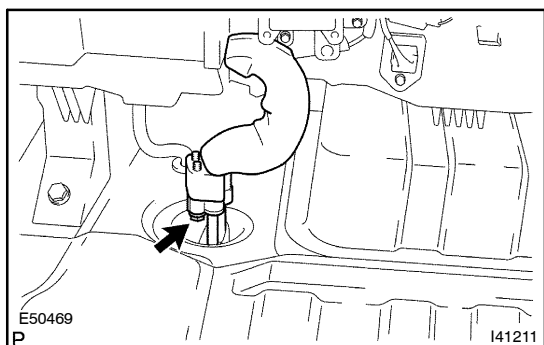


OVERHAUL

HINT:

- Installation is in the reverse order of removal.
 - COMPONENTS: See page 55-54.
1. EVACUATE REFRIGERANT (HFC-134A (R134A)) (SEE PAGE 76-33)
 2. REMOVE LUGGAGE COMPARTMENT FLOOR MAT (SEE PAGE 76-33)
 3. REMOVE DECK TRIM SIDE BOARD RH (SEE PAGE 76-33)
 4. REMOVE DECK TRIM SIDE BOARD LH (SEE PAGE 76-33)
 5. REMOVE LUGGAGE COMPARTMENT TRIM COVER FRONT (SEE PAGE 76-33)
 6. REMOVE REAR SEAT CUSHION ASSY (SEE PAGE 70-15)
 7. REMOVE REAR SEAT BACK ASSY (SEE PAGE 70-15)
 8. REMOVE PACKAGE TRAY TRIM PANEL ASSY (SEE PAGE 70-15)
 9. REMOVE ROOF SIDE GARNISH INNER RH (SEE PAGE 70-15)
 10. REMOVE ROOF SIDE GARNISH INNER LH (SEE PAGE 70-15)
 11. REMOVE PACKAGE TRAY TRIM PANEL ASSY (SEE PAGE 70-15)



12. REMOVE PIPE COOLER REFRIGERANT SUCTION A

- (a) Remove the bolt and pipe cooler refrigerant suction A.

NOTICE:

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

- (b) Remove the O-ring.

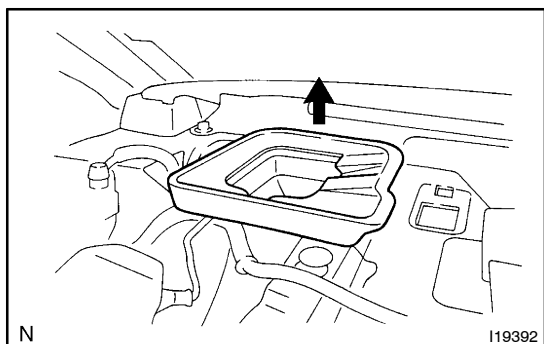
13. REMOVE A PIPE COOLER REFRIGERANT LIQUID

- (a) Remove the bolt and A pipe cooler refrigerant liquid.

NOTICE:

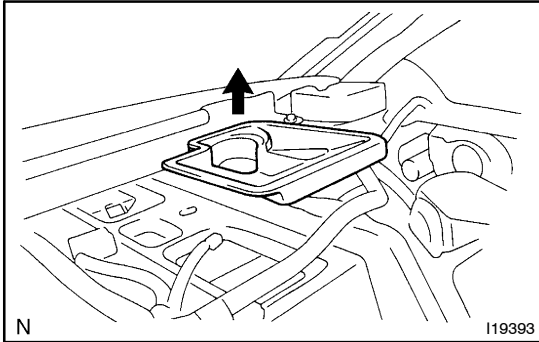
Seal the openings of the disconnected parts using vinyl tape to prevent moisture and foreign matter from entering.

- (b) Remove the O-ring.

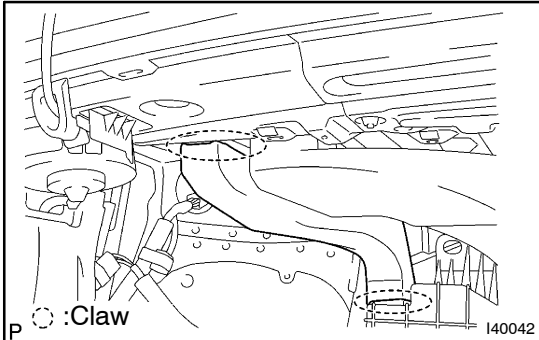


14. REMOVE AIR DUCT NO.3

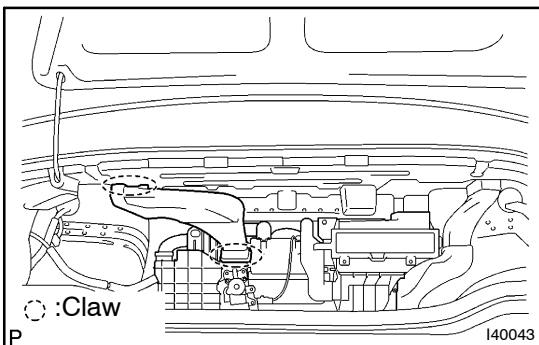
- (a) Remove air duct No.3.

**15. REMOVE AIR DUCT NO.5**

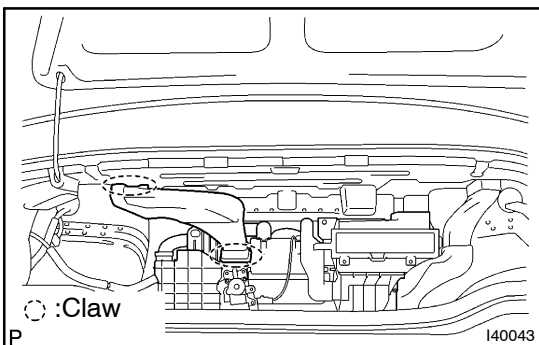
- (a) Remove air duct No.5.

**16. REMOVE AIR DUCT NO.1**

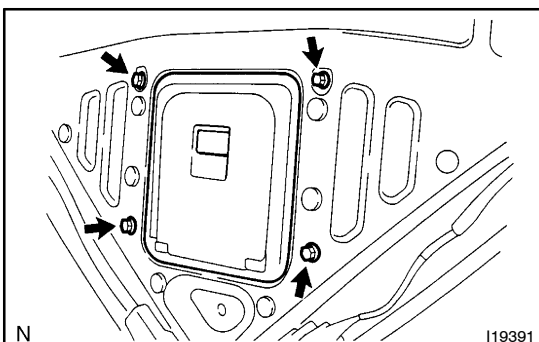
- (a) Release the claw and remove air duct No.1.

**17. REMOVE AIR DUCT NO.2**

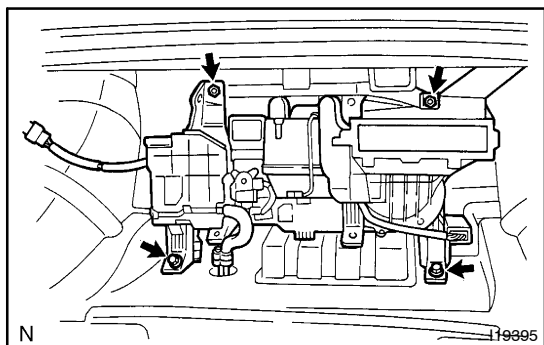
- (a) Release the claw and remove air duct No.2.

**18. REMOVE AIR DUCT NO.4**

- (a) Release the claw and remove air duct No.4.

**19. REMOVE REAR AIR CONDITIONING UNIT ASSY**

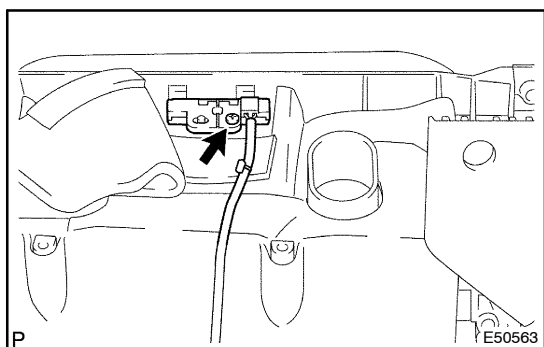
- (a) w/ cooling box models:
Remove the 4 cool box set bolts.



- (b) Disconnect the connector.
- (c) Remove the 2 nuts and 2 bolts.
- (d) Remove the rear air conditioner unit assy.

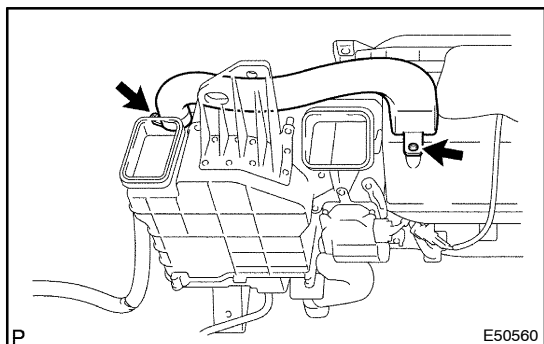
20. REMOVE COOLER UNIT DRAIN HOSE NO.2

21. REMOVE REAR COOLER FILTER



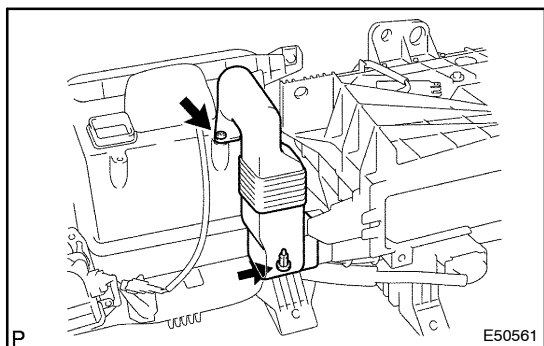
22. REMOVE COOLING BOX LAMP SUB-ASSY(W/COOL-ING BOX MODELS)

- (a) Disconnect the connector.
- (b) Remove the screw and cooling box lamp sub-assy.



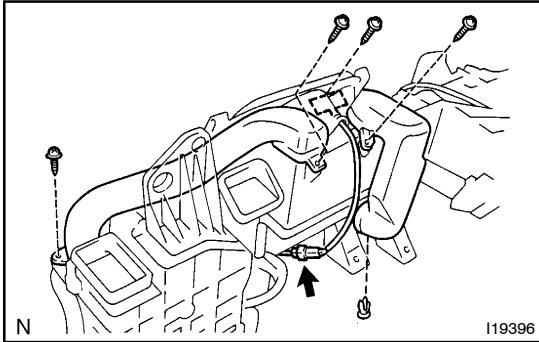
23. REMOVE COOLER AIR DUCT NO.1

- (a) Remove the 2 screws and cooler air duct No.1.

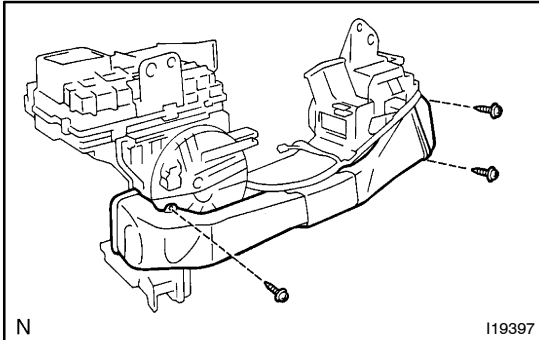


24. REMOVE COOLER AIR DUCT NO.2

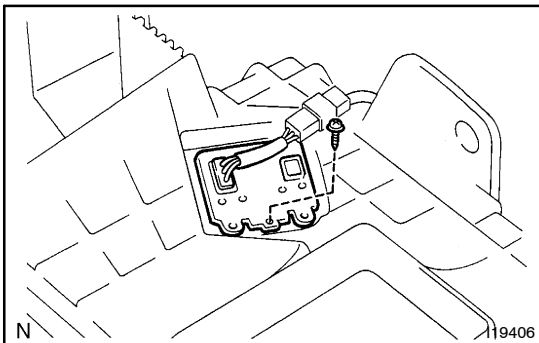
- (a) Remove the screw, clip and cooler air duct No.2.

**25. REMOVE COOLING BOX ASSY**

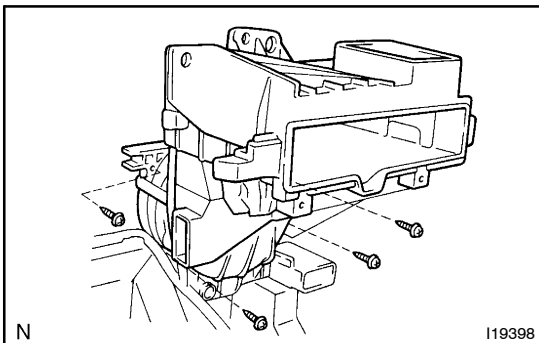
- (a) w/cooling box models:
Remove the 3 screws, clip and 2 ducts.
- (b) Disconnect the connector.
- (c) Remove the screw and cooling box light.
- (d) Remove the cooling box.

**26. REMOVE COOLER AIR DUCT NO.3**

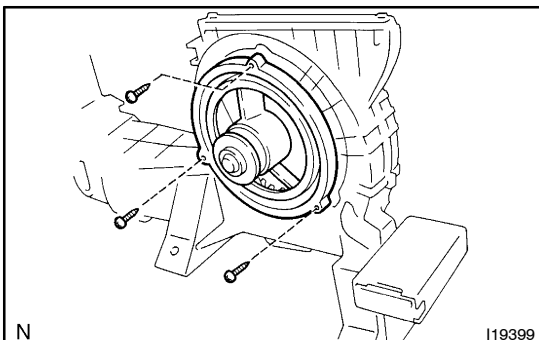
- (a) Remove the 3 screws and cooler air duct No.3.

**27. REMOVE SMOKE SENSOR**

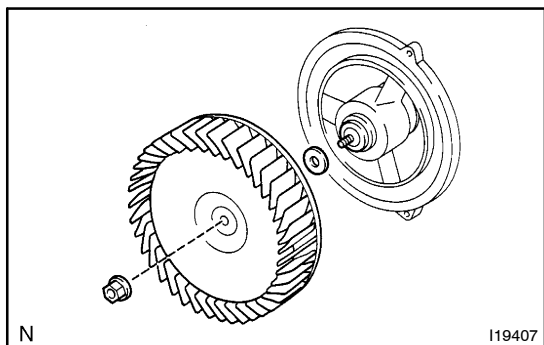
- (a) Disconnect the connector.
- (b) Remove the screw and smoke sensor.

**28. REMOVE BLOWER MOTOR SUB-ASSY**

- (a) Remove the 4 screws and rear cooling unit case.
- (b) Disconnect the connector.

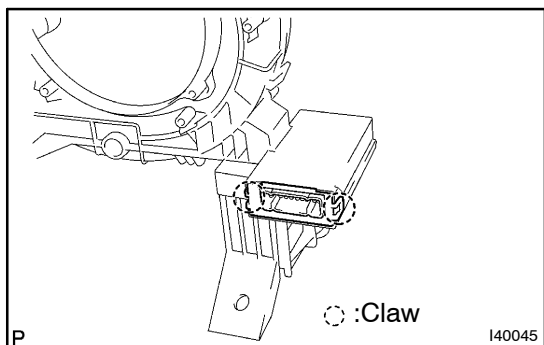


- (c) Remove the 3 screws and blower motor sub-assy.



29. REMOVE COOLING UNIT BLOWER FAN

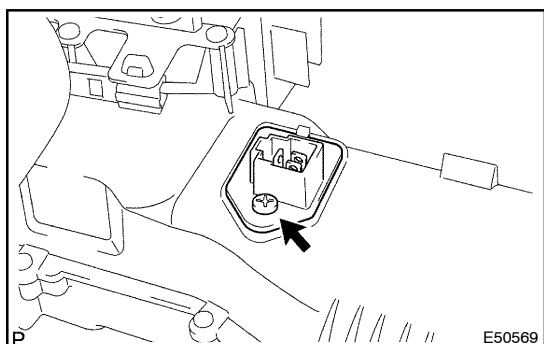
- (a) Remove the nut and cooling unit blower fan.



30. REMOVE AIR CONDITIONING AMPLIFIER ASSY

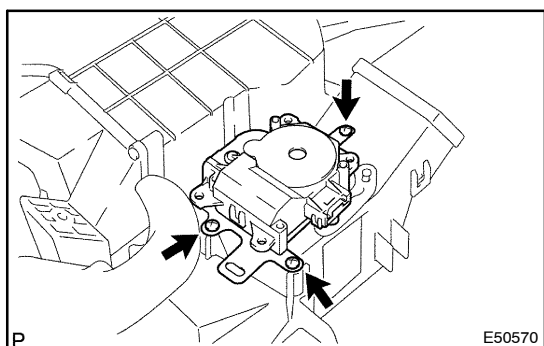
- (a) Disconnect the connector.
 (b) Release the claw and remove the air conditioning amplifier assy.

31. WIRING AIR INDICATOR HARNESS SUB-ASSY NO.2



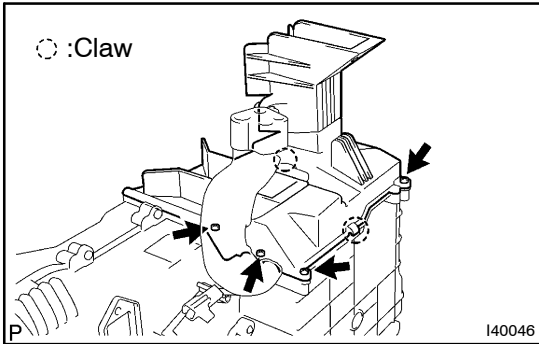
32. REMOVE BLOWER RESISTOR

- (a) Remove the screw and blower resistor.

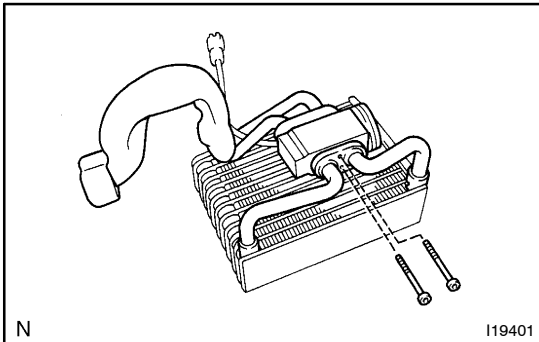


33. REMOVE EXHAUST DAMPER SERVOMOTOR

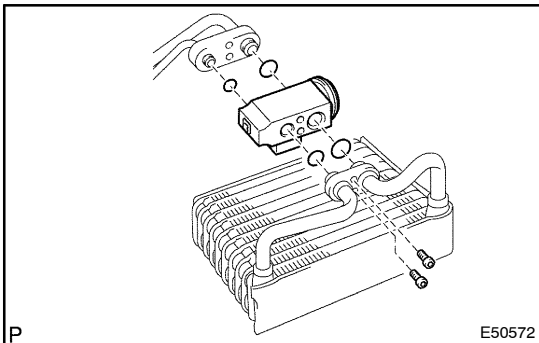
- (a) Remove the 3 screws and exhaust damper servomotor.

**34. REMOVE EVAPORATOR SUB-ASSY (REAR)**

- (a) Remove the 4 screws and cooler cover plate.
- (b) Remove the evaporator sub-assy (rear).

**35. REMOVE REAR COOLING UNIT EXPANSION VALVE**

- (a) Using a hexagon wrench 5 mm (0.20 in.), remove the 2 hexagon bolts, air conditioning tube assy and rear cooling unit expansion valve.
- (b) Remove the 4 O-rings from the rear cooling unit expansion valve.

**36. INSTALL REAR COOLING UNIT EXPANSION VALVE**

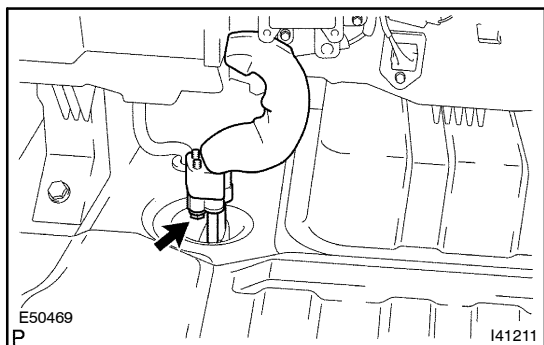
- (a) Sufficiently apply compressor oil to 4 new O-rings and fitting surface of the cooler expansion valve.
Compressor oil: ND-OIL 8 or equivalent
- (b) Install the 4 O-rings on the rear cooling unit expansion valve.
- (c) Using a hexagon wrench 5 mm (0.20 in.), install the rear cooling unit expansion valve, air conditioning tube assy with the 2 hexagon bolts.

Torque: 3.5 N·m (36 kgf·cm, 31 in·lbf)

37. INSTALL A PIPE COOLER REFRIGERANT LIQUID

- (a) Sufficiently apply compressor oil to a new O-ring and fitting surface of the liquid tube.
Compressor oil: ND-OIL 8 or equivalent
- (b) Install the O-ring on the liquid tube.
- (c) Install the liquid tube with a bolt.

Torque: 3.5 N·m (35 kgf·cm, 30 in·lbf)

**38. INSTALL PIPE COOLER REFRIGERANT SUCTION**

- (a) Sufficiently apply compressor oil to a new O-ring and fitting surface of the suction hose.

Compressor oil: ND-OIL or equivalent

- (b) Install the O-ring on the suction hose.
 (c) Install the suction hose with a bolt.

Torque: 3.5 N·m (35 kgf·cm, 30 in.·lb)

39. CHARGE REFRIGERANT (SEE PAGE 55-11)

40. WARM UP ENGINE

41. INSPECT FOR REFRIGERANT LEAKAGE (SEE PAGE 55-11)