

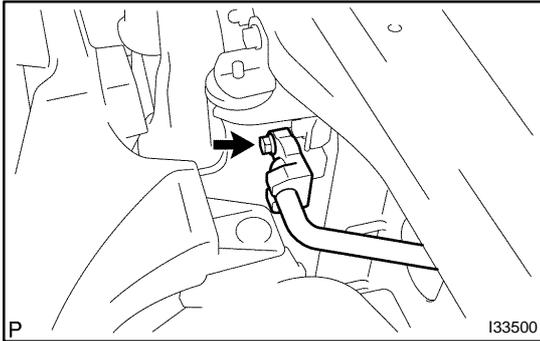
OVERHAUL

HINT:

COMPONENTS: See page 55-38

1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM (See page 55-8)

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

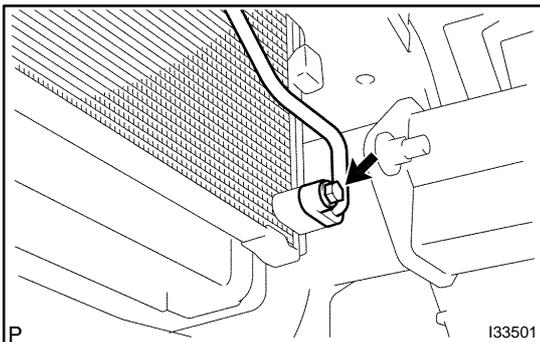


2. DISCONNECT DISCHARGE HOSE SUB-ASSY

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

NOTICE:

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

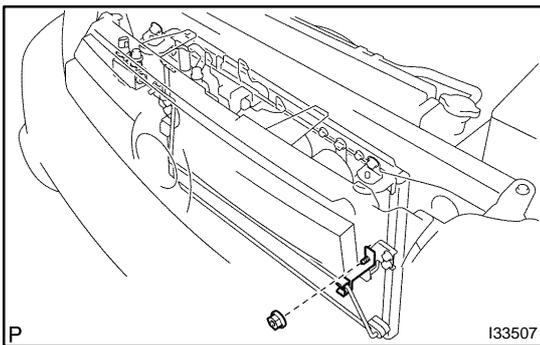


3. DISCONNECT AIR CONDITIONING TUBE ASSY

- (a) Remove the bolt and disconnect the air conditioning tube assy from the cooler condenser assy.
- (b) Remove the O-ring from the air conditioning tube assy.

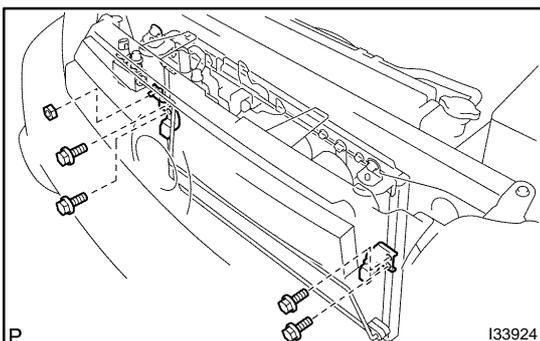
NOTICE:

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

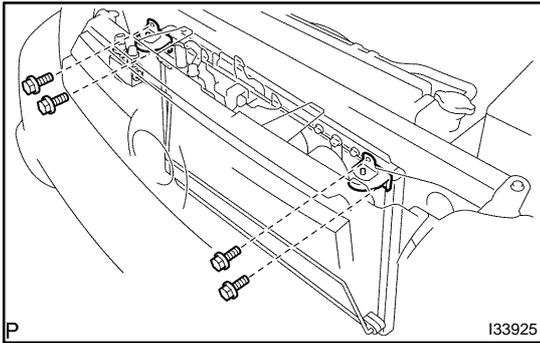


4. REMOVE COOLER CONDENSER CUSHION NO.2

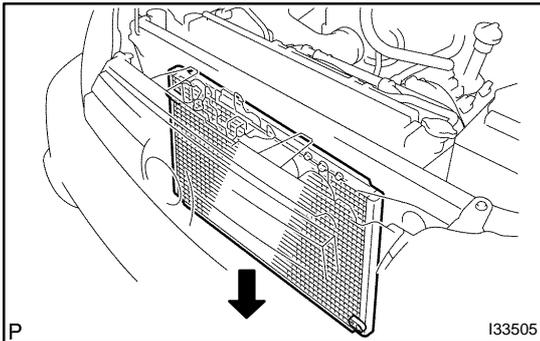
- (a) Remove the nut and cooler condenser bracket No.1.



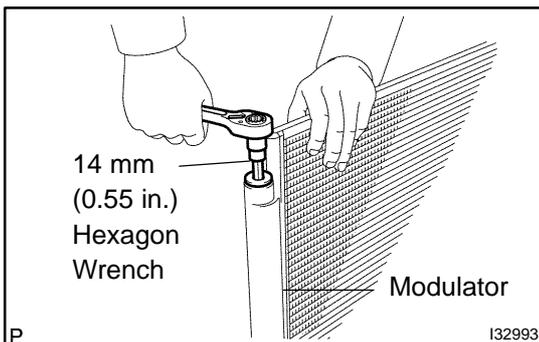
- (b) Remove the 4 bolts, nut and cooler condenser cushion No. 2.



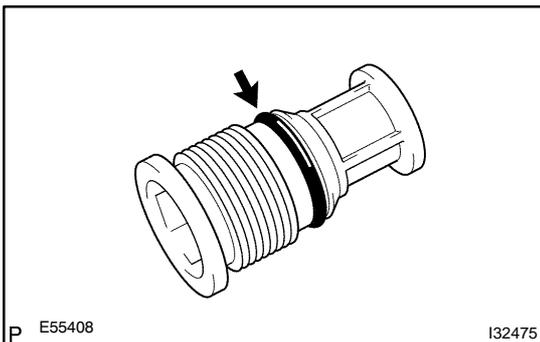
- 5. REMOVE COOLER CONDENSER CUSHION NO.1**
 (a) Remove the 4 bolts and cooler condenser cushion No. 1.



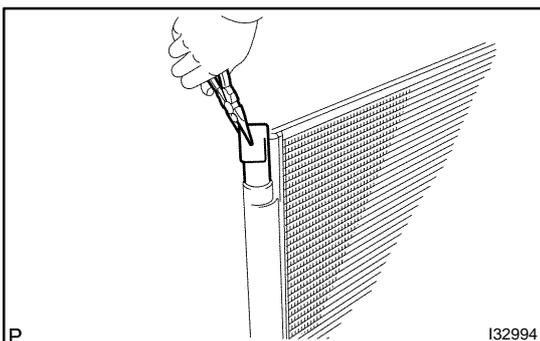
- 6. REMOVE COOLER CONDENSER CORE**
 (a) Remove the cooler condenser core.



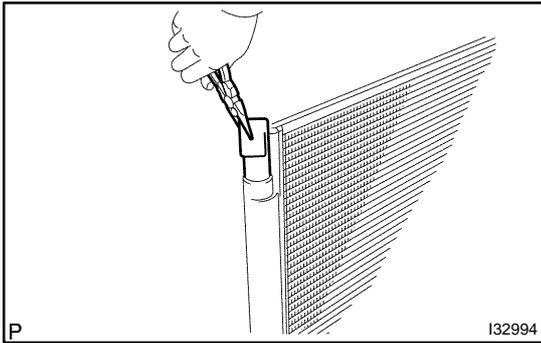
- 7. REMOVE COOLER DRYER**
 (a) Using hexagon wrench 14 mm (0.55 in.), remove the cap and filter from the modulator.



- (b) Remove the O-ring from the cap.

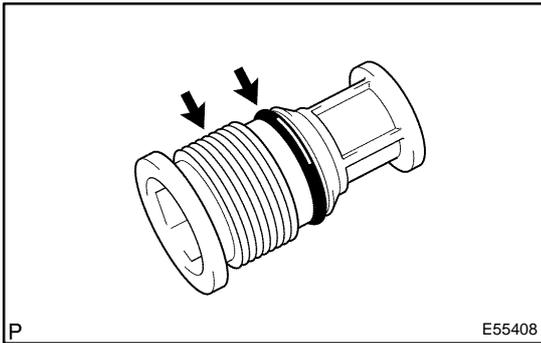


- (c) Using a needle nose pliers, remove the cooler dryer.



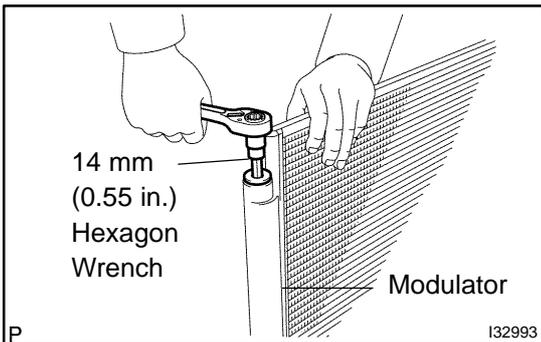
8. INSTALL COOLER DRYER

- (a) Using a needle nose pliers, install the cooler dryer.



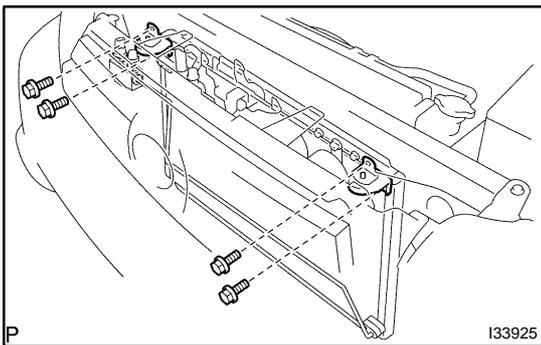
- (b) Install new O-ring on the cap.
- (c) Sufficiently apply compressor oil to the fitting surfaces of the O-ring and the cap.

Compressor oil: ND-OIL 8 or equivalent



- (d) Using hexagon wrench 14 mm (0.55 in.), install the cap to the cooler condenser assy.

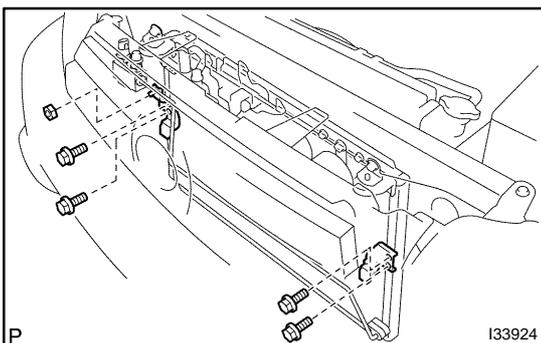
Torque: 2.9 N·m (30 kgf·cm, 25 in.-lbf)



9. INSTALL COOLER CONDENSER CUSHION NO.1

- (a) Install the cooler condenser cushion No. 1 with the 4 bolts.

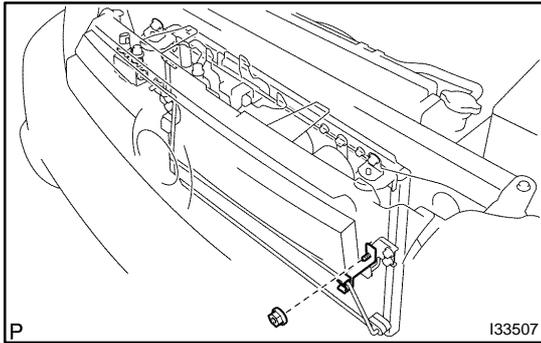
Torque: 5.4 N·m (55 kgf·cm, 47 in.-lbf)



10. INSTALL COOLER CONDENSER CUSHION NO.2

- (a) Install the cooler condenser cushion No. 2 with the 4 bolts and nut.

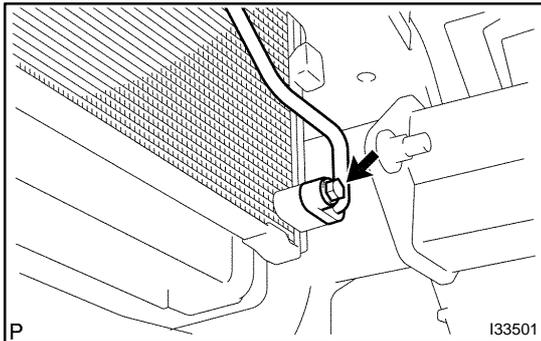
Torque: 5.4 N·m (55 kgf·cm, 47 in.-lbf)



- (b) Install the cooler condenser bracket No.1 with the nut.
Torque: 5.4 N·m (55 kgf·cm, 47 in.-lbf)

11. INSTALL AIR CONDITIONING TUBE ASSY

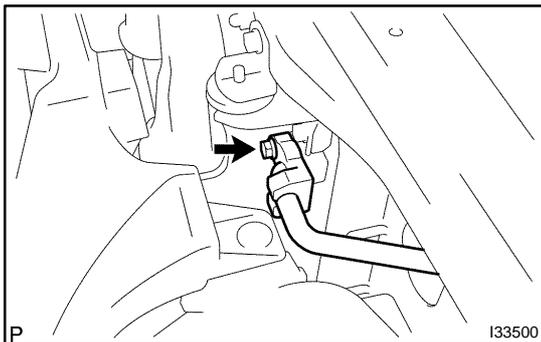
- (a) Remove the attached vinyl tape from the tube and connecting part of the cooler condenser assy.
(b) Sufficiently apply compressor oil to the new O-ring and fitting surface of the pipe joint.
Compressor oil: ND-OIL 8 or equivalent
(c) Install a O-ring on the air conditioning tube assy.



- (d) Connect the air conditioning tube assy on the cooler condenser assy with the bolt.
Torque: 5.4 N·m (55 kgf·cm, 47 in.-lbf)

12. INSTALL DISCHARGE HOSE SUB-ASSY

- (a) Remove the attached vinyl tape from the tube and connecting part of the cooler condenser assy.
(b) Sufficiently apply compressor oil to the new O-ring and fitting surface of the pipe joint.
Compressor oil: ND-OIL 8 or equivalent



- (c) Install a O-ring on the discharge hose sub-assy.
(d) Connect the discharge hose sub-assy on the cooler condenser assy with the bolt.
Torque: 5.4 N·m (55 kgf·cm, 47 in.-lbf)

13. CHARGE REFRIGERANT (See page 55-8)

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

Specified amount: 650 ± 30 g (22.92 ± 1.06 oz.)

14. WARM UP ENGINE (See page 55-8)

15. INSPECT LEAKAGE OF REFRIGERANT (See page 55-8)