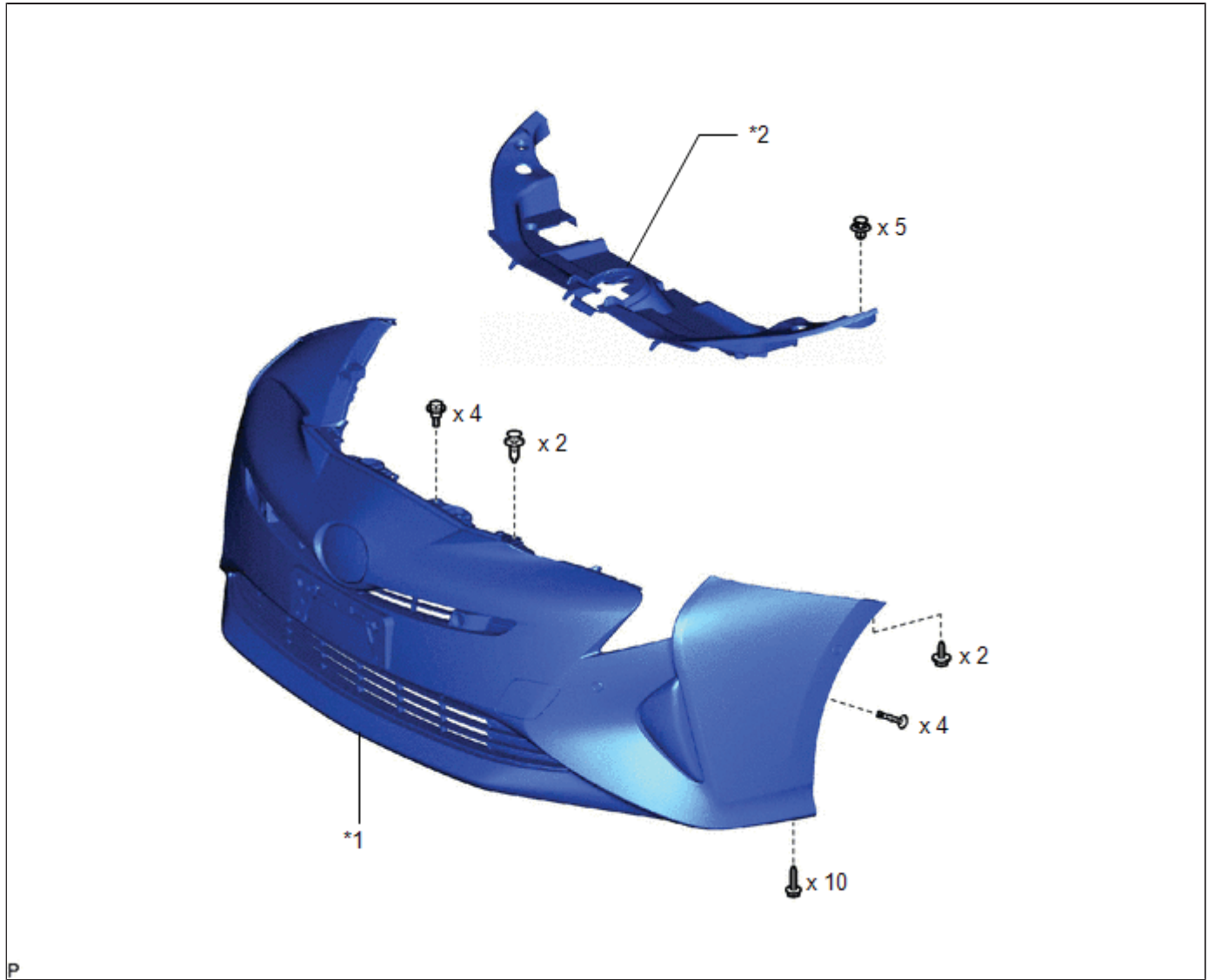


Last Modified: 01-14-2019	6.8:8.0.48	Doc ID: RM100000000S0J7
Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 - 12/2018]
Title: EXTERIOR PANELS / TRIM: FRONT BUMPER: COMPONENTS; 2016 - 2018 MY Prius [11/2015 - 12/2018]		

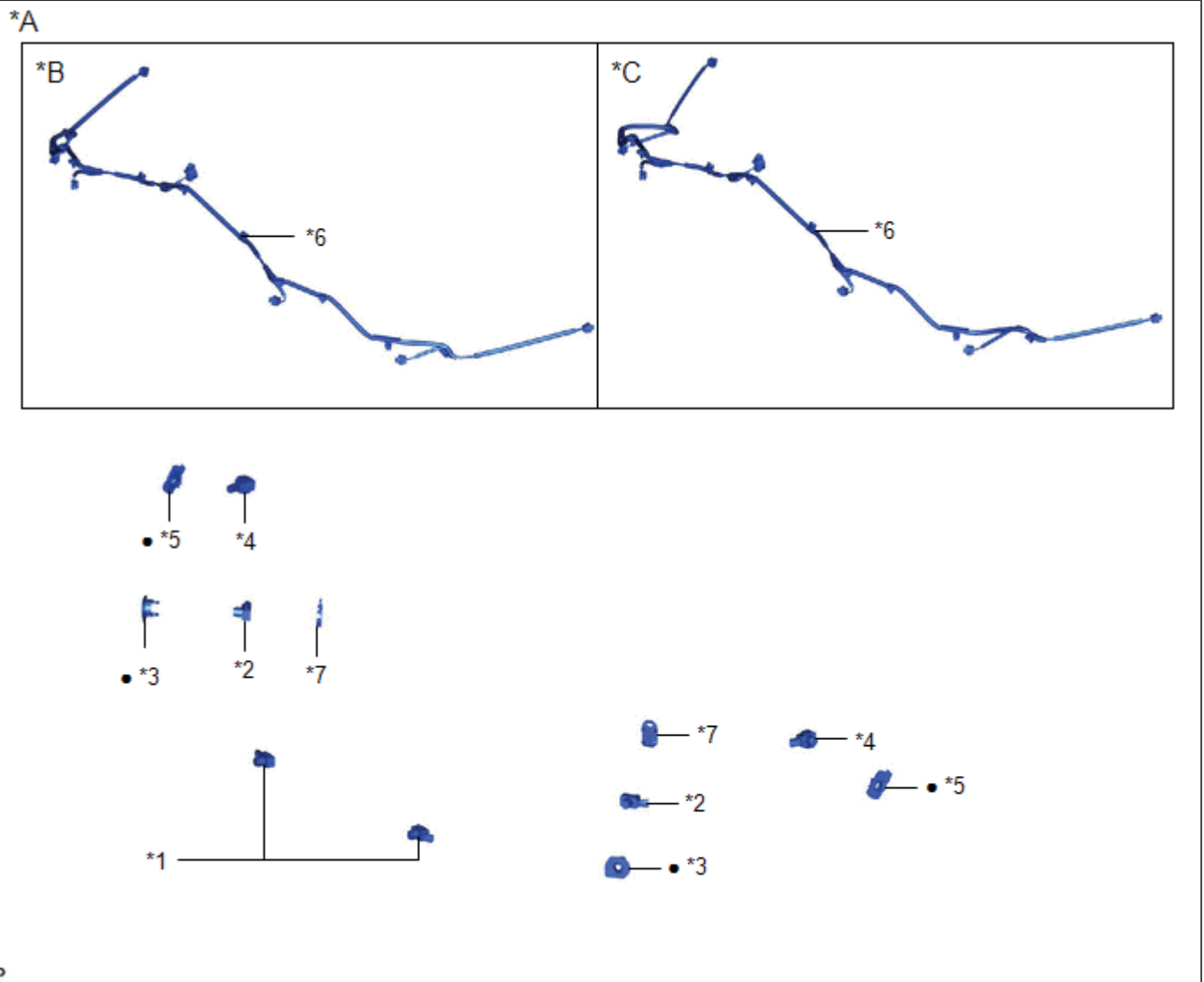
## COMPONENTS

## ILLUSTRATION



*1	FRONT BUMPER ASSEMBLY	*2	RADIATOR SUPPORT OPENING COVER
----	-----------------------	----	--------------------------------

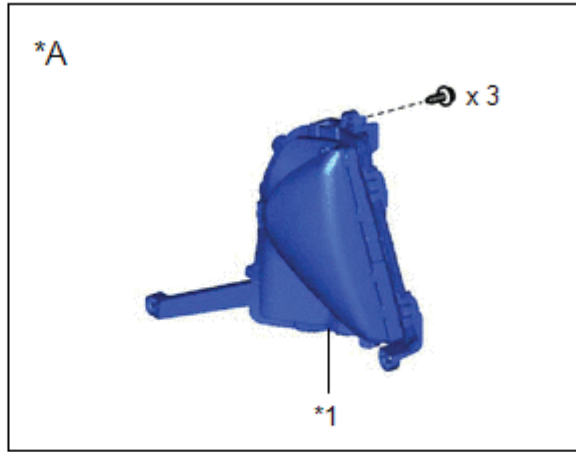
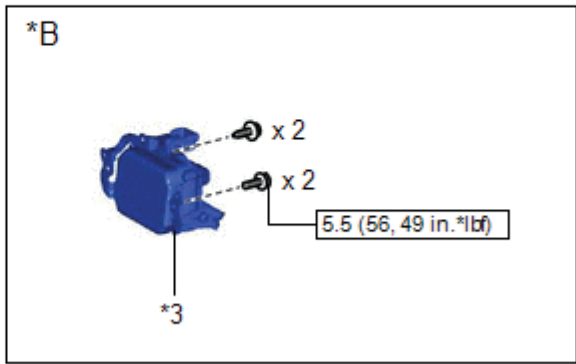
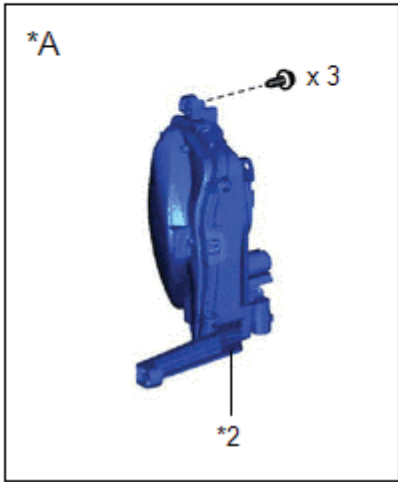
## ILLUSTRATION




P

*A	w/ Intuitive Parking Assist System	*B	w/o Fog Light
*C	w/ Fog Light	-	-
*1	FRONT CENTER ULTRASONIC SENSOR	*2	FRONT CORNER ULTRASONIC SENSOR
*3	FRONT CORNER ULTRASONIC SENSOR RETAINER	*4	FRONT SIDE ULTRASONIC SENSOR
*5	FRONT SIDE ULTRASONIC SENSOR RETAINER	*6	NO. 3 ENGINE ROOM WIRE
*7	ULTRASONIC SENSOR CLIP	-	-
•	Non-reusable part	-	-

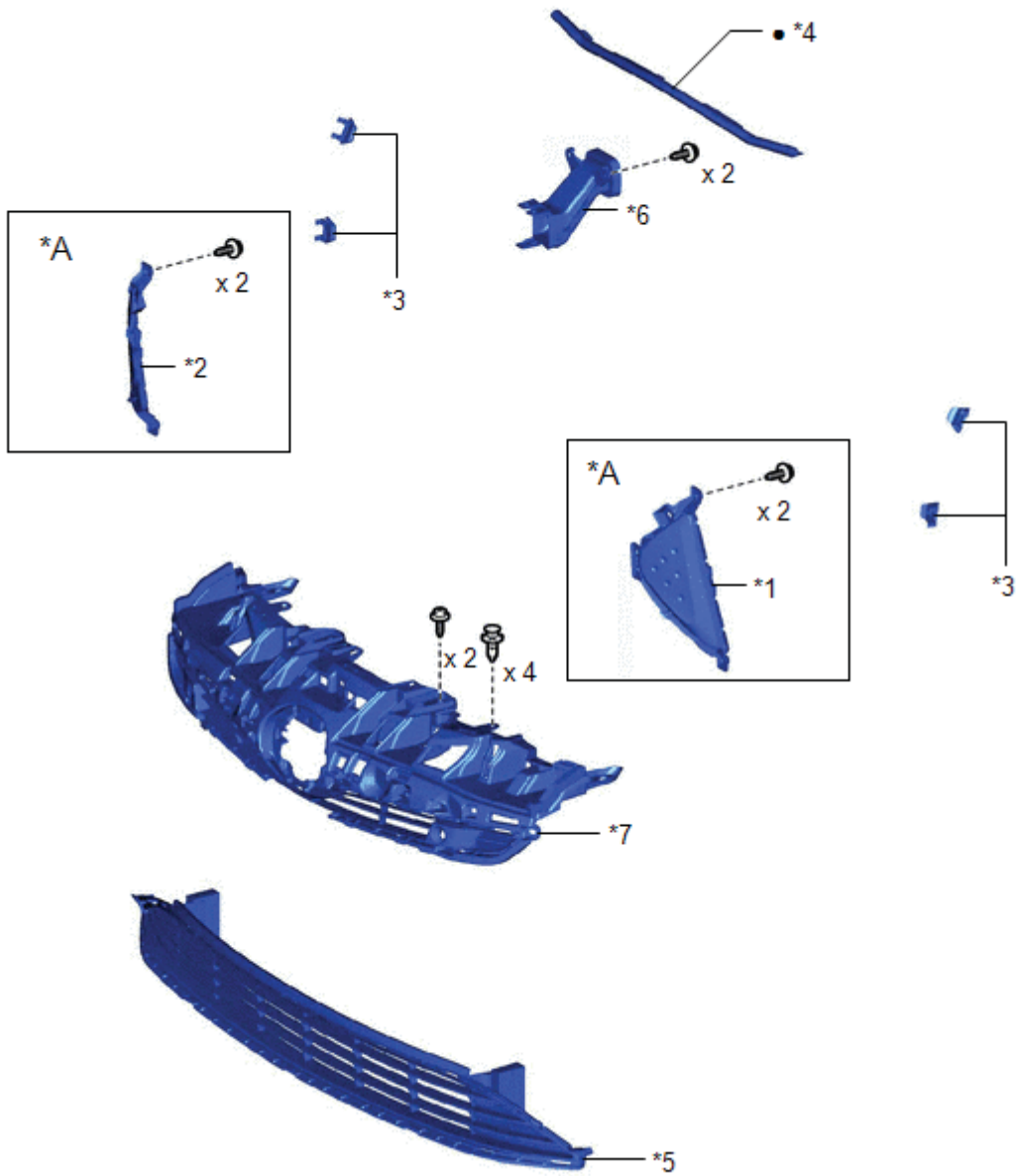
**ILLUSTRATION**



P

*A	w/ Fog Light	*B	w/ Toyota Safety Sense P
*1	FOG LIGHT ASSEMBLY LH	*2	FOG LIGHT ASSEMBLY RH
*3	MILLIMETER WAVE RADAR SENSOR ASSEMBLY	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

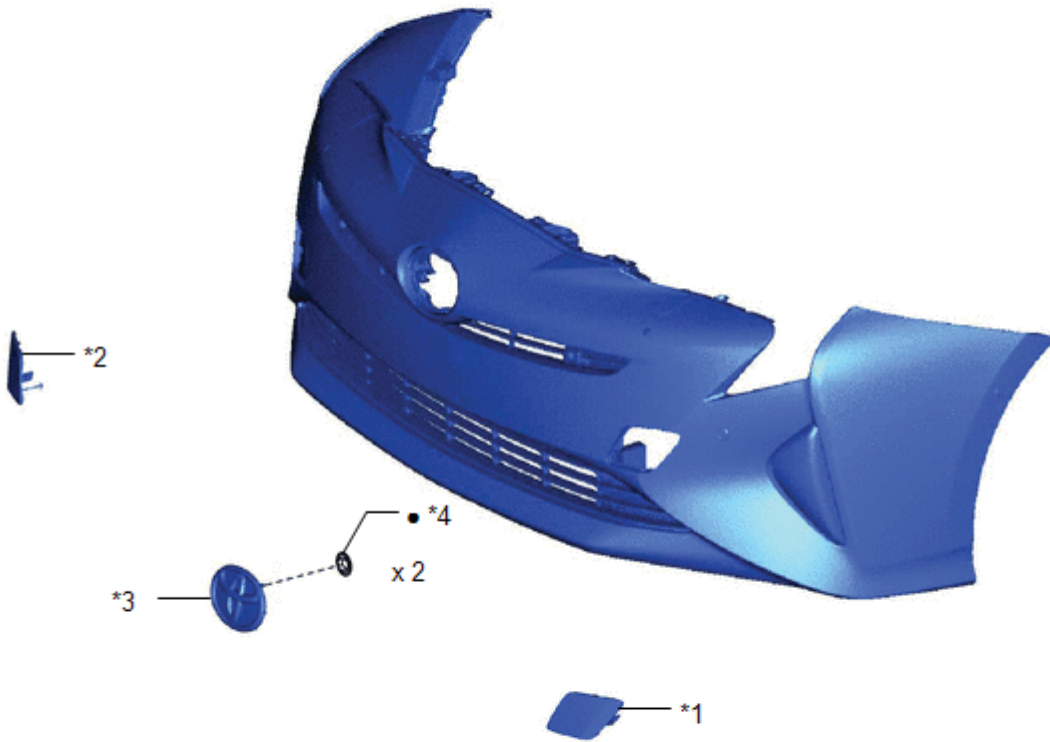
## ILLUSTRATION



P

*A	w/o Fog Light	-	-
*1	FRONT BUMPER EXTENSION LH	*2	FRONT BUMPER EXTENSION RH
*3	FRONT FENDER LINER RETAINER	*4	HOOD TO FRONT END PANEL SEAL
*5	LOWER NO. 1 RADIATOR GRILLE	*6	NO. 3 AIR CLEANER INLET
*7	RADIATOR GRILLE SUB-ASSEMBLY	-	-
•	Non-reusable part	-	-

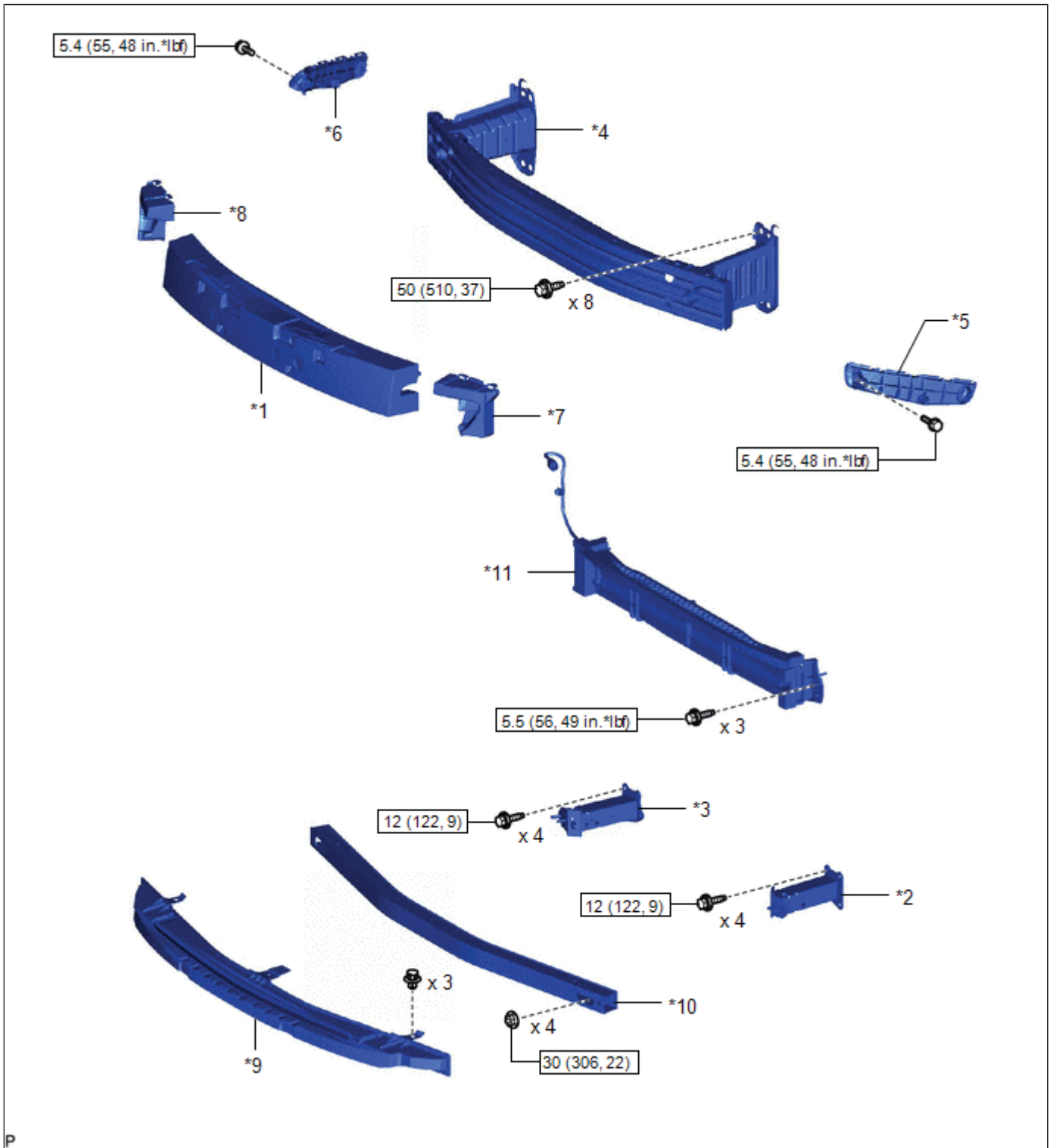
## ILLUSTRATION



P


*1	FRONT BUMPER HOLE COVER LH	*2	FRONT BUMPER HOLE COVER RH
*3	RADIATOR GRILLE EMBLEM ASSEMBLY	*4	SPRING NUT
●	Non-reusable part	-	-

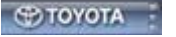
## ILLUSTRATION



P

*1	FRONT BUMPER ENERGY ABSORBER	*2	FRONT BUMPER EXTENSION LH
*3	FRONT BUMPER EXTENSION RH	*4	FRONT BUMPER REINFORCEMENT SUB-ASSEMBLY
*5	FRONT BUMPER SIDE SUPPORT LH	*6	FRONT BUMPER SIDE SUPPORT RH
*7	FRONT ENERGY ABSORBER MOUNTING REINFORCEMENT LH	*8	FRONT ENERGY ABSORBER MOUNTING REINFORCEMENT RH

*9	LOWER FRONT BUMPER ABSORBER	*10	NO. 2 FRONT BUMPER REINFORCEMENT
*11	RADIATOR SHUTTER SUB-ASSEMBLY	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-



<b>Last Modified:</b> 01-14-2019	6.8:8.0.48	<b>Doc ID:</b> RM100000000S0J9
<b>Model Year Start:</b> 2016	<b>Model:</b> Prius	<b>Prod Date Range:</b> [11/2015 - 12/2018]
<b>Title:</b> EXTERIOR PANELS / TRIM: FRONT BUMPER: DISASSEMBLY; 2016 - 2018 MY Prius [11/2015 - 12/2018]		

## [DISASSEMBLY](#)

### [PROCEDURE](#)

#### **1. REMOVE FRONT SIDE ULTRASONIC SENSOR (w/ Intuitive Parking Assist System)**

Click here [INFO](#)

#### **2. REMOVE ULTRASONIC SENSOR CLIP (w/ Intuitive Parking Assist System)**

Click here [INFO](#)

#### **3. REMOVE FRONT CORNER ULTRASONIC SENSOR (w/ Intuitive Parking Assist System)**

Click here [INFO](#)

#### **4. REMOVE FRONT CENTER ULTRASONIC SENSOR (w/ Intuitive Parking Assist System)**

Click here [INFO](#)

#### **5. REMOVE FRONT SIDE ULTRASONIC SENSOR RETAINER (w/ Intuitive Parking Assist System)**

Click here [INFO](#)

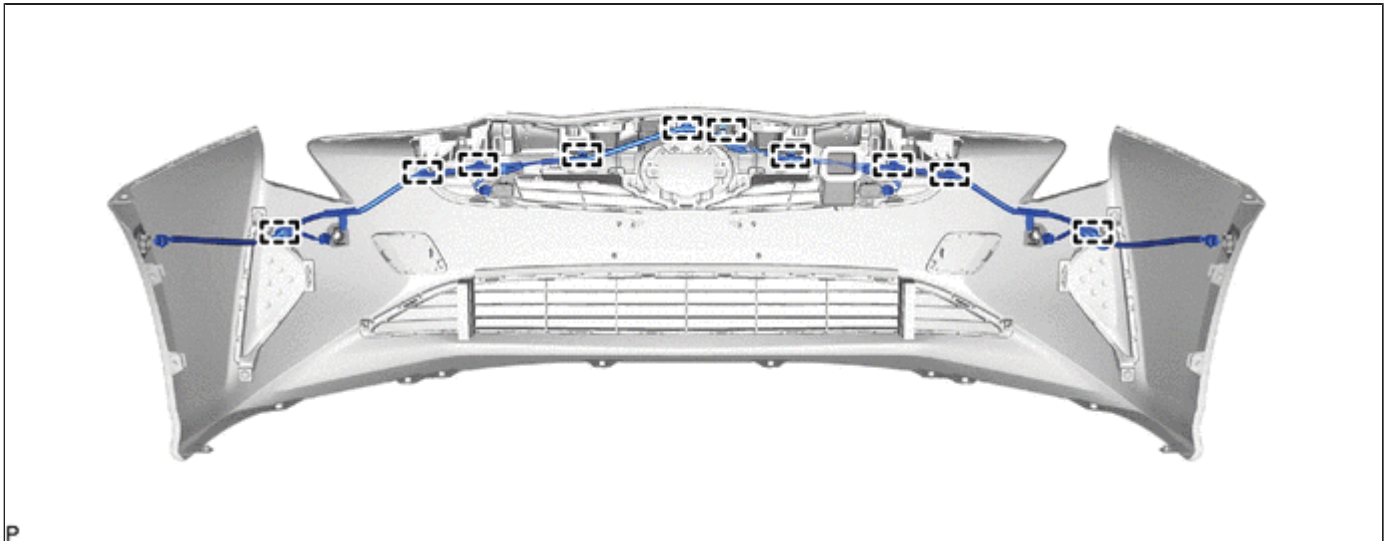
#### **6. REMOVE FRONT CORNER ULTRASONIC SENSOR RETAINER (w/ Intuitive Parking Assist System)**

Click here [INFO](#)

#### **7. REMOVE NO. 3 ENGINE ROOM WIRE (w/ Intuitive Parking Assist System)**

(a) w/o Fog Light:

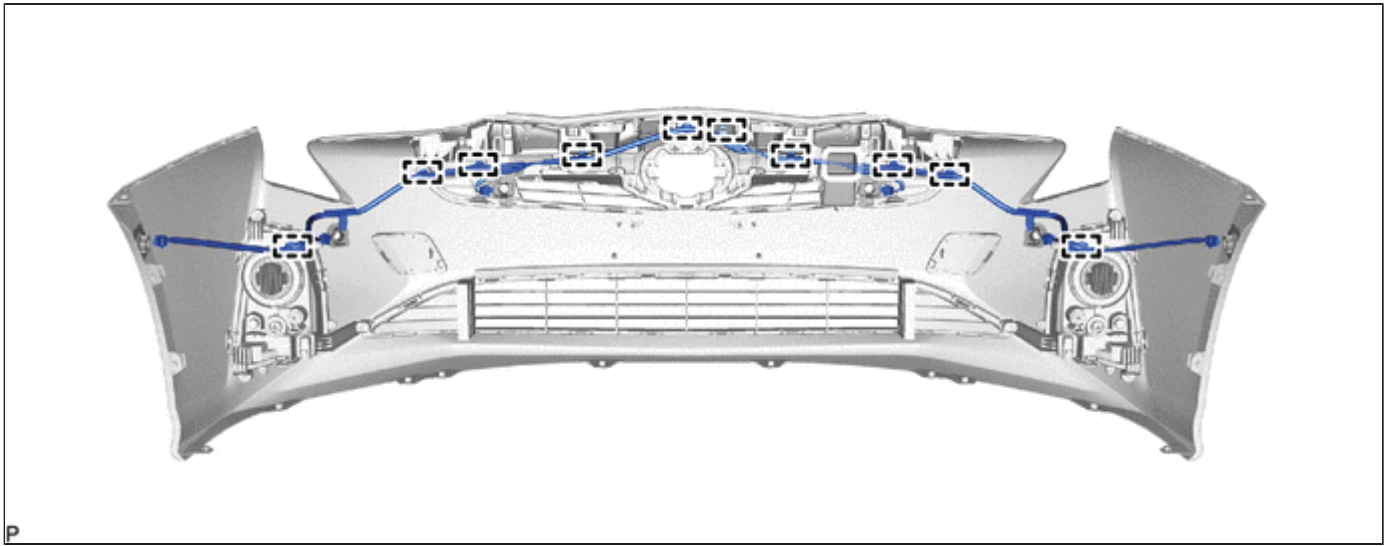
(1) Disengage the 10 clamps and remove the No. 3 engine room wire.



(b) w/ Fog Light:

(1) Disengage the 10 clamps and remove the No. 3 engine room wire.



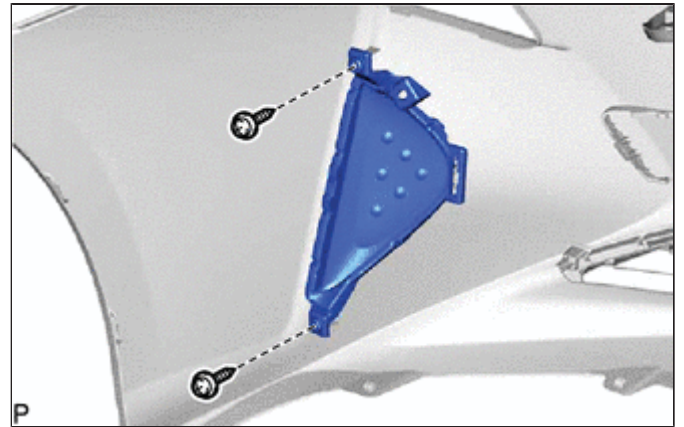


### 8. REMOVE MILLIMETER WAVE RADAR SENSOR ASSEMBLY (w/ Toyota Safety Sense P)

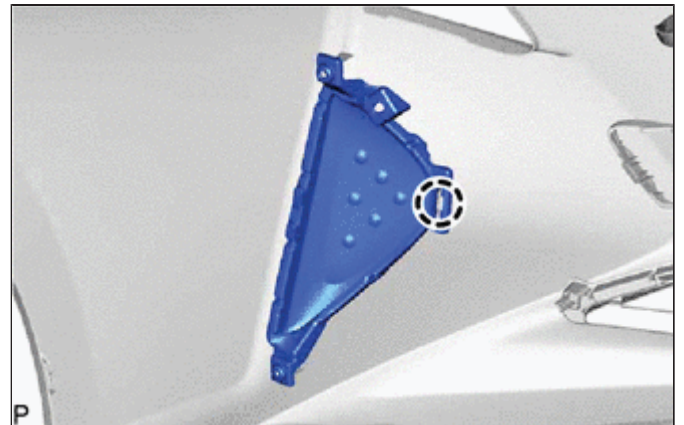
Click here [INFO](#)

### 9. REMOVE FRONT BUMPER EXTENSION LH (w/o Fog Light)

(a) Remove the 2 screws.



(b) Disengage the claw to remove the front bumper extension LH.



### 10. REMOVE FRONT BUMPER EXTENSION RH (w/o Fog Light)

**HINT:**

Use the same procedure for the LH side.

**11. REMOVE FOG LIGHT ASSEMBLY LH (w/ Fog Light)**

Click here [INFO](#)

**12. REMOVE FOG LIGHT ASSEMBLY RH (w/ Fog Light)**

**HINT:**

Use the same procedure for the LH side.

**13. REMOVE FRONT FENDER LINER RETAINER**

(a) Disengage the 2 claws to remove the 2 front fender liner retainers.

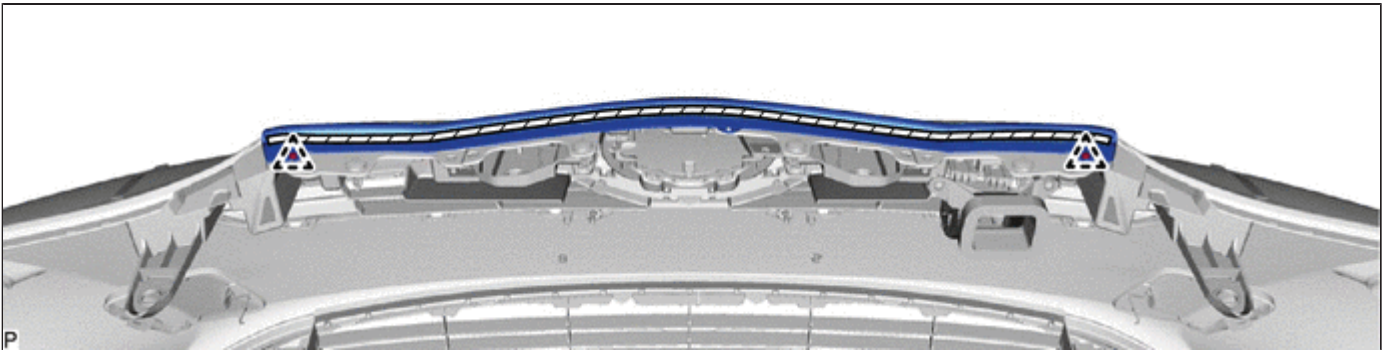
**HINT:**


Use the same procedure for the RH side and LH side.



**14. REMOVE HOOD TO FRONT END PANEL SEAL**

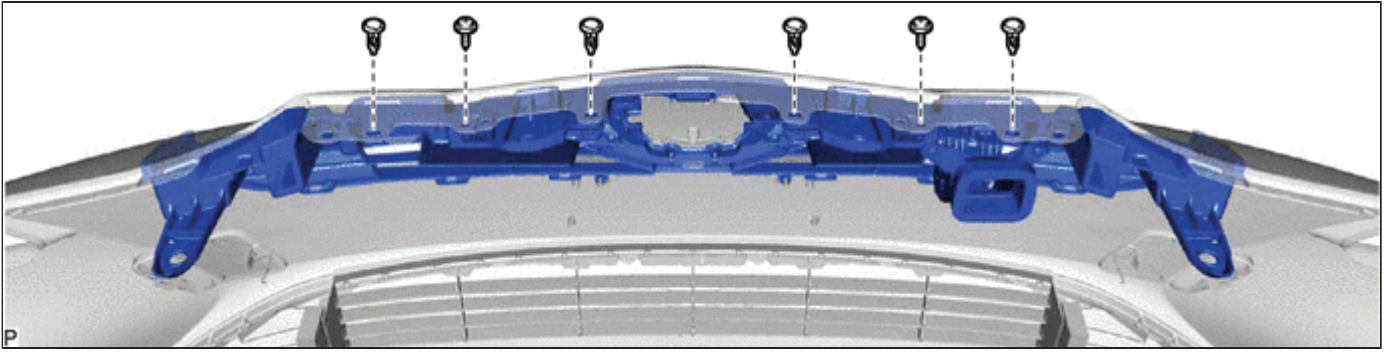
(a) Separate the double-sided tape and disengage the 2 clips to remove the hood to front end panel seal.



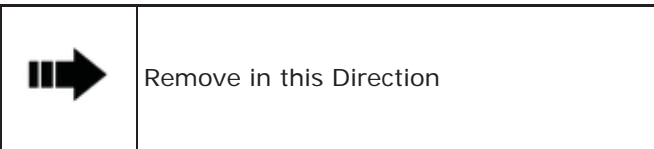
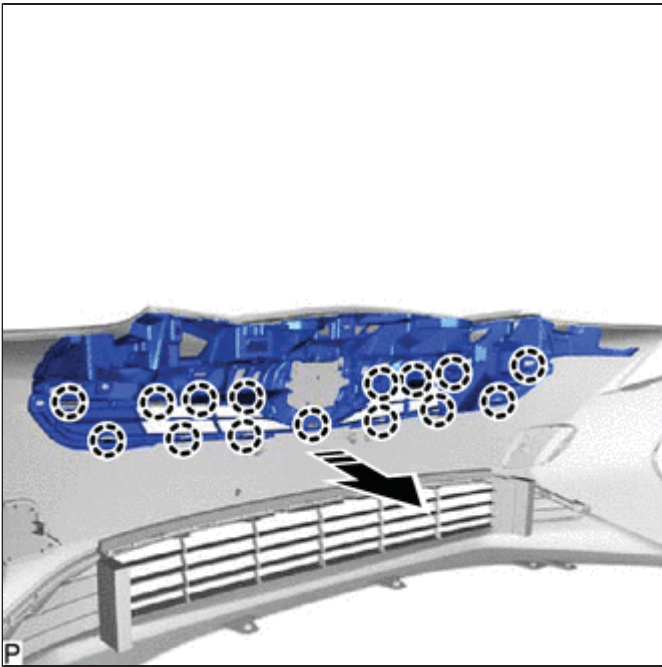
	Double-sided Tape	-	-
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**15. REMOVE RADIATOR GRILLE SUB-ASSEMBLY**

(a) Remove the 2 screws and 4 clips.

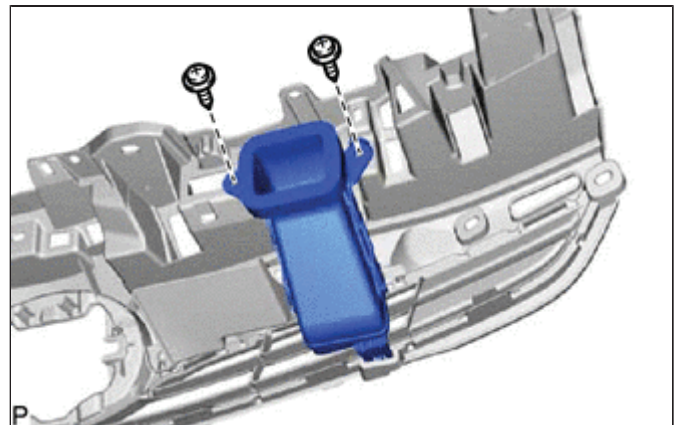


(b) Disengage the 15 claws as shown in the illustration to remove the radiator grille sub-assembly.

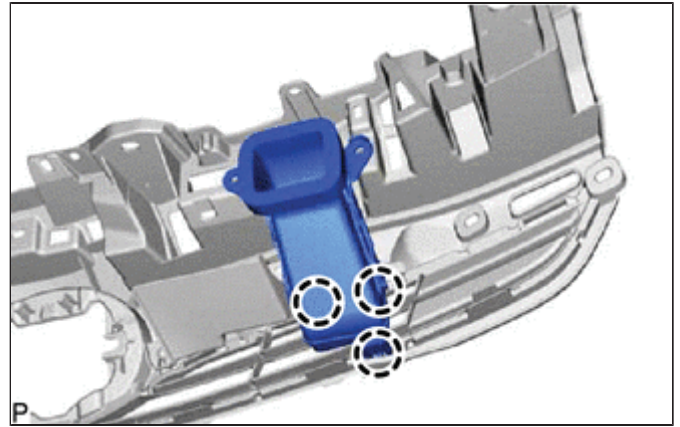


### 16. REMOVE NO. 3 AIR CLEANER INLET

(a) Remove the 2 screws.

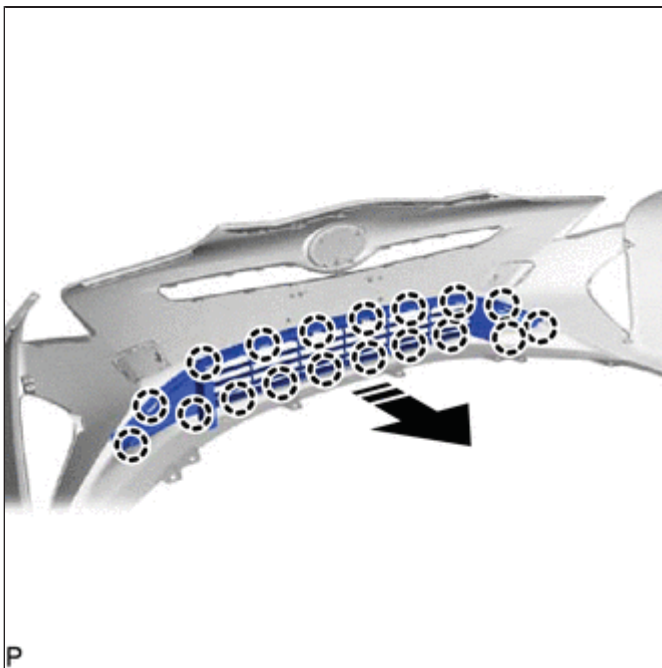


(b) Disengage the 3 claws to remove the No. 3 air cleaner inlet.



## 17. REMOVE LOWER NO. 1 RADIATOR GRILLE

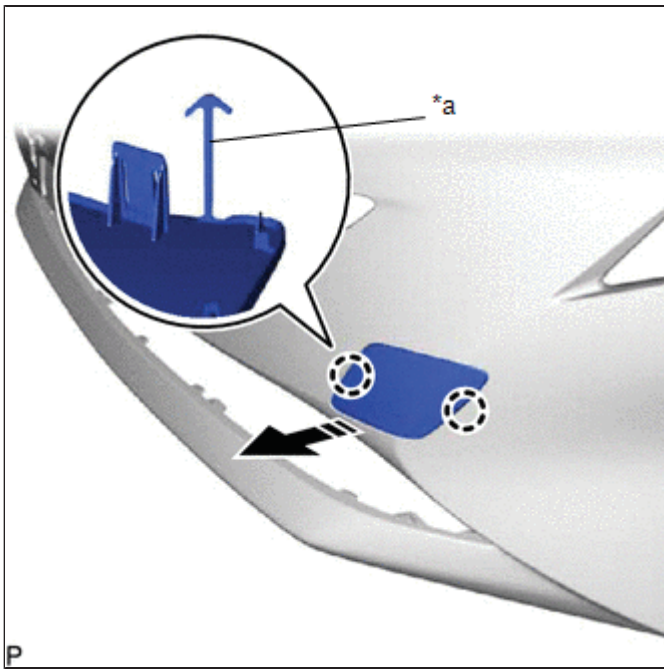
(a) Disengage the 18 claws as shown in the illustration to remove the lower No. 1 radiator grille.



Remove in this Direction

## 18. REMOVE FRONT BUMPER HOLE COVER LH

(a) Disengage the 2 claws as shown in the illustration.



*a	Hook
	Remove in this Direction

(b) Disengage the hook to remove the front bumper hole cover LH.

## 19. REMOVE FRONT BUMPER HOLE COVER RH

### HINT:

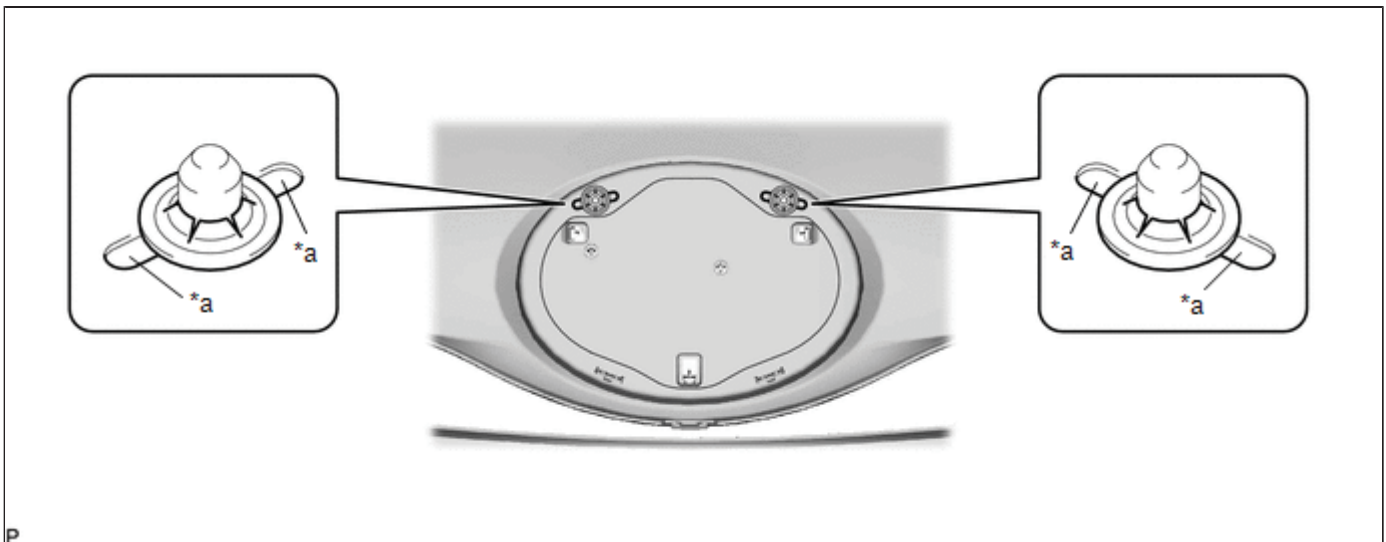
Use the same procedure for the LH side.

## 20. REMOVE RADIATOR GRILLE EMBLEM ASSEMBLY

(a) Check if there are slits at the positions shown in the illustration.

### HINT:

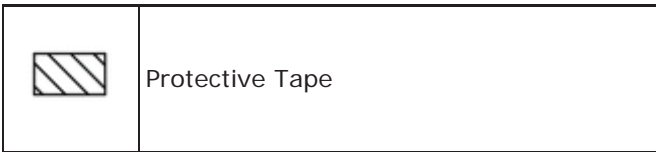
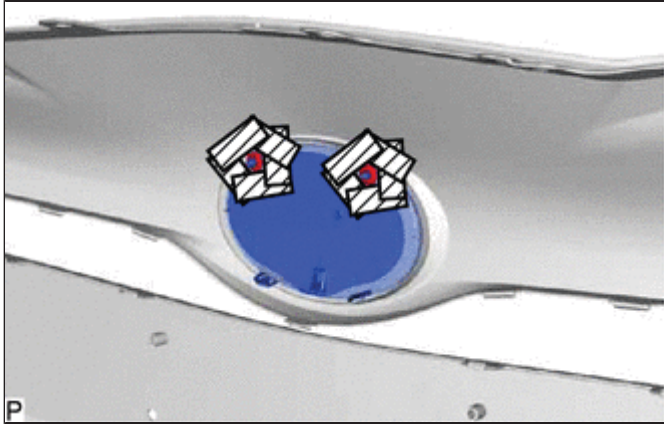
The removal procedure for the radiator grille emblem assembly will differ depending on the existence of slits.



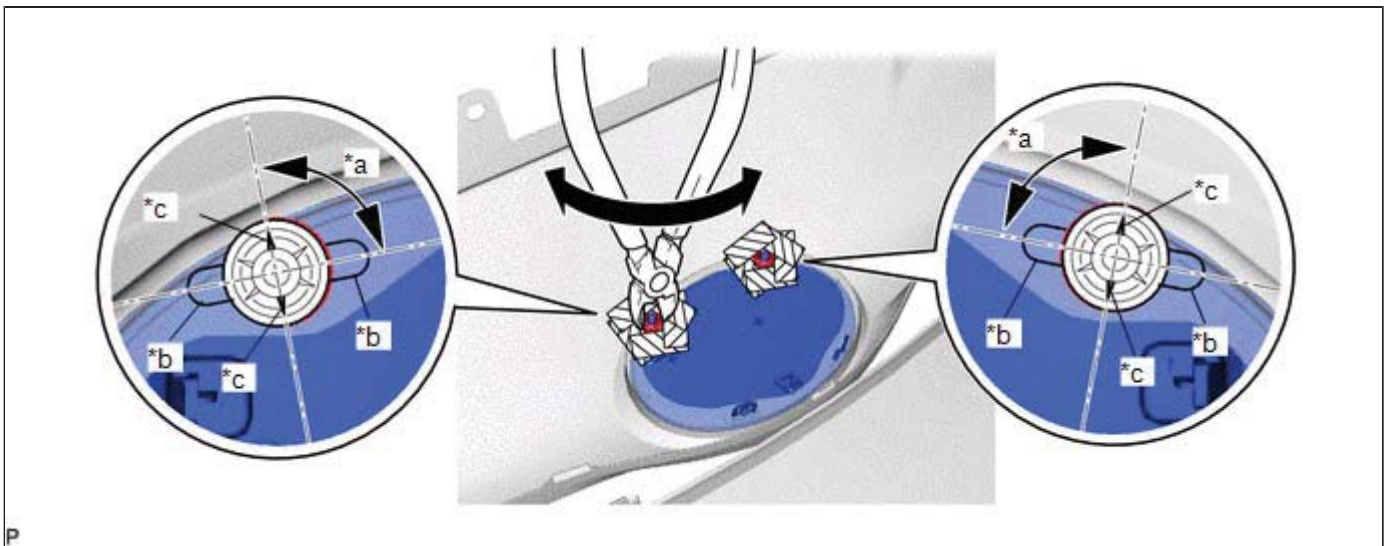
*a	Slit	-	-
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(b) w/ Slit:

(1) Apply protective tape around the spring nut.

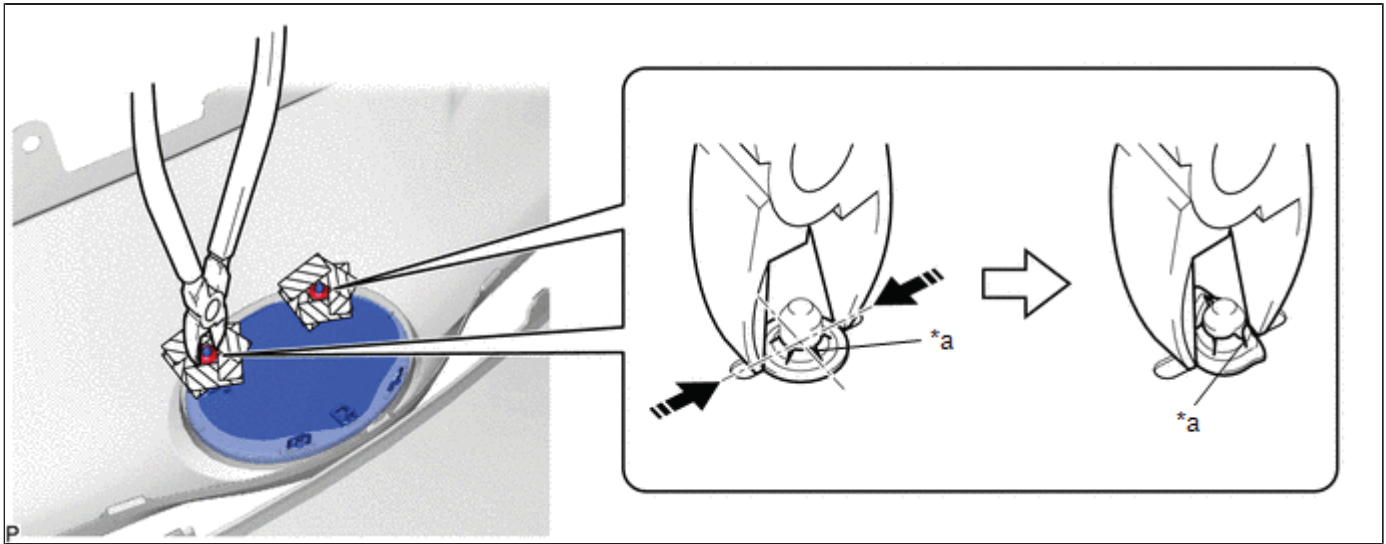


(2) Using a plier nipper (side cutters), rotate the 2 spring nuts to align the cutouts of each spring nut as shown in the illustration.



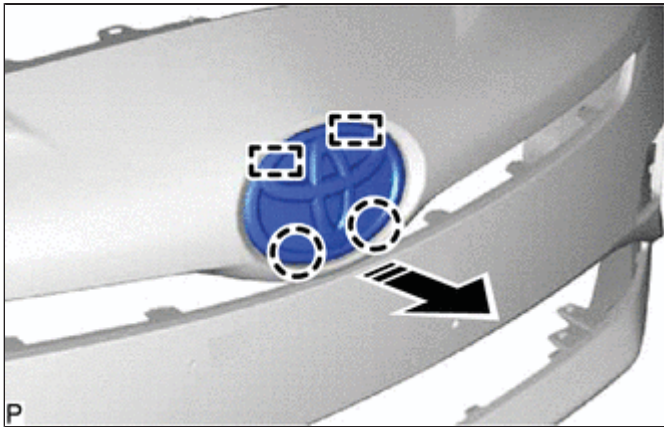
*a	90°	*b	Slit
*c	Cutout	-	-

(3) Using a plier nipper (side cutters), deform each spring nut as shown in the illustration and then remove the 2 spring nuts.



*a	Cutout	-	-
	Pinch	-	-

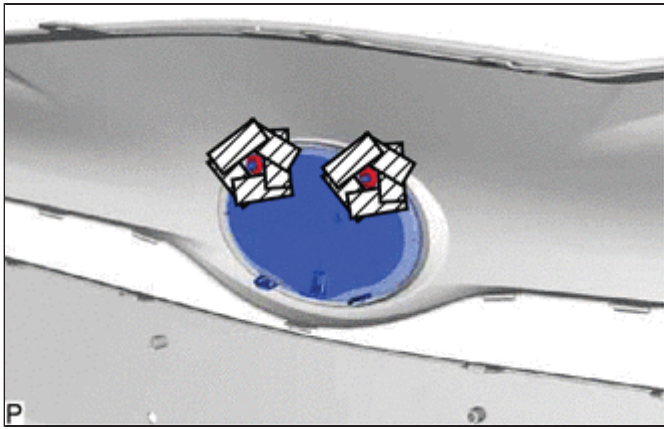
(4) Disengage the 2 claws and 2 guides as shown in the illustration to remove the radiator grille emblem assembly.



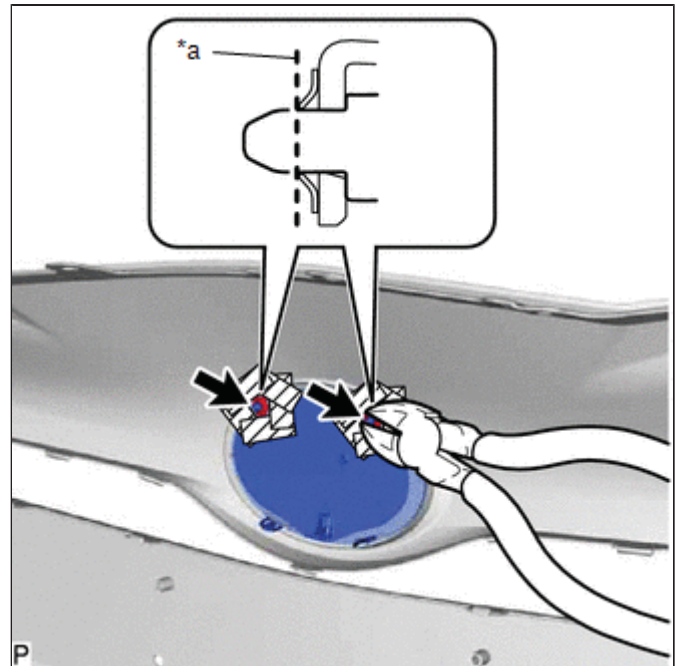
	Remove in this Direction
--	--------------------------

(c) w/o Slit (When Replacing the Radiator Grille Emblem Assembly):

(1) Apply protective tape around the spring nut.

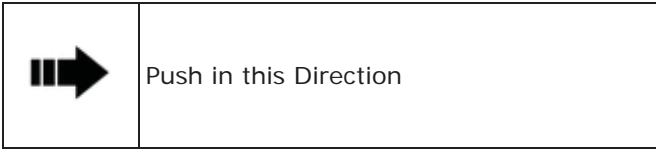
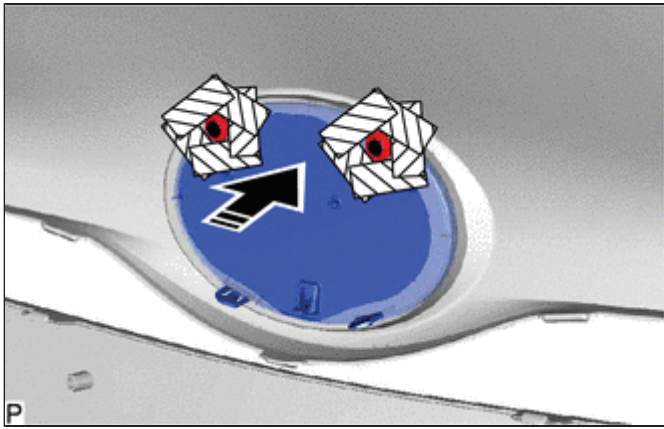


(2) Using a plier nipper (side cutters), cut the radiator grille emblem assembly at the positions shown in the illustration.



(3) Push the radiator grille emblem assembly to remove the 2 spring nuts as shown in the illustration.

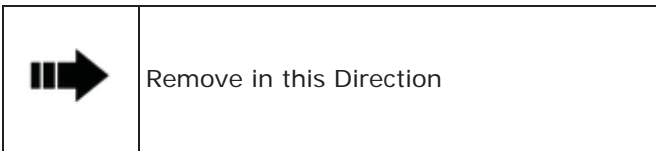
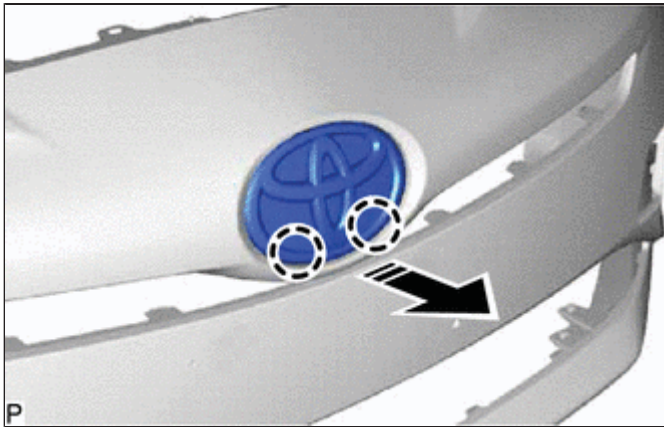




**CAUTION:**

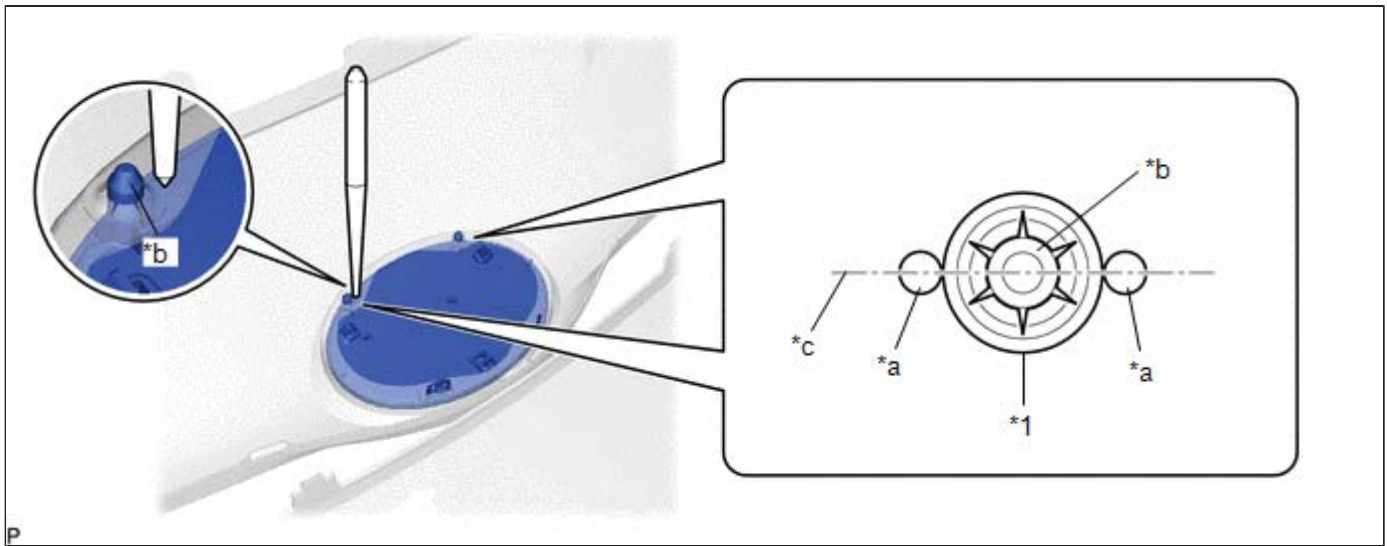
Make sure to cover the spring nuts with a piece of cloth or equivalent to prevent them from flying off during removal.

(4) Disengage the 2 claws as shown in the illustration to remove the radiator grille emblem assembly.



(d) w/o Slit (When Replacing the Front Bumper Cover):

(1) Using a center punch, make a depression at the positions shown in the illustration.

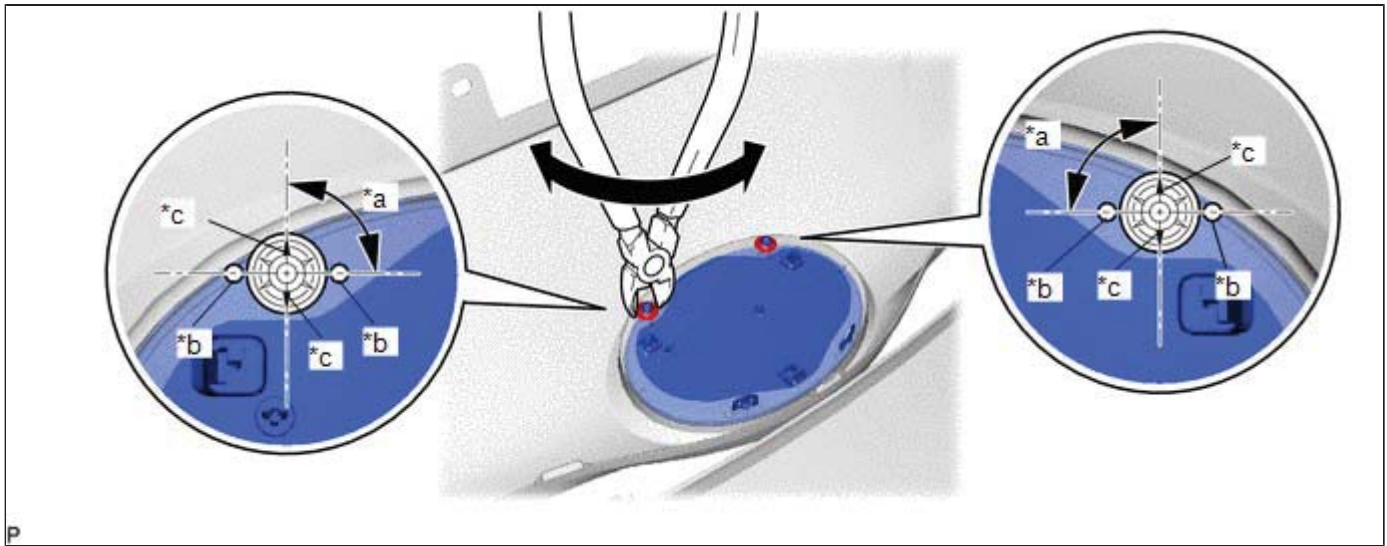


*1	Spring Nut	-	-
*a	Depression	*b	Pin of Radiator Grille Emblem Assembly
*c	Center Line	-	-

**HINT:**

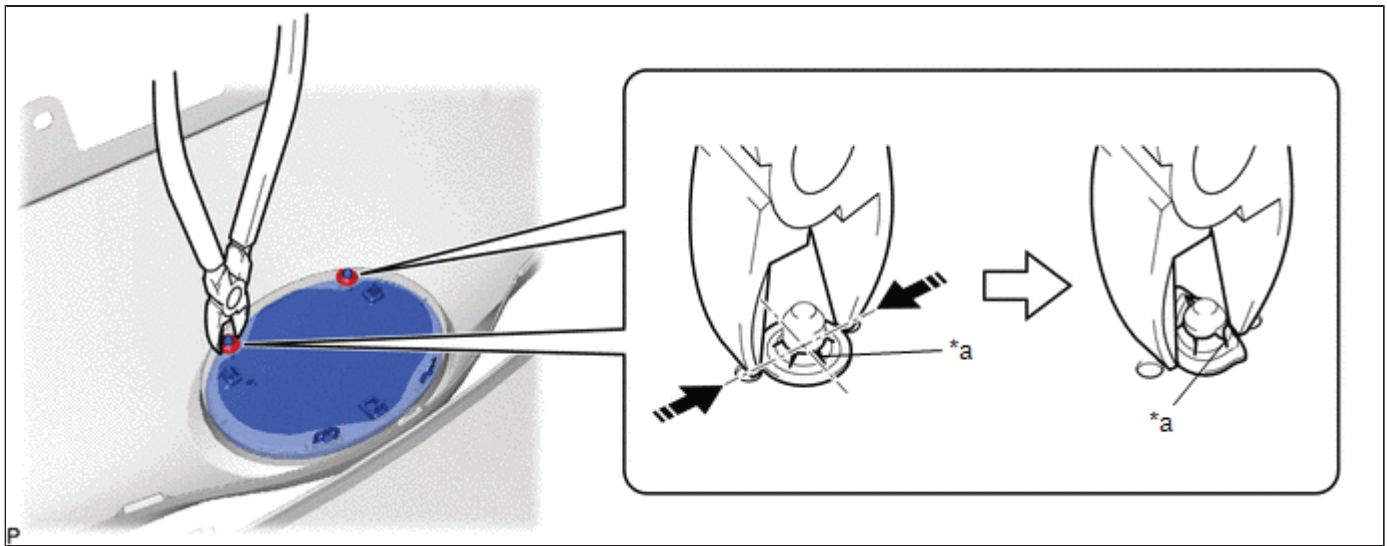
- Make sure to make the depressions so they are aligned with the center line of the pin of the radiator grille emblem assembly.
- Make sure to make the depressions correctly so that a plier nipper (side cutters) can be used to pinch the spring nuts.

(2) Using a plier nipper (side cutters), rotate the 2 spring nuts to align the cutouts of each spring nut as shown in the illustration.



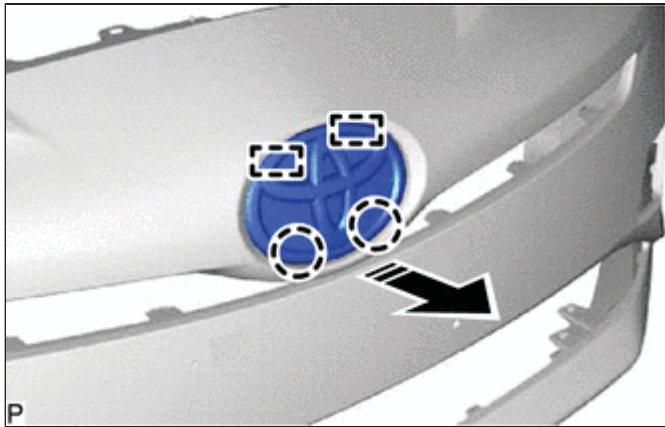
*a	90°	*b	Depression
*c	Cutout	-	-

(3) Using a plier nipper (side cutters), deform each spring nut as shown in the illustration and then remove the 2 spring nuts.



*a	Cutout	-	-
	Pinch	-	-

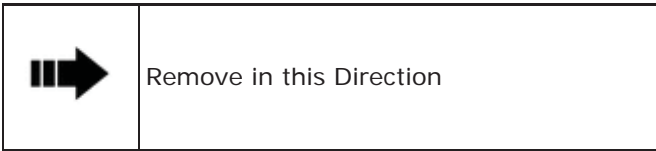
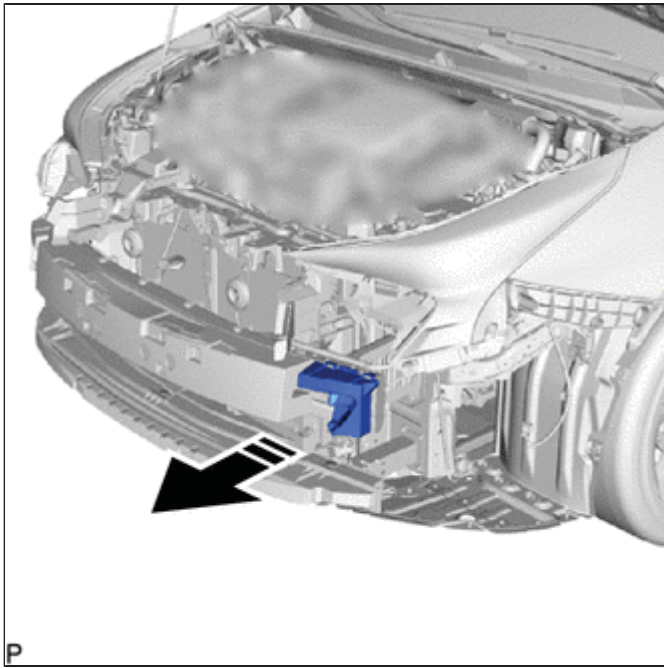
(4) Disengage the 2 claws and 2 guides as shown in the illustration to remove the radiator grille emblem assembly.



	Remove in this Direction
--	--------------------------

## 21. REMOVE FRONT ENERGY ABSORBER MOUNTING REINFORCEMENT LH

(a) Remove the front energy absorber mounting reinforcement LH as shown in the illustration.



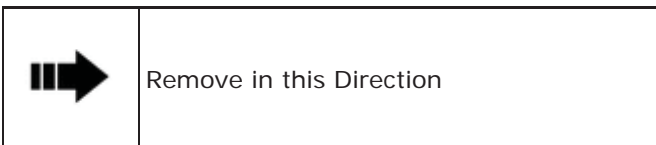
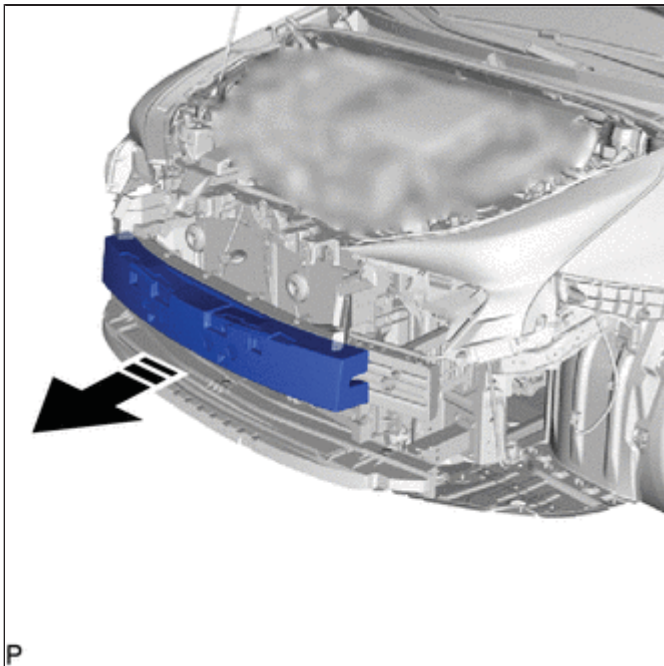
## 22. REMOVE FRONT ENERGY ABSORBER MOUNTING REINFORCEMENT RH

### HINT:

Use the same procedure for the LH side.

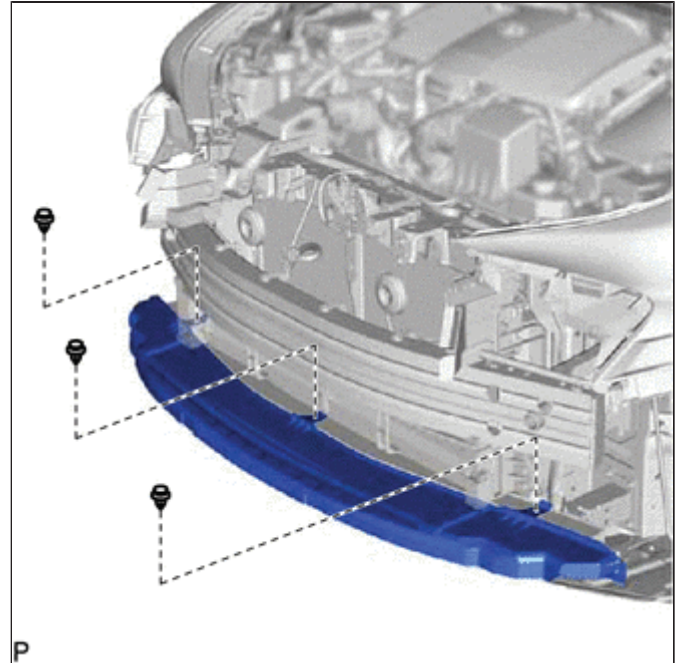
## 23. REMOVE FRONT BUMPER ENERGY ABSORBER

(a) Remove the front bumper energy absorber as shown in the illustration.



## 24. REMOVE LOWER FRONT BUMPER ABSORBER

(a) Remove the 3 clips and lower front bumper absorber.

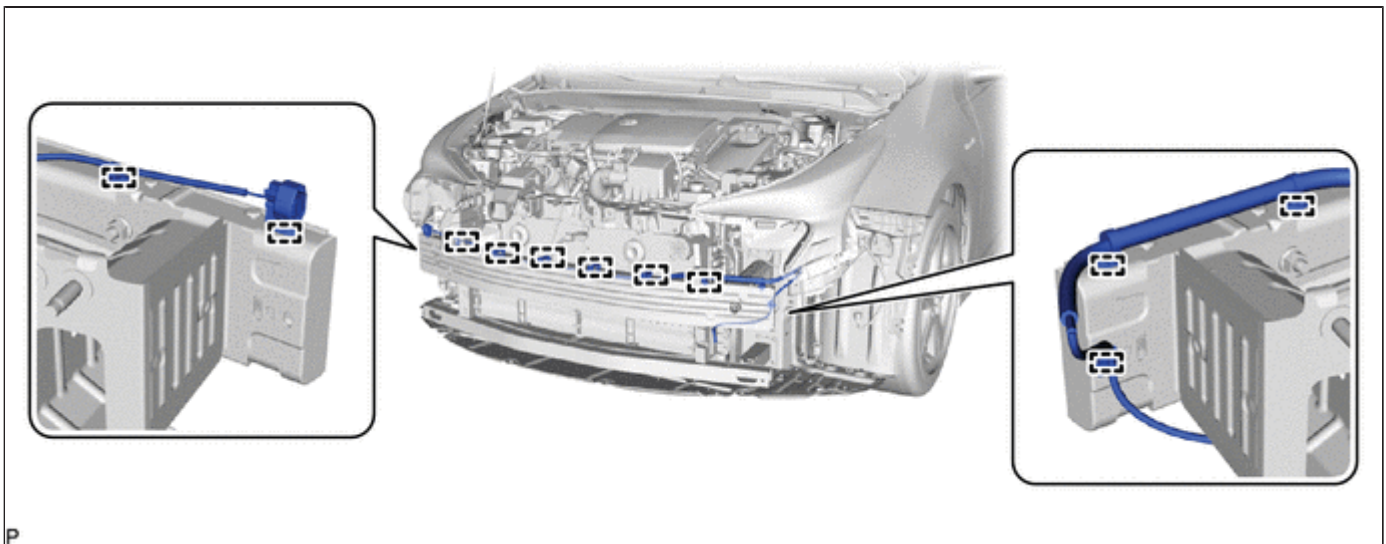


## 25. REMOVE RADIATOR SHUTTER SUB-ASSEMBLY

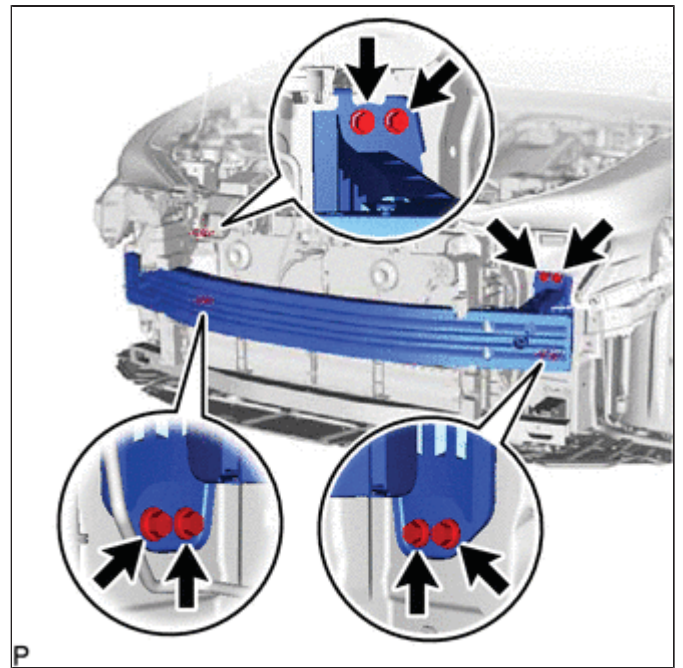
Click here [INFO](#)

## 26. REMOVE FRONT BUMPER REINFORCEMENT SUB-ASSEMBLY

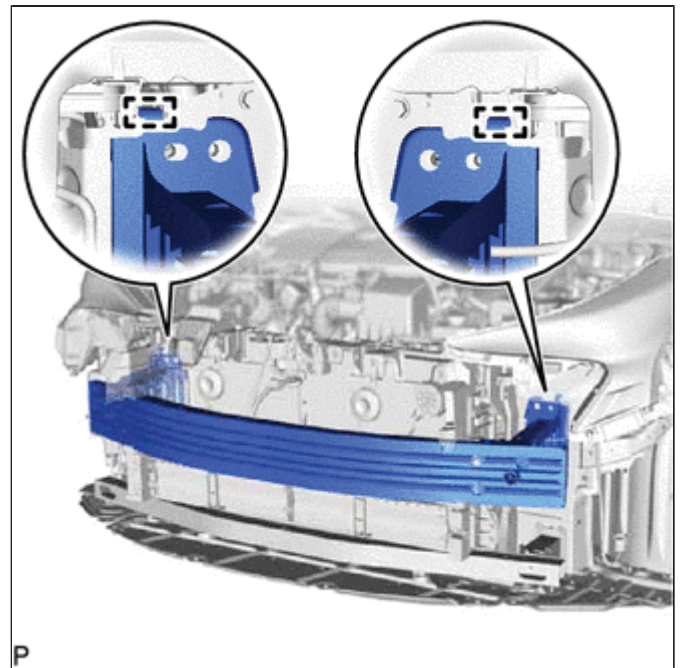
(a) Disengage the 11 clamps.



(b) Remove the 8 bolts.

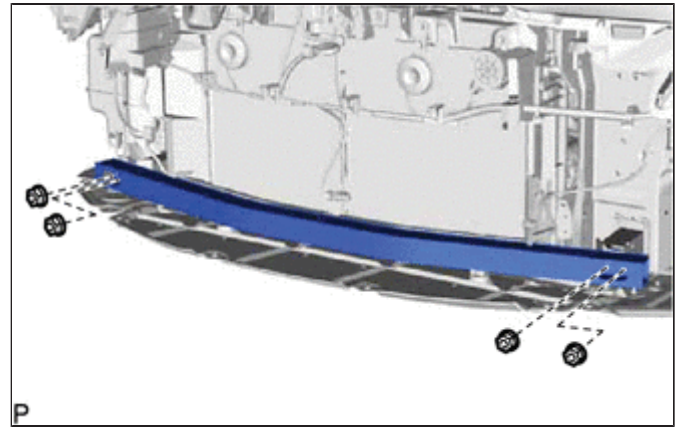


(c) Disengage the 2 guides to remove the front bumper reinforcement sub-assembly.



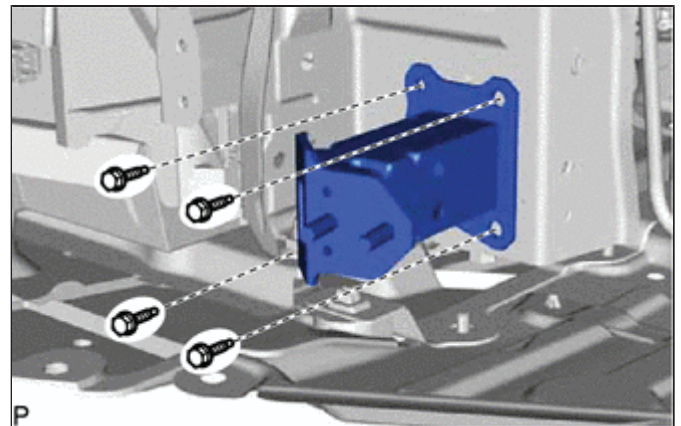
## 27. REMOVE NO. 2 FRONT BUMPER REINFORCEMENT

(a) Remove the 4 nuts and No. 2 front bumper reinforcement.



## 28. REMOVE FRONT BUMPER EXTENSION LH

(a) Remove the 4 bolts and front bumper extension LH.



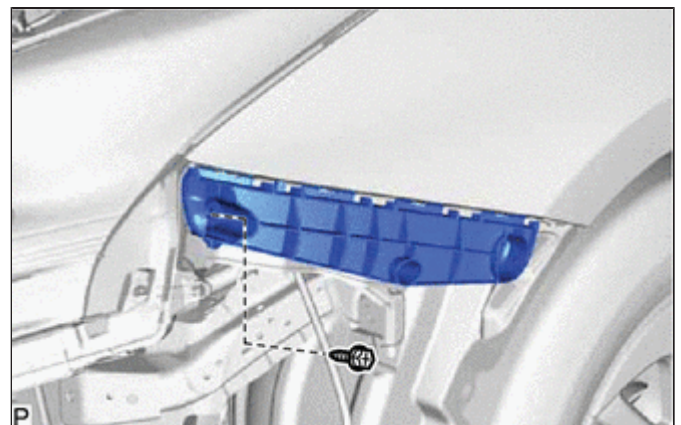
## 29. REMOVE FRONT BUMPER EXTENSION RH

### HINT:

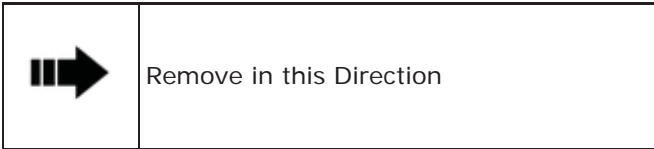
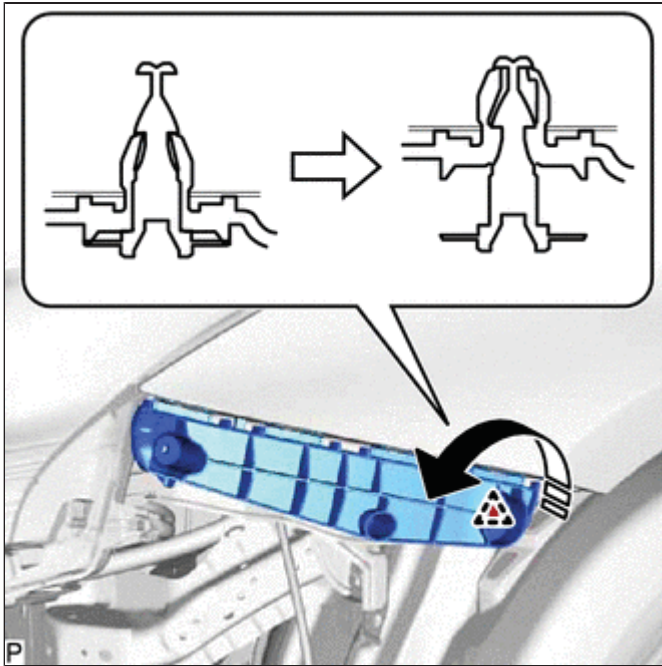
Use the same procedure for the LH side.

## 30. REMOVE FRONT BUMPER SIDE SUPPORT LH

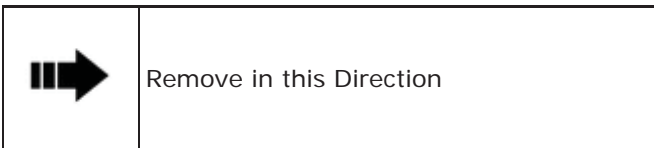
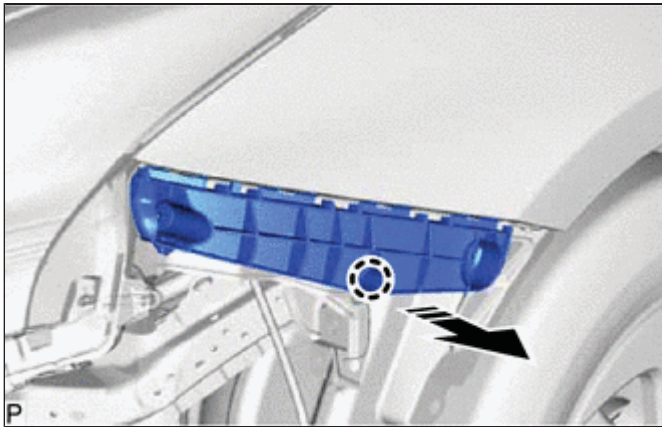
(a) Remove the bolt.



(b) Disengage the clip as shown in the illustration.



(c) Disengage the claw as shown in the illustration to remove the front bumper side support LH.



### 31. REMOVE FRONT BUMPER SIDE SUPPORT RH

**HINT:**

Use the same procedure for the LH side.





<b>Last Modified:</b> 01-14-2019	6.8:8.0.48	<b>Doc ID:</b> RM100000000SOJ6
<b>Model Year Start:</b> 2016	<b>Model:</b> Prius	<b>Prod Date Range:</b> [11/2015 - 12/2018]
<b>Title:</b> EXTERIOR PANELS / TRIM: FRONT BUMPER: INSTALLATION; 2016 - 2018 MY Prius [11/2015 - 12/2018]		

## INSTALLATION

### CAUTION / NOTICE / HINT

**HINT:**

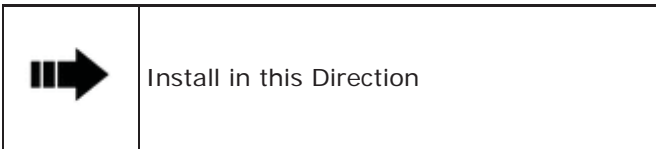
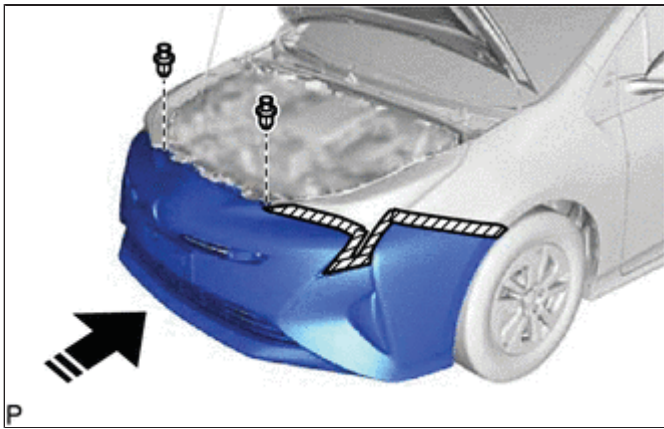
When the front bumper is damaged or deformed due to an accident or contact with other objects, etc., or the bumper installation area on the body is repaired, it is necessary to perform millimeter wave radar sensor adjustment.

Click here [INFO](#)

## PROCEDURE

### 1. INSTALL FRONT BUMPER ASSEMBLY

- (a) Move the front bumper assembly into position.
- (b) Temporarily install the front bumper assembly with the 2 clips as shown in the illustration.



- (c) Install the 4 bolts.
- (d) w/ Intuitive Parking Assist System:
  - (1) Connect the connector.
- (e) w/ Toyota Safety Sense P:
  - (1) Connect the connector.
- (f) w/ Fog Light:
  - (1) Pull back the side of the front bumper assembly and connect the connector.

**NOTICE:**

Do not apply excessive force when pulling back the front bumper assembly.

**HINT:**

Use the same procedure for the RH side and LH side.

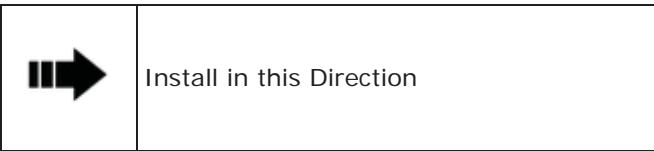
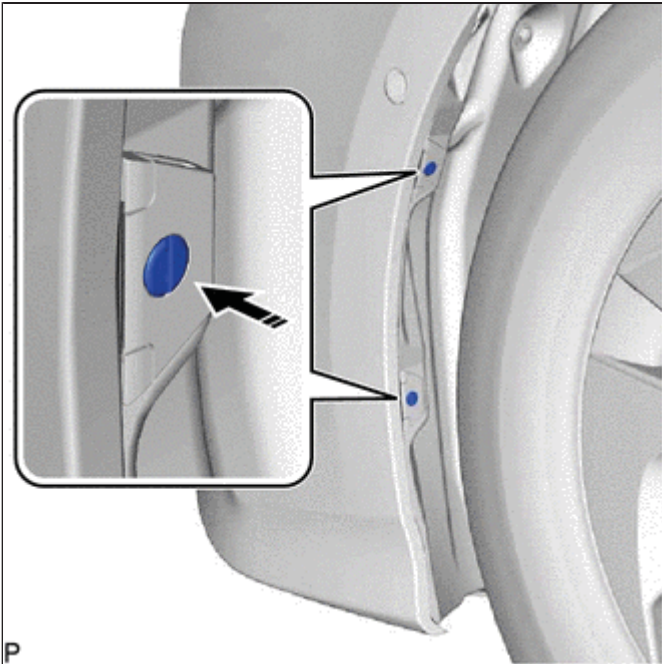
- (g) Engage the 4 claws.

**HINT:**

Use the same procedure for the RH side and LH side.

(h) Install the 12 screws.

(i) Install the front bumper assembly with the 2 pin hold clips as shown in the illustration.

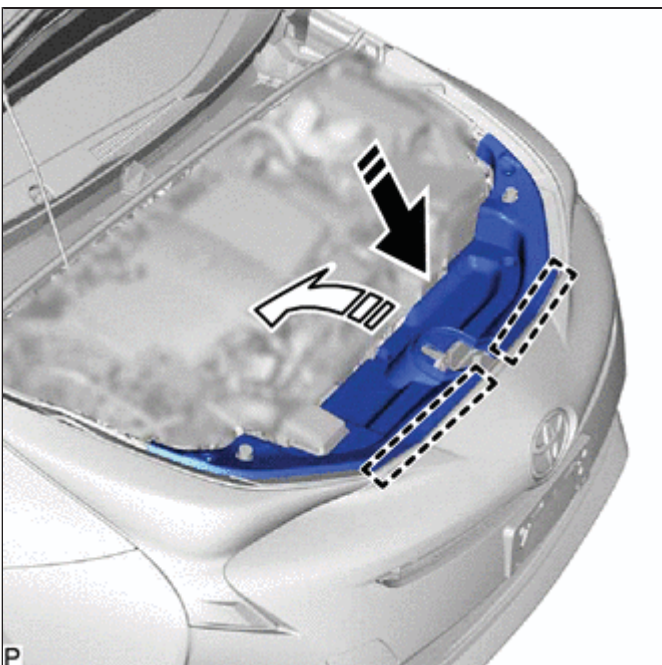




**HINT:**

Use the same procedure for the RH side and LH side.

**2. INSTALL RADIATOR SUPPORT OPENING COVER**

(a) Engage the 2 guides as shown in the illustration.



	Install in this Direction (1)
	Install in this Direction (2)

(b) Install the radiator support opening cover with the 5 clips.

### 3. ADJUST FOG LIGHT ASSEMBLY (w/ Fog Light)

Click here [INFO](#)

### 4. INITIALIZATION GRILLE SHUTTER SYSTEM

(a) Change the grille shutter control mode to normal mode and initialize the grille shutter system.

Click here [INFO](#)

### 5. PERFORM CALIBRATION (w/ Intuitive Parking Assist System)

Click here [INFO](#)



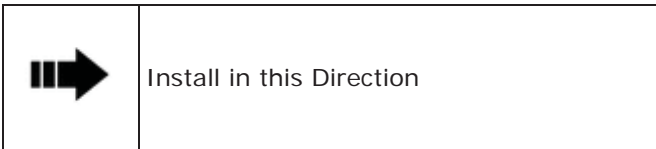
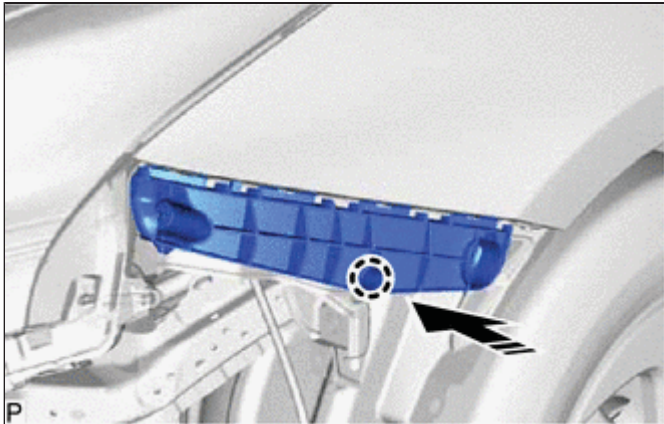
Last Modified: 01-14-2019	6.8:8.0.48	Doc ID: RM100000000S0JA
Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 - 12/2018]
Title: EXTERIOR PANELS / TRIM: FRONT BUMPER: REASSEMBLY; 2016 - 2018 MY Prius [11/2015 - 12/2018]		

## REASSEMBLY

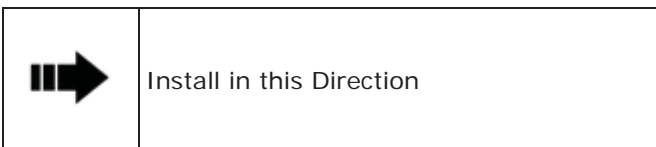
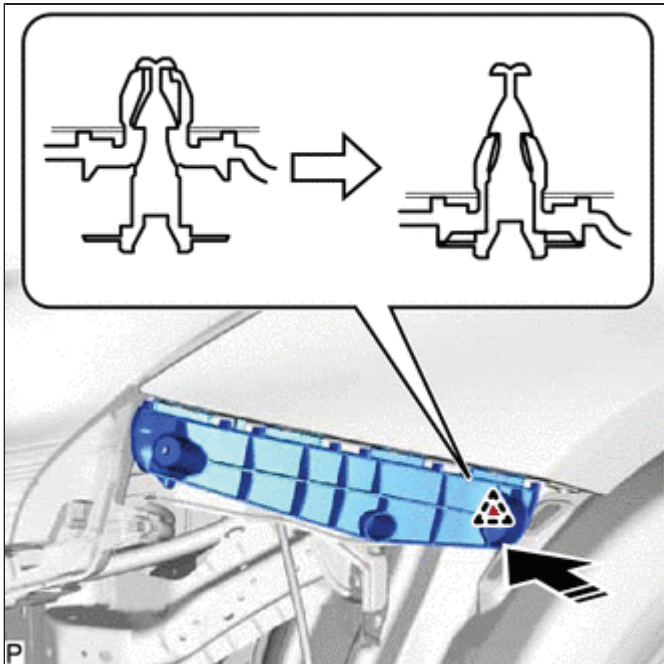
### PROCEDURE

#### 1. INSTALL FRONT BUMPER SIDE SUPPORT LH

(a) Engage the claw as shown in the illustration.



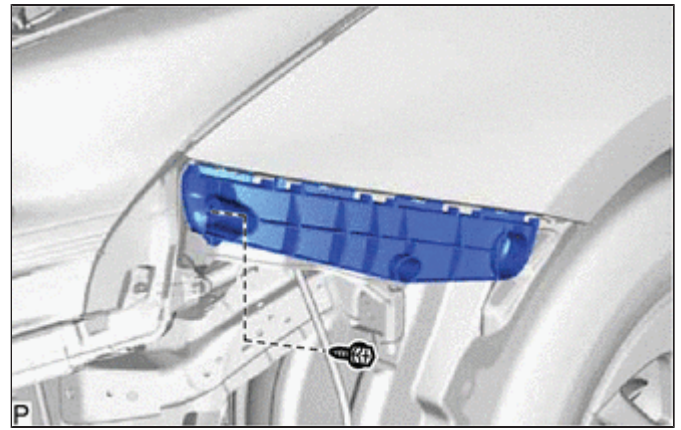
(b) Engage the clip as shown in the illustration.



(c) Install the front bumper side support LH with the bolt.

**Torque:**

**5.4 N·m {55 kgf·cm, 48 in·lbf}**



## 2. INSTALL FRONT BUMPER SIDE SUPPORT RH

### **HINT:**

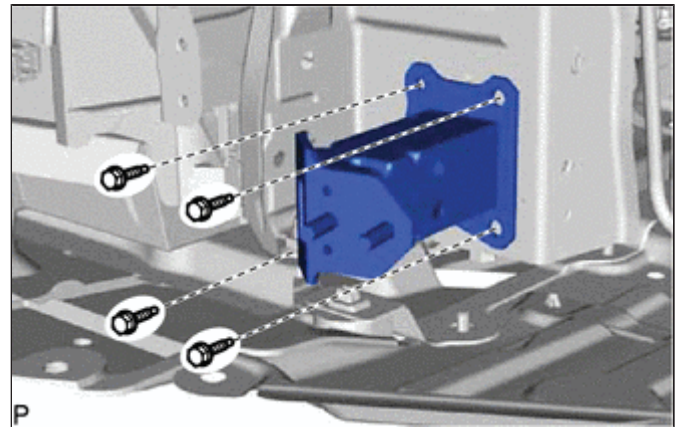
Use the same procedure for the LH side.

## 3. INSTALL FRONT BUMPER EXTENSION LH

(a) Install the front bumper extension LH with the 4 bolts.

**Torque:**

**12 N·m {122 kgf·cm, 9 ft·lbf}**



## 4. INSTALL FRONT BUMPER EXTENSION RH

### **HINT:**

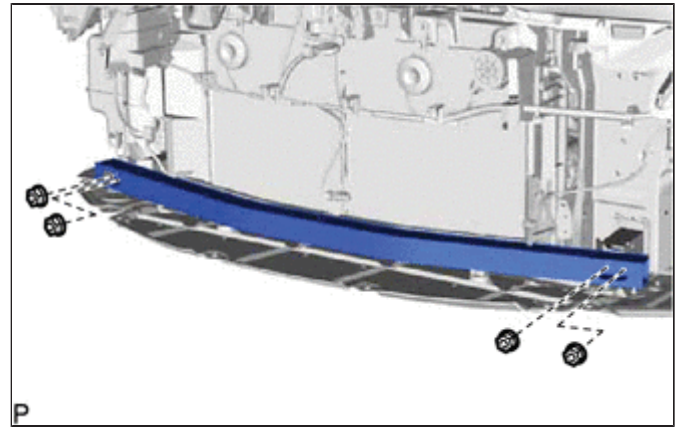
Use the same procedure for the LH side.

## 5. INSTALL NO. 2 FRONT BUMPER REINFORCEMENT

(a) Install the No. 2 front bumper reinforcement with the 4 nuts.

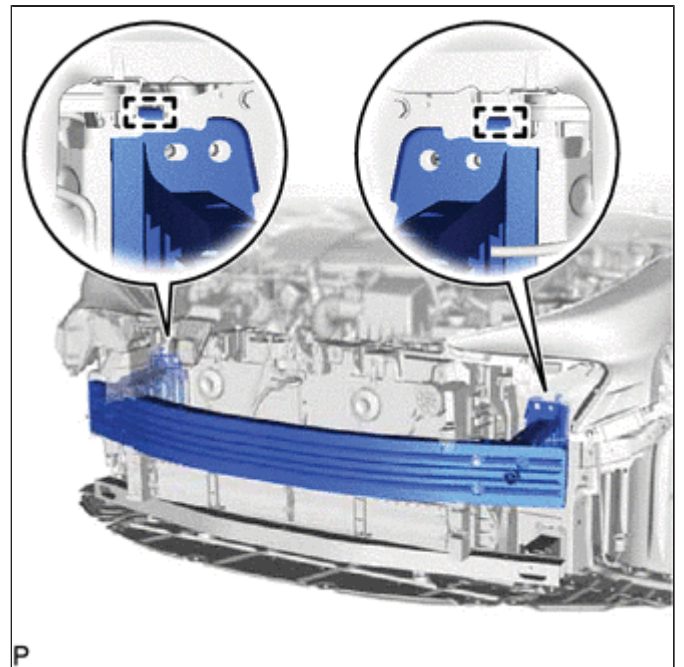
**Torque:**

**30 N·m {306 kgf·cm, 22 ft·lbf}**



## 6. INSTALL FRONT BUMPER REINFORCEMENT SUB-ASSEMBLY

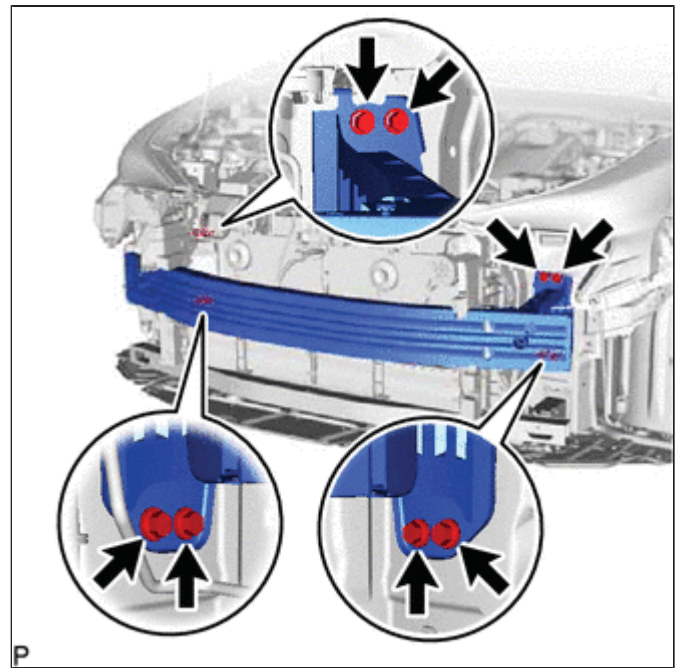
(a) Engage the 2 guides.



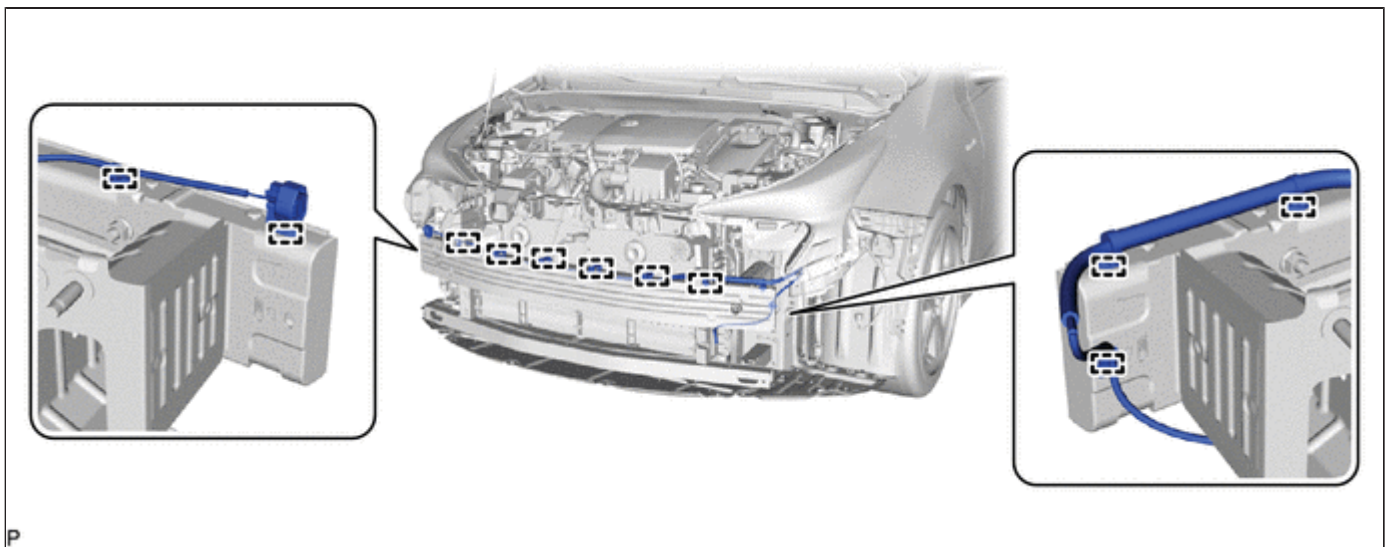
(b) Install the front bumper reinforcement sub-assembly with the 8 bolts.

**Torque:**

**50 N·m { 510 kgf·cm, 37 ft·lbf }**



(c) Engage the 11 clamps.

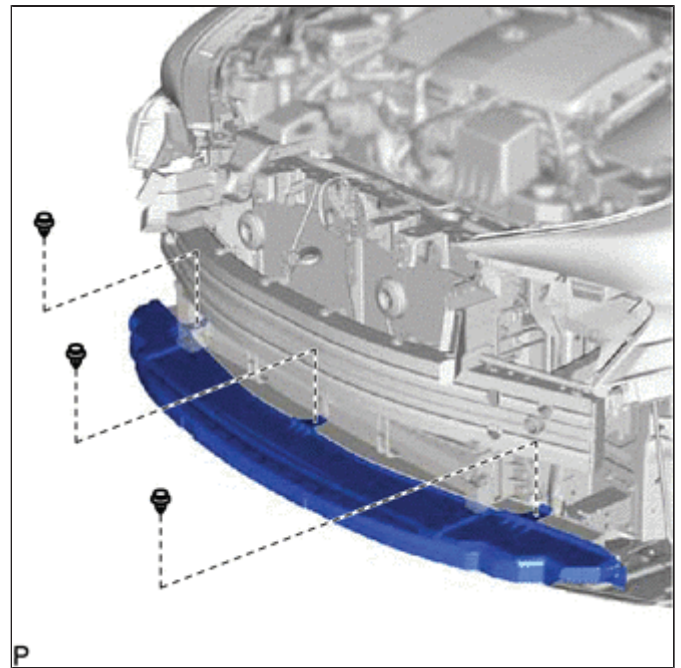


## 7. INSTALL RADIATOR SHUTTER SUB-ASSEMBLY

Click here [INFO](#)

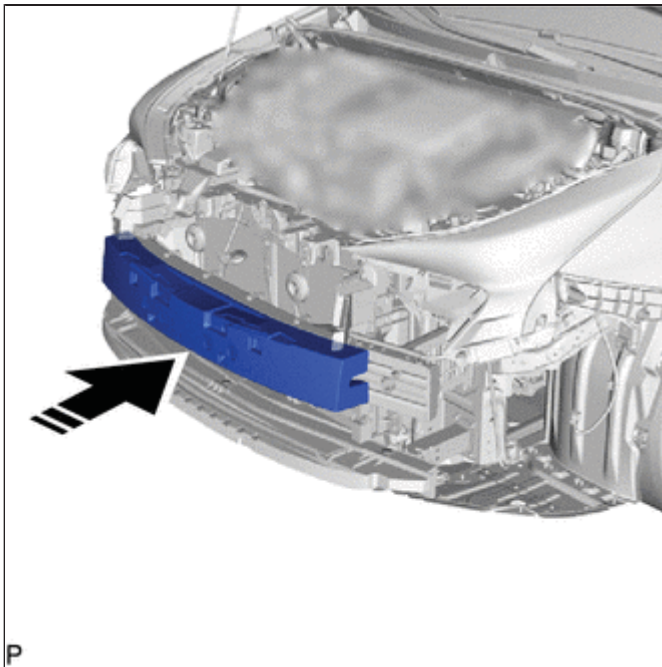
## 8. INSTALL LOWER FRONT BUMPER ABSORBER

(a) Install the lower front bumper absorber with the 3 clips.



## 9. INSTALL FRONT BUMPER ENERGY ABSORBER

(a) Install the front bumper energy absorber as shown in the illustration.

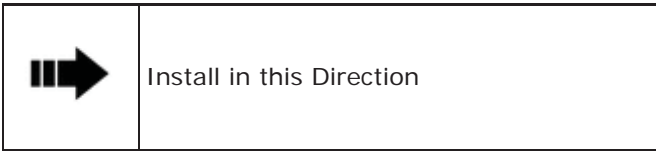
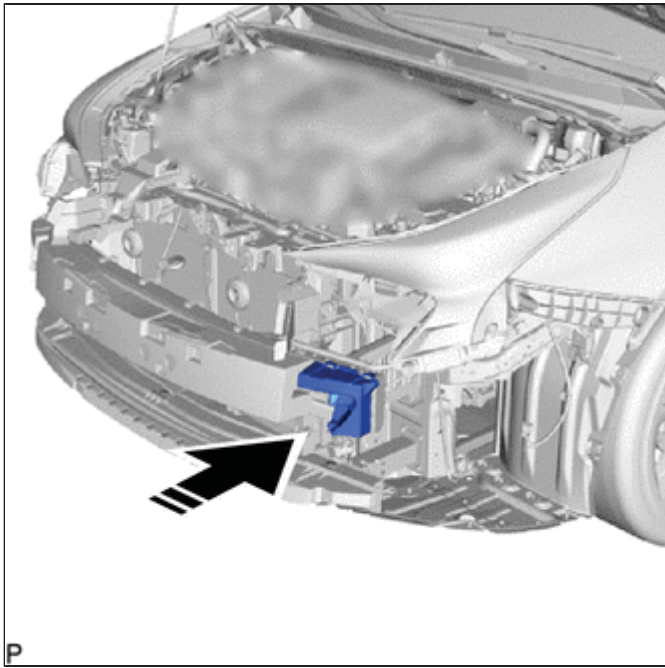


Install in this Direction

## 10. INSTALL FRONT ENERGY ABSORBER MOUNTING REINFORCEMENT LH

(a) Install the front energy absorber mounting reinforcement LH as shown in the illustration.





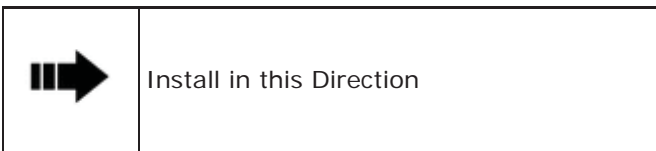
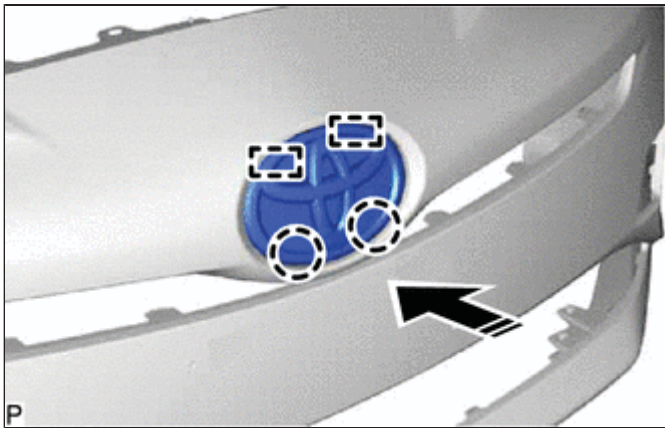
## 11. INSTALL FRONT ENERGY ABSORBER MOUNTING REINFORCEMENT RH

### HINT:

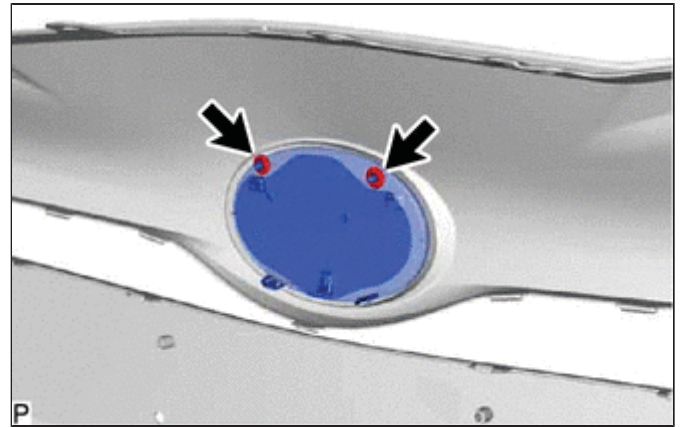
Use the same procedure for the LH side.

## 12. INSTALL RADIATOR GRILLE EMBLEM ASSEMBLY

(a) Engage the 2 guides and 2 claws as shown in the illustration.

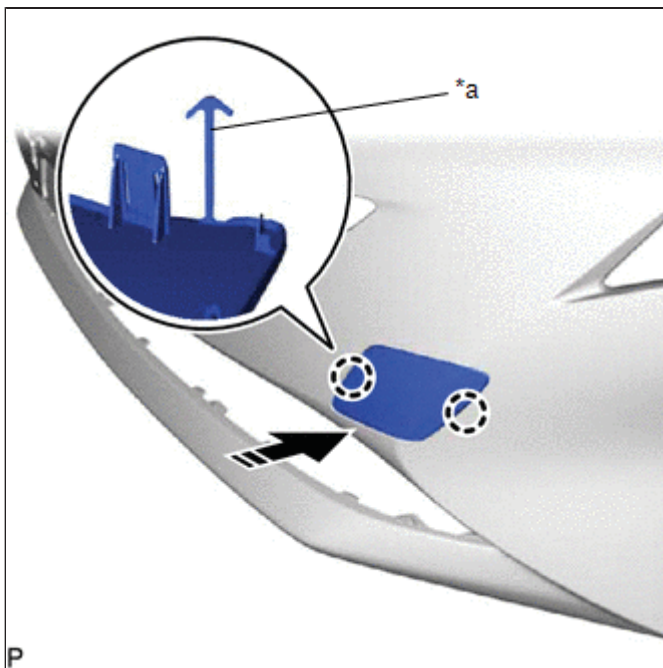



(b) Install the radiator grille emblem assembly with 2 new spring nuts.



### 13. INSTALL FRONT BUMPER HOLE COVER LH

(a) Engage the hook.



*a	Hook
	Install in this Direction

(b) Engage the 2 claws as shown in the illustration to install the front bumper hole cover LH.

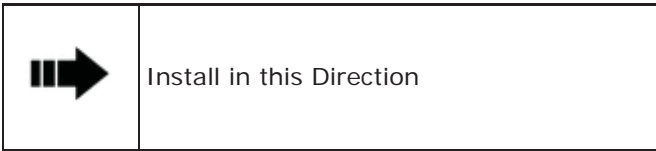
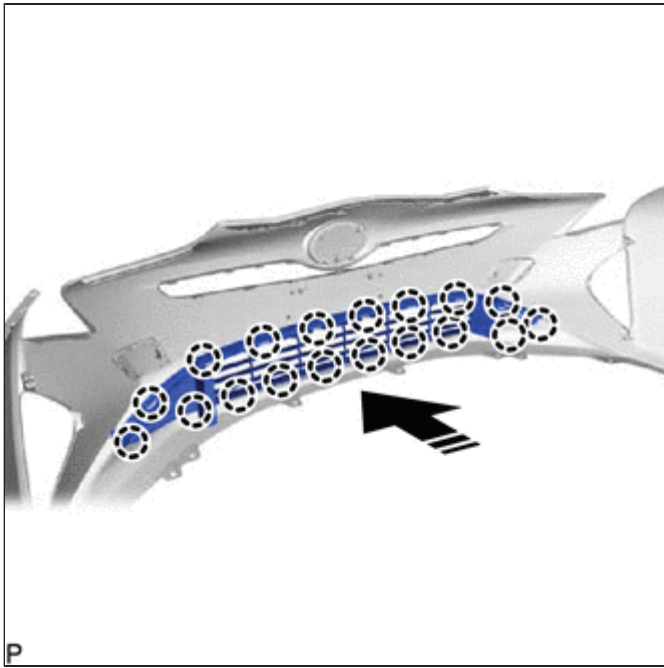
### 14. INSTALL FRONT BUMPER HOLE COVER RH

**HINT:**

Use the same procedure for the LH side.

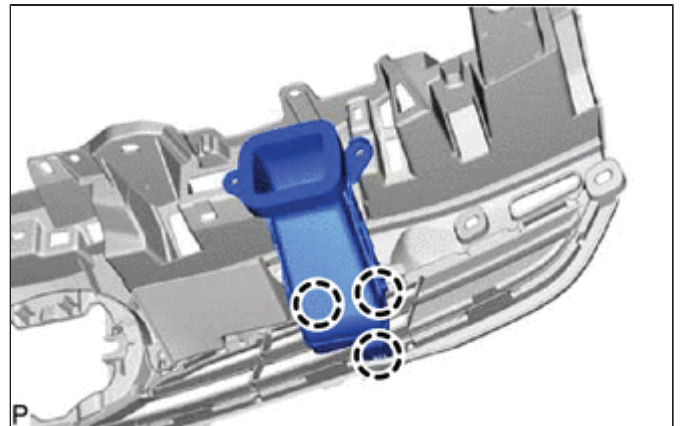
### 15. INSTALL LOWER NO. 1 RADIATOR GRILLE

(a) Engage the 18 claws as shown in the illustration to install the lower No. 1 radiator grille.

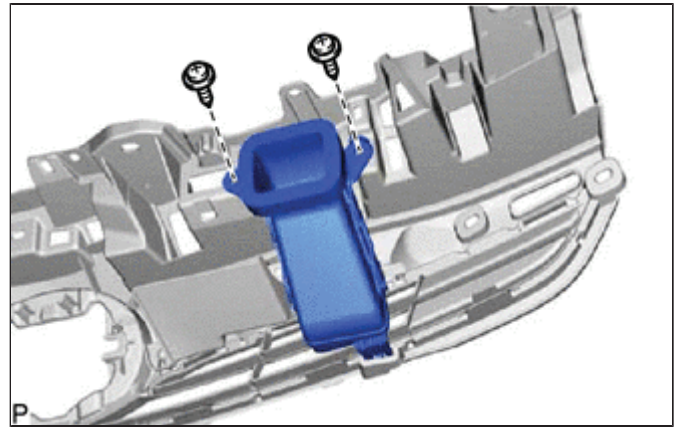


## 16. INSTALL NO. 3 AIR CLEANER INLET

(a) Engage the 3 claws.

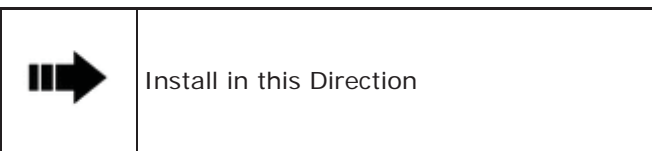
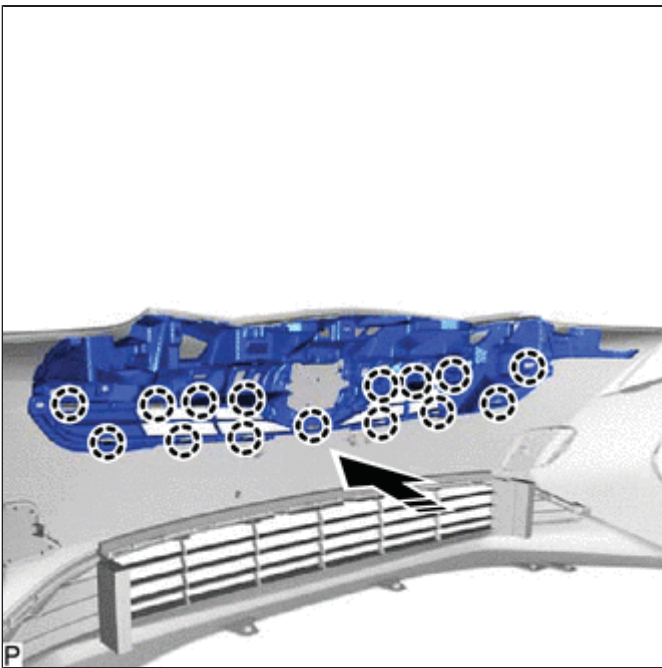


(b) Install the No. 3 air cleaner inlet with the 2 screws.

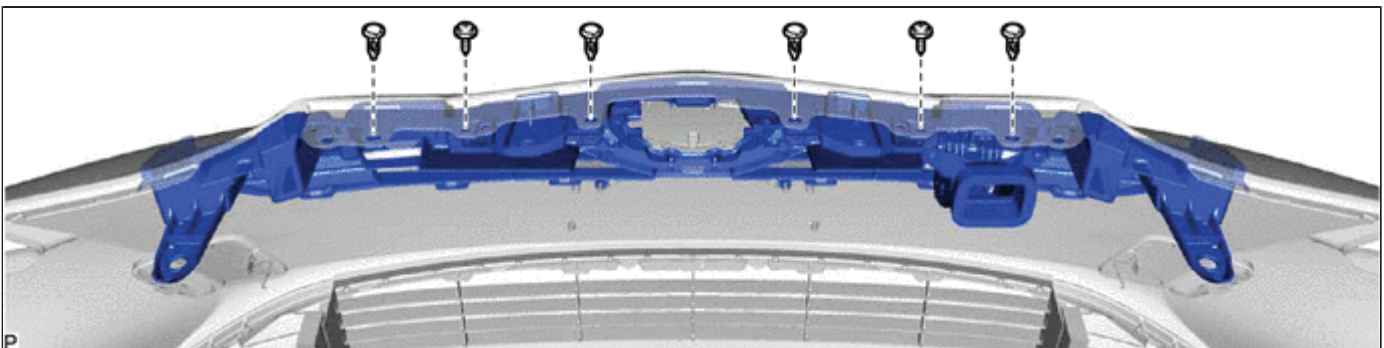


## 17. INSTALL RADIATOR GRILLE SUB-ASSEMBLY

(a) Engage the 15 claws as shown in the illustration.



(b) Install the radiator grille sub-assembly with the 2 screws and 4 clips.



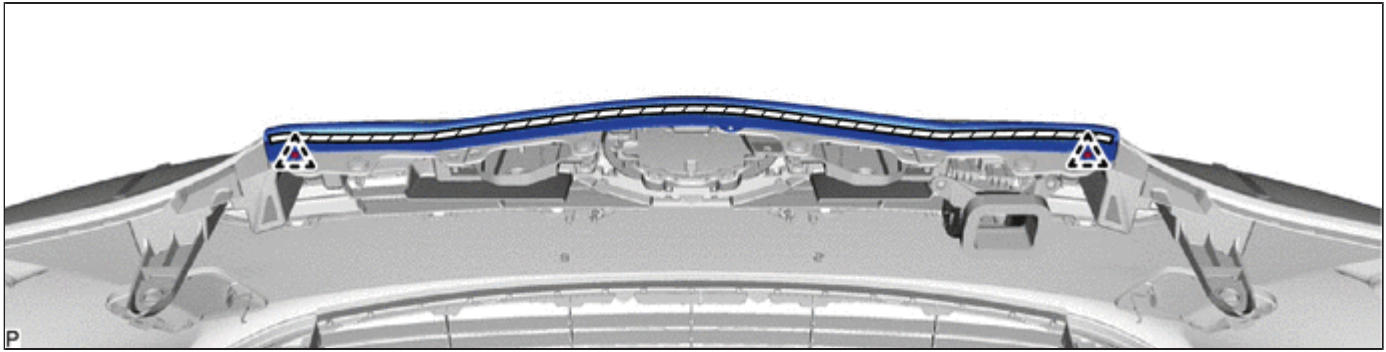
## 18. INSTALL HOOD TO FRONT END PANEL SEAL

(a) Remove the release paper from a new hood to front end panel seal.

**HINT:**

After removing the release paper, keep the exposed adhesive free from foreign matter.

(b) Engage the 2 clips and attach the double-sided tape to install the hood to front end panel seal.



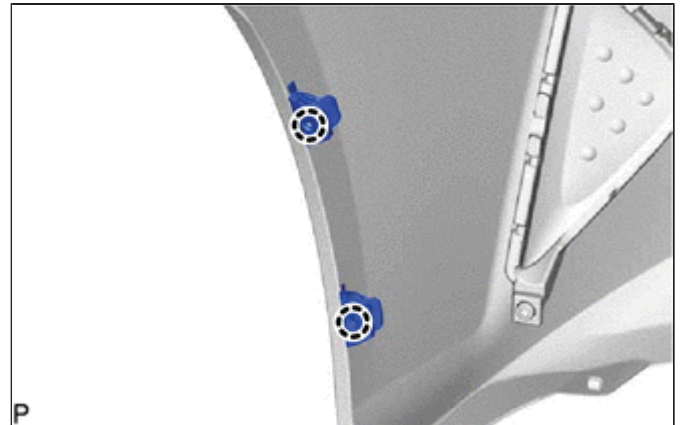
	Double-sided Tape	-	-
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**19. INSTALL FRONT FENDER LINER RETAINER**

(a) Engage the 2 claws to install the 2 front fender liner retainers.

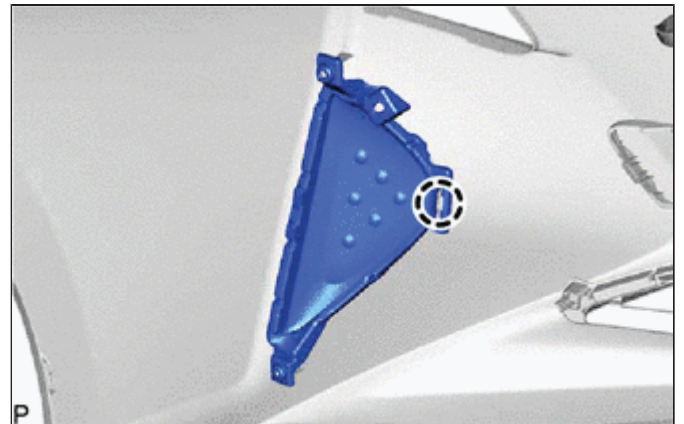
**HINT:**

Use the same procedure for the RH side and LH side.

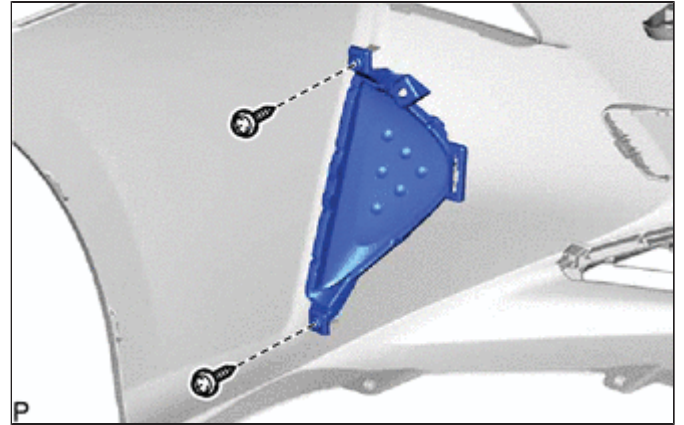


**20. INSTALL FRONT BUMPER EXTENSION LH**

(a) Engage the claw.



(b) Install the front bumper extension LH with the 2 screws.



## 21. INSTALL FRONT BUMPER EXTENSION RH

### HINT:

Use the same procedure for the LH side.

## 22. INSTALL FOG LIGHT ASSEMBLY LH (w/ Fog Light)

Click here [INFO](#)

## 23. INSTALL FOG LIGHT ASSEMBLY RH (w/ Fog Light)

### HINT:

Use the same procedure for the LH side.

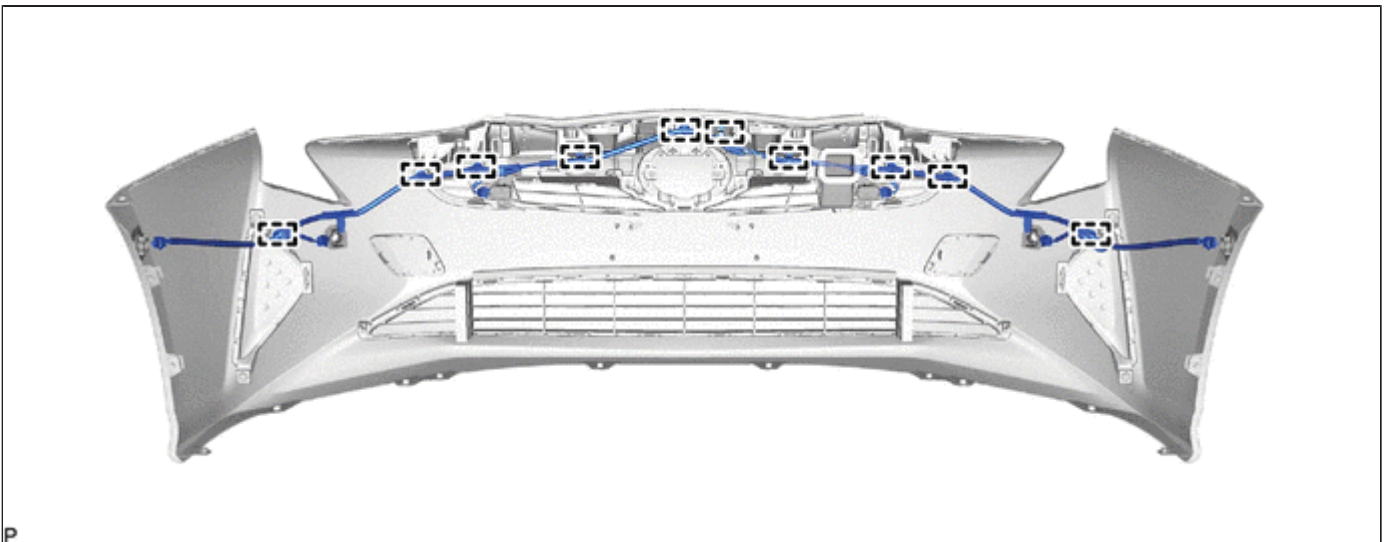
## 24. INSTALL MILLIMETER WAVE RADAR SENSOR ASSEMBLY (w/ Toyota Safety Sense P)

Click here [INFO](#)

## 25. INSTALL NO. 3 ENGINE ROOM WIRE (w/ Intuitive Parking Assist System)

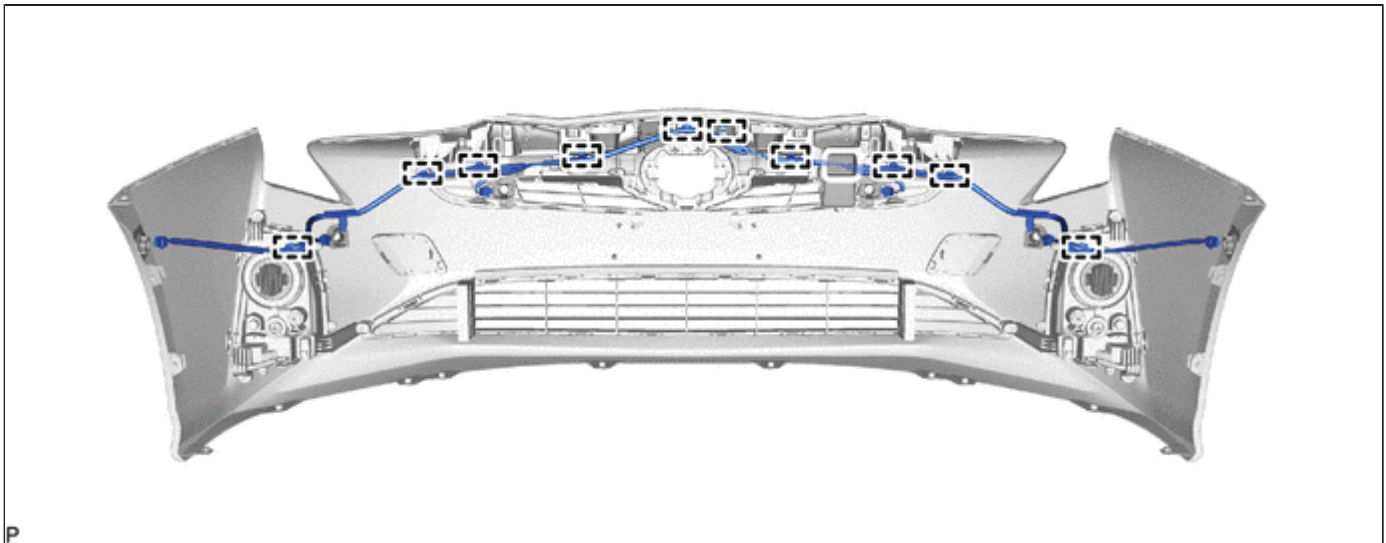
(a) w/o Fog Light:

(1) Engage the 10 clamps to install the No. 3 engine room wire.



(b) w/ Fog Light:

(1) Engage the 10 clamps to install the No. 3 engine room wire.



**26. INSTALL FRONT CORNER ULTRASONIC SENSOR RETAINER (w/ Intuitive Parking Assist System)**

Click here [INFO](#)

**27. INSTALL FRONT SIDE ULTRASONIC SENSOR RETAINER (w/ Intuitive Parking Assist System)**

Click here [INFO](#)

**28. INSTALL FRONT CENTER ULTRASONIC SENSOR (w/ Intuitive Parking Assist System)**

Click here [INFO](#)

**29. INSTALL FRONT CORNER ULTRASONIC SENSOR (w/ Intuitive Parking Assist System)**

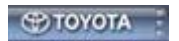
Click here [INFO](#)

**30. INSTALL ULTRASONIC SENSOR CLIP (w/ Intuitive Parking Assist System)**

Click here [INFO](#)

**31. INSTALL FRONT SIDE ULTRASONIC SENSOR (w/ Intuitive Parking Assist System)**

Click here [INFO](#)



<b>Last Modified:</b> 01-14-2019	6.8:8.0.48	<b>Doc ID:</b> RM100000000SOJ8
<b>Model Year Start:</b> 2016	<b>Model:</b> Prius	<b>Prod Date Range:</b> [11/2015 - 12/2018]
<b>Title:</b> EXTERIOR PANELS / TRIM: FRONT BUMPER: REMOVAL; 2016 - 2018 MY Prius [11/2015 - 12/2018]		

## REMOVAL

## CAUTION / NOTICE / HINT

The necessary procedures (adjustment, calibration, initialization, or registration) that must be performed after parts are removed and installed, or replaced during front bumper removal/installation are shown below.

### Necessary Procedure After Parts Removed/Installed/Replaced

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
Front bumper assembly	<ul style="list-style-type: none"> <li>Ultrasonic sensor detection angle (w/ Intuitive Parking Assist System)</li> <li>Ultrasonic sensor detection angle registration (w/ Intuitive Parking Assist System)</li> </ul>	<ul style="list-style-type: none"> <li>Intelligent clearance sonar system</li> <li>Simple advanced parking guidance system</li> </ul>	<a href="#">INFO</a>
	Change grille shutter control mode and/or perform initialization	Grille Shutter system	<a href="#">INFO</a>

#### HINT:

When the front bumper is damaged or deformed due to an accident or contact with other objects, etc., or the bumper installation area on the body is repaired, it is necessary to perform millimeter wave radar sensor adjustment.

Click here [INFO](#)

## PROCEDURE

### 1. PRECAUTION

(a) Change the grille shutter control mode to maintenance mode.

Click here [INFO](#)

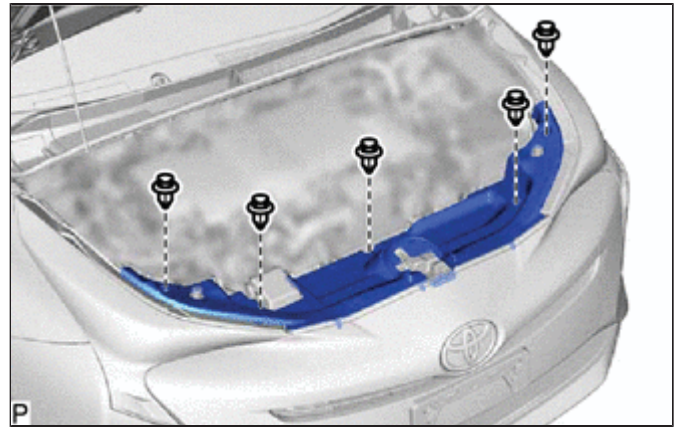
#### NOTICE:

Make sure to change the grille shutter control mode to maintenance mode to prevent the grill shutter from opening or closing when the power switch is off.

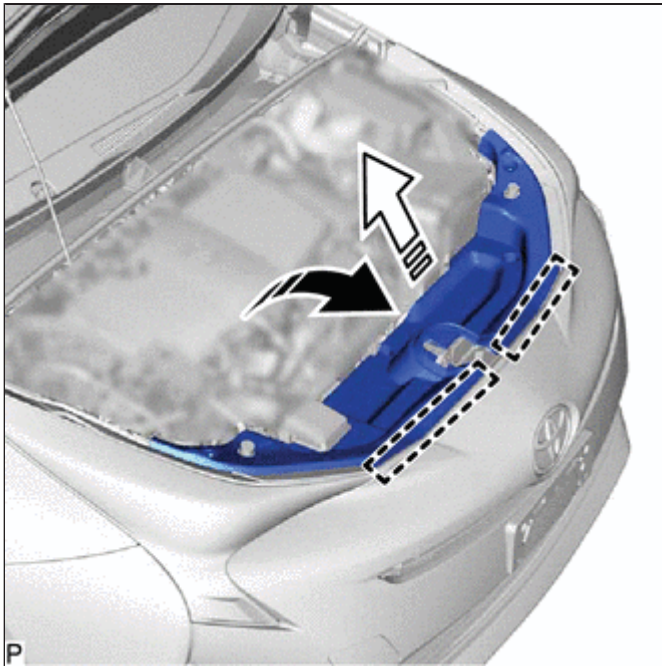
### 2. REMOVE RADIATOR SUPPORT OPENING COVER



(a) Remove the 5 clips.





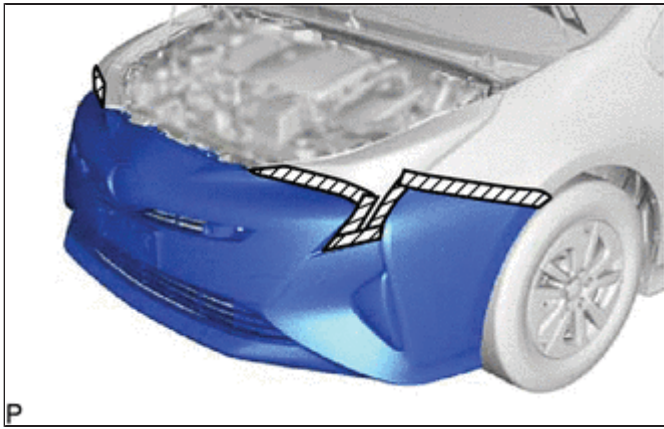
(b) Disengage the 2 guides and remove the radiator support opening cover as shown in the illustration.



	Remove in this Direction (1)
	Remove in this Direction (2)

### 3. REMOVE FRONT BUMPER ASSEMBLY

(a) Apply protective tape around the front bumper assembly.

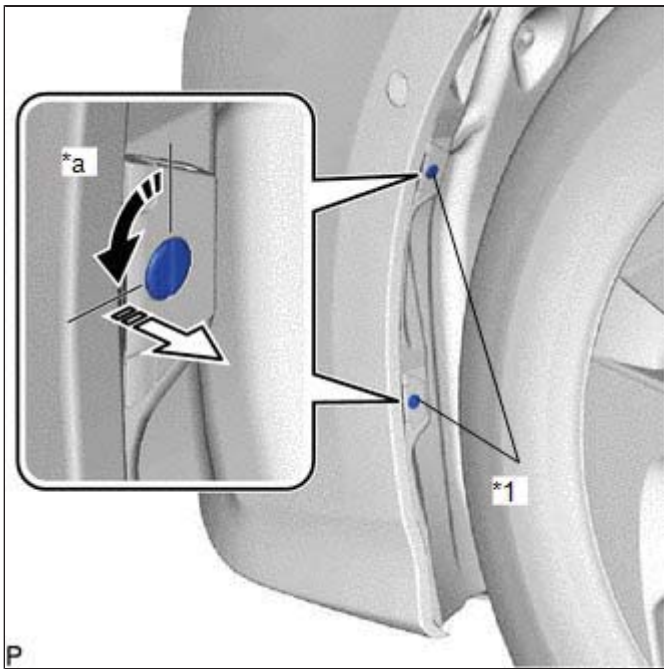


	Protective Tape
--	-----------------

**HINT:**

Use the same procedure for the RH side and LH side.

(b) Using a screwdriver, turn the pin 90 degrees and remove the 2 pin hold clips.



*1	Pin Hold Clip
*a	90 deg
	Remove in this Direction (1)
	Remove in this Direction (2)

**HINT:**

Use the same procedure for the RH side and LH side.

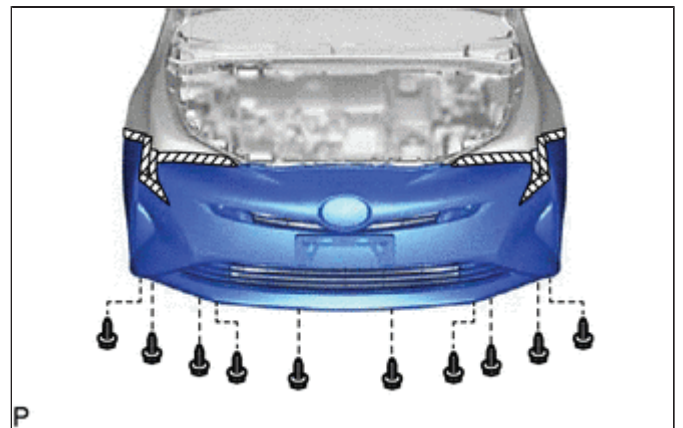
(c) Remove the screw.

**HINT:**

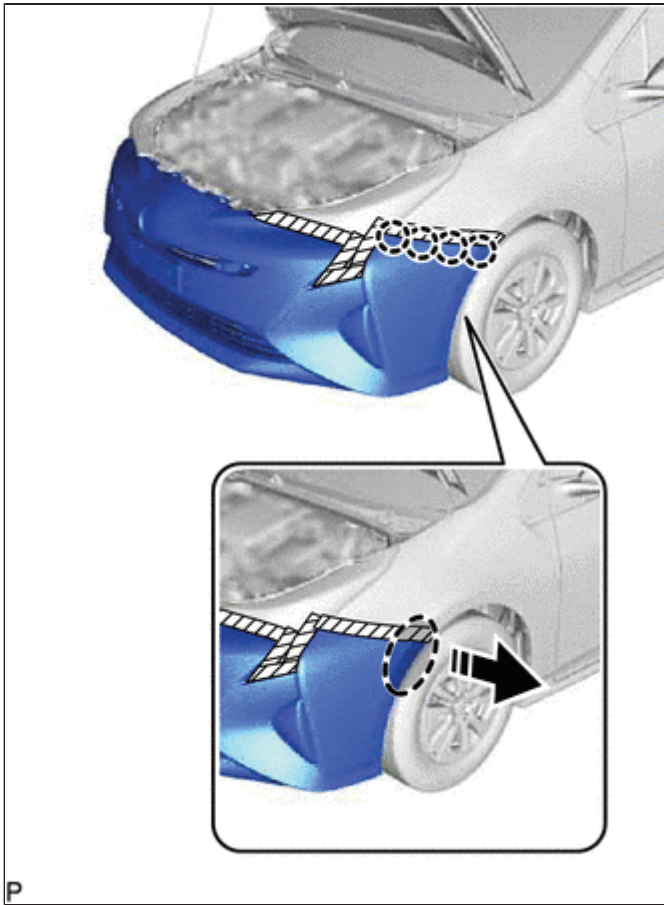
Use the same procedure for the RH side and LH side.





(d) Remove the 10 screws.



(e) Disengage the 4 claws as shown in the illustration.



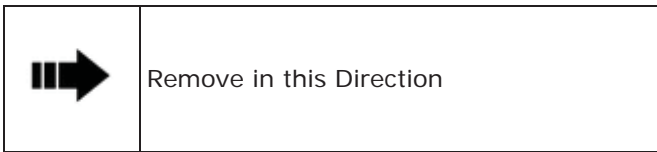
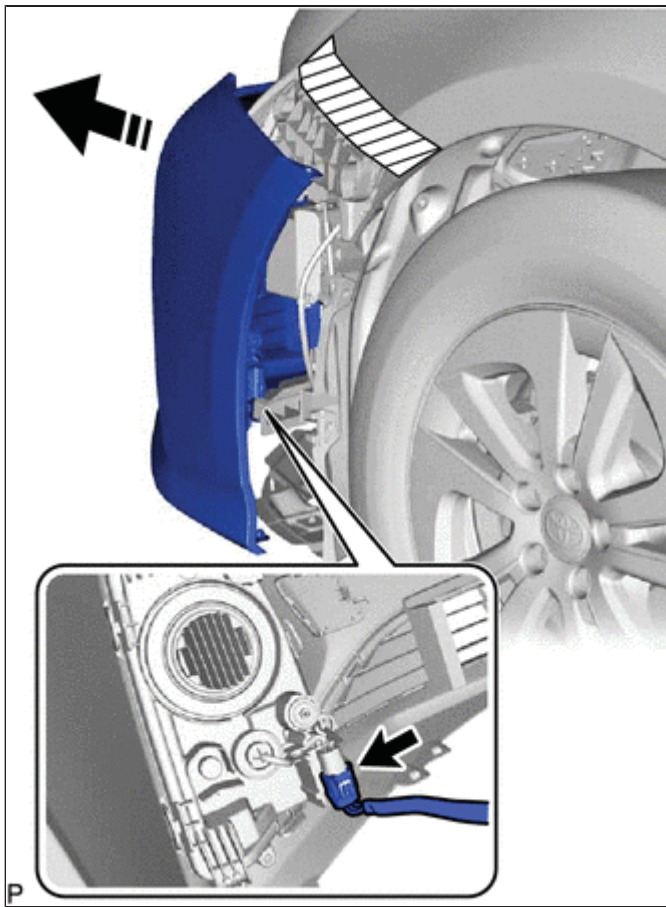
	Place Hand Here
	Remove in this Direction

**HINT:**

Use the same procedure for the RH side and LH side.

(f) w/ Fog Light:

- (1) Pull back the side of the front bumper assembly and disconnect the connector.



**NOTICE:**

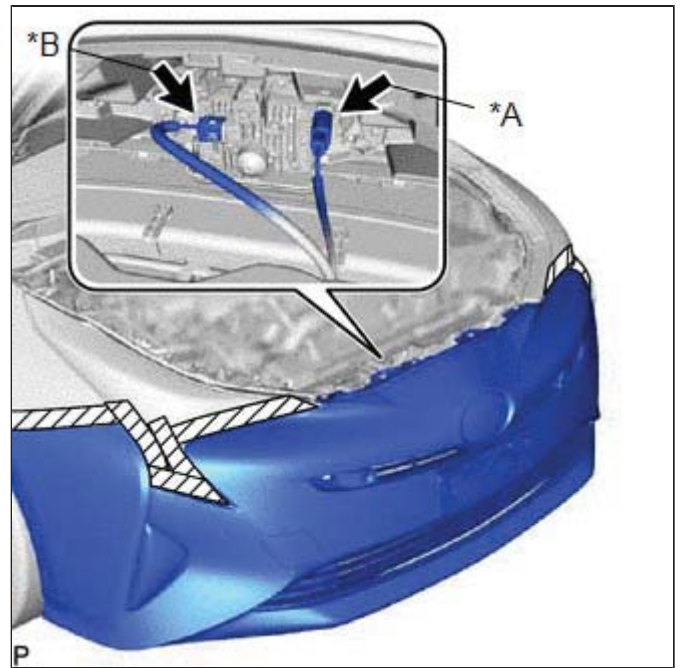
Do not apply excessive force when pulling back the front bumper assembly.

**HINT:**

Use the same procedure for the RH side and LH side.

(g) w/ Intuitive Parking Assist System:

- (1) Disconnect the connector.



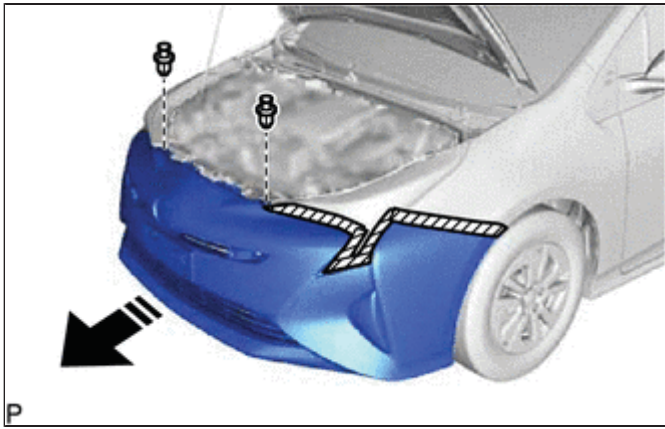
*A	w/ Intuitive Parking Assist System
*B	w/ Toyota Safety Sense P


- (h) w/ Toyota Safety Sense P:  
 (1) Disconnect the connector.



- (i) Remove the 4 bolts.

- (j) Remove the 2 clips and front bumper assembly as shown in the illustration.



	Remove in this Direction
--	--------------------------

