

for Preparation [Click here](#)

## 1. PRECAUTION

### NOTICE:

After turning the power switch off, waiting time may be required before disconnecting the cable from the negative (-) battery terminal. Therefore, make sure to read the disconnecting the cable from the negative (-) battery terminal notice before proceeding with work ([Click here](#)).

## 2. REMOVE REAR NO. 2 FLOOR BOARD

- a. Remove the rear No. 2 floor board.

## 3. REMOVE REAR DECK FLOOR BOX

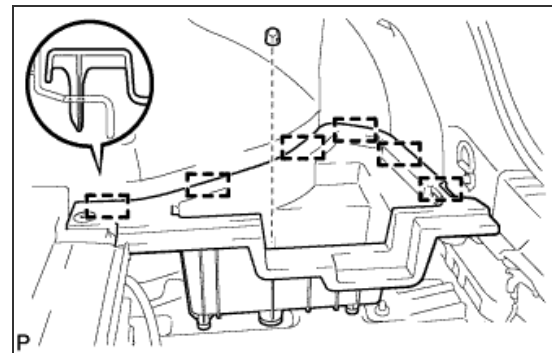
- a. Remove the rear deck floor box.

## 4. REMOVE REAR NO. 3 FLOOR BOARD

- a. Remove the rear No. 3 floor board.

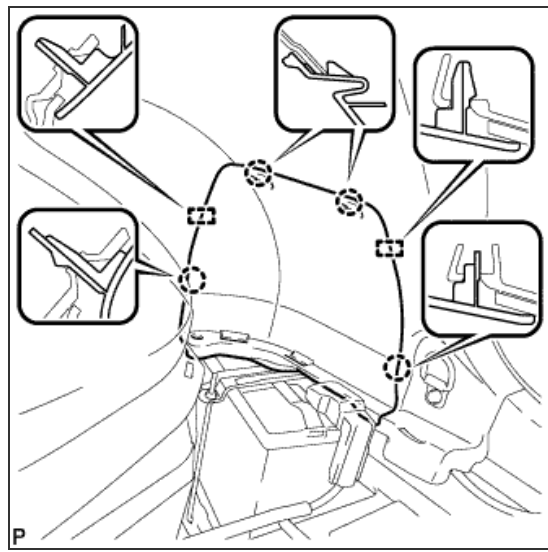
## 5. REMOVE DECK FLOOR BOX RH

- a. Remove the clip.
- b. Disengage the 6 guides and remove the deck floor box RH.



## 6. REMOVE REAR FLOOR BOARD UPPER NO. 3 PLATE

- a. Disengage the 4 claws and 2 guides, and remove the rear floor board upper No. 3 plate.



## 7. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

### NOTICE:

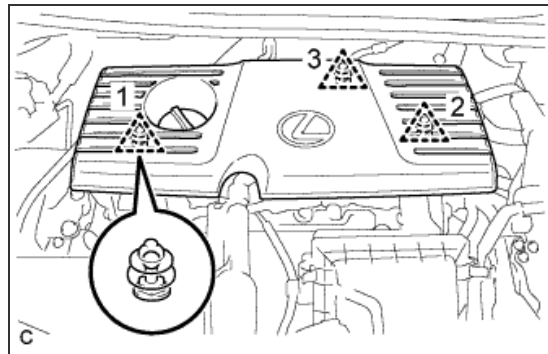
When disconnecting the cable, some systems need to be initialized after the cable is reconnected ([Click here](#)).

## 8. REMOVE NO. 2 CYLINDER HEAD COVER

- a. Remove the 3 clips and No. 2 cylinder head cover.

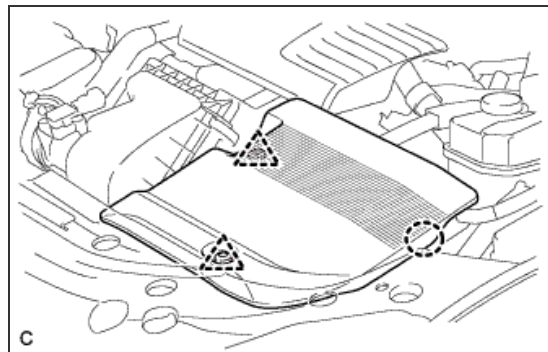
### NOTICE:

- Disengage the clips in the order shown in the illustration.
- Attempting to disengage both front and rear clips at the same time may cause the cover to break.
- Pull the cover straight up to remove. Attempting to pull the cover forward may cause it to break.



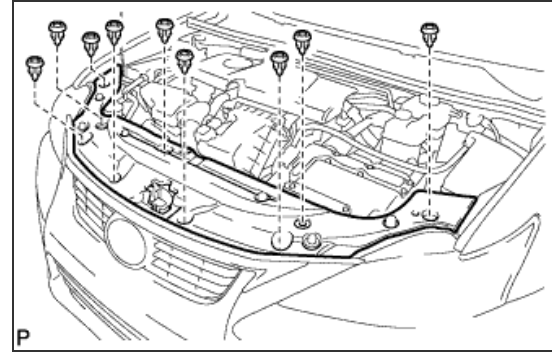
## 9. REMOVE INVERTER COVER ASSEMBLY LH (w/ Cover)

- a. Remove the 2 clips
- b. Disengage the claw and remove the inverter cover assembly LH.



## 10. REMOVE RADIATOR SUPPORT OPENING COVER

- a. Remove the 9 clips and radiator support opening cover.



## 11. REMOVE NO. 1 ENGINE UNDER COVER

## 12. DRAIN COOLANT (for Engine)

### NOTICE:

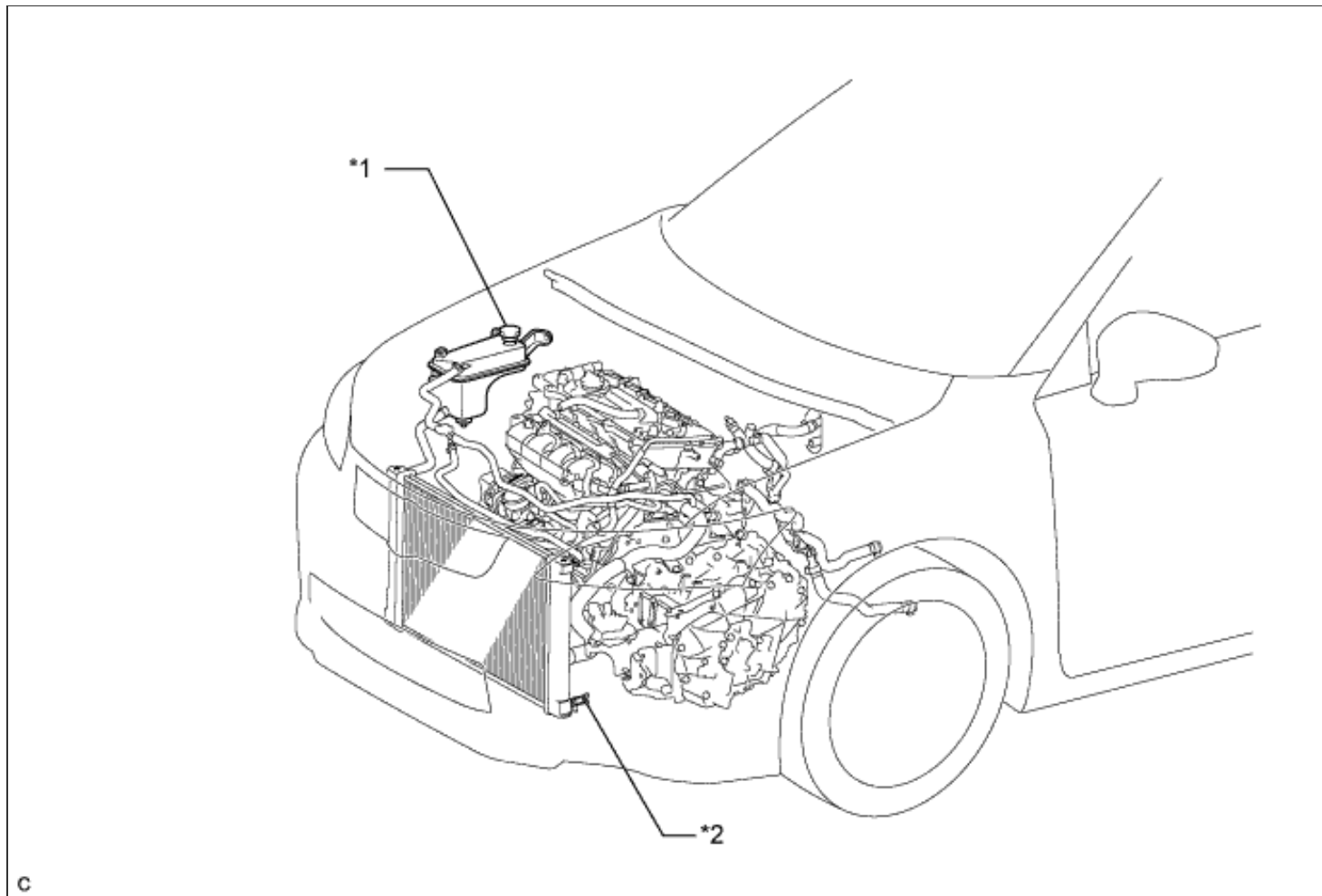
Do not remove the reserve tank cap and radiator drain cock plug while the engine and radiator are still hot. Pressurized, hot engine coolant and steam may be released and cause serious burns.

- a. Loosen the radiator drain cock plug.

### HINT:

Collect the coolant in a container and dispose of it according to the local regulations.

- b. Remove the reserve tank cap and drain the coolant.

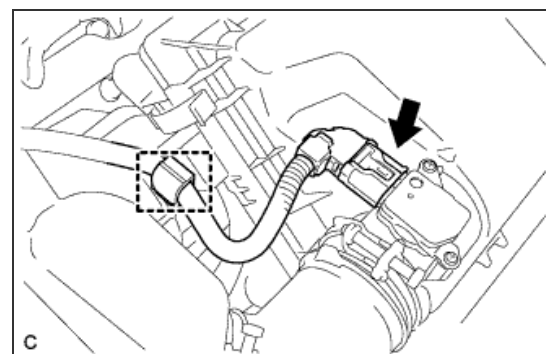


#### Text in Illustration

*1	Reserve Tank Cap	*2	Radiator Drain Cock Plug
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### 13. REMOVE AIR CLEANER CAP SUB-ASSEMBLY

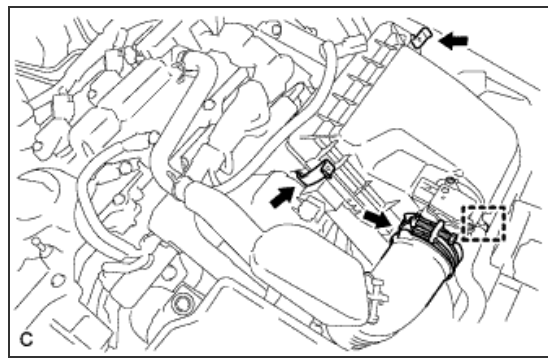
**a.** Disconnect the mass air flow meter connector.



**b.** Separate the water hose from the hose clamp.

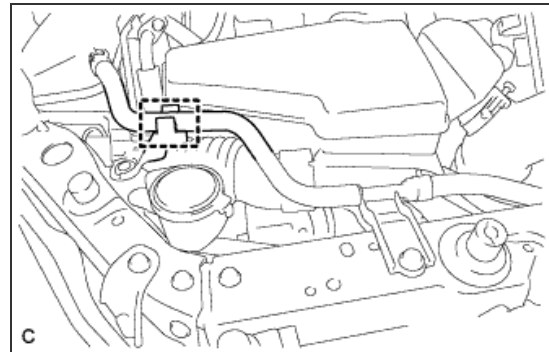
**c.** Release the 2 clamps.

**d.** Loosen the hose clamp and remove the air cleaner cap.



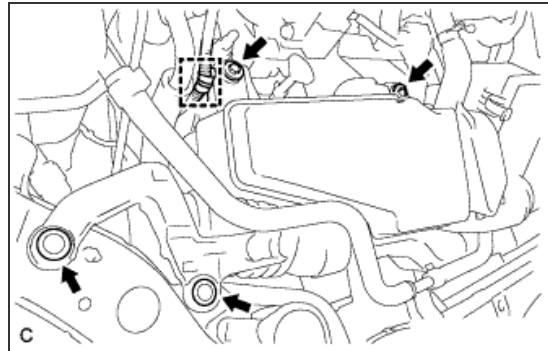
#### 14. REMOVE INLET AIR CLEANER ASSEMBLY

**a.** Separate the water hose from the hose clamp.



**b.** Separate the wire harness clamp from the inlet air cleaner assembly.

**c.** Remove the 2 bolts, 2 clips and inlet air cleaner assembly.

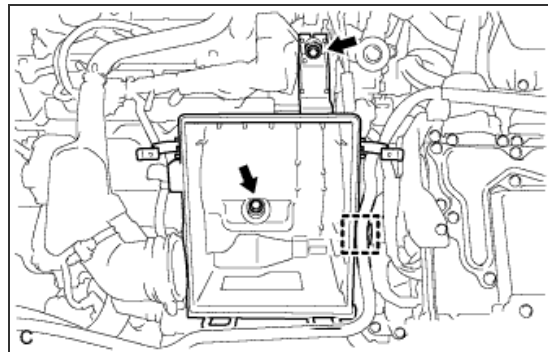


#### 15. REMOVE AIR CLEANER CASE

**a.** Remove the air cleaner filter element sub-assembly.

**b.** Separate the hose from the hose clamp.

**c.** Remove the 2 bolts and air cleaner case.



## 16. REMOVE FRONT BUMPER ASSEMBLY

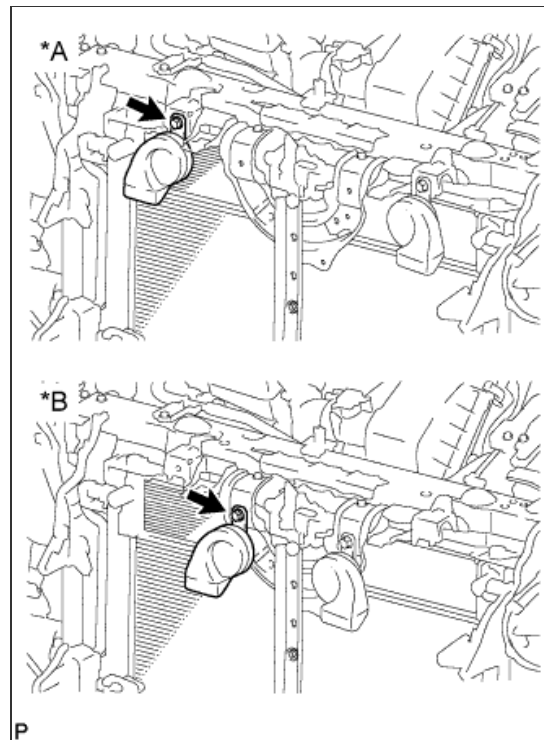
([Click here](#))

## 17. REMOVE HIGH PITCHED HORN ASSEMBLY

- a. Disconnect the connector.
- b. Remove the bolt and high pitched horn assembly.

### Text in Illustration

*A	for Outer Mounted Type
*B	for Inner Mounted Type

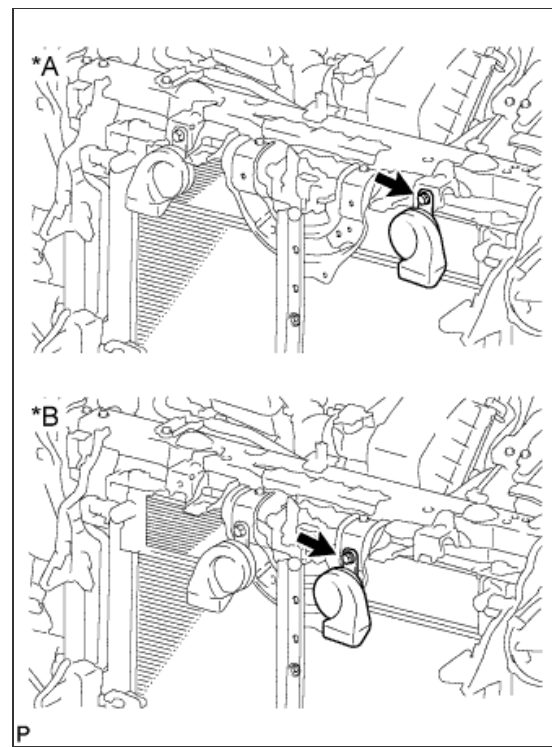


## 18. REMOVE LOW PITCHED HORN ASSEMBLY

- a. Disconnect the connector.
- b. Remove the bolt and low pitched horn assembly.

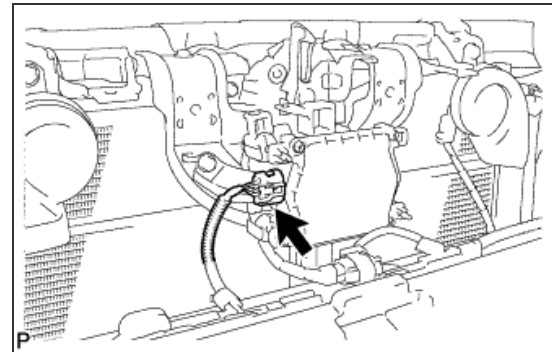
### Text in Illustration

*A	for Outer Mounted Type
*B	for Inner Mounted Type

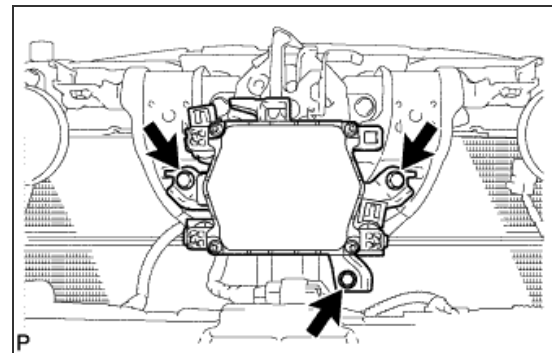


## 19. REMOVE MILLIMETER WAVE RADAR SENSOR ASSEMBLY (w/ Dynamic Radar Cruise Control System)

- a. Disconnect the connector.



- b. Remove the 3 bolts and the millimeter wave radar sensor assembly.



## 20. REMOVE HOOD LOCK ASSEMBLY (w/o Engine Hood Courtesy Switch)

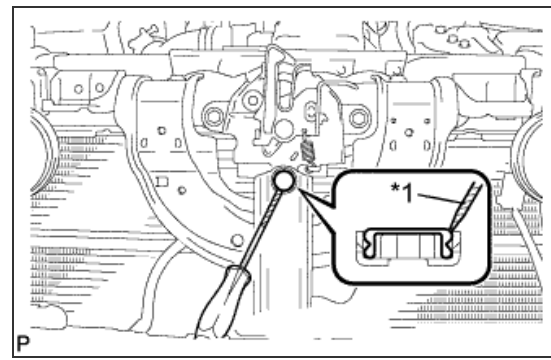
- a. Using a screwdriver, remove the hood lock nut cap.

**Text in Illustration**

*1	Protective Tape
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**HINT:**

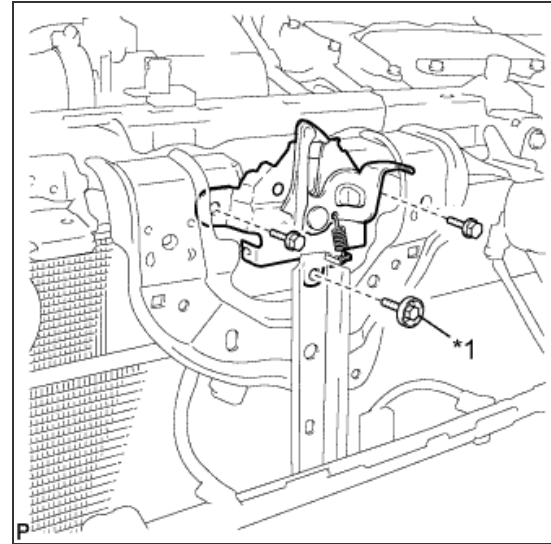
Tape the screwdriver tip before use.



- b.** Remove the 2 bolts and hood lock bolt.

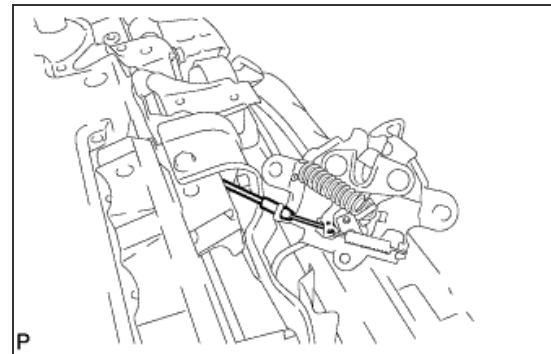
**Text in Illustration**

*1	Hood Lock Bolt
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- c.** for LHD:

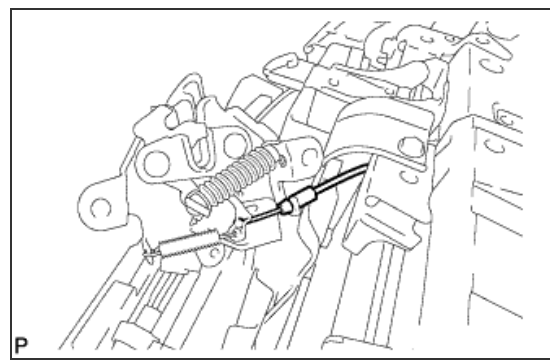
- i.** Disconnect the hood lock control cable and remove the hood lock assembly.



- d.** For RHD:

- i.** Disconnect the hood lock control cable and remove the hood lock assembly.





## 21. REMOVE HOOD LOCK ASSEMBLY (w/ Engine Hood Courtesy Switch)

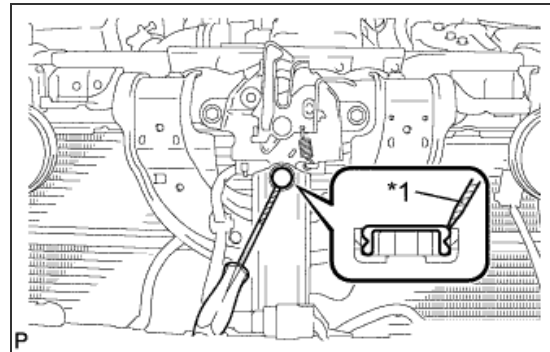
- a. Using a screwdriver, remove the hood lock nut cap.

### Text in Illustration

*1	Protective Tape
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### HINT:

Tape the screwdriver tip before use.

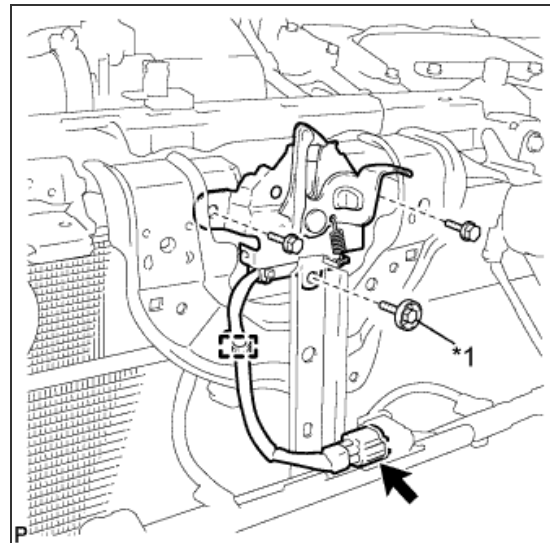


- b. Disconnect the connector.

### Text in Illustration

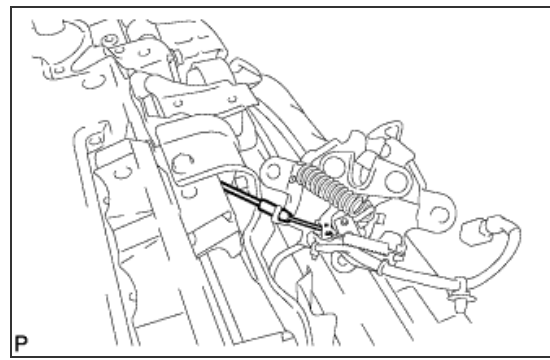
*1	Hood Lock Bolt
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- c. Disengage the clamp.  
d. Remove the 2 bolts and hood lock bolt.



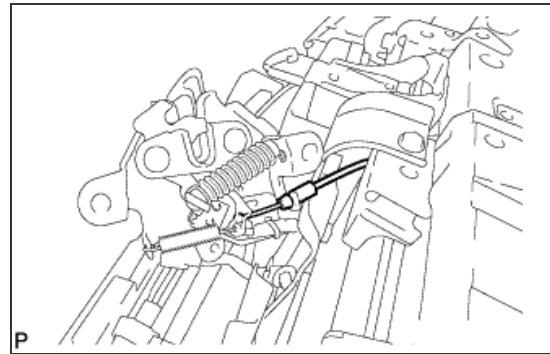
- e. for LHD:

- i. Disconnect the hood lock control cable and remove the hood lock assembly.



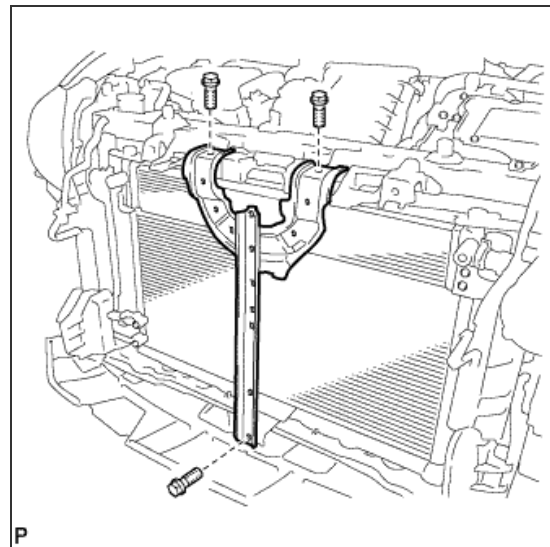
**f.** For RHD:

- i.** Disconnect the hood lock control cable and remove the hood lock assembly.



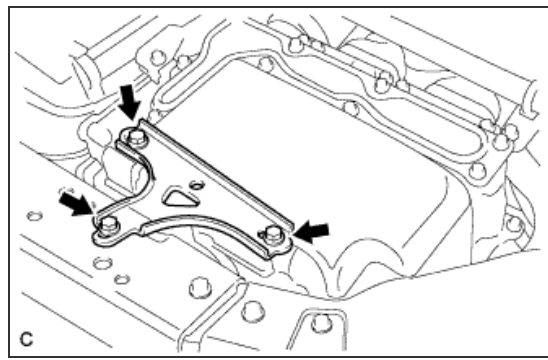
## 22. REMOVE COOL AIR INTAKE DUCT RETAINER SUB-ASSEMBLY

- a.** Remove the 3 bolts and cool air intake duct retainer sub-assembly.



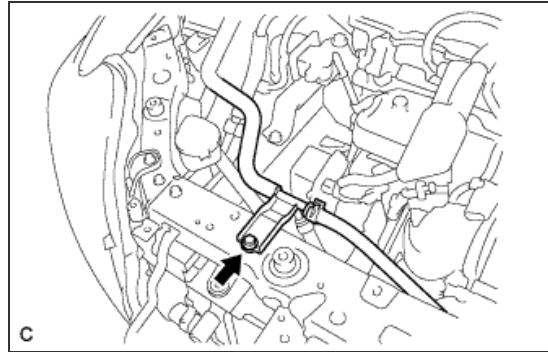
## 23. REMOVE NO. 1 INVERTER BRACKET

- a.** Remove the 3 bolts and No. 1 inverter bracket.

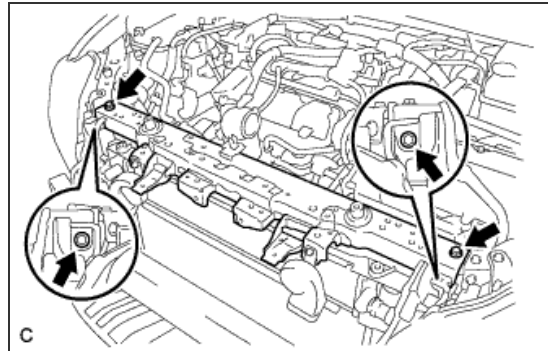


## 24. REMOVE HOOD LOCK SUPPORT SUB-ASSEMBLY

- a.** Remove the bolt and No. 2 water by-pass hose from the hood lock support sub-assembly.

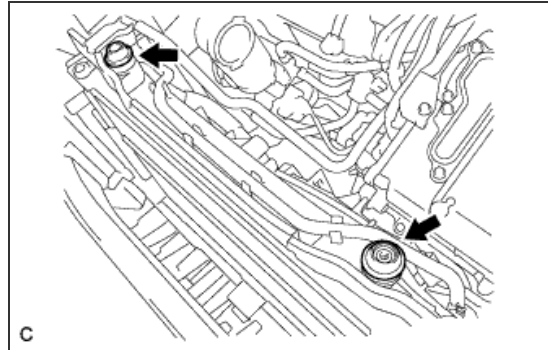


- b.** Remove the 4 bolts and hood lock support sub-assembly.



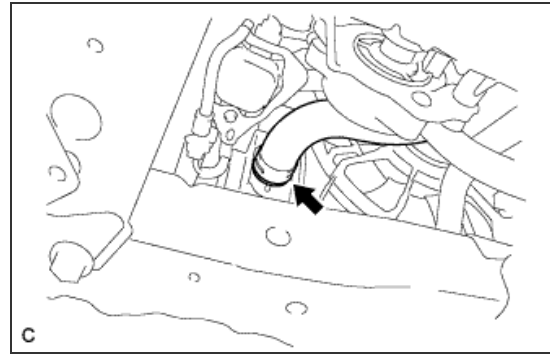
## 25. REMOVE RADIATOR SUPPORT CUSHION

- a.** Remove the 2 radiator support cushions.



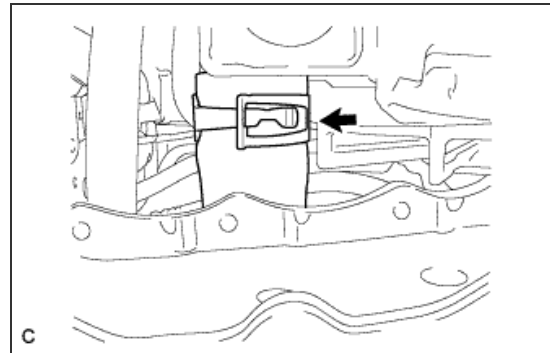
## 26. DISCONNECT NO. 1 RADIATOR HOSE

- a. Disconnect the No. 1 radiator hose.



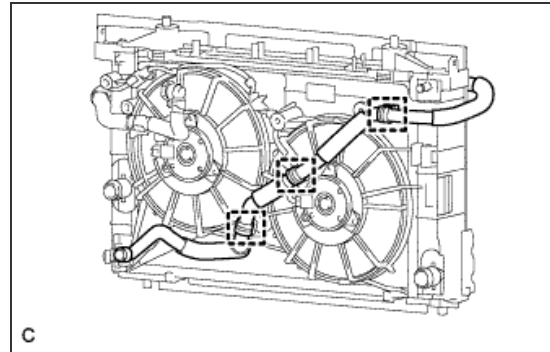
## 27. DISCONNECT NO. 2 RADIATOR HOSE

- a. Disconnect the No. 2 radiator hose.



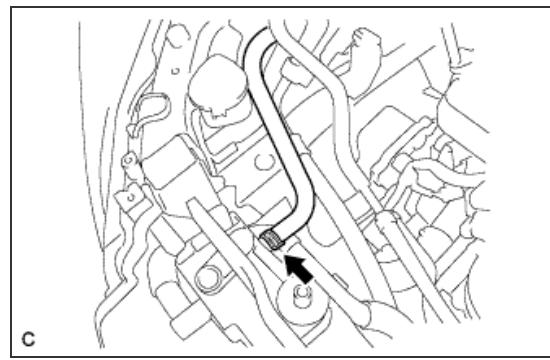
## 28. DISCONNECT NO. 5 INVERTER COOLING HOSE

- a. Disconnect the 3 clamps and No. 5 inverter cooling hose from the fan shroud.



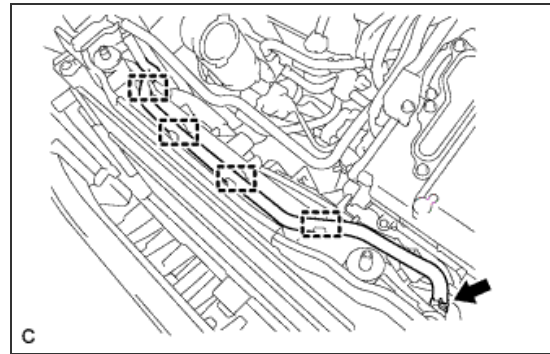
## 29. DISCONNECT NO. 1 WATER BY-PASS HOSE

- a. Disconnect the No. 1 water by-pass hose.



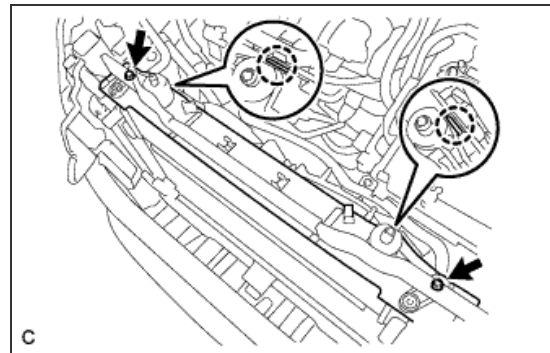
### 30. DISCONNECT NO. 3 WATER BY-PASS HOSE

- a. Disconnect the 4 clamps and No. 3 water by-pass hose.



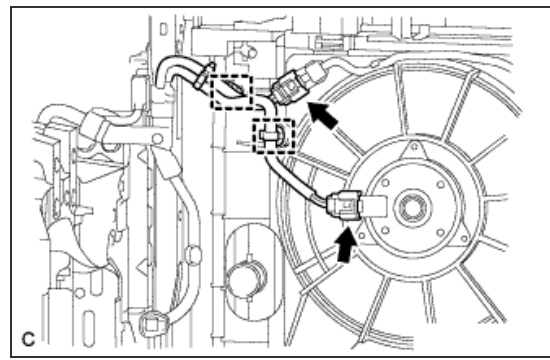
### 31. REMOVE NO. 2 FAN SHROUD

- a. Remove the 2 bolts, 2 claws and No. 2 fan shroud.



### 32. REMOVE RADIATOR ASSEMBLY

- a. Disconnect the 2 clamps and 2 connectors.

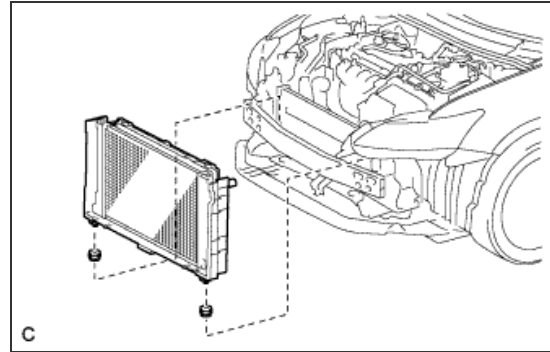


**b.** Remove the radiator assembly with the fan shroud.

**NOTICE:**

Do not apply any excessive force to the cooler condenser assembly, radiator assembly (for inverter) or pipe when removing the radiator assembly.

**c.** Remove the 2 lower radiator supports.



**d.** Remove the 2 bolts and radiator assembly.

