

REMOVAL

1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM

HINT:

See page [AC-128](#).

2. DISCONNECT BATTERY NEGATIVE TERMINAL

CAUTION:
Wait for 90 seconds after disconnecting the cable to prevent the airbag working.

3. REMOVE FRONT WIPER ARM AND BLADE ASSEMBLY RH (See page [WW-37](#))

4. REMOVE FRONT WIPER ARM AND BLADE ASSEMBLY LH (See page [WW-37](#))

5. REMOVE COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY (See page [WW-37](#))

6. REMOVE WINDSHIELD WIPER LINK ASSEMBLY (See page [WW-37](#))

7. REMOVE COWL TOP PANEL OUTER SUB-ASSEMBLY (See page [EM-113](#))

8. DISCONNECT AIR CONDITIONING TUBE AND ACCESSORY ASSEMBLY

(a) Install SST on the piping clamp.

SST 09870-00025

HINT:

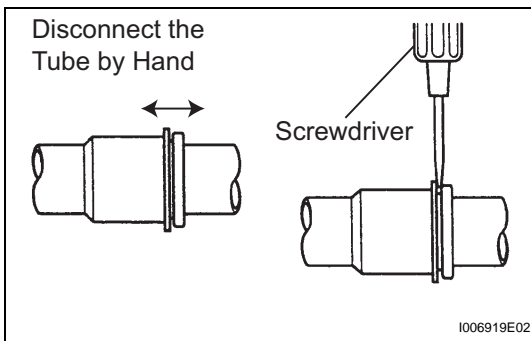
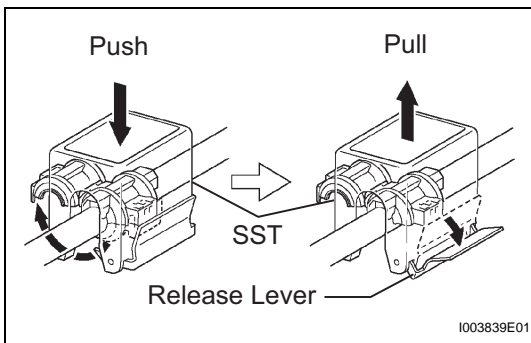
Make sure the direction of the piping clamp and SST by seeing the illustration shown on the caution label.

(b) Push down SST and release the clamp lock.

NOTICE:

Do not deform the tube when pushing the SST.

(c) Pull the SST slightly and push the release lever, and then remove the piping clamp with SST.



(d) Disconnect the air conditioning tube and accessory assembly.

NOTICE:

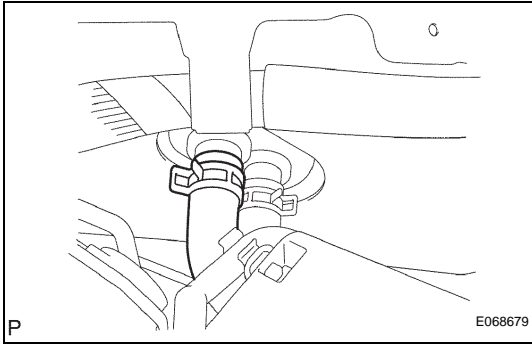
- Do not use tools like a screwdriver to remove the tube.
- Cap the open fittings immediately to keep moisture or dirt out of the system.

(e) Remove the 2 O-rings from the air conditioning tube and accessory assembly.

9. DISCONNECT COOLER REFRIGERANT SUCTION HOSE NO.1

SST 09870-00015

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**HINT:**

Disconnection of the cooler refrigerant suction hose No. 1 is the same as the air conditioning tube and accessory assembly.

10. DISCONNECT HEATER WATER OUTLET HOSE

- (a) Using pliers, grip the claws of the clip and slide the clip, and then disconnect the heater water outlet hose.

NOTICE:

- Do not apply any excessive force to the heater water outlet hose.
- Prepare a drain pan or cloth for cooling water leaks.

11. DISCONNECT HEATER WATER INLET HOSE**HINT:**

Disconnection of the heater water inlet hose is same as the heater water outlet hose.

12. REMOVE INSTRUMENT PANEL ASSEMBLY**HINT:**

Refer to the instructions for removal of the instrument panel assembly (See page [IP-10](#)).

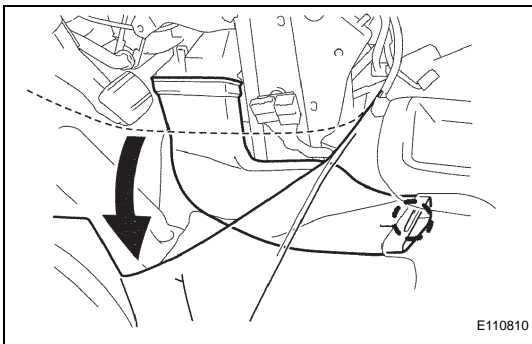
13. REMOVE AIR CONDITIONER AMPLIFIER ASSEMBLY (See page [AC-193](#))**14. REMOVE AIR DUCT REAR NO.2**

- (a) Turn back the floor carpet.

HINT:

Turn back the floor carpet so that the air duct rear No. 2 can be removed.

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

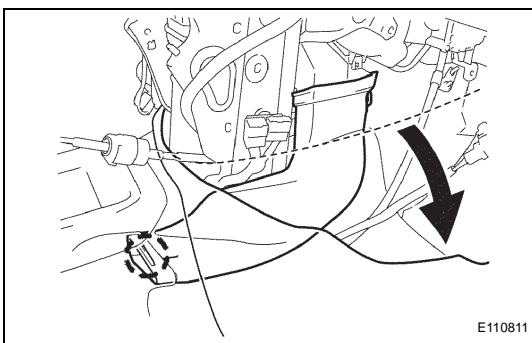
**15. REMOVE AIR DUCT REAR NO.1**

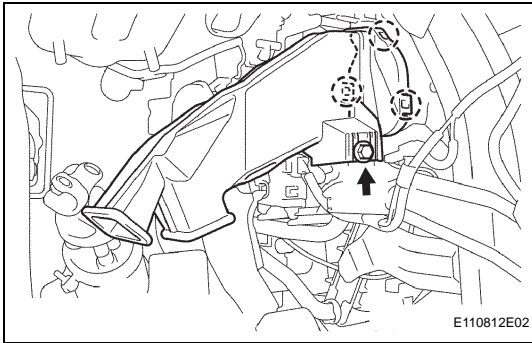
- (a) Turn back the floor carpet.

HINT:

Turn back the floor carpet so that the air duct rear No. 1 can be removed.

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



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

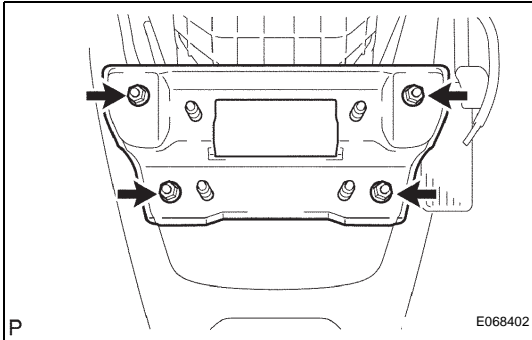
- (a) Remove the bolt.
- (b) Release the 3 claws and remove the air duct No. 1.

17. DISCONNECT TRANSMISSION CONTROL CABLE ASSEMBLY

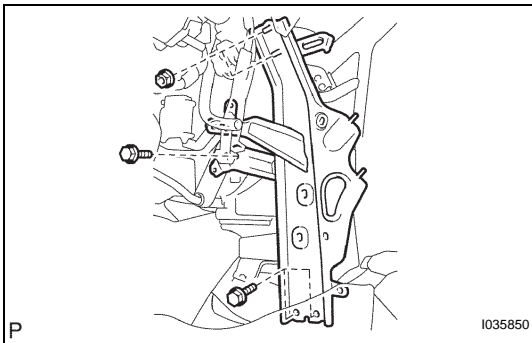
HINT:

See page [AX-160](#) for U151E, [AX-160](#) for U151F.**18. REMOVE SHIFT LEVER**

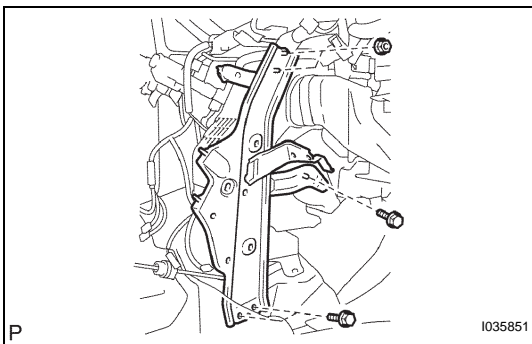
HINT:

See page [AX-178](#) for U151E, [AX-181](#) for U151F.**19. REMOVE INSTRUMENT PANEL BRACKET NO.4**

- (a) Remove the 4 nuts and instrument panel bracket No. 4.

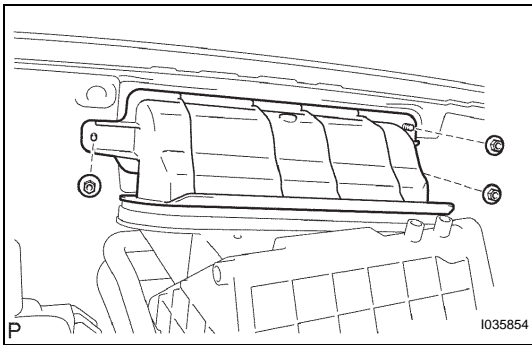
**20. REMOVE INSTRUMENT PANEL BRACE NO.1 SUB-ASSEMBLY**

- (a) Remove the clamp and disconnect the connector.
- (b) Remove the 3 bolts and 2 nuts and instrument panel brace No. 1 sub-assembly.

**21. REMOVE INSTRUMENT PANEL BRACE NO.2 SUB-ASSEMBLY**

- (a) Remove the clamp and disconnect the connector.
- (b) Remove the 3 bolts and 2 nuts and instrument panel brace No. 2 sub-assembly.

22. SEPARATE STEERING INTERMEDIATE SHAFT SUB-ASSEMBLY (Manual Tilt Type) (See page [SR-40](#))**23. SEPARATE STEERING INTERMEDIATE SHAFT SUB-ASSEMBLY (Power Tilt and Power Type) (See page [SR-51](#))****24. REMOVE STEERING COLUMN ASSEMBLY (Manual Tilt Type) (See page [SR-41](#))****25. REMOVE STEERING COLUMN ASSEMBLY (Power Tilt and Power Type) (See page [SR-52](#))**

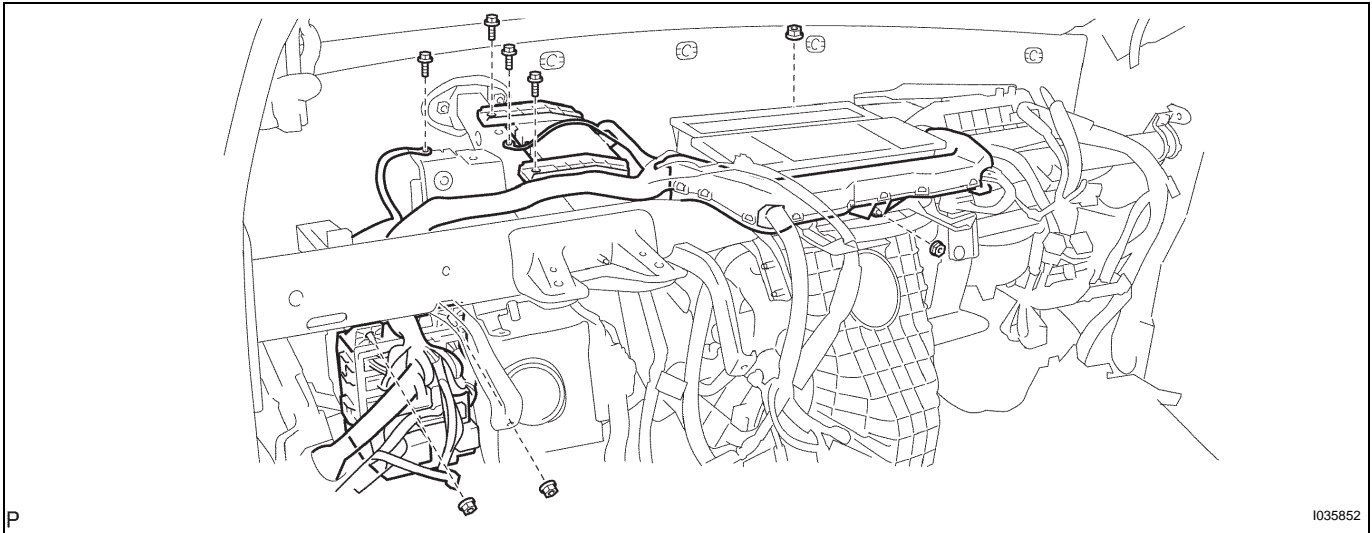
**26. REMOVE AIR DUCT NO.1 SUB-ASSEMBLY**

- (a) Remove the 3 nuts and air duct No. 1 sub-assembly.

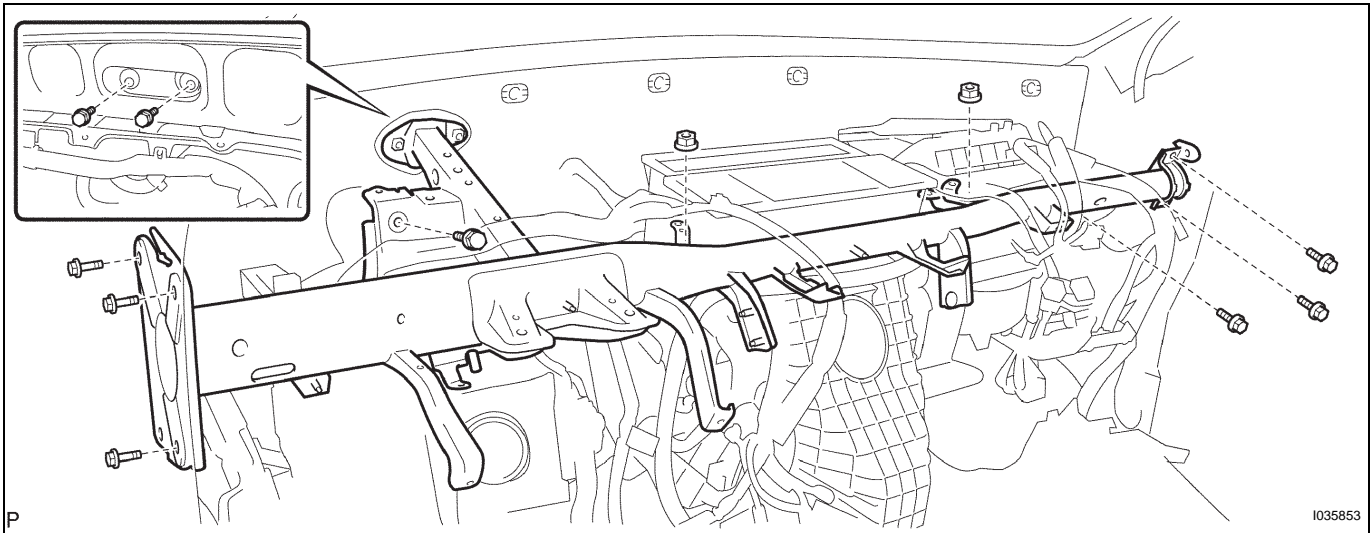
27. REMOVE INSTRUMENT PANEL REINFORCEMENT ASSEMBLY

- (a) Remove the 4 bolts and 4 nuts.

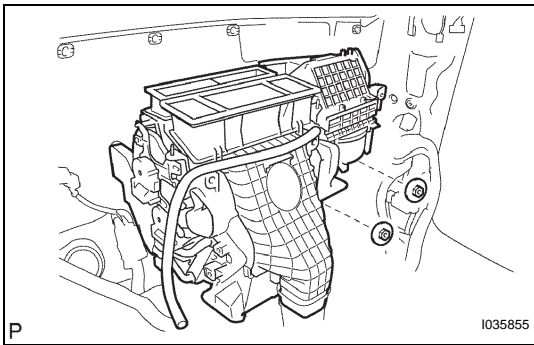
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- (b) Remove the clamp.
 (c) Disconnect the connectors.
 (d) Remove the 9 bolts and the 2 nuts and then remove the instrument panel reinforcement while holding the air conditioner unit assembly.

**HINT:**

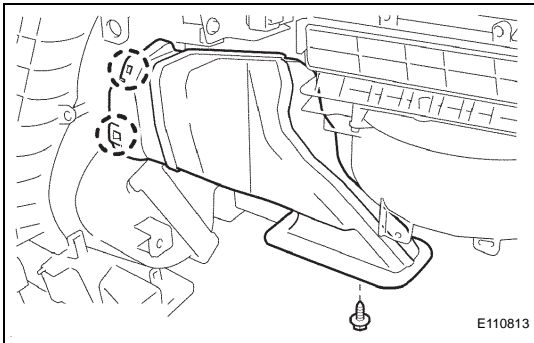
Make sure to hold the air conditioner unit assembly securely as its bracket installation parts may be damaged.

**28. REMOVE AIR CONDITIONER UNIT ASSEMBLY**

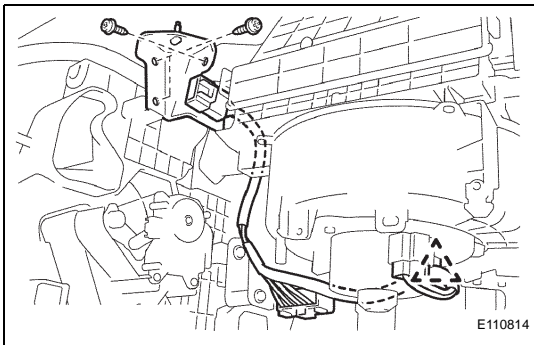
- (a) Remove the 2 nuts and air conditioner unit assembly.

HINT:

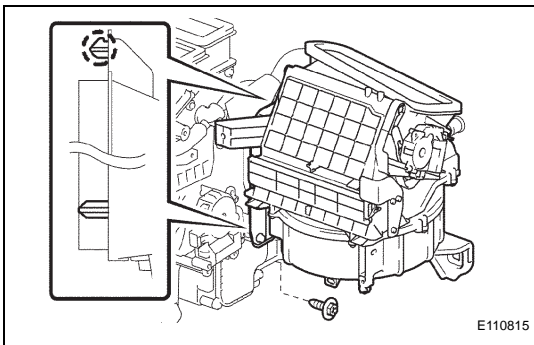
Make sure to hold the air conditioner unit assembly securely as its bracket installation parts may be damaged.

**29. REMOVE AIR DUCT NO.2**

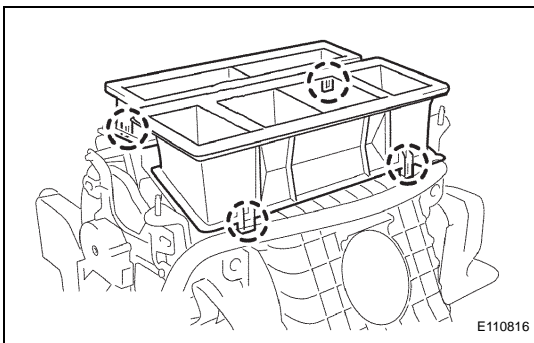
- (a) Remove the screw.
- (b) Release the 2 claws and remove the air duct No. 2.

**30. REMOVE WIRING AIR INDICATOR HARNESS NO.2 SUB-ASSEMBLY**

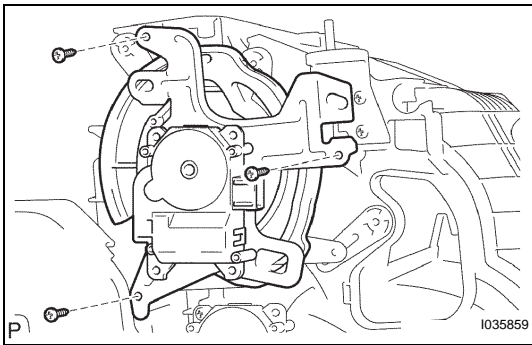
- (a) Remove the 3 screws.
- (b) Remove the clamp and disconnect the 2 connectors.
- (c) Remove the wiring air indicator harness No .2 sub-assembly.

**31. REMOVE BLOWER ASSEMBLY**

- (a) Remove the screw.
- (b) Release the claw and remove the blower assembly.

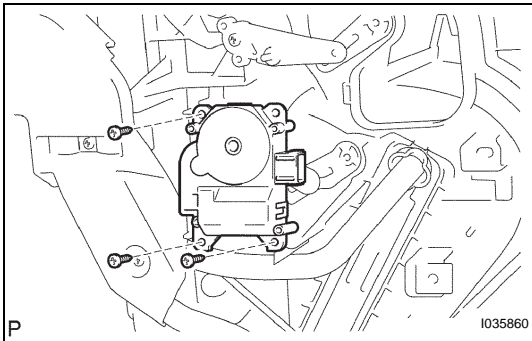
**DISASSEMBLY****1. REMOVE HEATER TO REGISTER DUCT CENTER**

- (a) Release the 4 claws and remove the heater to register duct center.

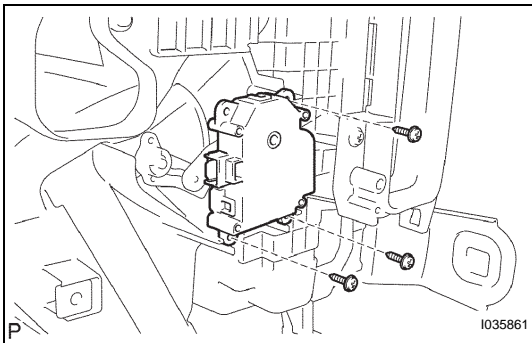
**2. REMOVE AIR OUTLET CONTROL SERVO MOTOR**

- (a) Remove the 3 screws and air outlet control servomotor.

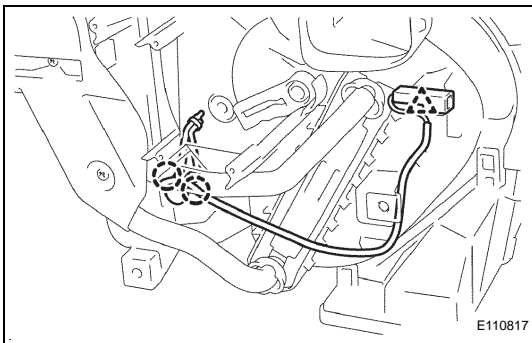
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**3. REMOVE AIR MIX CONTROL SERVO MOTOR**

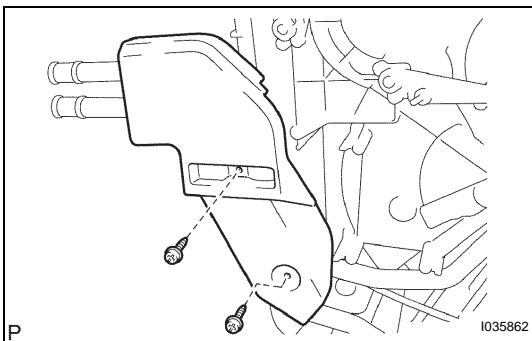
- (a) LH side:
Remove the 3 screws and air mix control servomotor.



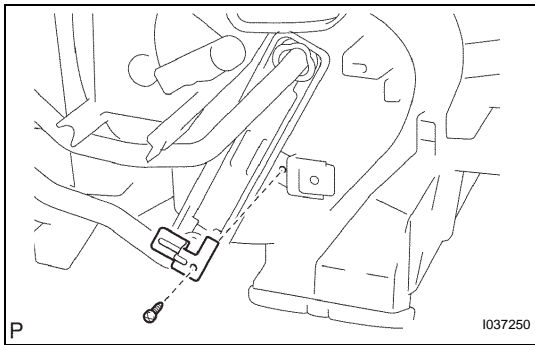
- (b) RH side:
Remove the 3 screws and air mix control servomotor.

**4. REMOVE EVAPORATOR TEMPERATURE SENSOR**

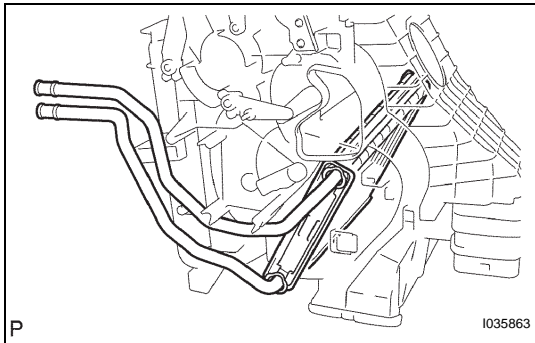
- (a) Release the clamp and connector.
(b) Release the 2 claws and remove evaporator temperature sensor.

**5. REMOVE HEATER RADIATOR UNIT SUB-ASSEMBLY**

- (a) Remove the 2 screws and piping cover.



(b) Remove the screw and bracket.

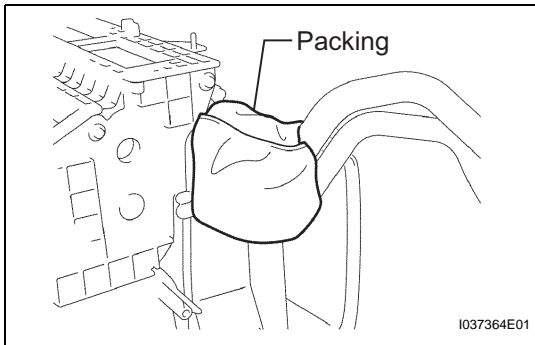


(c) Remove the heater radiator unit sub-assembly.

NOTICE:

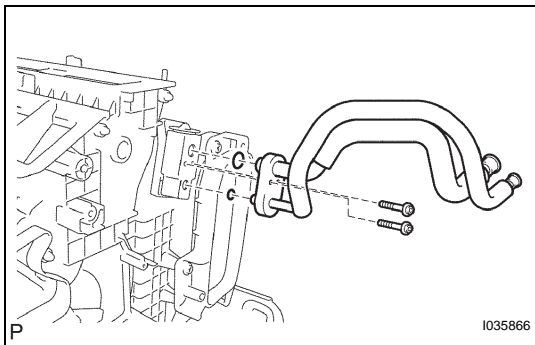
Prepare a drain pan or cloth for cooling water leaks.

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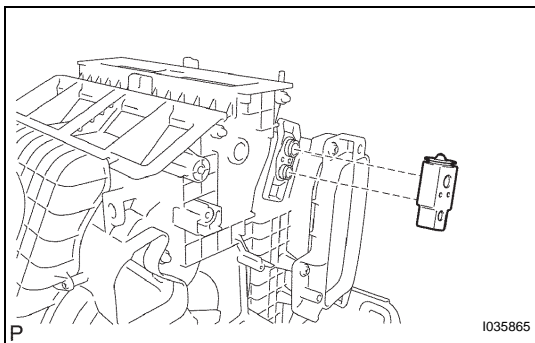
6. REMOVE AIR CONDITIONING TUBE ASSEMBLY

(a) Remove the packing.



(b) Using a hexagon wrench 4.0 mm, remove the 2 hexagon bolts and air conditioning tube assembly.

(c) Remove the 2 O-rings from the air conditioning tube assembly.



7. REMOVE COOLER EXPANSION VALVE

(a) Remove the cooler expansion valve from the cooler evaporator sub-assembly No. 1.