

OVERHAUL

HINT:

COMPONENTS: [See page 55-73](#)

1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM

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

2. REMOVE LOW PITCHED HORN ASSY

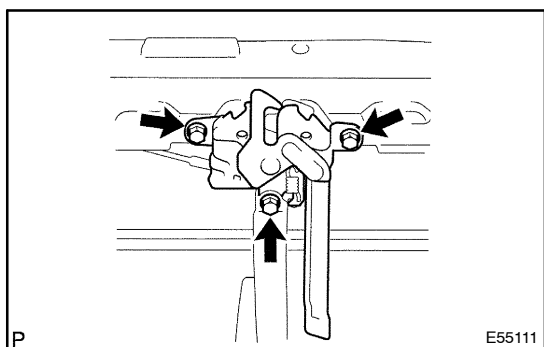
([See page 69-4](#))

3. REMOVE HIGH PITCHED HORN ASSY

([See page 69-4](#))

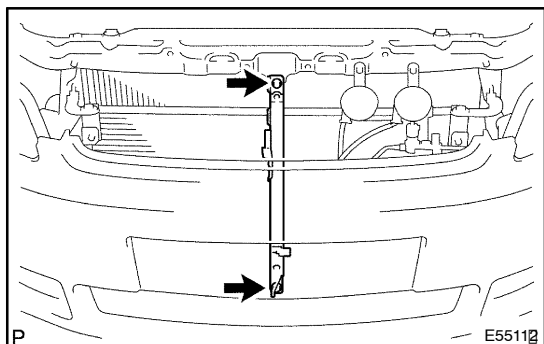
HINT:

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



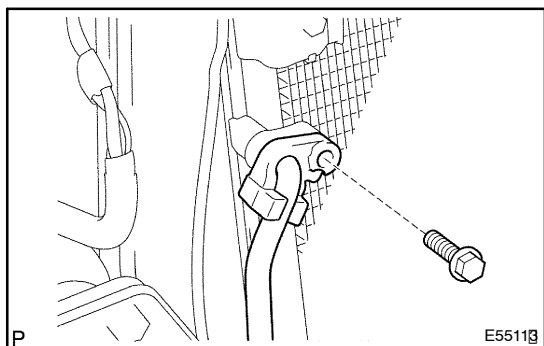
4. REMOVE HOOD LOCK ASSY

- (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.

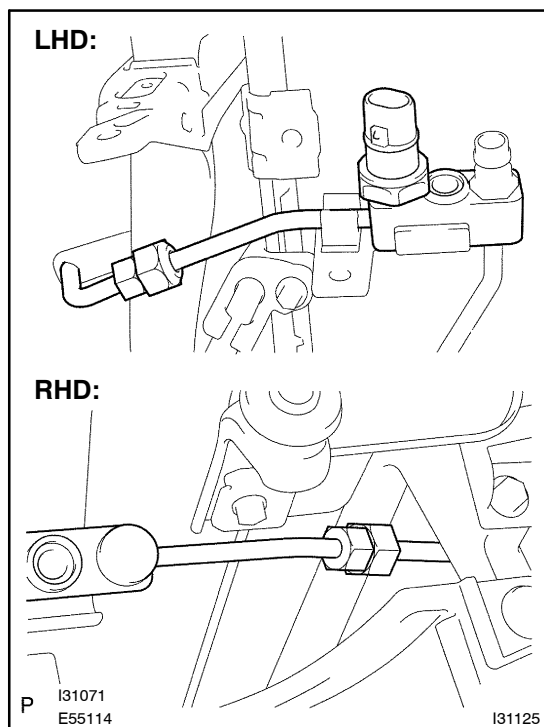


6. SEPARATE DISCHARGE HOSE SUB-ASSY

- (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 opening of the disconnected parts using vinyl tape to prevent moisture and foreign matter from entering.

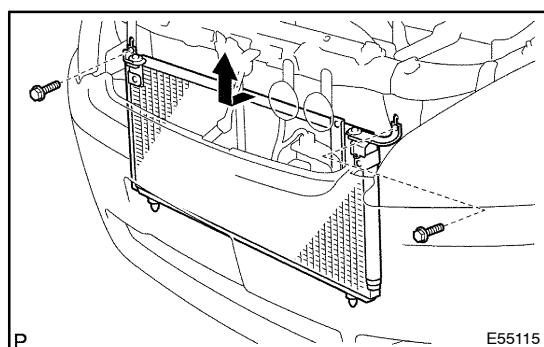


7. SEPARATE COOLER REFRIGERANT LIQUID PIPE B

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

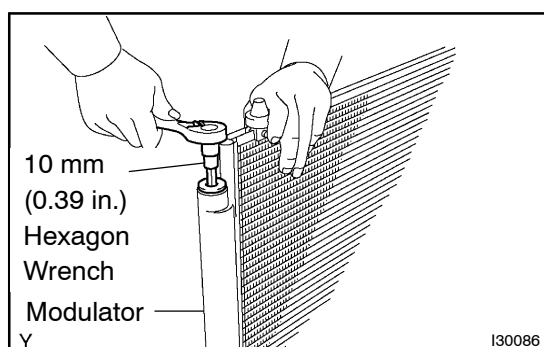
NOTICE:

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



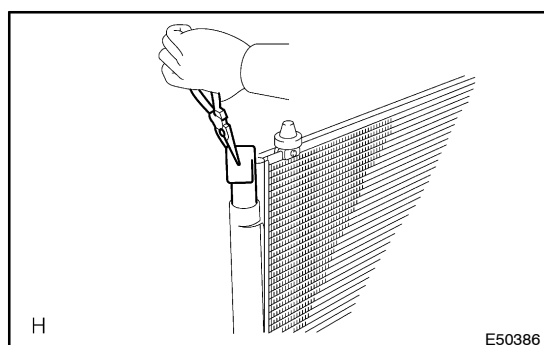
8. REMOVE COOLER CONDENSER ASSY

- Remove the 2 bolts and cooler condenser assy.

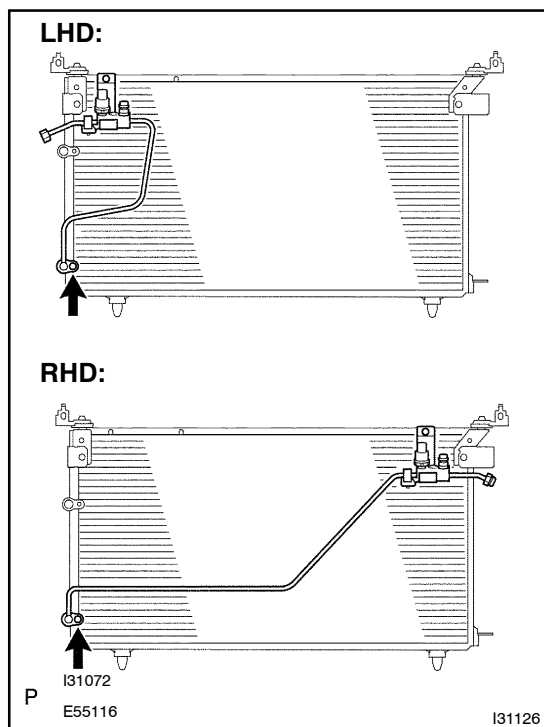


9. REMOVE COOLER DRYER

- Using hexagon wrench 10 mm (0.39 in.), remove the cap and filter from the modulator.
- Remove the 2 O-rings from the cap.



- Using a needle nose pliers, remove the cooler drier.

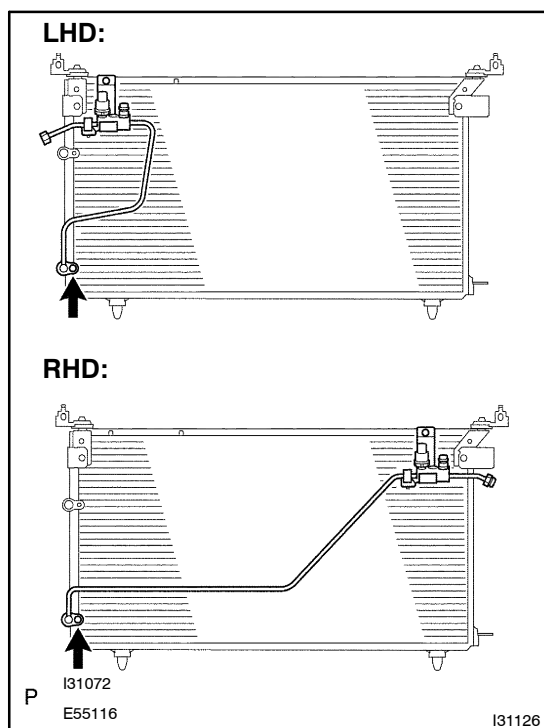
**10. REMOVE COOLER REFRIGERANT LIQUID PIPE A**

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

11. INSTALL COOLER REFRIGERANT LIQUID PIPE A

- Install a new O-ring to the cooler refrigerant liquid pipe A.
- Sufficiently apply compressor oil to the O-ring and pipe joint.

Compressor oil: ND-OIL 8 or equivalent



- Connect the cooler refrigerant liquid pipe A to the cooler condenser assy with the bolt.

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

12. INSTALL COOLER DRYER

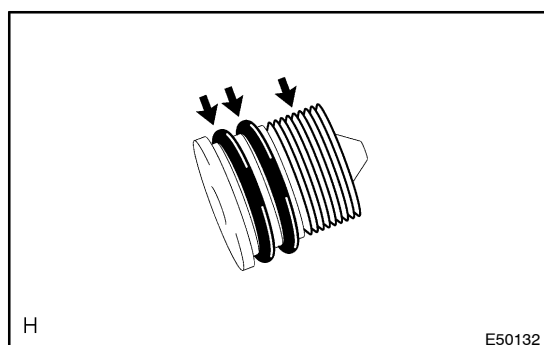
- Using a needle nose pliers, install the cooler drier.
- Install 2 new O-rings to the cap.

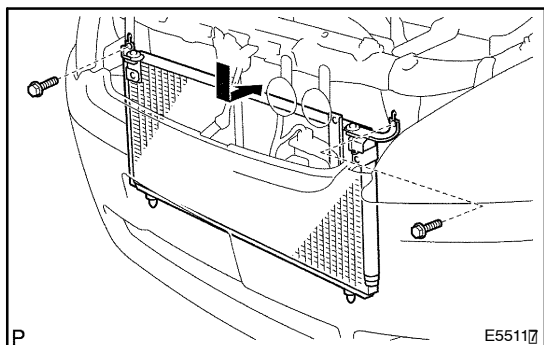
- Sufficiently apply compressor oil to the fit surfaces of the O-ring and the cap.

Compressor oil: ND-OIL 8 or equivalent

- Using hexagon wrench 10 mm (0.39 in.), install the cap to the condenser assy.

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





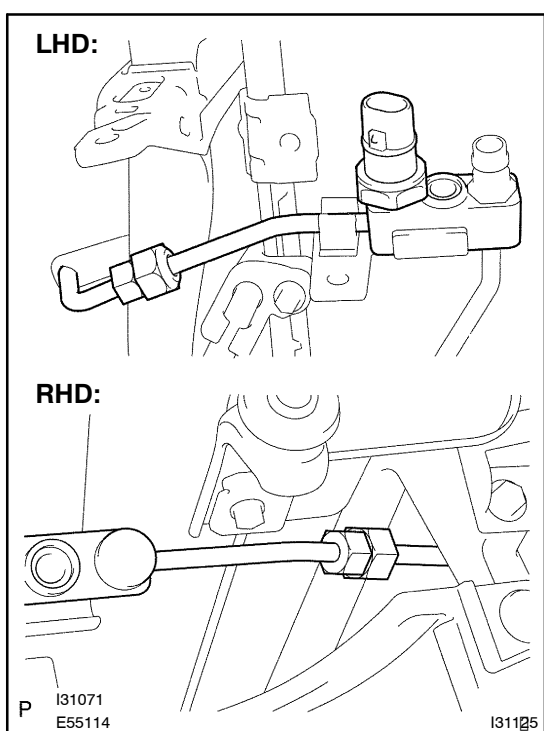
13. INSTALL COOLER/CONDENSER ASSY

- (a) Install the cooler/condenser assy with the 2 bolts.

14. INSTALL COOLER/REFRIGERANT LIQUID PIPE

- (a) Remove the attached vinyl tape from the pipe and condenser assy.
 (b) Install a new O-ring to the cooler/refrigerant liquid pipe.
 (c) Sufficiently apply compressor oil to the O-ring and pipe joint.

Compressor oil: ND-OIL or equivalent



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

SST 09023-12700

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

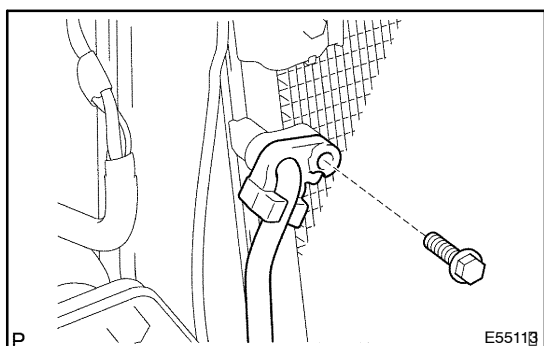
HINT:

- 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.

15. INSTALL DISCHARGE HOSE SUB-ASSY

- (a) Remove the attached vinyl tape from the tube and connecting part of the cooler/condenser assy.
 (b) Install a new O-ring to the discharge hose sub-assy.
 (c) Sufficiently apply compressor oil to the O-ring and tube joint.

Compressor oil: ND-OIL or equivalent



- (d) Connect the to the discharge hose sub-assy to the cooler/condenser assy with the bolt.

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

16. ADJUST HOOD LOCK ASSY (See page 75-1)

17. CHARGE REFRIGERANT

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.)

18. WARM UP ENGINE**19. INSPECT LEAKAGE OF REFRIGERANT (See page 55-28)**