

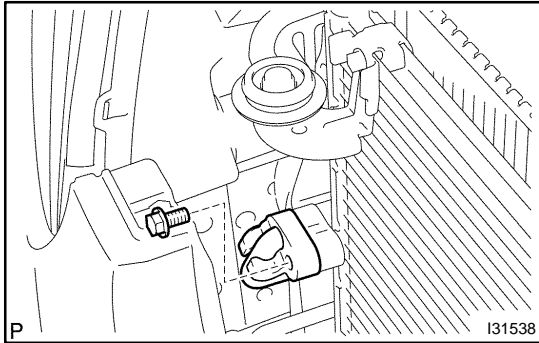
OVERHAUL

HINT:

COMPONENTS: See page 55-75

1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM (See page 55-22)

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

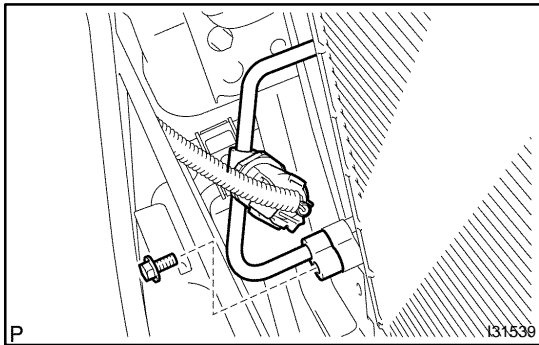


2. REMOVE COOLER REFRIGERANT DISCHARGE HOSE NO.1

- Remove the bolt and disconnect the cooler refrigerant discharge hose No. 1 from the cooler condenser assy.
- Remove the O-ring from the cooler refrigerant discharge hose No. 1.

NOTICE:

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



3. DISCONNECT 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.

NOTICE:

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

4. REMOVE AIR CLEANER INLET ASSY

3MZ-FE: (See page 16-36)

1MZ-FE: (See page 16-36)

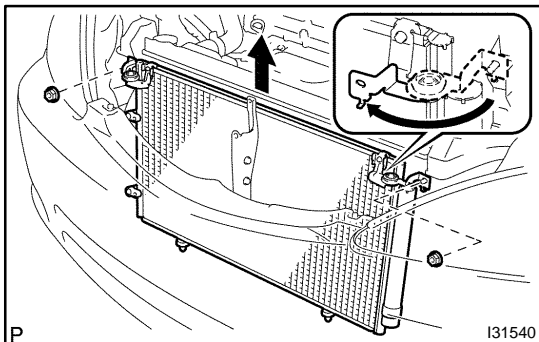
2AZ-FE: (See page 16-15)

5. REMOVE RADIATOR SUPPORT UPPER

3MZ-FE: (See page 16-36)

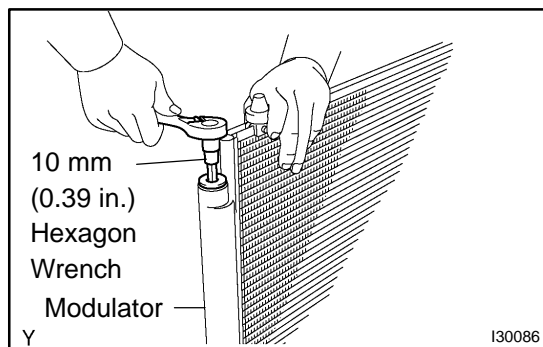
1MZ-FE: (See page 16-36)

2AZ-FE: (See page 16-15)



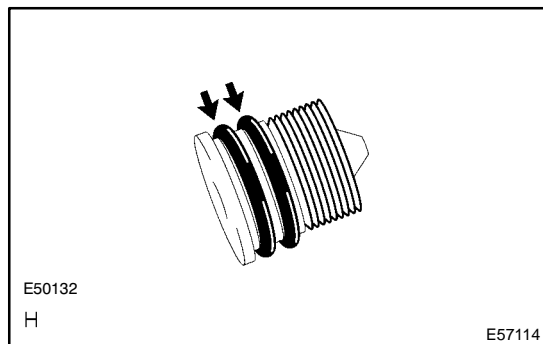
6. REMOVE COOLER CONDENSER ASSY

- Remove the 2 nuts and cooler condenser assy.

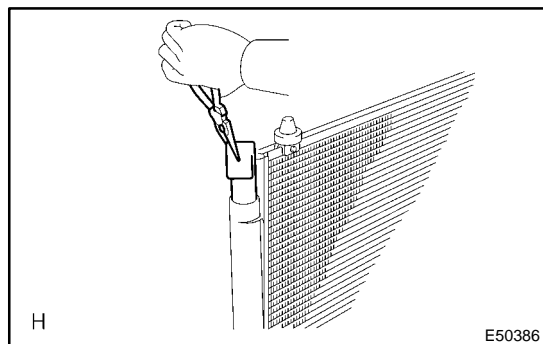


7. REMOVE COOLER DRYER

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



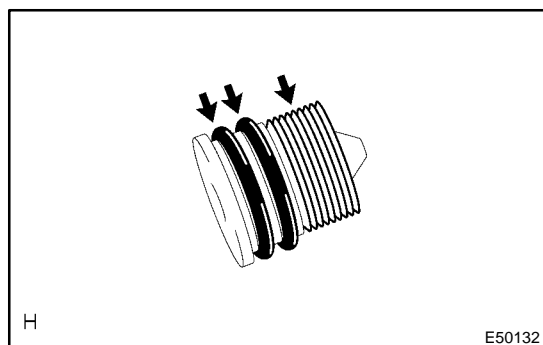
- (b) Remove the 2 O-rings from the cap.



- (c) Using a needle nose pliers, remove the cooler dryer.
SST 99999-60018

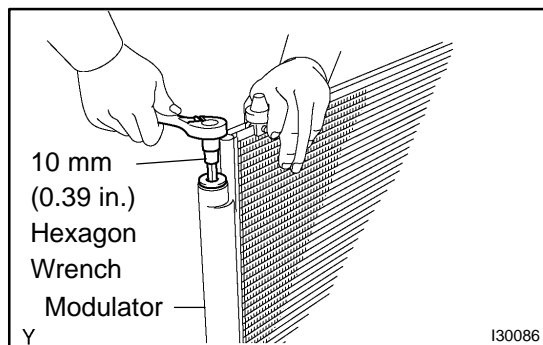
8. INSTALL COOLER DRYER

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



- (b) Install 2 new O-rings to the cap.
(c) Sufficiently apply compressor oil to the fit surfaces of the O-ring and the cap.

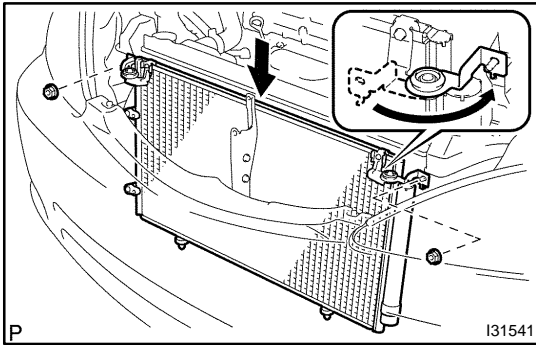
Compressor oil: ND-OIL 8 or equivalent



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

Torque: 12 N·m (125 kgf·cm, 9 ft·lbf)

SST 99999-60018



9. INSTALL COOLER CONDENSER ASSY

- (a) Install the cooler condenser assy with the 2 nuts.
Torque: 9.8 N·m (100 kgf·cm, 85 in·lbf)

10. INSTALL RADIATOR SUPPORT UPPER

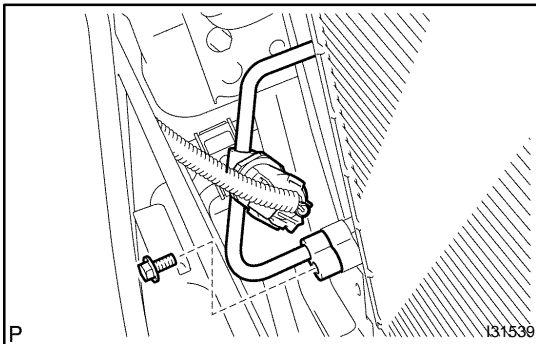
3MZ-FE: (See page 16-36)

1MZ-FE: (See page 16-36)

2AZ-FE: (See page 16-15)

11. INSTALL COOLER REFRIGERANT LIQUID PIPE A

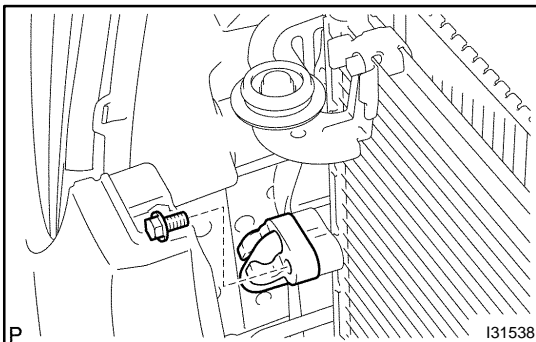
- (a) Remove the attached vinyl tape from the tube and connecting part of the cooler condenser assy.
 (b) Sufficiently apply compressor oil to the new O-ring and pipe joint.
Compressor oil: ND-OIL 8 or equivalent
 (c) Install a O-ring to the cooler refrigerant liquid pipe A.



- (d) 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 REFRIGERANT DISCHARGE HOSE NO.1

- (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 hose joint.
Compressor oil: ND-OIL 8 or equivalent
 (c) Install a O-ring to the cooler refrigerant discharge hose No. 1.



- (d) Connect the cooler refrigerant discharge hose No. 1 to the cooler condenser assy with the bolt.
Torque: 5.4 N·m (55 kgf·cm, 47 in·lbf)

13. CHARGE REFRIGERANT (See page [55-22](#))

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

Specified amount: 550 ± 50 g (19.37 ± 1.76 oz.)

14. WARM UP ENGINE**15. INSPECT LEAKAGE OF REFRIGERANT (See page [55-22](#))**