

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:

Single A/C (^{*1} RFS Condenser Models):

650 ± 50 g (22.93 ± 1.76 oz.)

Single A/C (^{*2} IFS Condenser Models):

800 ± 50 g (28.22 ± 1.76 oz.)

Single A/C w/ Cool Box (^{*1} RFS Condenser Models):

800 ± 50 g (28.22 ± 1.76 oz.)

Single A/C w/ Cool Box (^{*2} IFS Condenser Models):

950 ± 50 g (33.51 ± 1.76 oz.)

Dual A/C (w/o Cool Box):

1,050 ± 50 g (37.03 ± 1.76 oz.)

Dual A/C (w/ Cool Box):

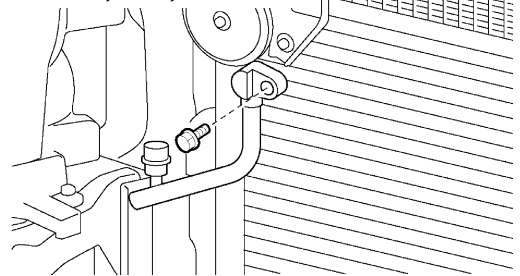
1,150 ± 50 g (40.56 ± 1.76 oz.)

***¹ : Condenser Part No.: 88460-60280**

***² : Condenser Part No.: 88460-60260**

2. REMOVE THESE PARTS:

- (a) Radiator grill
- (b) Center brace
- (c) 2UZ –FE Engine Models:
A/T oil cooler ([See page AT-16](#))
- (d) 1HD –FTE Engine Models:
Charge air cooler
- (e) Engine under cover

1FZ-FE, 1HZ, 1HD-T:

I07810

3. 1FZ-FE, 1HZ, 1HD-T and 1HD-FTE Engine: DISCONNECT DISCHARGE HOSE

Remove the bolt and disconnect the discharge hose.

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

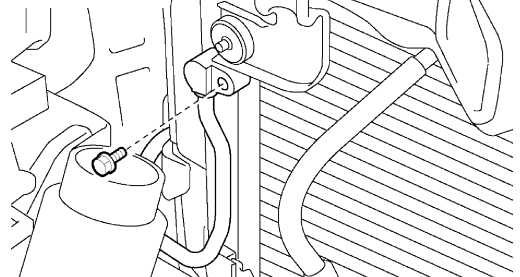
NOTICE:

Cap open the fittings 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 them to the tubes.

1HD-FTE:

I07837

4. 2UZ -FE Engine:

REMOVE DISCHARGE TUBE

- (a) Remove the bolt and disconnect the tube from condenser.

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

- (b) Loosen the nut and remove the tube.

Torque: 22 N·m (225 kgf·cm, 16 ft·lbf)

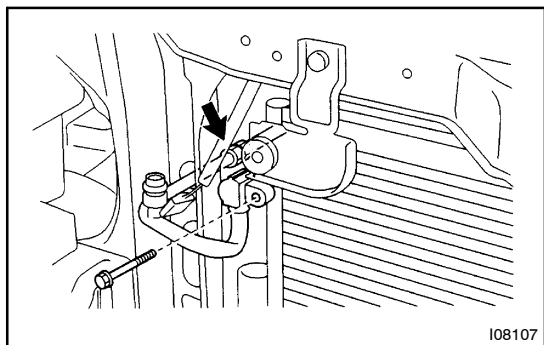
NOTICE:

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

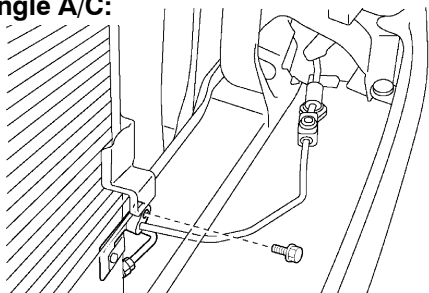
HINT:

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

Lubricate 2 new O -rings with compressor oil and install them to the tube.



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Single A/C:**5. DISCONNECT LIQUID TUBE**

Remove the bolt and disconnect the tube.

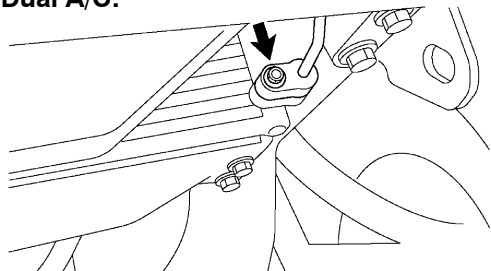
Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

NOTICE:

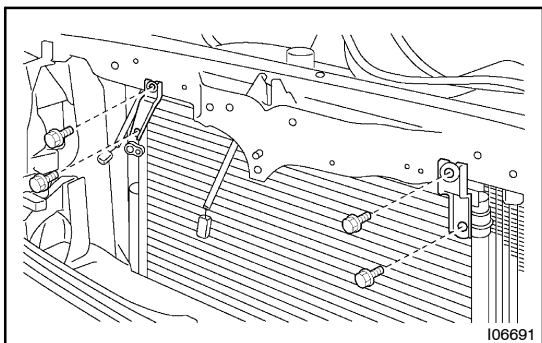
Cap the open fittings immediately to keep moisture or dirt out of the system.

HINT:

At the time of installation, please refer to the following item.
Lubricate a new O -ring with compressor oil and install them to the tubes.

Dual A/C:**6. Single A/C:
REMOVE CONDENSER**

(a) Remove the 4 bolts and 2 brackets (Upper).



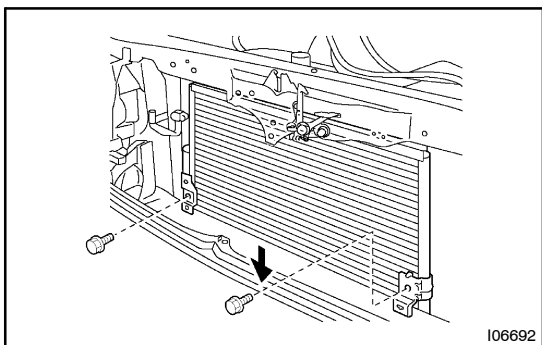
(b) Remove the 2 bolts and remove the 2 brackets (Lower).
(c) Remove the condenser.

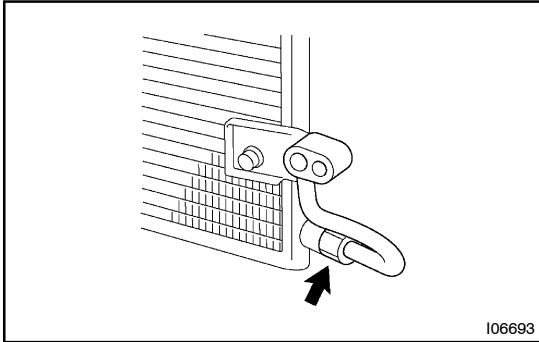
HINT:

At the time of installation, please refer to the following item.
If condenser is replaced, add compressor oil to condenser.

Add: 40 - 50 cc (1.4 - 1.7 fl.oz.)

Compressor oil: ND -OIL 8 or equivalent





- (d) IFS Condenser Only:
Loosen the nut and remove the liquid tube from condenser.

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

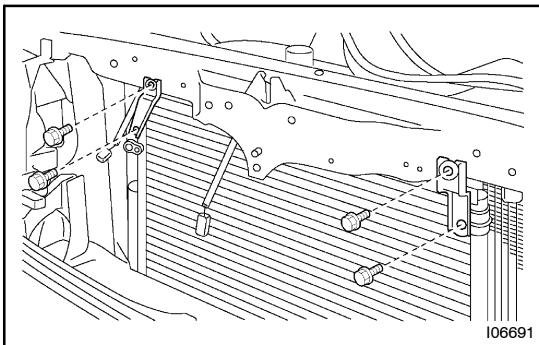
NOTICE:

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

HINT:

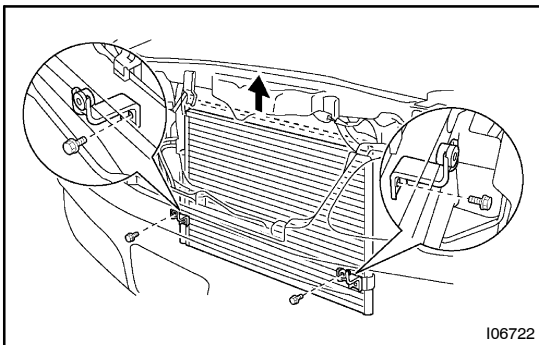
At the time of installation, please refer to the following item.

Lubricate a new O –ring with compressor oil and install them to the tubes.

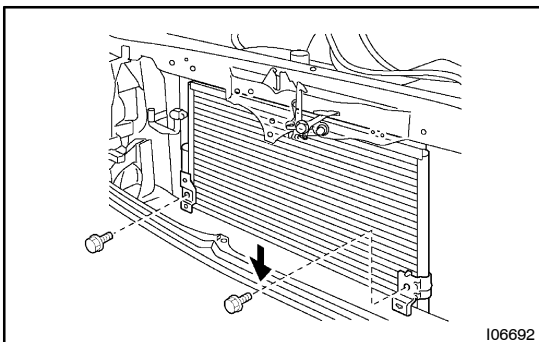


**7. Dual A/C:
REMOVE CONDENSER**

- (a) Remove the 4 bolts and 2 brackets (Upper).



- (b) Lift up the condenser, then remove the 4 bolts and 2 brackets (Lower).



- (c) Remove the 2 bolts and 2 brackets (Center).
(d) Remove the condenser.

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

If condenser is replaced, add compressor oil to condenser.

Add: 40 – 50 cc (1.4 – 1.7 fl.oz.)

Compressor oil: ND –OIL8 or equivalent