

REMOVAL

1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM (See page [AC-10](#))

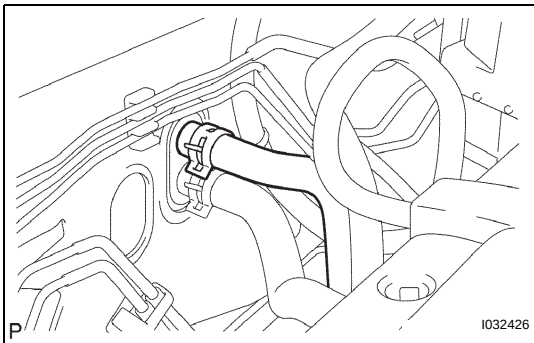
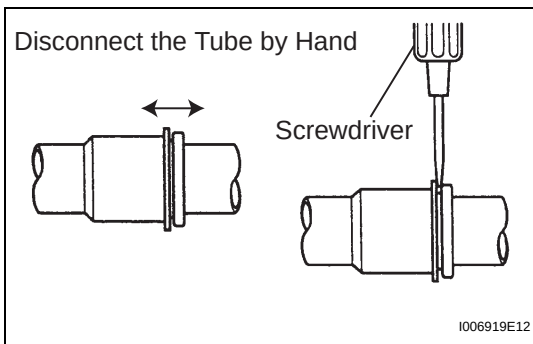
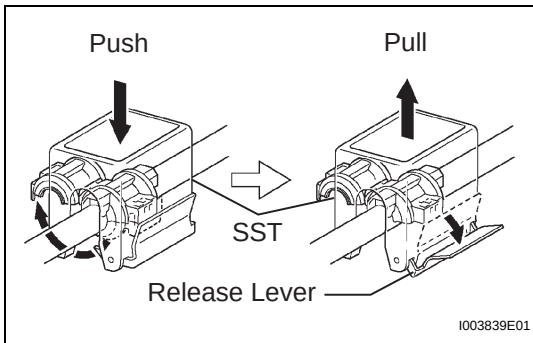
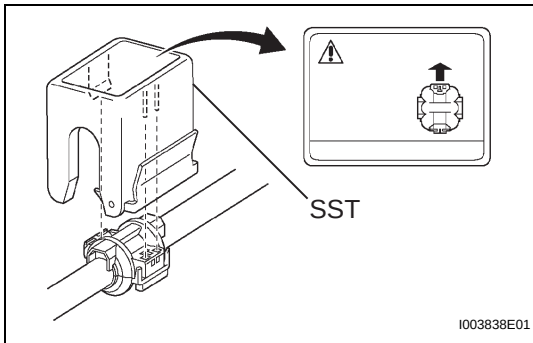
2. DISCONNECT SUCTION HOSE SUB-ASSEMBLY

- (a) Install SST to the piping clamp.

SST 09870-00015

HINT:

Confirm the direction of the piping clamp claw and SST using the illustration showing on the caution label.



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

NOTICE:

Be careful not to deform the tube when pushing SST.

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

- (e) Disconnect the cooler refrigerant suction hose No. 1.

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.

3. DISCONNECT AIR CONDITIONING TUBE ASSEMBLY **SST 09870-00015**

HINT:

Disconnect in the same way as the cooler refrigerant suction hose No. 1.

4. DISCONNECT HEATER INLET WATER HOSE

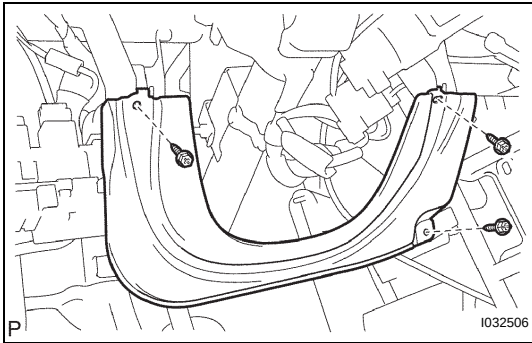
- (a) Using pliers, grip the claws of the clip and slide the clip and disconnect the heater inlet water hose.

5. DISCONNECT HEATER OUTLET WATER HOSE

HINT:

Disconnect in the same way as the heater inlet water hose.

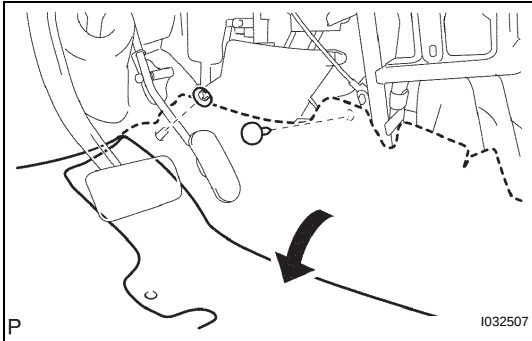
6. REMOVE LOWER INSTRUMENT PANEL SUB-ASSEMBLY (See page [IP-10](#))



7. REMOVE INSTRUMENT PANEL LOWER PAD INSERT LH

- (a) Remove the 3 screws and instrument panel lower pad insert LH.

8. REMOVE INSTRUMENT PANEL LOWER MOUNT BRACKET NO. 1

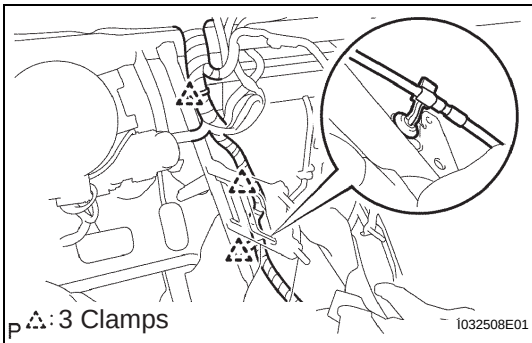


9. REMOVE INSTRUMENT PANEL BRACE SUB-ASSEMBLY NO. 1

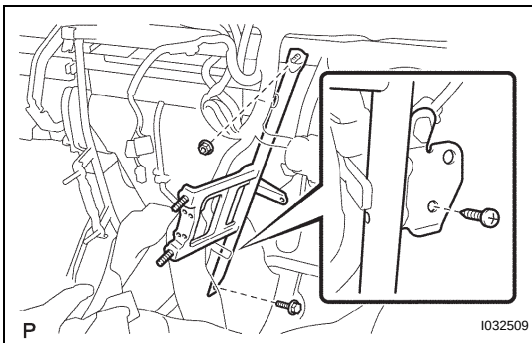
- (a) Remove the 2 clips and take up the floor carpet.

HINT:

Take up the floor carpet as small as the instrument panel brace sub-assembly No. 1 can be removed.

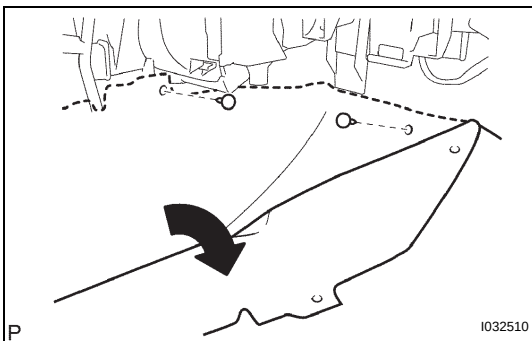


- (b) Remove the 3 clamps and floor shift parking lock cable assembly.



- (c) Remove the screw.

- (d) Remove the bolt, nut and instrument panel brace sub-assembly No. 1.

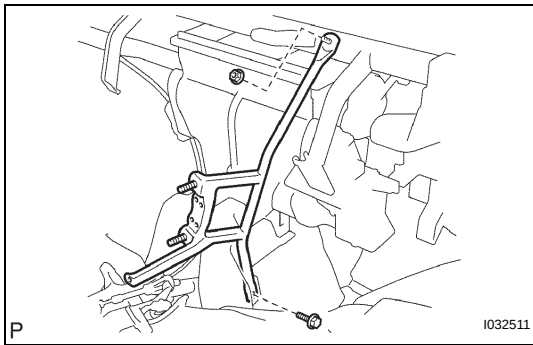


10. REMOVE INSTRUMENT PANEL BRACE SUB-ASSEMBLY NO. 2

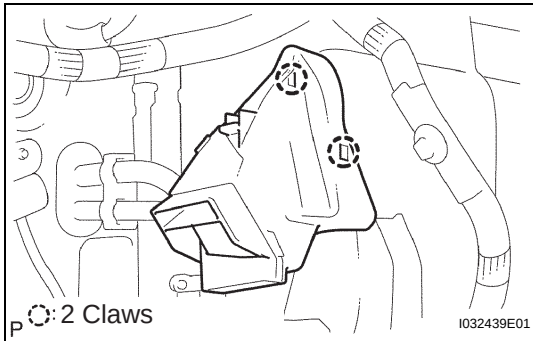
- (a) Remove the 2 clips and take up the floor carpet.

HINT:

Take up the floor carpet as small as the instrument panel brace sub-assembly No. 2 can be removed.

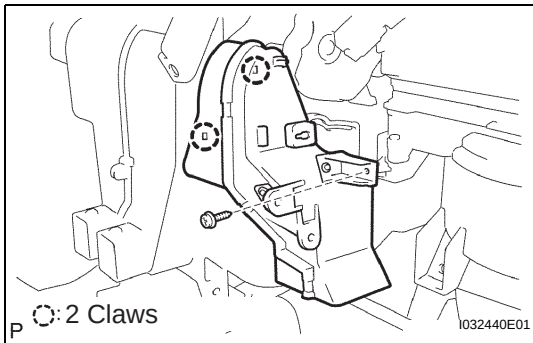


- (b) Remove the bolt, nut and instrument panel brace sub-assembly No. 2.



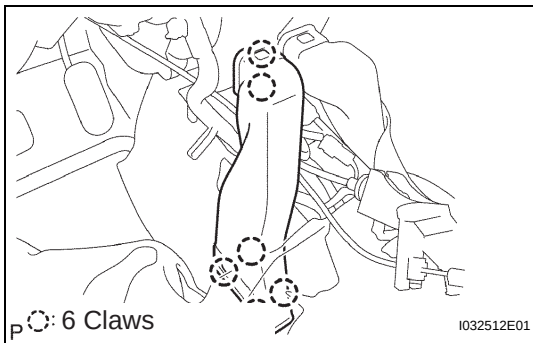
11. REMOVE AIR DUCT NO. 1

- (a) Release the 2 fitting claws and remove the air duct No. 1.



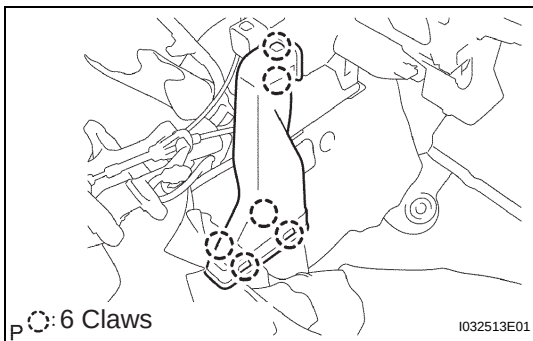
12. REMOVE AIR DUCT NO. 2

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



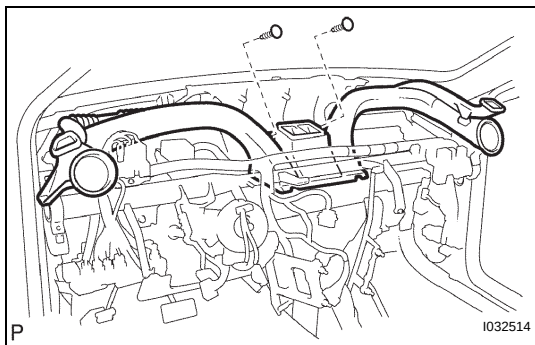
13. REMOVE AIR DUCT REAR NO. 3 (for Cold Area Specification Vehicles)

- (a) Release the 6 fitting claws and remove the air duct rear No. 3.

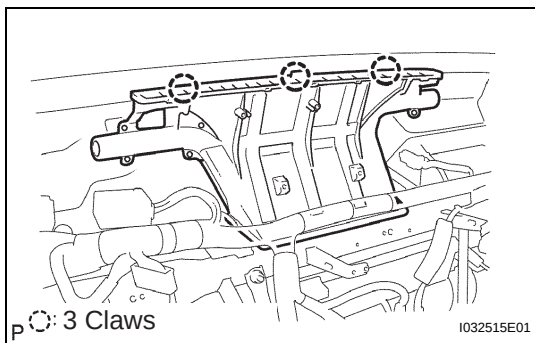


14. REMOVE AIR DUCT REAR NO. 4 (for Cold Area Specification Vehicles)

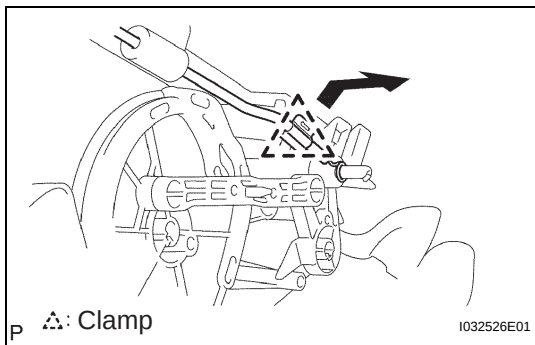
- (a) Release the 6 fitting claws and remove the air duct rear No. 4.

**15. REMOVE HEATER TO REGISTER DUCT NO. 1**

- (a) Remove the 2 clips and heater to register duct No. 1.

**16. REMOVE DEFROSTER NOZZLE ASSEMBLY**

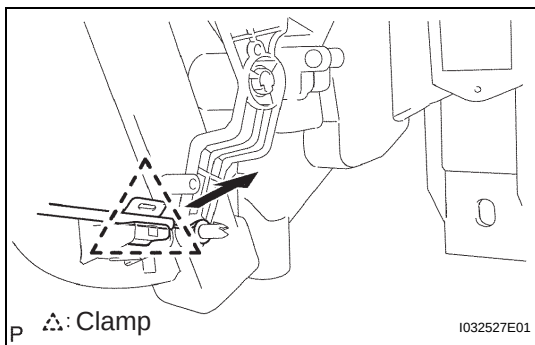
- (a) Release the 3 fitting claws and remove the defroster nozzle assembly.

**17. DISCONNECT DEFROSTER DAMPER CONTROL CABLE SUB-ASSEMBLY**

- (a) Disconnect the outer cable from the clamp.
(b) Disconnect the inner cable and defroster damper control cable sub-assembly.

NOTICE:

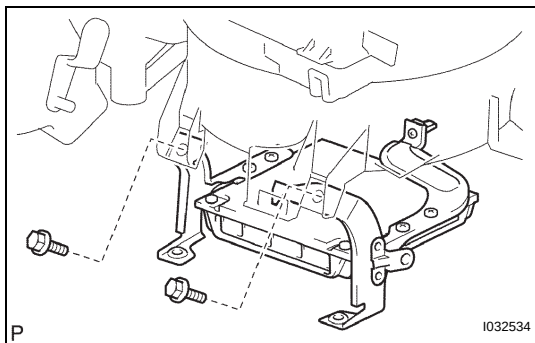
- Be careful not to bend the cable wire.
- If the cable wire bends, the air conditioning control assembly operability becomes worse.

**18. DISCONNECT AIRMIX DAMPER CONTROL CABLE SUB-ASSEMBLY**

- (a) Disconnect the outer cable from the clamp.
(b) Disconnect the inner cable and airmix damper control cable sub-assembly.

NOTICE:

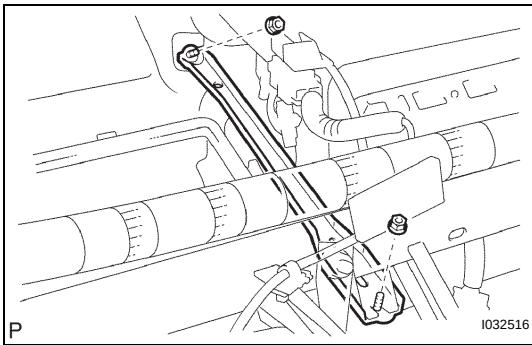
- Be careful not to bend the cable wire.
- If the cable wire bends, the air conditioning control assembly operability becomes worse.

**19. REMOVE ECM**

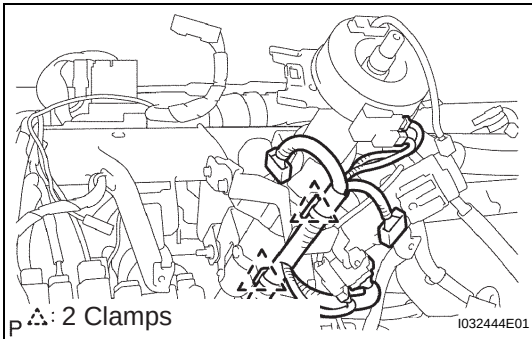
- (a) Remove the 2 bolts and ECM.

NOTICE:

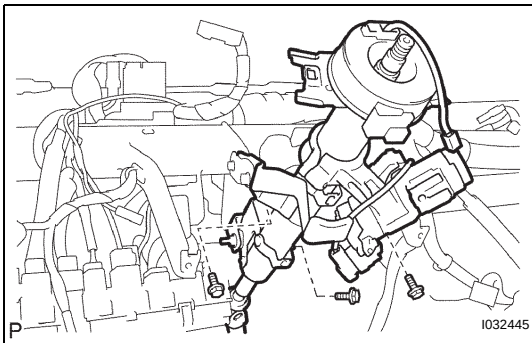
- Do not apply excessive force to the connector of the ECM.
- Do not give any impact to the ECM.

**20. REMOVE INSTRUMENT PANEL TO COWL BRACE CENTER**

- (a) Remove the 2 nuts and instrument panel to cowl brace center.

**21. DISCONNECT STEERING COLUMN ASSEMBLY**

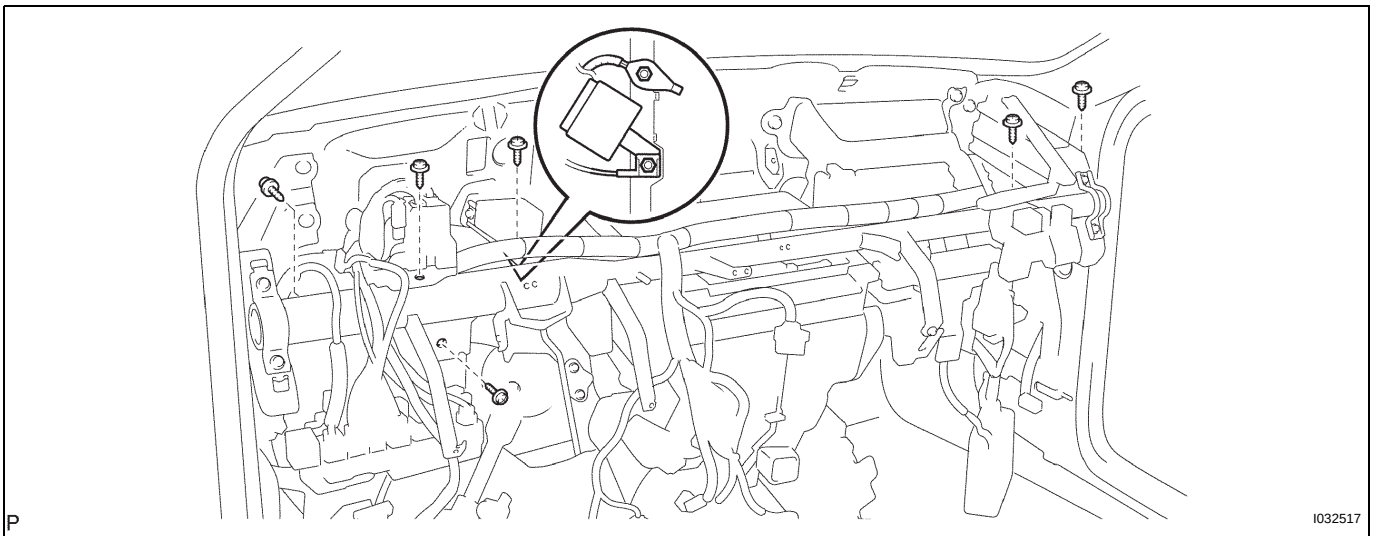
- (a) Disconnect the connector and remove the 2 clamps.



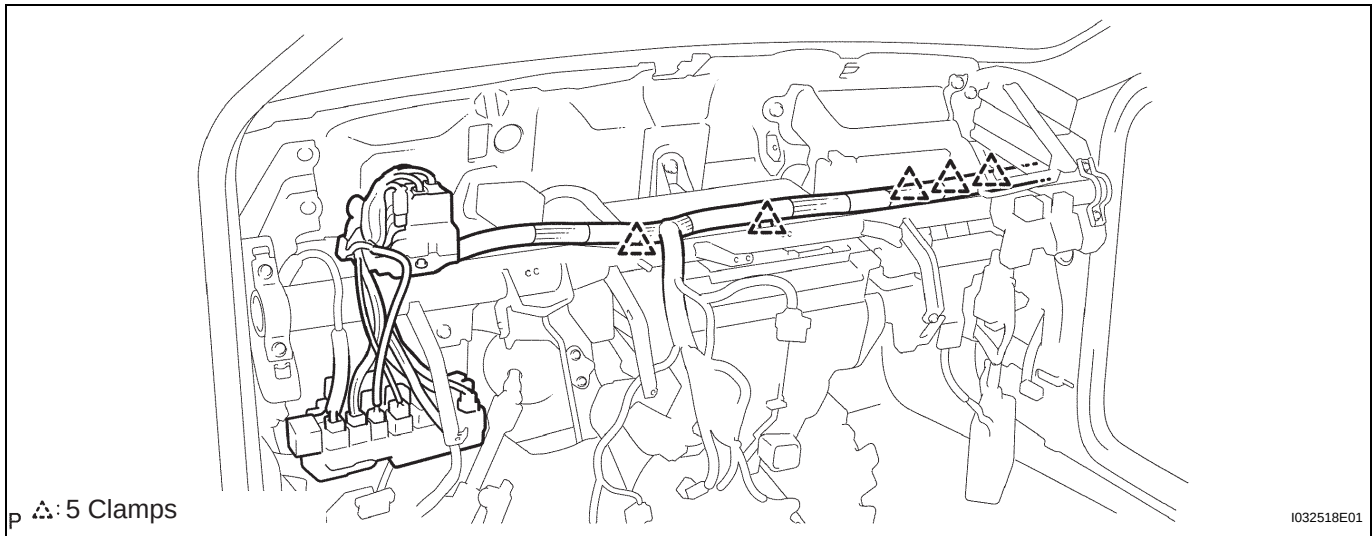
- (b) Remove the 3 bolts and disconnect the steering column assembly.

22. REMOVE INSTRUMENT PANEL REINFORCEMENT

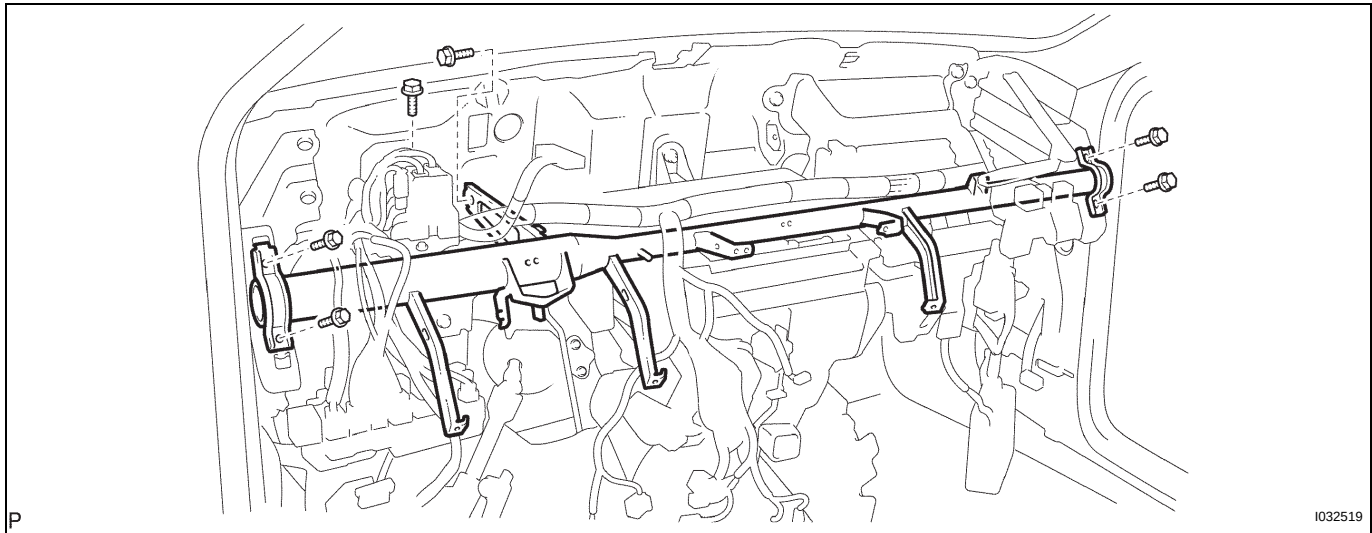
- (a) Remove the 8 screws and 2 earth wires from the instrument panel reinforcement.



(b) Disconnect the 5 clamps and wire harness.



(c) Remove the 6 bolts and instrument panel reinforcement.

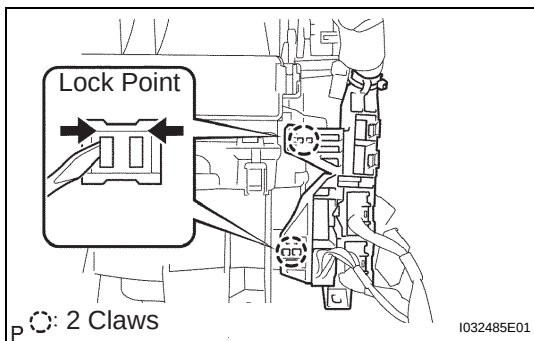


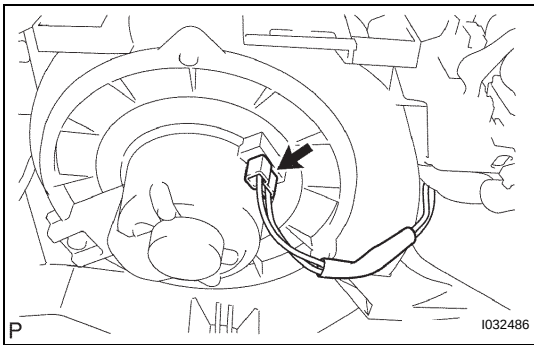
23. REMOVE AIR CONDITIONING UNIT ASSEMBLY

(a) Release the 2 fitting claws and disconnect the connector holder.

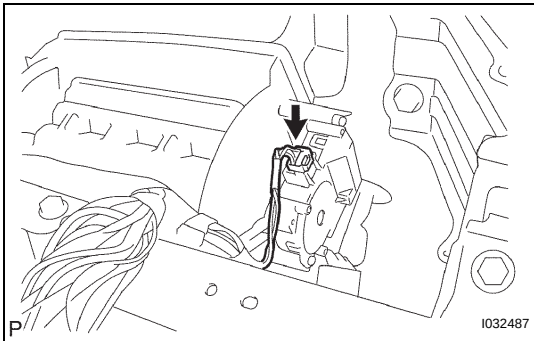
HINT:

Release the claw while pressing the lock part in the direction of the arrow.

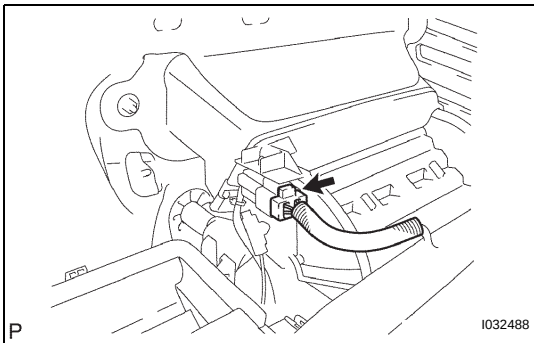




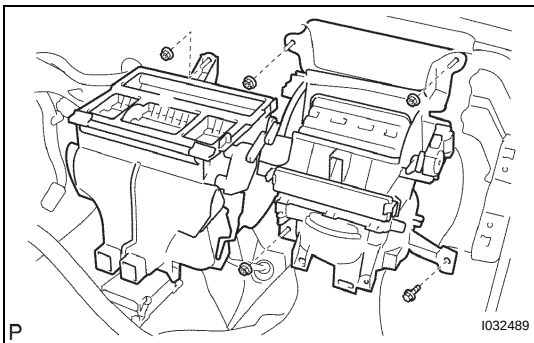
- (b) Disconnect the connector from the blower w/fan motor sub-assembly.



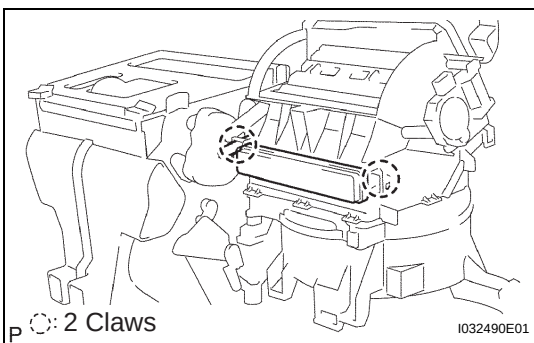
- (c) Disconnect the connector from the damper servo sub-assembly.



- (d) Disconnect the connector from the cooler thermistor No. 1.



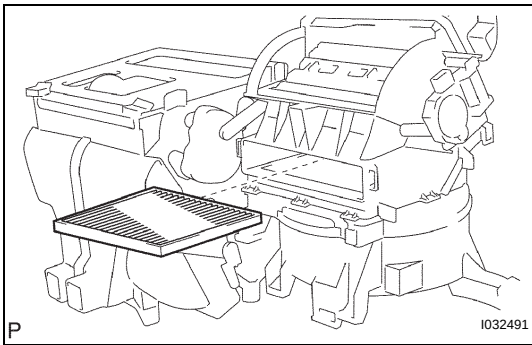
- (e) Remove the 4 nuts, bolt and air conditioning unit assembly.



DISASSEMBLY

1. REMOVE AIR FILTER CASE

- (a) Release the 2 fitting claws and remove the air filter case.

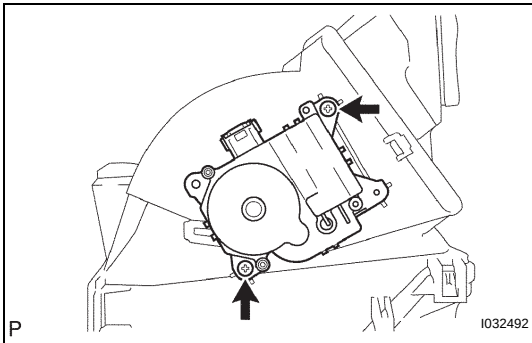


2. REMOVE CLEAN AIR FILTER

- (a) Remove the air filter from the air conditioning unit assembly.

HINT:

Removing only the glove compartment door assembly makes it possible to install the air filter.

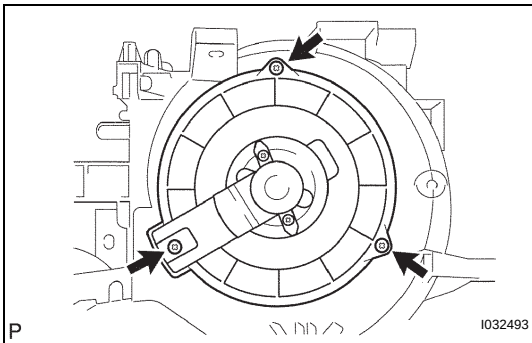


3. REMOVE DAMPER SERVO SUB-ASSEMBLY

- (a) Remove the 2 screws and damper servo sub-assembly.

HINT:

Removing only instrument panel sub-assembly upper and heater to register duct No. 1 makes it possible to install the damper servo sub-assembly.

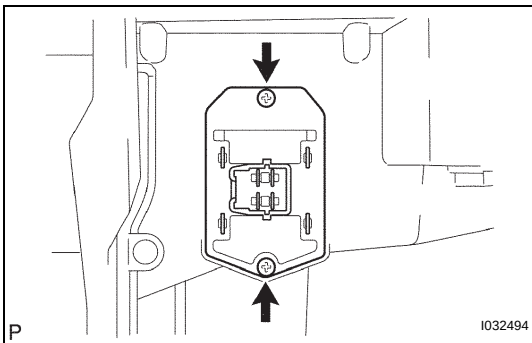


4. REMOVE BLOWER W/FAN MOTOR SUB-ASSEMBLY

- (a) Remove the 3 screws and blower w/fan motor sub-assembly.

HINT:

Removing only the ECM makes it possible to install the blower w/fan motor sub-assembly.

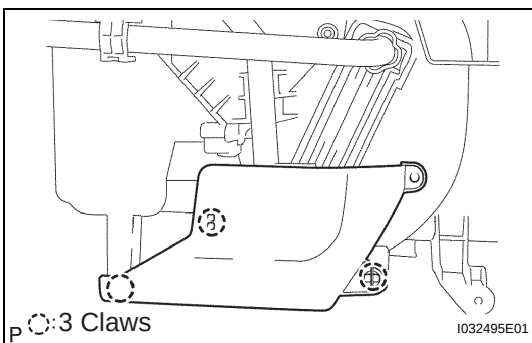


5. REMOVE BLOWER RESISTOR

- (a) Disconnect the connector.
(b) Remove the 2 screws and blower resistor.

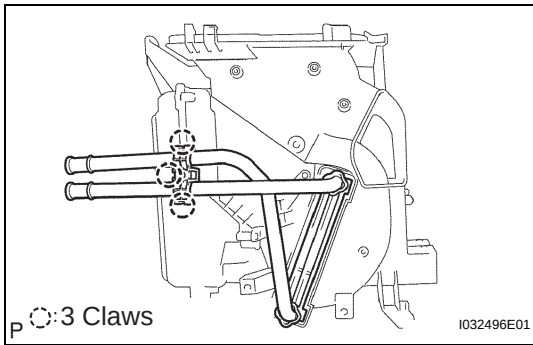
HINT:

Removing only the ECM makes it possible to install the blower resistor.

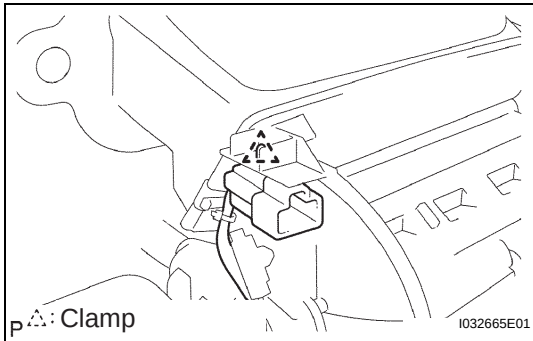


6. REMOVE HEATER PIPING COVER

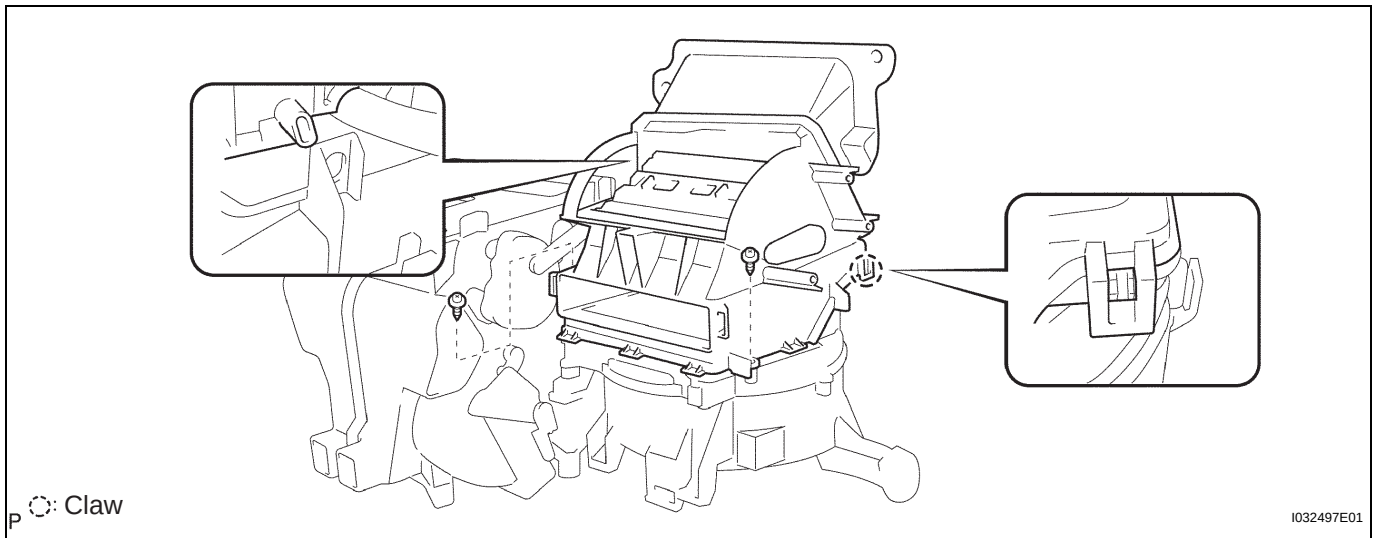
- (a) Release the 3 fitting claws and remove the heater piping cover.

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

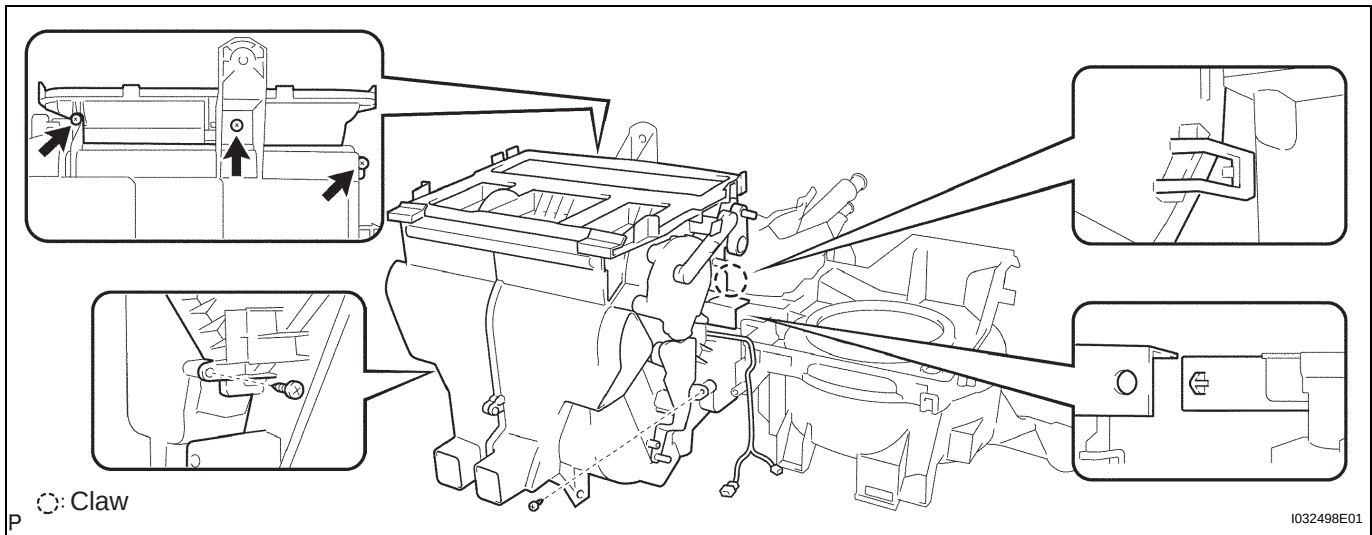
- (a) Release the 3 fitting claws and remove the heater piping clamp and heater radiator unit sub-assembly.

**8. REMOVE COOLER THERMISTOR NO. 1**

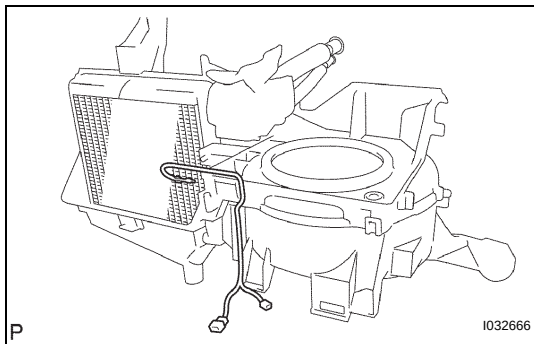
- (a) Remove the clamp.
(b) Release the fitting claw and remove the 2 screws and heater case.



- (c) Release the fitting claw and remove the 5 screws and heater case.

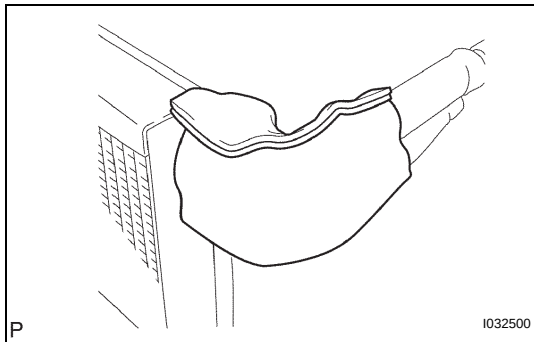


- (d) Remove the cooler thermistor No. 1 from the cooler evaporator sub-assembly No. 1.



9. REMOVE AIR CONDITIONING TUBE ASSEMBLY

- (a) Remove the cooler evaporator assembly from the heater case.
(b) Remove the packing.



- (c) Using a hexagon wrench 5.0 mm (0.20 in.), remove the 2 hexagon bolts and air conditioning tube assembly.
(d) Remove the 2 O-rings from the air conditioning tube assembly.

