

OVERHAUL

HINT:

COMPONENTS: 55-8.

1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM

(See Pub. NO. RM864E, page 55-22)

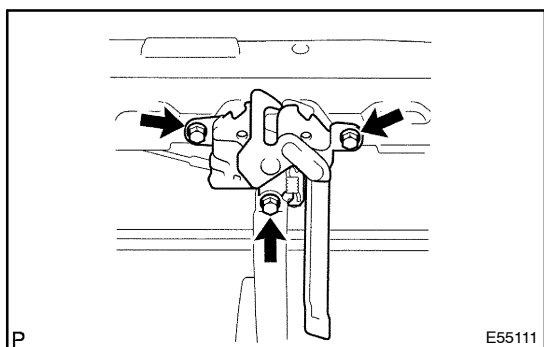
SST 07110-58060 (07117-58080, 07117-58090, 07117-78050, 07117-88060, 07117-88070, 07117-88080)

2. REMOVE LOW PITCHED HORN ASSY (See Pub. No. RM864E, page 69-4)

3. REMOVE HIGH PITCHED HORN ASSY (See Pub. No. RM864E, page 69-4)

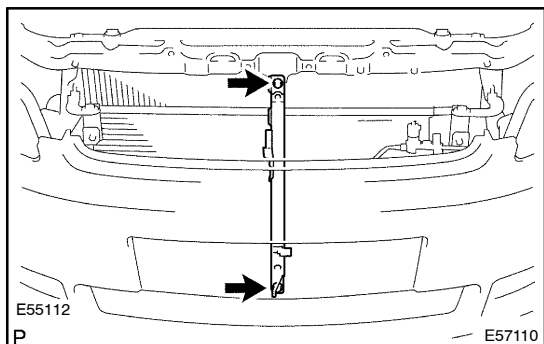
HINT:

Remove the high pitched horn assy in the same way as the low pitched horn assy.



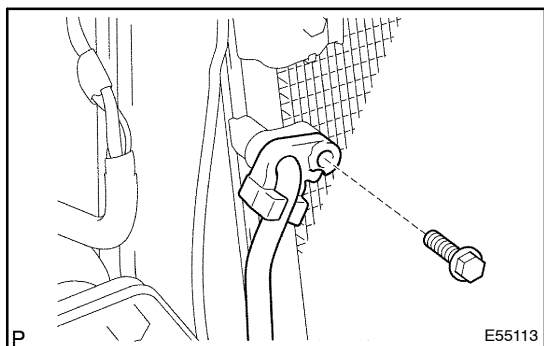
4. REMOVE HOOD LOCK ASSY

- (a) Remove the 3 bolts and hood lock assy.



5. REMOVE HOOD LOCK SUPPORT SUB-ASSY

- (a) Disconnect the connector.
(b) Remove the 2 bolts and hood lock support sub-assy.

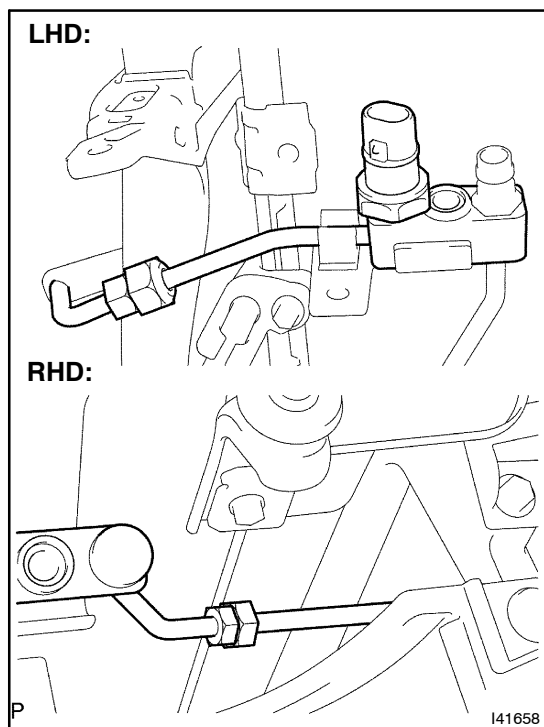


6. DISCONNECT DISCHARGE HOSE SUB-ASSY

- (a) Remove the bolt and disconnect the discharge hose sub-assy from the cooler condenser assy.
(b) Remove the O-ring from the discharge hose sub-assy.

NOTICE:

Seal the openings of the disconnected parts using vinyl tape to prevent moisture and foreign matters from entering.

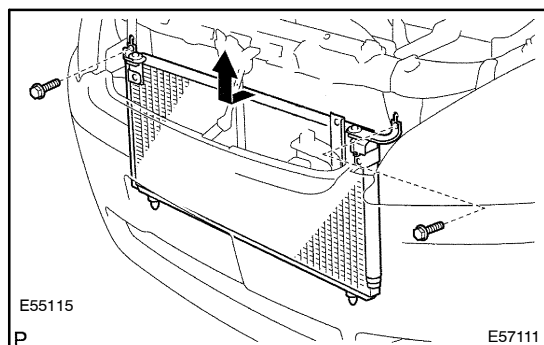


7. DISCONNECT COOLER REFRIGERANT LIQUID PIPE B

- (a) Disconnect the connector and clamp.
- (b) Remove the union nut and disconnect the cooler refrigerant liquid pipe B from the cooler refrigerant liquid pipe A.
- (c) Remove the O-ring from the cooler refrigerant liquid pipe B.

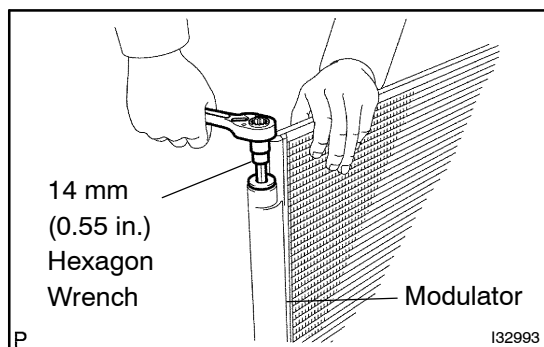
NOTICE:

Seal the openings of the disconnected parts using vinyl tape to prevent moisture and foreign matters from entering.



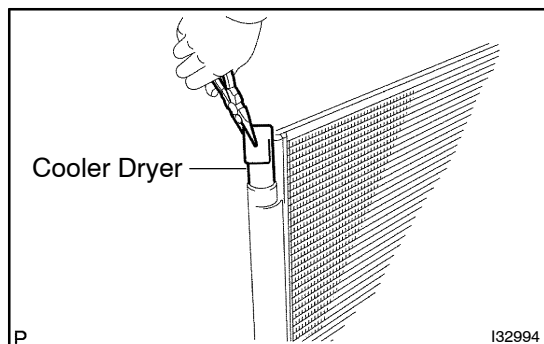
8. REMOVE COOLER CONDENSER ASSY

- (a) Remove the 2 bolts and the cooler condenser assy.

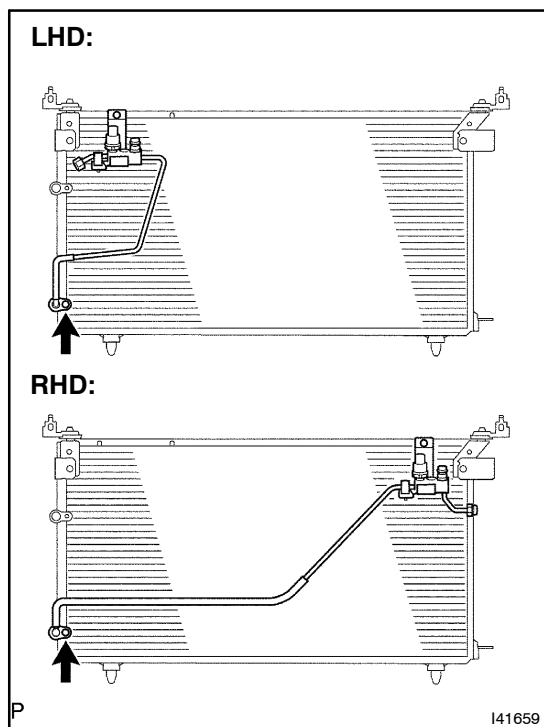


9. REMOVE COOLER DRYER

- (a) Using a hexagon wrench 14 mm (0.55 in.), remove the cap from the modulator.



- (b) Using needle nose pliers, remove the cooler dryer.

**10. REMOVE COOLER REFRIGERANT LIQUID PIPE A**

- Remove the bolt and disconnect the cooler refrigerant liquid pipe A assy from the cooler condenser assy.
- Remove the O-ring from the cooler refrigerant liquid pipe A.

NOTICE:

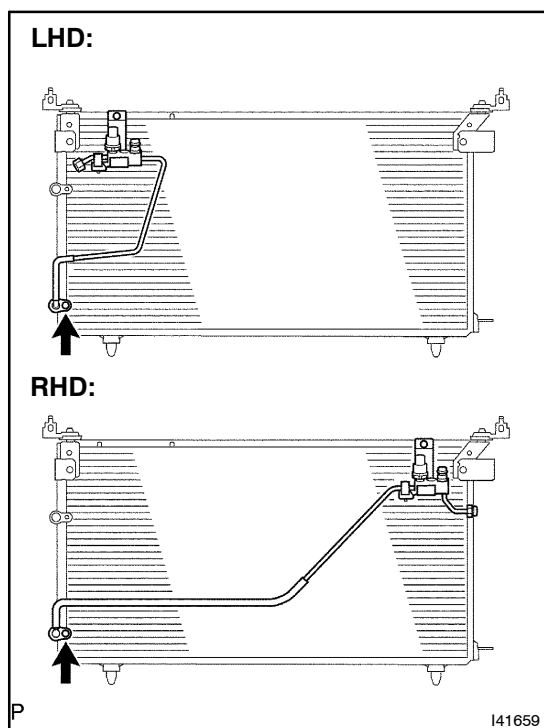
Seal the openings of the disconnected parts using vinyl tape to prevent moisture and foreign matters from entering.

11. INSTALL COOLER REFRIGERANT LIQUID PIPE A

- Remove the attached vinyl tape from the tube and the connecting part of the cooler condenser assy.
- Sufficiently apply compressor oil to the new O-ring and the fitting surfaces of the pipe joint.

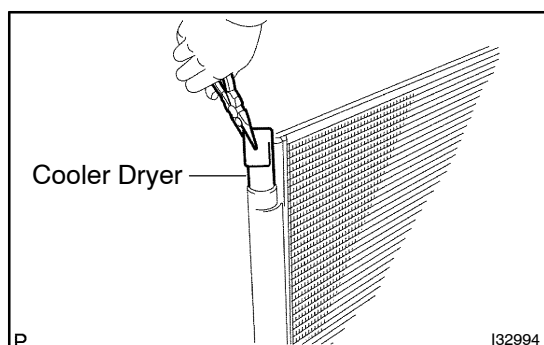
Compressor oil: ND-OIL 8 or equivalent

- Install the O-ring on the cooler refrigerant liquid pipe A.

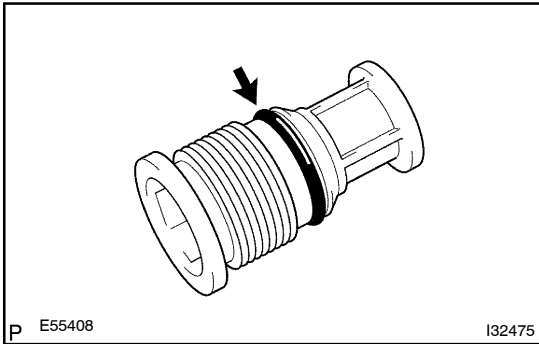


- Install the cooler refrigerant liquid pipe A on the cooler condenser assy with the bolt.

Torque: 5.4 N·m (55 kgf·cm, 47 in·lbf)

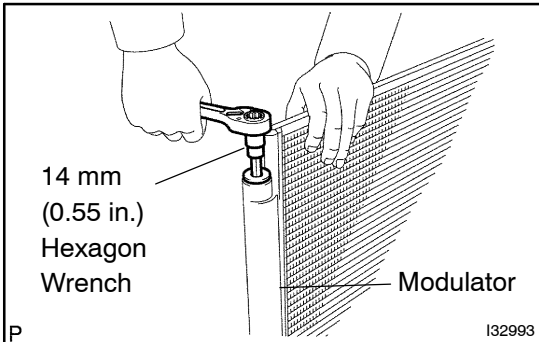
**12. INSTALL COOLER DRYER**

- Using needle nose pliers, install the new cooler dryer.



- (b) Sufficiently apply compressor oil to the fitting surfaces of the O-ring.

Compressor oil: ND-OIL 8 or equivalent



- (c) Using a hexagon wrench 14 mm (0.55 in.), install the new cap on the modulator.

Torque: 2.9 N·m (30 kgf·cm, 25 in.·lbf)

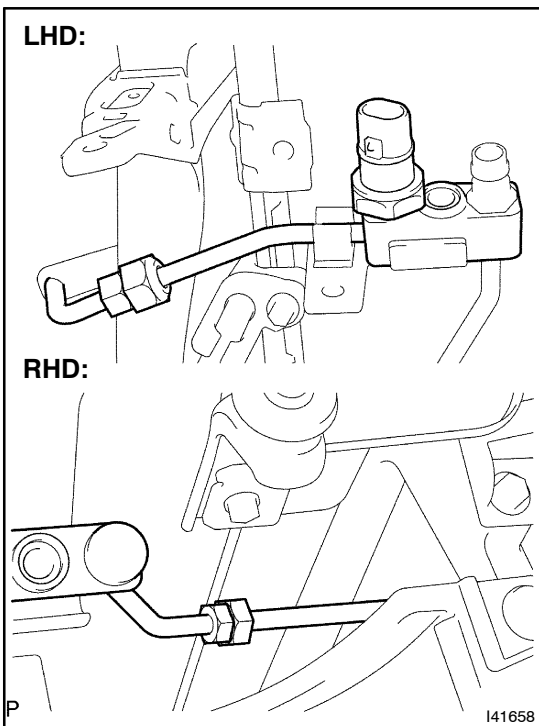
13. INSTALL COOLER REFRIGERANT LIQUID PIPE B

- (a) Remove the attached vinyl tape from the tube and the connecting part of the cooler condenser assy.

- (b) Sufficiently apply compressor oil to a new O-ring and the fitting surfaces of the pipe joint.

Compressor oil: ND-OIL 8 or equivalent

- (c) Install the O-ring on the cooler refrigerant liquid pipe sub-assy B.



- (d) Using SST, connect the cooler refrigerant liquid pipe B to the cooler refrigerant liquid pipe A.

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Torque: 12.4 N·m (126 kgf·cm, 9 ft·lbf)

HINT:

- Use a torque wrench with a fulcrum length of 300 mm (11.81 in.).
- This torque value is effective in case that SST is parallel to a torque wrench.

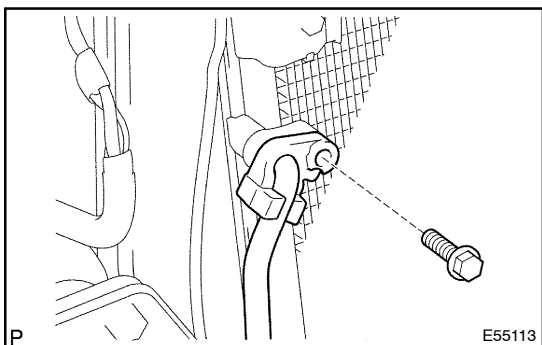
14. INSTALL DISCHARGE HOSE SUB-ASSY

- (a) Remove the attached vinyl tape from the tube and the connecting part of the cooler condenser assy.

- (b) Sufficiently apply compressor oil to the new O-ring and the fitting surfaces of the hose joint.

Compressor oil: ND-OIL 8 or equivalent

- (c) Install the O-ring on the discharge hose sub-assy.



- (d) Install the discharge hose sub-assy on the cooler condenser assy with the bolt.

Torque: 5.4 N·m (55 kgf·cm, 47 in·lbf)

15. ADJUST HOOD LOCK ASSY (See Pub. No. RM864E, page 75-1)

16. CHARGE REFRIGERANT (See Pub. No. RM864E, page 55-22)

SST 07110-58060 (07117-58060, 07117-58070, 07117-58080, 07117-58090, 07117-78050, 07117-88060, 07117-88070, 07117-88080)

Specified amount:

Single A/C: 500 ± 30 g (17.63 ± 1.05 oz.)

Dual A/C: 800 ± 30 g (28.21 ± 1.05 oz.)

17. WARM UP ENGINE (See Pub. No. RM864E, page 55-22)

18. INSPECT LEAKAGE OF REFRIGERANT (See Pub. No. RM864E, page 55-22)