CONDENSER

ON–VEHICLE INSPECTION

AC0K9 01

1. INSPECT CONDENSER FINS FOR BLOCKAGE OR DAMAGE

- If the fins are clogged, wash them with water and dry with compressed air.

NOTICE:

Be careful not to damage the fins.

- If the fins are bent, straighten them with a screwdriver or pliers.

2. INSPECT CONDENSER AND FITTINGS FOR LEAKAGE

Using a gas leak detector, check for leakage of refrigerant.

If there is leakage, check the tightening torque at the joints.

AC0KA-01

REMOVAL

1. **DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM**

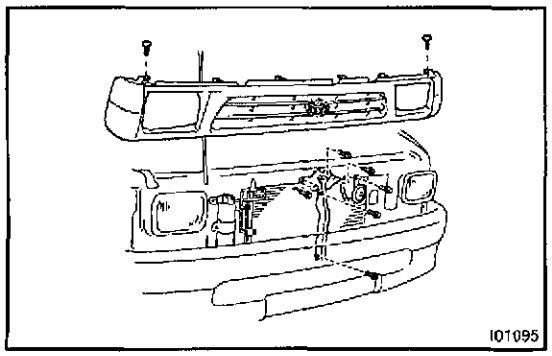
HINT:

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

Evacuate air from refrigeration system.

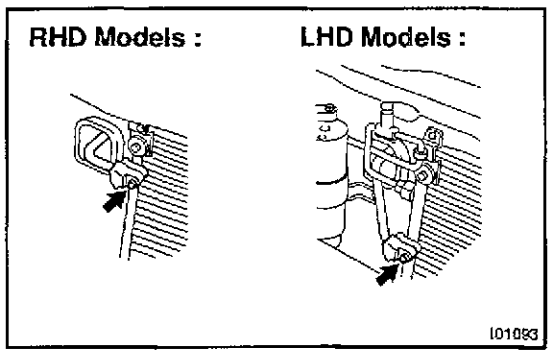
Charge system with refrigerant and inspect for leakage of refrigerant.

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



2. **REMOVE THESE PARTS:**

(a) Radiator grill
(b) Food lock set bolts
(c) Center brace
(d) Horns



3. **DISCONNECT DISCHARGE HOSE FROM CONDENSER**

Remove the bolt and disconnect the hose.

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

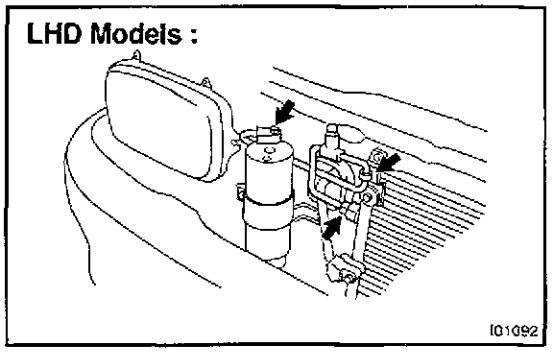
NOTICE:

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

HINT:

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

Lubricate a new O–ring with compressor oil and install the hose.



4. **REMOVE LIQUID TUBE**

(a) Pull out the piping clamp.
(b) Remove the bolt and disconnect the liquid tube from the receiver.

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

(c) Loosen the nut and remove the liquid tube.

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

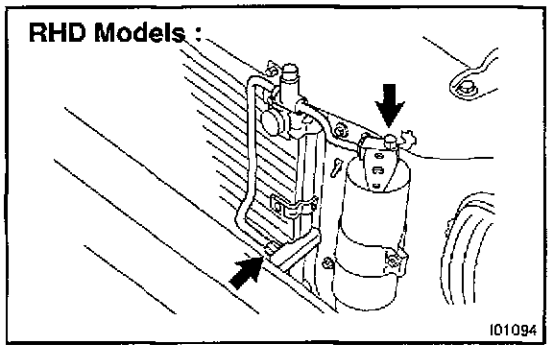
NOTICE:

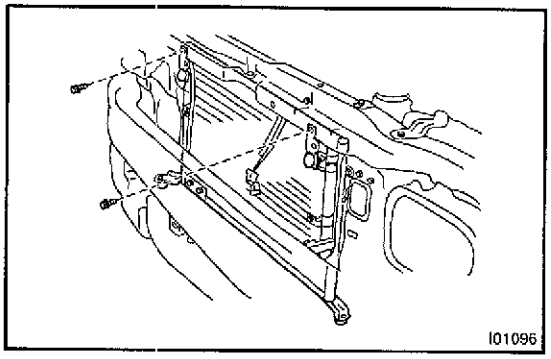
Cap the open fittings immediately to keep moisture or dirt out of the system.

HINT:

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

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





5. REMOVE CONDENSER

(a) Remove the 2 set bolts.

(b) Pull out the condenser forward and pull it upward.

HINT:

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

If condenser is replaced, add compressor oil to the condenser.

Add 40 cc (1.4 fl.oz.)

Compressor oil: ND–OIL 8 or equivalent

AC0KB–01

INSTALLATION

Installation is in the reverse order of removal (See page AC–64).