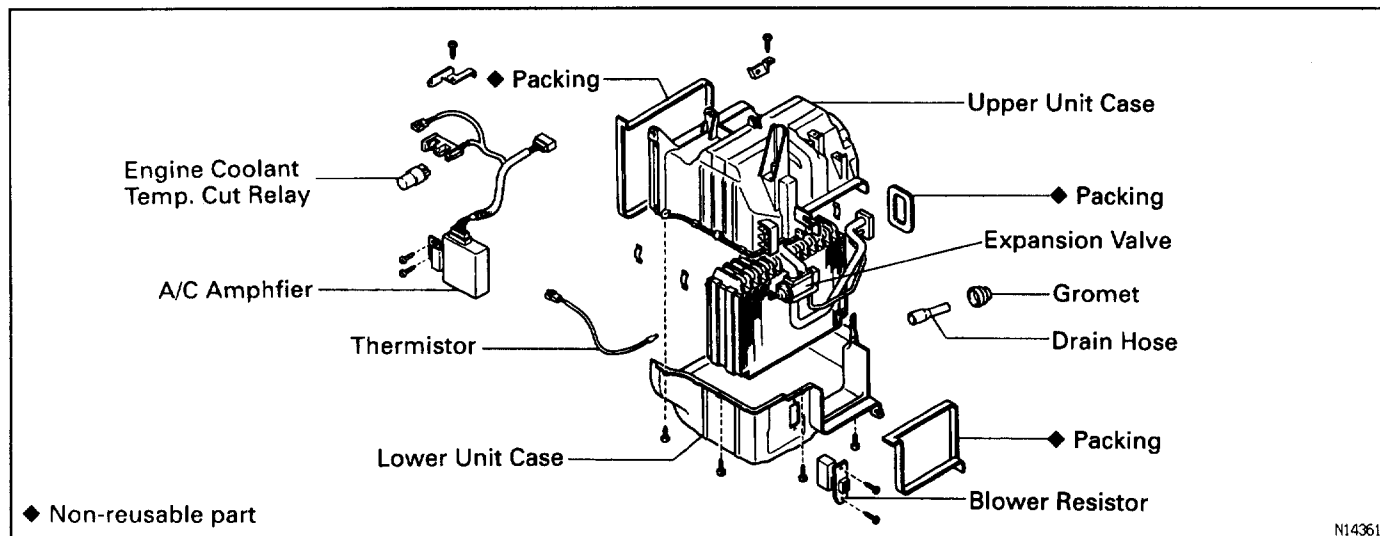
5. REMOVE COOLING UNIT

- Disconnect the connectors.
- Remove the 3 screws and 2 nuts.



COOLING UNIT DISASSEMBLY

Assembly is in the reverse order of disassembly.



1. REMOVE THESE PARTS:

- (a) A/C amplifier
- (b) Engine coolant temp. cut relay
- (c) Wire harness

2. REMOVE BLOWER RESISTOR

Remove the 2 screws and blower resistor.

3. SEPARATE UPPER AND LOWER UNIT CASE

- (a) Remove the 2 packings.
- (b) Remove 3 clips and 4 screws.
- (c) Separate the upper and lower unit case.

4. REMOVE EVAPORATOR FROM LOWER UNIT CASE

ASSEMBLY HINT: If evaporator was replaced, add compressor oil to compressor.

Add 40 cc (1.4 fl.oz.)

Compressor oil:

ND-OIL 8 or equivalent

5. REMOVE THERMISTOR

Pull out the thermistor from evaporator.

6. REMOVE EXPANSION VALVE

Using a hexagon wrench and remove the 2 bolts and separate the expansion valve and evaporator.

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

ASSEMBLY HINT: Lubricate 4 new O-rings with compressor oil and install the tubes.

