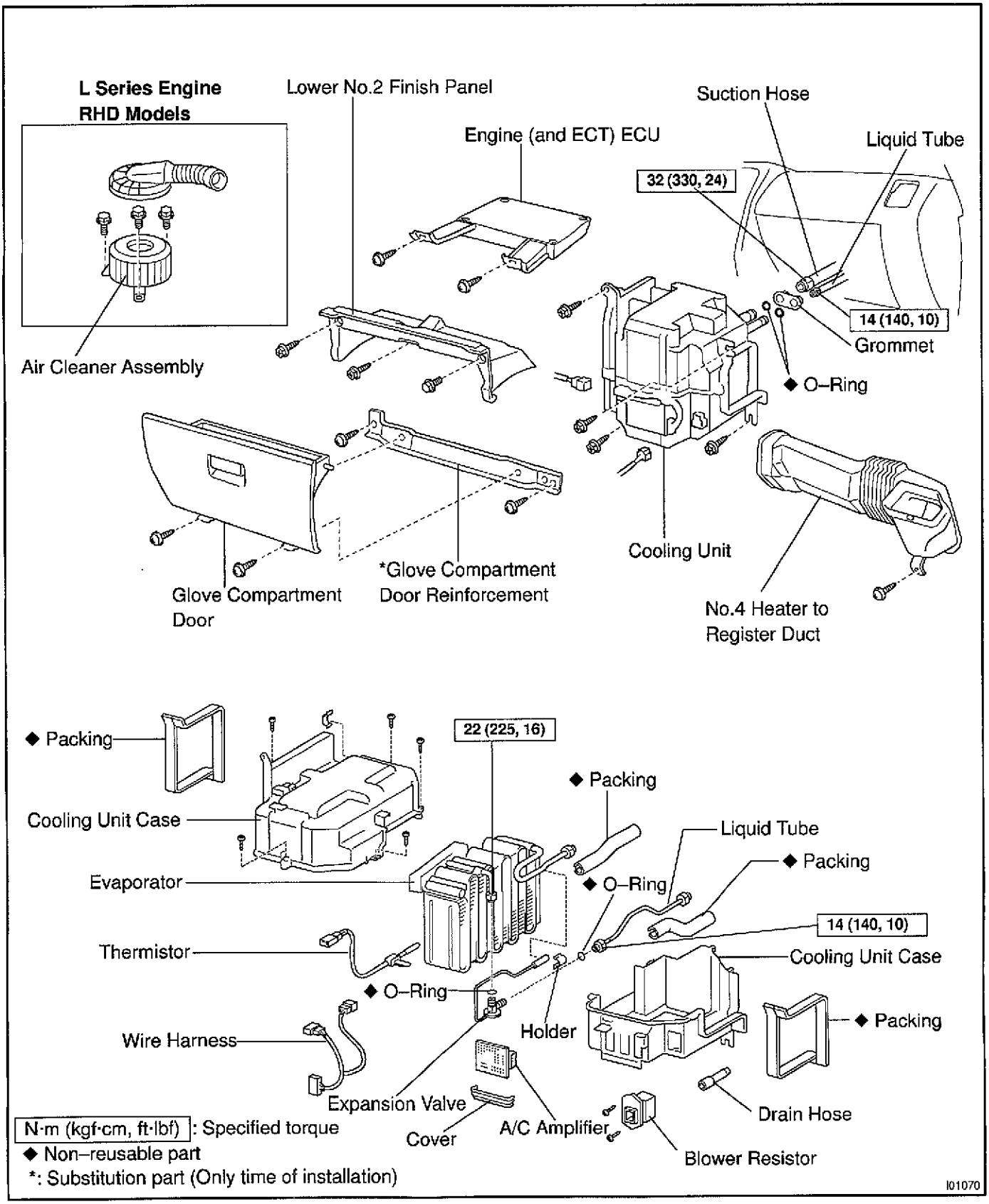
COOLING UNIT

COMPONENTS

AC0JL-01



AC0JM–01

REMOVAL

1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM

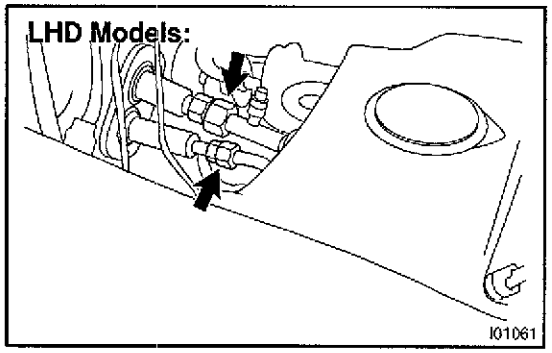
HINT:

At the time of installation, please refer to the following item.

Evacuate air from refrigeration system.

Charge system with refrigerant and inspect the leakage of refrigerant.

Specified amount: 550 ± 50 g (19.40 ± 1.76 oz.)



2. DISCONNECT LIQUID TUBE AND SUCTION HOSE FROM COOLING UNIT FITTINGS

Loosen the 2 nuts and disconnect the both tube and hose.

Torque:

Liquid tube:14 N·m (140 kgf·cm, 10ft·lbf)

Suction hose: 32·m (330 kgf·cm, 24 ft·lbf)

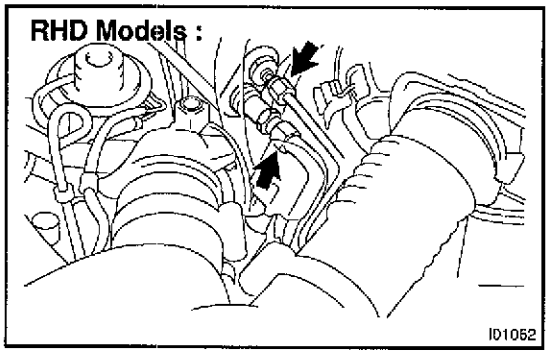
NOTICE:

Cap the open fittings immediately to keep moisture or dirt out of the system

HINT:

At the time of installation, please refer to the following item.

Lubricate 2 new O–rings with compressor oil and install the tube and hose.



3. REMOVE THESE PARTS:

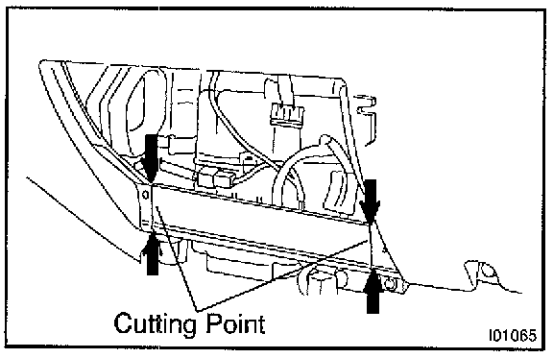
(a) Grommet

(b) Front door scuff plate passenger side

(c) Cowl side trim passenger side

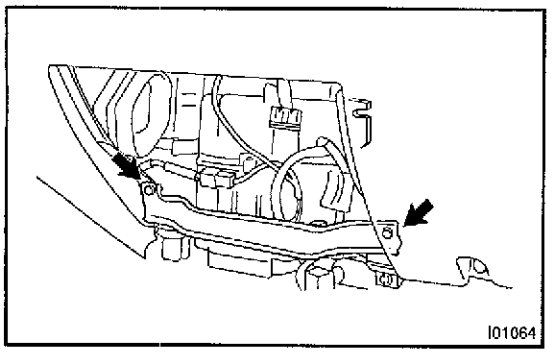
(d) Glove compartment door

(e) Engine (and ECT) ECU



4. REMOVE COOLING UNIT

(a) Using a knife, cut off the reinforcement of glove compartment.



HINT:

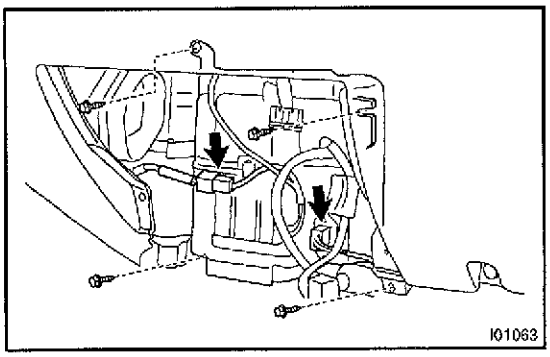
At the time of installation, please refer to the following item.

Install the glove compartment door reinforcement (supply parts), instead of cutting reinforcement.

Part No.:

LHD: 55558–35040

RHD: 55558–35030



(b) Disconnect the connectors.
(c) Remove the 3 screws, bolt and cooling unit.

AC0JN 01

DISASSEMBLY

1. REMOVE THESE PARTS:

(a) Wire harness
(b) A/C amplifier
(c) Blower resistor
(d) Drain hose

2. SEPARATE COOLER UNIT CASES

(a) Using a knife, cut off each packing.
(b) Remove the holding spring and 5 screws.
(c) Separate the cooler unit cases.

3. REMOVE EVAPORATOR

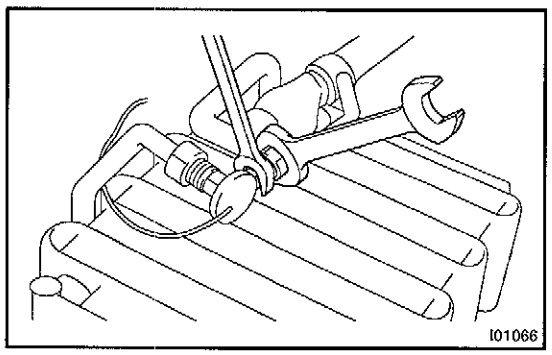
HINT:

At the time of reassembly, please refer to the following item.
If evaporator was replaced, add compressor oil to evaporator.

Add 40 – 50 cc (1.4 – 1.7 fl.oz.)
Compressor oil: ND–OIL 8 or equivalent

4. REMOVE THERMISTOR

Pull out the thermistor from evaporator.


I01066

5. REMOVE EXPANSION VALVE

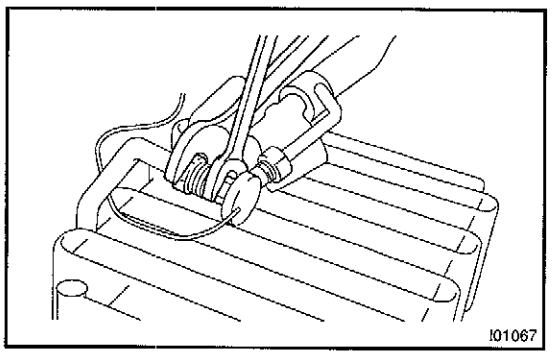
(a) Pry out the packing.

HINT:

At the time of reassembly, please refer to the following item.
Do not reuse the packing.

(b) Remove the holder and disconnect the heat sensing tube from suction tube of evaporator.
(c) Loosen the 2 nuts and remove the expansion valve.

Torque:
Expansion valve x Evaporator:
22 N·m (225 kgf·cm, 16 ft·lbf)
Expansion valve x Liquid tube:
14 N·m (140 kgf·cm, 10 ft·lbf)


I01067

HINT:

At the time of reassembly, please refer to the following item.
Lubricate 2 new O–rings with compressor oil and install the valve and tube.

AC0JC–01

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page AC–27).

AC0UF-01

INSTALLATION

Installation is in the reverse order of removal (See page AC–27).