551CA–01

REPLACEMENT

HINT:

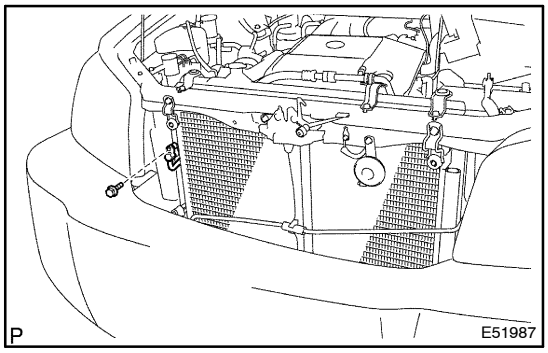
COMPONENTS for cooler condenser assy: See page 55–43.

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. REMOVE BATTERY

3. REMOVE RADIATOR GRILLE (SEE PAGE 76–2)



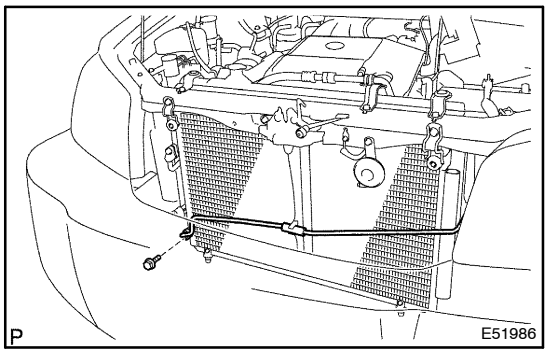
4. DISCONNECT COOLER REFRIGERANT DISCHARGE PIPE A

(a) Remove the bolt and disconnect the cooler refrigerant discharge pipe A from the condenser assy.

(b) Remove the O–ring from the cooler refrigerant discharge pipe.

NOTICE:

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



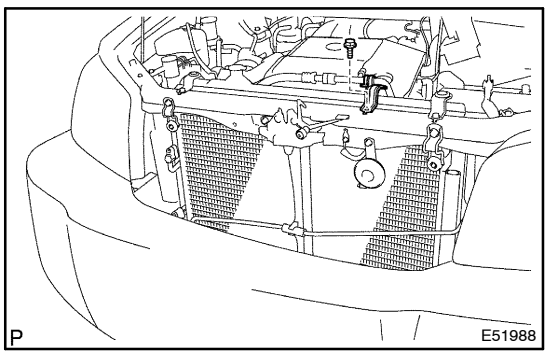
5. DISCONNECT COOLER REFRIGERANT LIQUID PIPE A

(a) Remove the bolt and disconnect the cooler refrigerant liquid pipe A from the condenser assy.

(b) Remove the O–ring from the cooler refrigerant liquid A pipe.

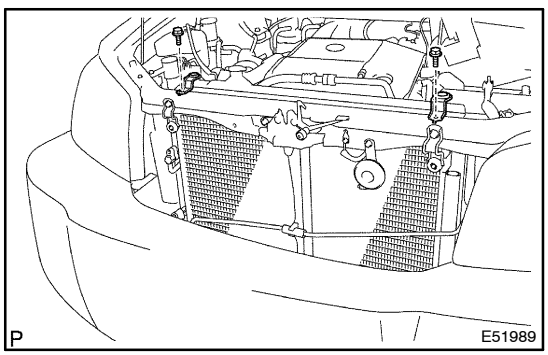
NOTICE:

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

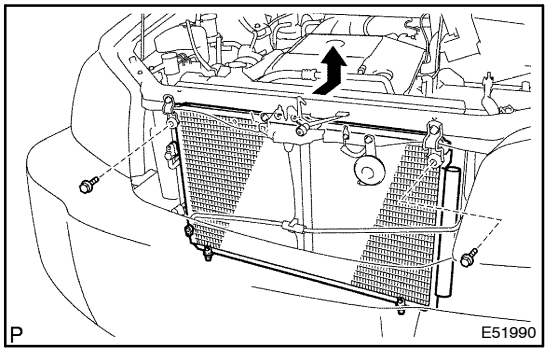


6. REMOVE COOLER CONDENSER ASSY

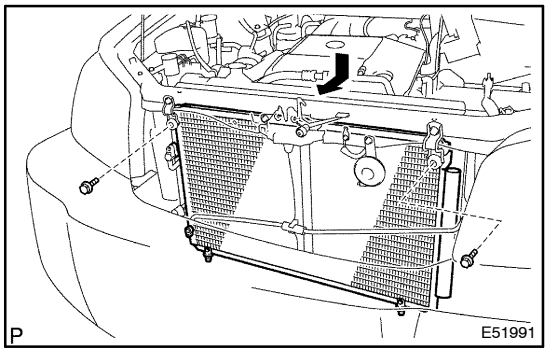
(a) Remove the bolt and disconnect the piping clamp.



(b) Remove the 2 bolts and 2 radiator upper supports.



(c) Remove the 2 bolts and slide the upper part of the radiator rearward to remove the cooler condenser assy.

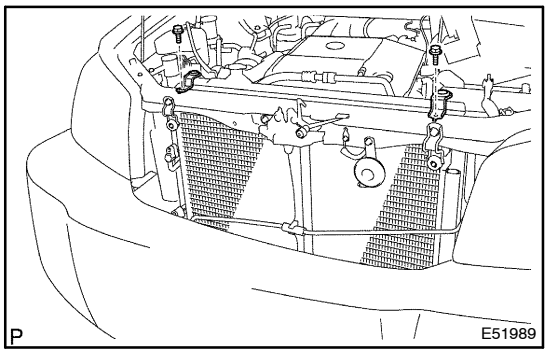


7. INSTALL COOLER CONDENSER ASSY

(a) Insert the bush on the lower side of the cooler condenser assy into the cross member.

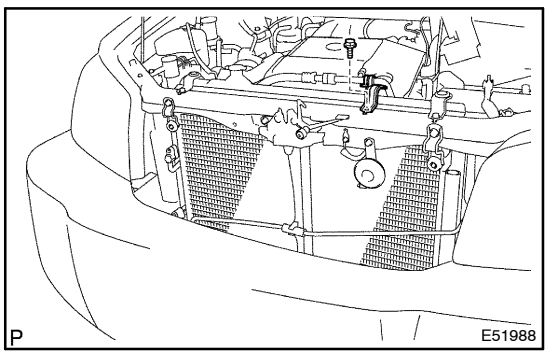
(b) Install the cooler condenser assy and 2 bolts.

Torque: 9.8 N·m (100 kgf·cm, 87 in.·lbf)

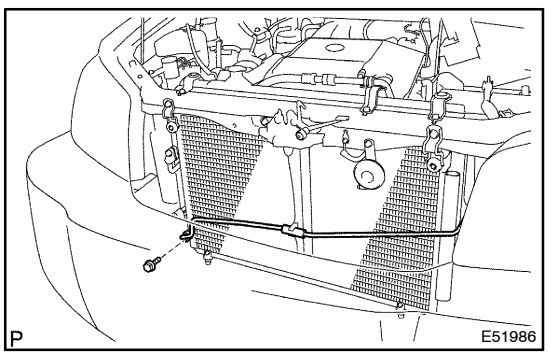


(c) Install the radiator upper support and 2 bolts to the upper part of the radiator.

Torque: 9.8 N·m (100 kgf·cm, 87 in.·lbf)



(d) Install the piping clamp with the bolt.



8. INSTALL COOLER REFRIGERANT LIQUID PIPE A

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

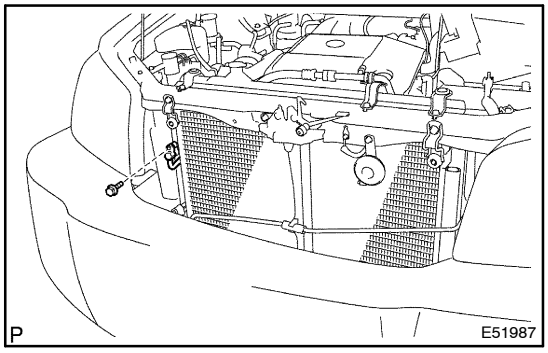
(b) Sufficiently apply compressor oil to the O–ring and pipe joint.

Compressor oil: ND–OIL 8 or equivalent

(c) Install a new O–ring to the cooler refrigerant liquid pipe A.

(d) Connect the cooler refrigerant liquid pipe A to the condenser assy with the bolt.

Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)



9. INSTALL COOLER REFRIGERANT DISCHARGE PIPE A

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

(b) Sufficiently apply compressor oil to the O–ring and tube joint.

Compressor oil: ND–OIL 8 or equivalent

(c) Install a new O–ring to the cooler refrigerant discharge tube.

(d) Connect the cooler refrigerant discharge pipe A to the condenser assy with the bolt.

Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)

10. 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 ± 50 g (22.93 ± 1.76 oz.)

11. WARM UP ENGINE (SEE PAGE 55–8)

12. INSPECT LEAKAGE OF REFRIGERANT (SEE PAGE 55–8)