

CONDENSER

AC0WZ-01

ON-VEHICLE INSPECTION

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.

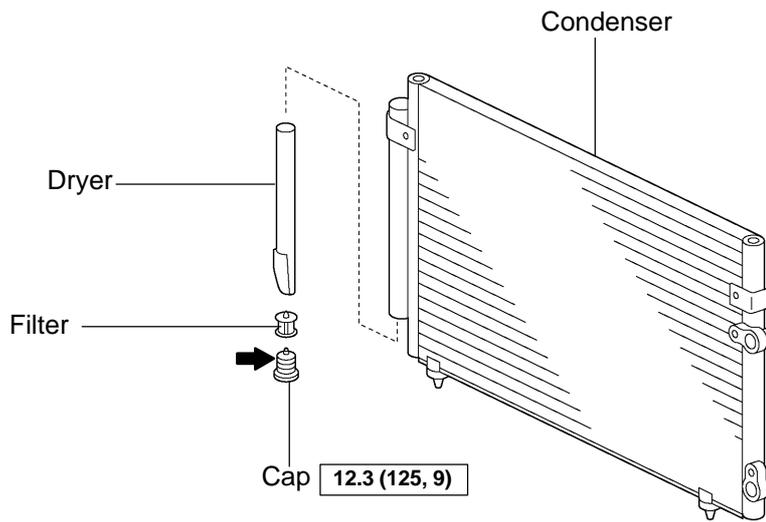
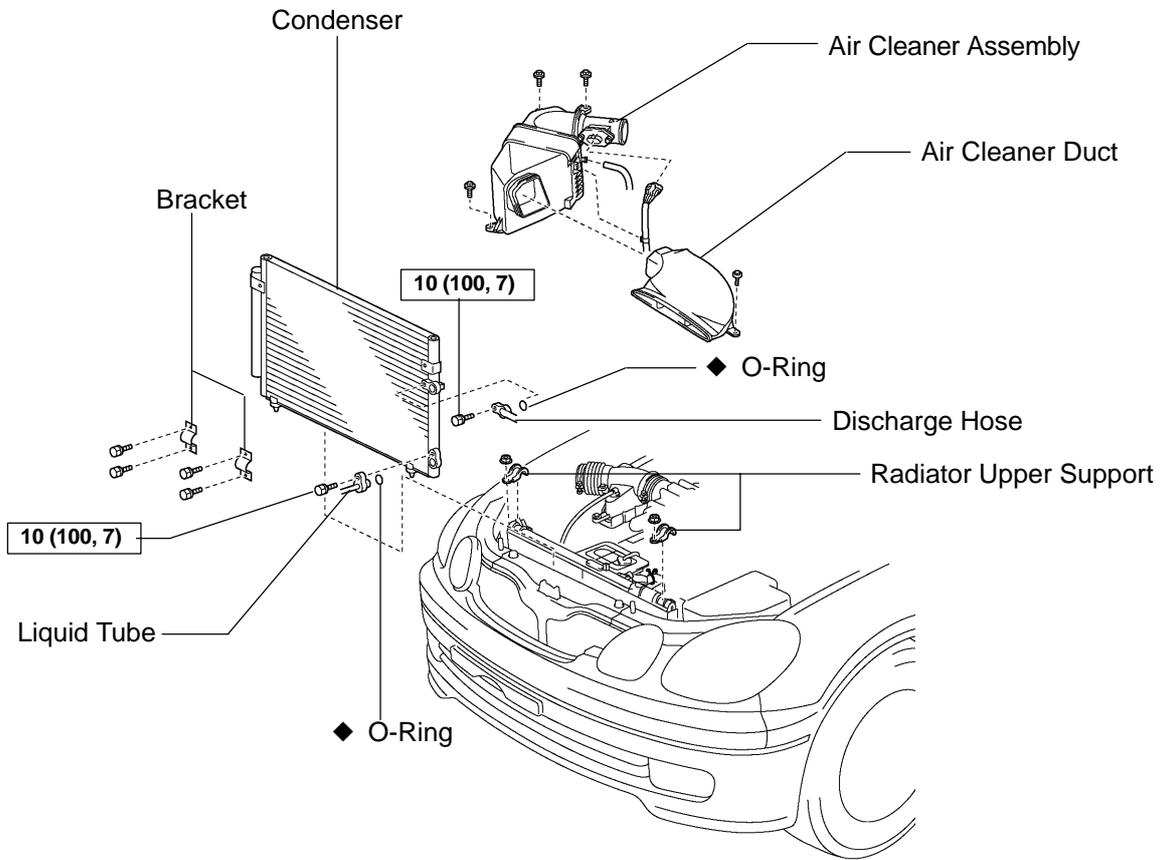
- ◆ If the fins are bent, straighten them with a screwdriver or pliers.

2. INSPECT CONDENSER AND FITTINGS FOR LEAKAGE OF REFRIGERANT

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

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

COMPONENTS



N·m (kgf-cm, ft·lbf) : Specified torque

- ◆ Non-reusable part
- ➡ Compressor oil ND-OIL 8 or equivalent

I09253
I09252

I10327

REMOVAL

1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM

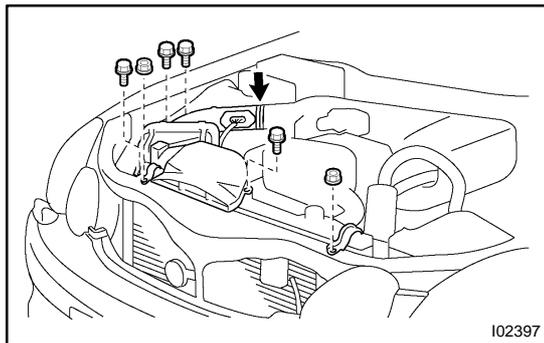
HINT:

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

Evacuate air from refrigeration system.

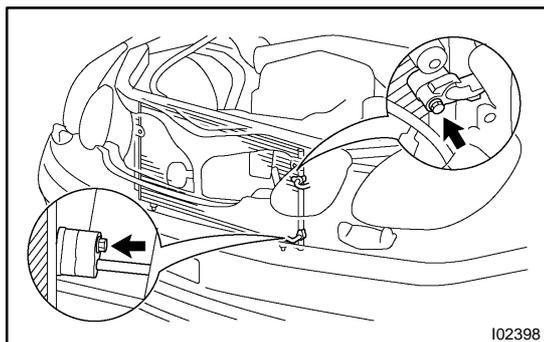
Charge system with refrigerant and inspect for leakage of refrigerant.

Specified amount : 600 ± 50 g (21.16 ± 1.76 oz.)



2. REMOVE THESE PARTS:

- (a) Air cleaner duct
- (b) Air cleaner assembly
- (c) 2 radiator upper supports



3. DISCONNECT DISCHARGE HOSE AND LIQUID TUBE

Remove the 2 bolts and disconnect the hose and tube.

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

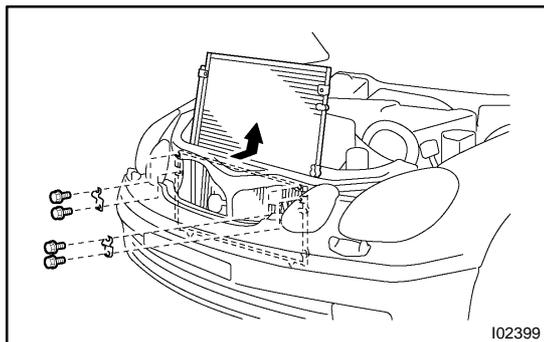
NOTICE:

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 them to the hose and tube.



4. REMOVE CONDENSER

- (a) Remove the 4 bolts and 2 brackets.
- (b) Push the radiator toward engine.
- (c) Push the condenser toward radiator and pull it upward.

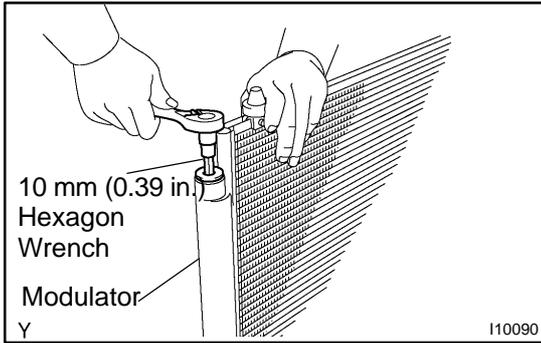
HINT:

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)

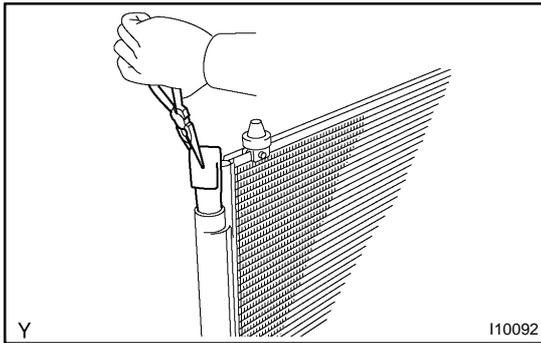
Compressor oil: ND - OIL 8 or equivalent



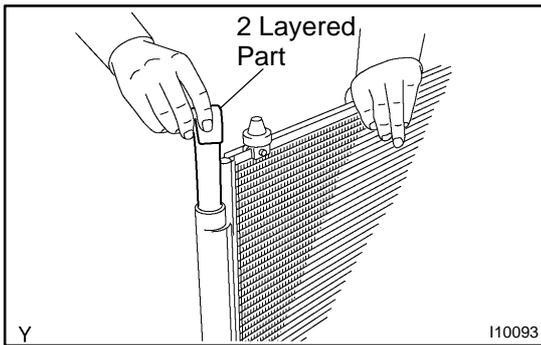
REPLACEMENT

REPLACE DRYER FROM MODULATOR

- (a) Using a hexagon wrench (10 mm, 0.39 in.), remove the cap from the modulator.
- (b) Remove the filter from the modulator.



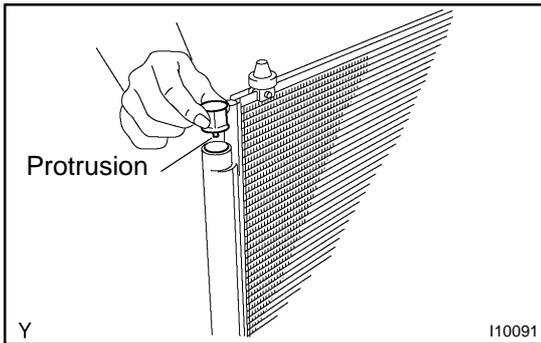
- (c) Using pliers, remove the dryer.



- (d) Insert a new dryer into the modulator.

NOTICE:

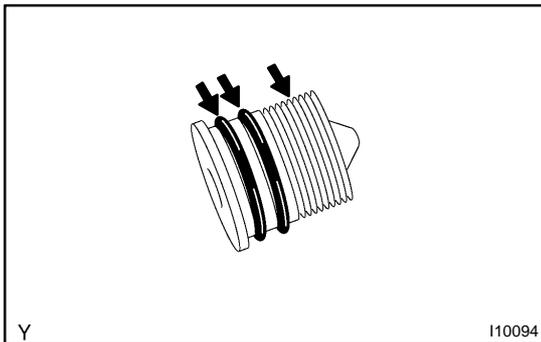
- ◆ Do not remove the dryer from a vinyl bag until inserting it into the modulator.
- ◆ Install the dryer with its 2 layered part faced upward to the modulator.



- (e) Insert the filter into the modulator.

NOTICE:

Install the filter with its protrusion faced downward to the modulator.



- (f) Install the cap to the modulator.
 - (1) Apply compressor oil to the o-rings and screw part of the cap.

Compressor oil: ND-OIL 8 or equivalent

- (2) Using a hexagon wrench (10 mm, 0.39 in.), install the caps.

Torque: 12.3 N·m (125 kgf·cm, 9 ft·lbf)

INSTALLATION

Installation is in the reverse order of removal (See page [AC-48](#)).