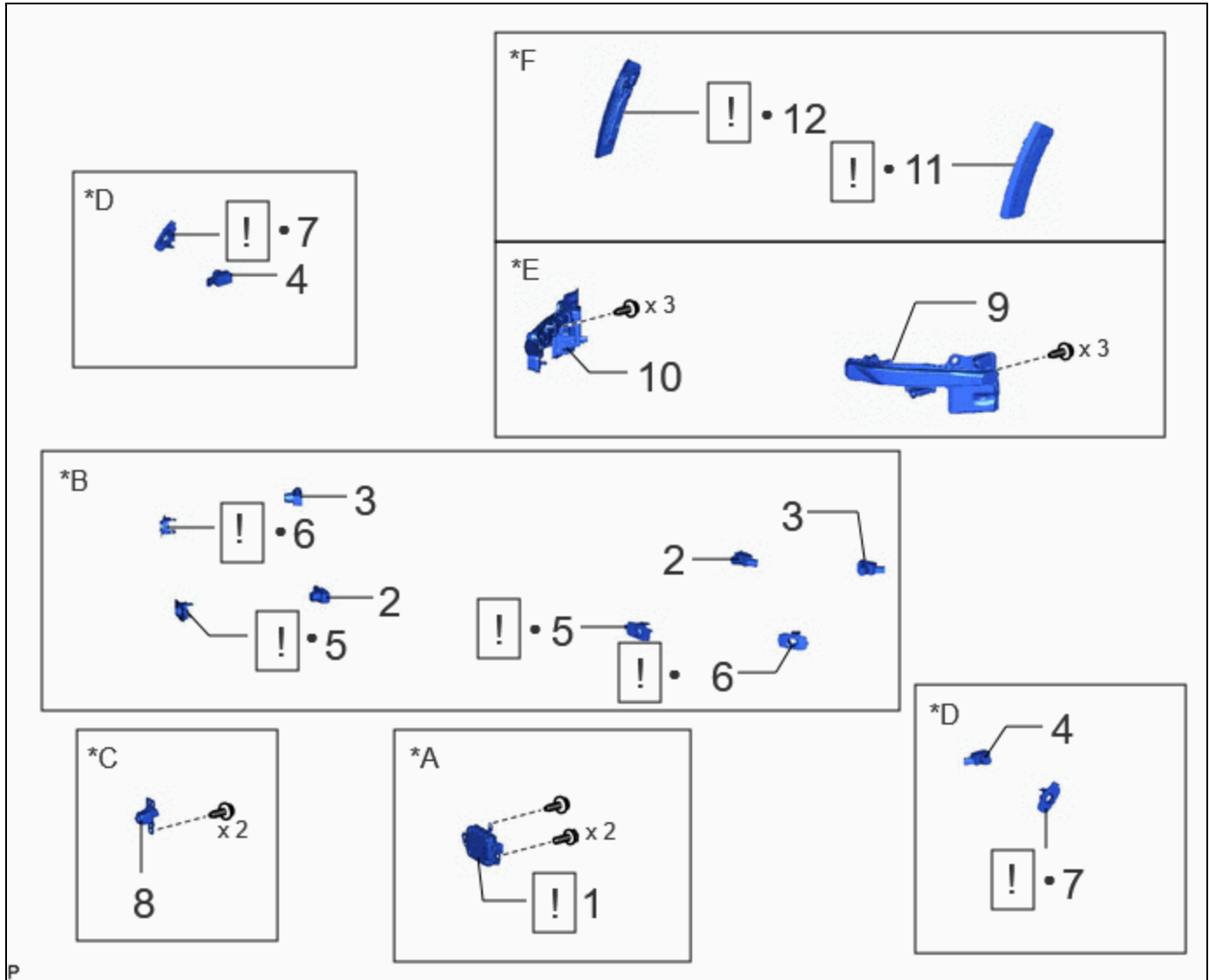


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM1000000029LCR
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: EXTERIOR PANELS / TRIM: FRONT BUMPER: DISASSEMBLY; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		




DISASSEMBLY

CAUTION / NOTICE / HINT

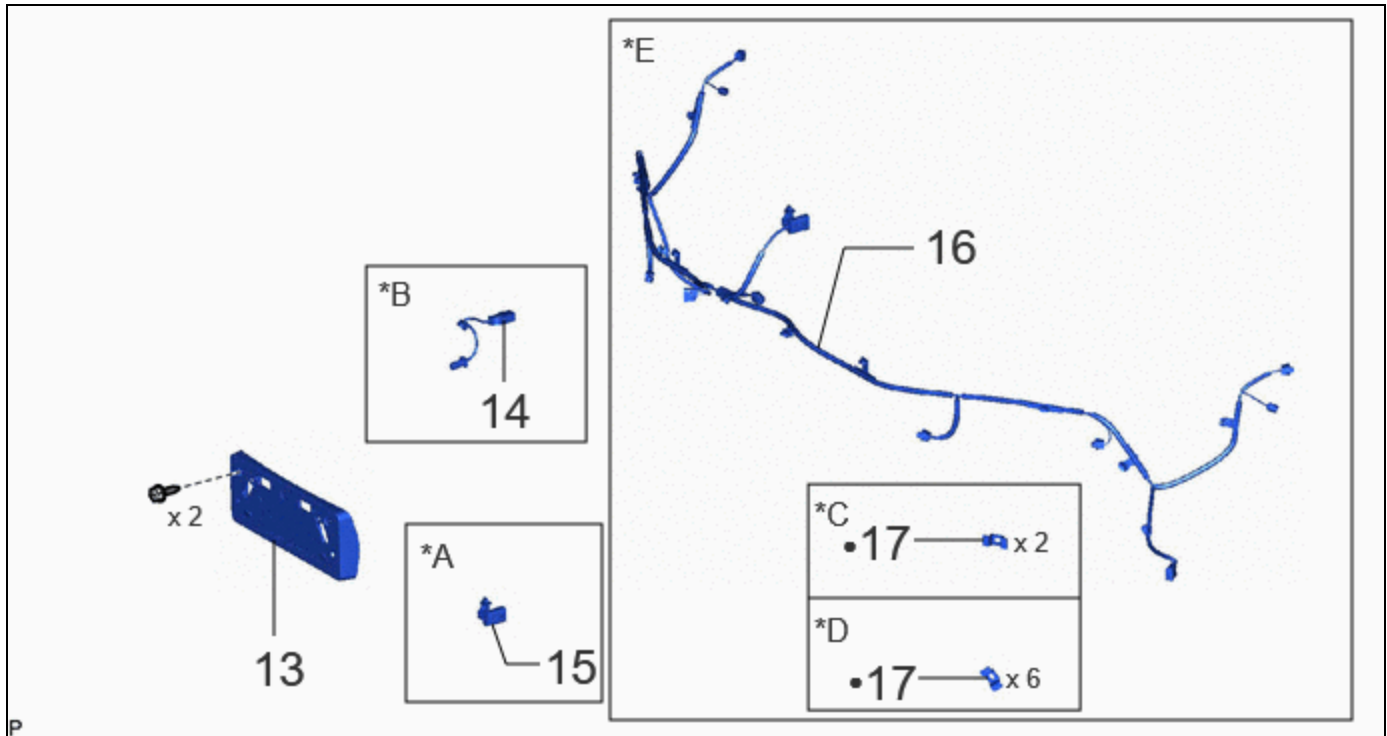
COMPONENTS (DISASSEMBLY)






PROCEDURE		PART NAME CODE			
1	MILLIMETER WAVE RADAR SENSOR ASSEMBLY	88211B	INFO	-	-
2	FRONT CENTER ULTRASONIC SENSOR	89341L	-	-	-

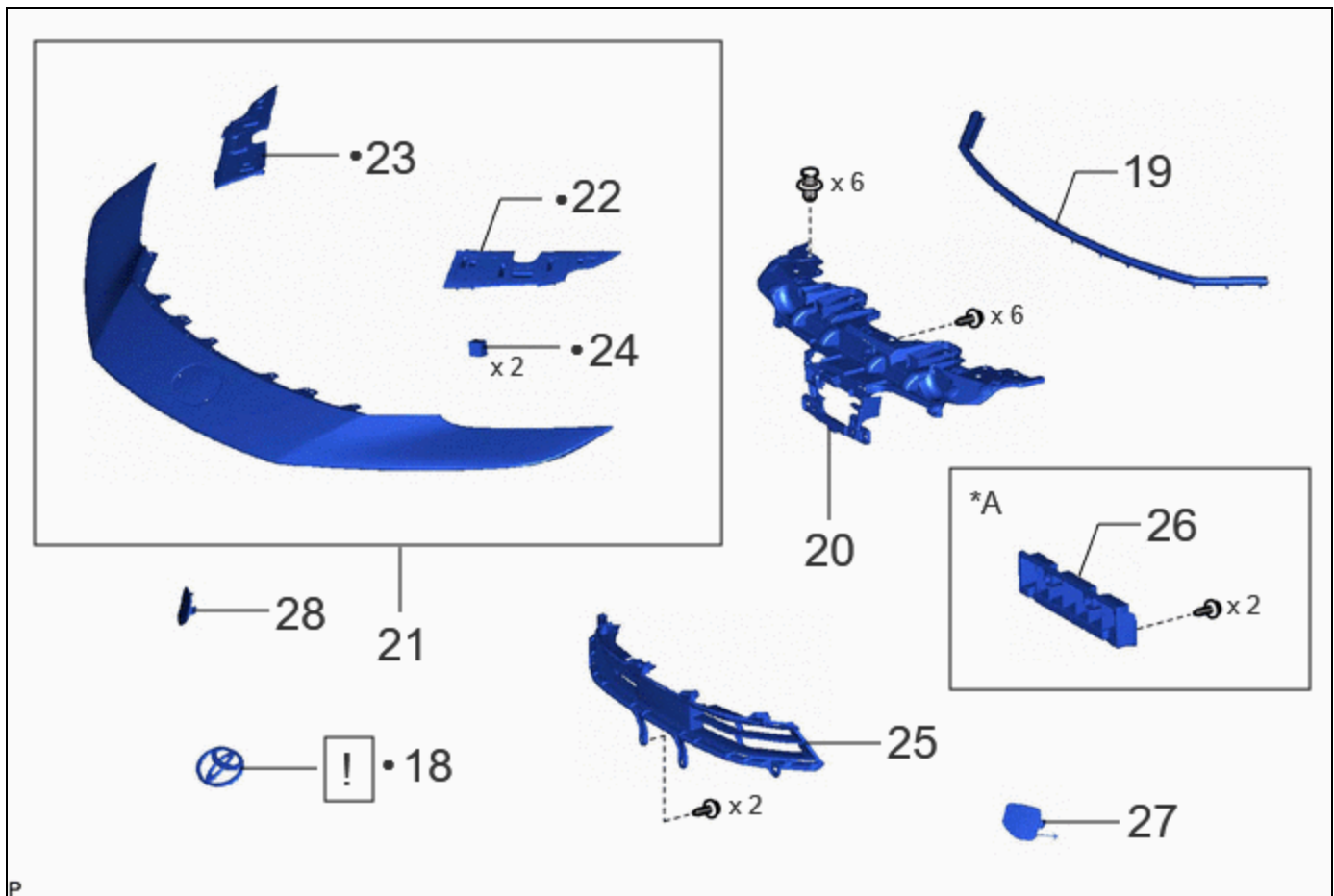
PROCEDURE		PART NAME CODE			
3	FRONT CORNER ULTRASONIC SENSOR	89341K	-	-	-
4	FRONT SIDE ULTRASONIC SENSOR	89341M	-	-	-
5	FRONT CENTER ULTRASONIC SENSOR RETAINER	89C48E	INFO	-	-
6	FRONT CORNER ULTRASONIC SENSOR RETAINER	89C48D	INFO	-	-
7	FRONT SIDE ULTRASONIC SENSOR RETAINER	89C48F	INFO	-	-
8	FRONT TELEVISION CAMERA ASSEMBLY	86790B	-	-	-
9	LED ILLUMINATION LIGHT LH	8122A	-	-	-
10	LED ILLUMINATION LIGHT RH	8121A	-	-	-
11	FRONT MARKER LIGHT ASSEMBLY LH	81720	INFO	-	-
12	FRONT MARKER LIGHT ASSEMBLY RH	81710	INFO	-	-




*A	w/ Pre-collision System	*B	w/ Parking Support Brake System
*C	w/ Panoramic View Monitor System	*D	w/ Advanced Park
*E	w/ LED Illumination Light	*F	w/ Side Marker Light
•	Non-reusable part	-	-






PROCEDURE		PART NAME CODE			
13	FRONT BUMPER EXTENSION MOUNTING BRACKET	52114A	-	-	-
14	PARKING ASSIST WIRE	86797B	-	-	-
15	CONNECTOR COVER	82821A	-	-	-
16	NO. 3 ENGINE ROOM WIRE	82113	-	-	-
17	FRONT ULTRASONIC SENSOR CLIP	89348X	-	-	-

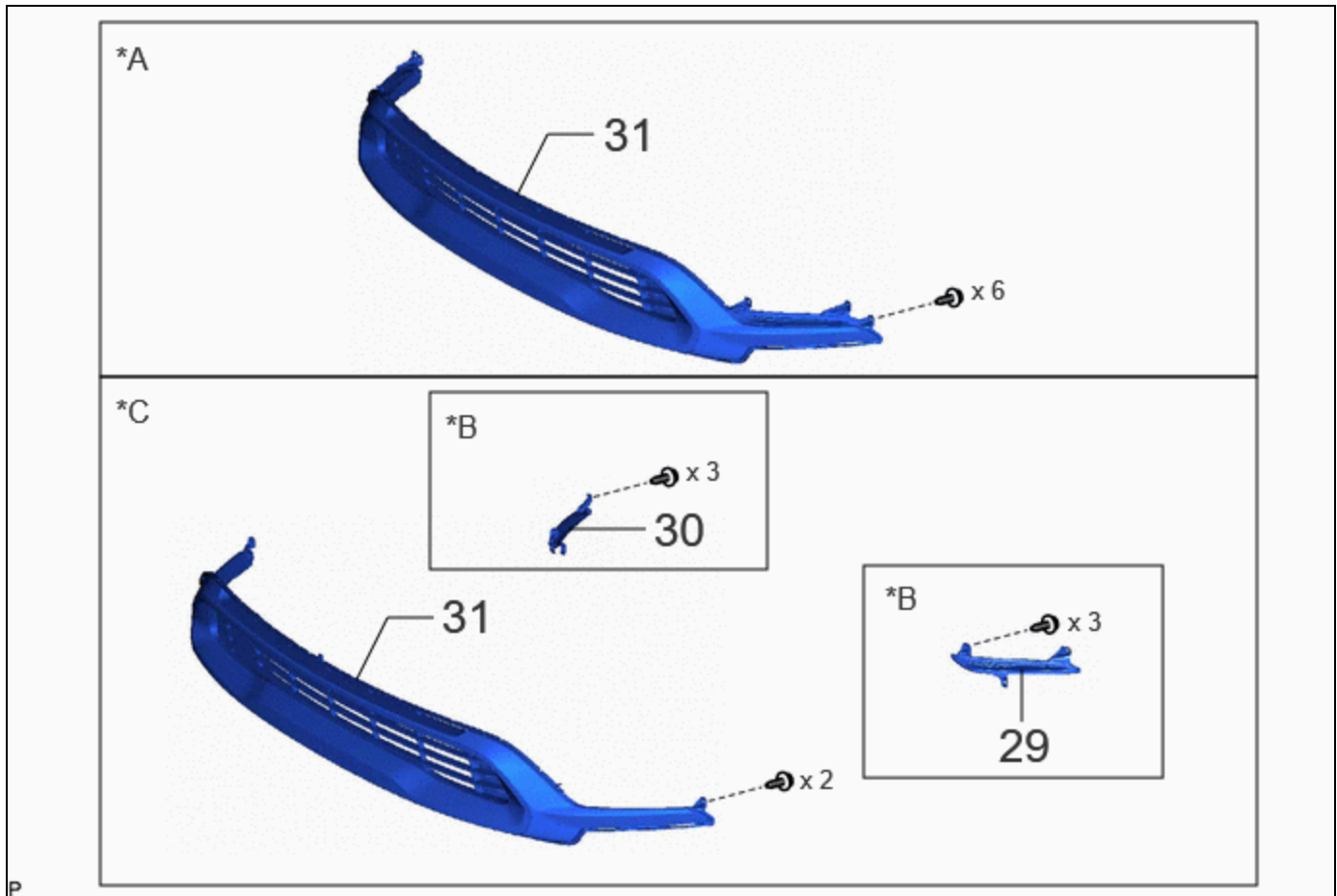
*A	w/ Connector Cover	*B	w/ Panoramic View Monitor System
*C	w/o Side Marker Light	*D	w/ Side Marker Light
*E	w/ Wire Harness	-	-
•	Non-reusable part	-	-






PROCEDURE		PART NAME CODE			
18	RADIATOR GRILLE (OR FRONT PANEL) EMBLEM	75311	INFO	-	-
19	HOOD TO FRONT END PANEL SEAL	53395E	-	-	-

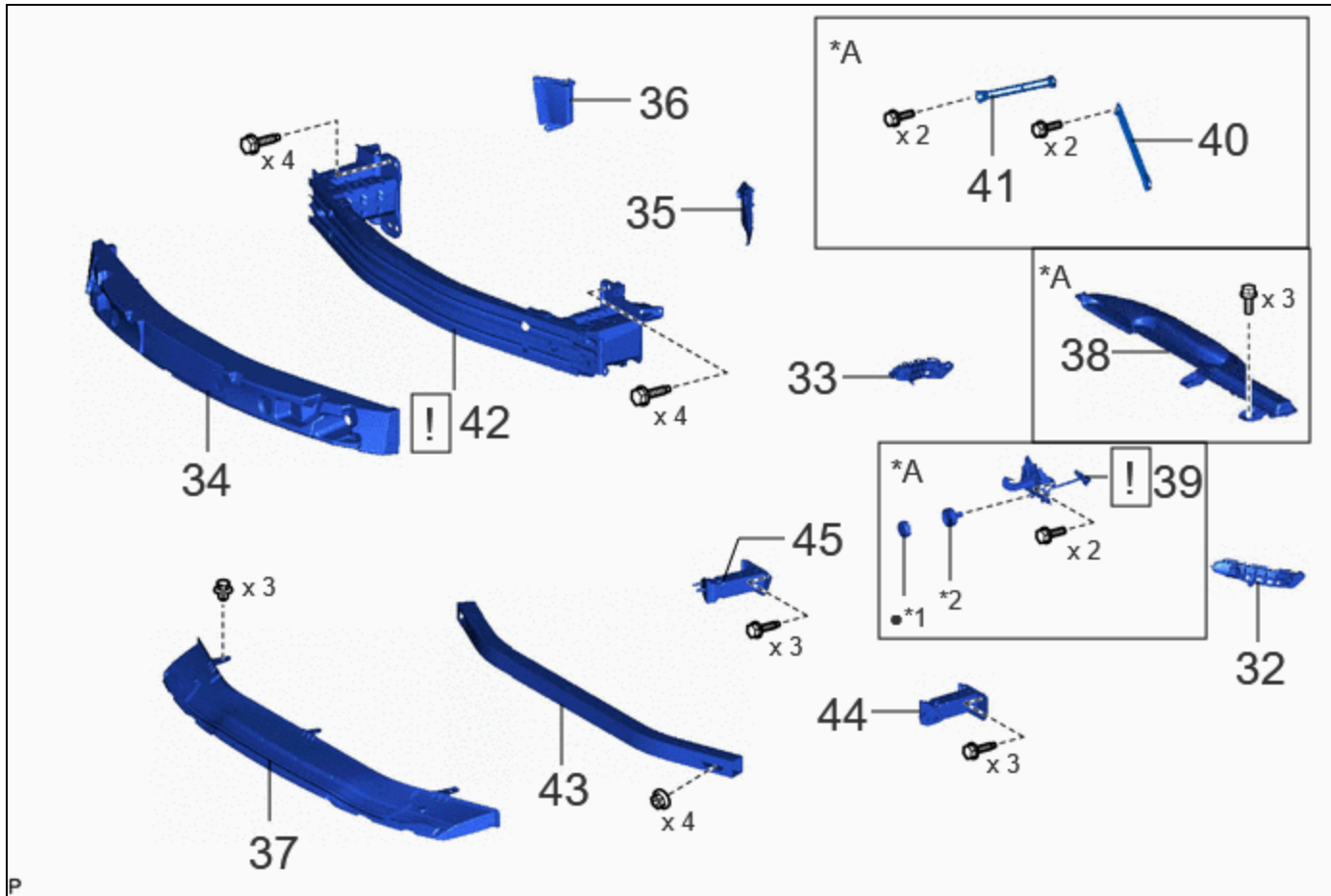
PROCEDURE		PART NAME CODE			
20	RADIATOR INNER GRILLE	53114A	-	-	-
21	FRONT BUMPER BAR	52111E	-	-	-
22	FRONT BUMPER END RETAINER LH	52538	-	-	-
23	FRONT BUMPER END RETAINER RH	52537	-	-	-
24	FRONT BUMPER PAD	52421A	-	-	-
25	RADIATOR GRILLE GARNISH	53141H	-	-	-
26	FRONT BUMPER MOUNTING BRACKET	52147B	-	-	-
27	FRONT BUMPER HOLE COVER LH	52128C	-	-	-
28	FRONT BUMPER HOLE COVER RH	52127D	-	-	-




*A	w/ Front bumper mounting bracket	-	-
•	Non-reusable part	-	-






PROCEDURE		PART NAME CODE			
29	FOG LIGHT COVER LH	81482C	-	-	-
30	FOG LIGHT COVER RH	81481E	-	-	-
31	NO. 1 LOWER RADIATOR GRILLE	53112E	-	-	-

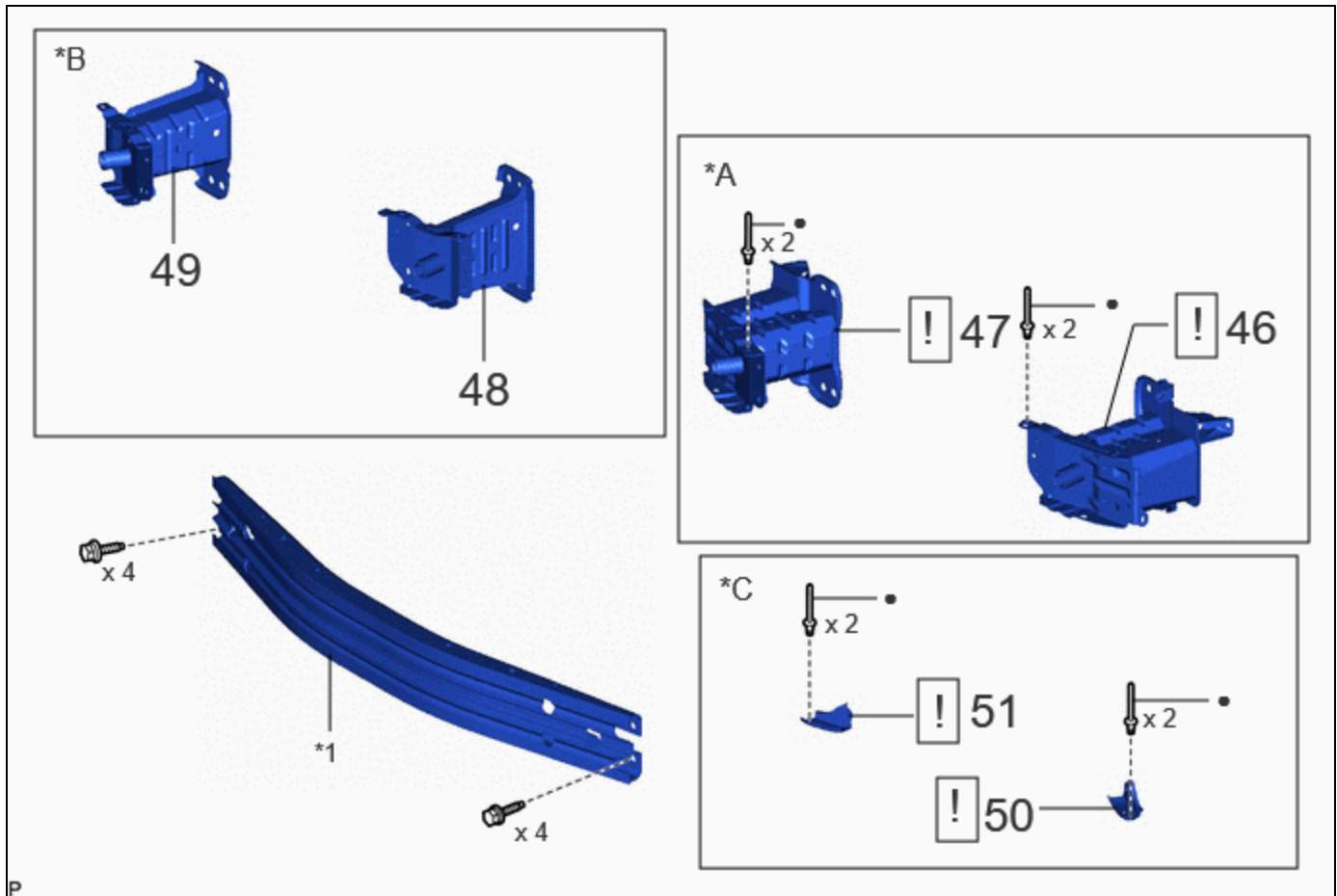
*A	for Integrated Type	*B	w/o LED Illumination Light
*C	for Separate Type	-	-






PROCEDURE		PART NAME CODE			
32	FRONT BUMPER SIDE SUPPORT LH	52116A	-	-	-
33	FRONT BUMPER SIDE SUPPORT RH	52115A	-	-	-
34	FRONT BUMPER ENERGY ABSORBER	52611	-	-	-
35	FRONT RADIATOR SIDE AIR GUIDE PLATE LH	16695A	-	-	-
36	FRONT RADIATOR SIDE AIR GUIDE PLATE RH	16691A	-	-	-
37	FRONT BUMPER LOWER ABSORBER	52618	-	-	-

PROCEDURE		PART NAME CODE			
38	INLET NO. 1 AIR CLEANER	17751	-	-	-
39	HOOD LOCK ASSEMBLY	53510	INFO	-	-
40	UPPER RADIATOR MOUNTING BRACKET LH	53254A	-	-	-
41	UPPER RADIATOR MOUNTING BRACKET RH	53253D	-	-	-
42	FRONT BUMPER REINFORCEMENT	-	INFO	-	-
43	NO. 2 FRONT BUMPER REINFORCEMENT	52132A	-	-	-
44	FRONT BUMPER EXTENSION SUB-ASSEMBLY LH	52103A	-	-	-
45	FRONT BUMPER EXTENSION SUB-ASSEMBLY RH	52102B	-	-	-

*A	w/ Bracket	-	-
*1	HOOD LOCK NUT CAP	*2	HOOD LOCK BOLT
•	Non-reusable part	-	-




PROCEDURE		PART NAME CODE			
46	FRONT SIDE MEMBER BRACKET SUB-ASSEMBLY LH	57014A	INFO	-	-
47	FRONT SIDE MEMBER BRACKET SUB-ASSEMBLY RH	57013C	INFO	-	-
48	FRONT SIDE MEMBER BRACKET SUB-ASSEMBLY LH	57014A	-	-	-
49	FRONT SIDE MEMBER BRACKET SUB-ASSEMBLY RH	57013C	-	-	-
50	NO. 2 FRONT BUMPER SPACER	52422C	INFO	-	-
51	NO. 1 FRONT BUMPER SPACER	52421B	INFO	-	-

*A	for Type A	*B	for Type B
*C	w/ Bracket	-	-
*1	FRONT BUMPER REINFORCEMENT SUB-ASSEMBLY	-	-
•	Non-reusable part	-	-

PROCEDURE

1. REMOVE MILLIMETER WAVE RADAR SENSOR ASSEMBLY (w/ Pre-collision System)

	Click here INFO
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2. REMOVE FRONT CENTER ULTRASONIC SENSOR (w/ Parking Support Brake System)

Click here [INFO](#)


3. REMOVE FRONT CORNER ULTRASONIC SENSOR (w/ Parking Support Brake System)

Click here [INFO](#)

4. REMOVE FRONT SIDE ULTRASONIC SENSOR (w/ Advanced Park)

Click here [INFO](#)

5. REMOVE FRONT CENTER ULTRASONIC SENSOR RETAINER (w/ Parking Support Brake System)

	Click here INFO
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6. REMOVE FRONT CORNER ULTRASONIC SENSOR RETAINER (w/ Parking Support Brake System)



Click here [INFO](#)

7. REMOVE FRONT SIDE ULTRASONIC SENSOR RETAINER (w/ Advanced Park)



Click here [INFO](#)

8. REMOVE FRONT TELEVISION CAMERA ASSEMBLY (w/ Panoramic View Monitor System)

Click here [INFO](#)

9. REMOVE LED ILLUMINATION LIGHT LH (w/ LED Illumination Light)

Click here [INFO](#)

10. REMOVE LED ILLUMINATION LIGHT RH (w/ LED Illumination Light)

(a) Use the same procedure as for the LH side.

11. REMOVE FRONT MARKER LIGHT ASSEMBLY LH (w/ Side Marker Light)

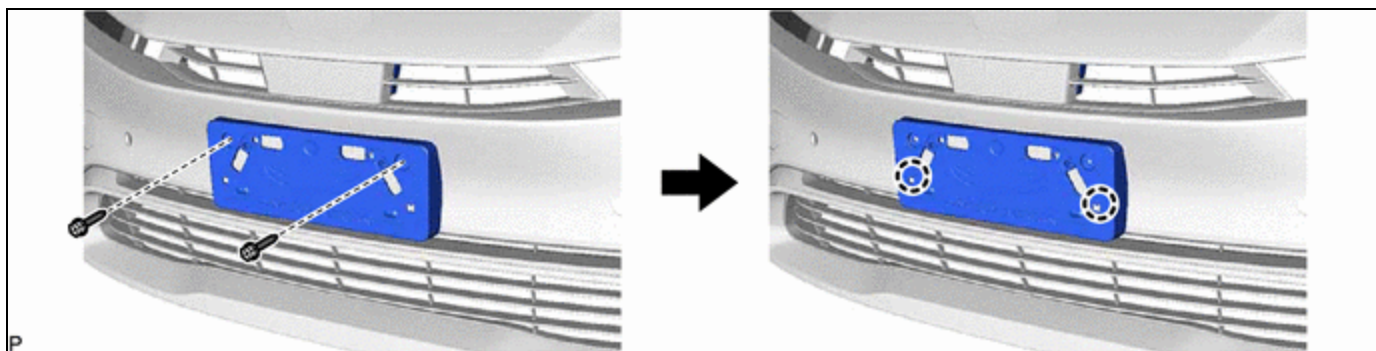


Click here [INFO](#)

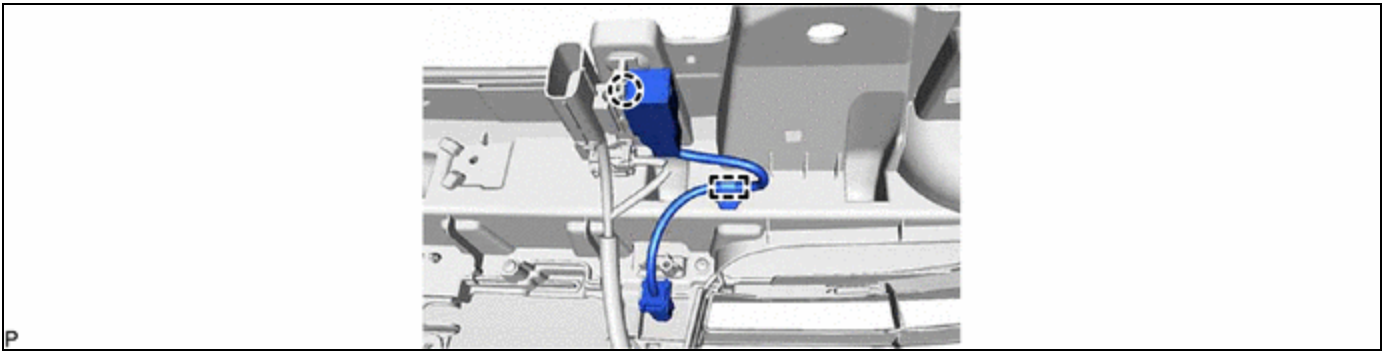
12. REMOVE FRONT MARKER LIGHT ASSEMBLY RH (w/ Side Marker Light)

(a) Use the same procedure as for the LH side.

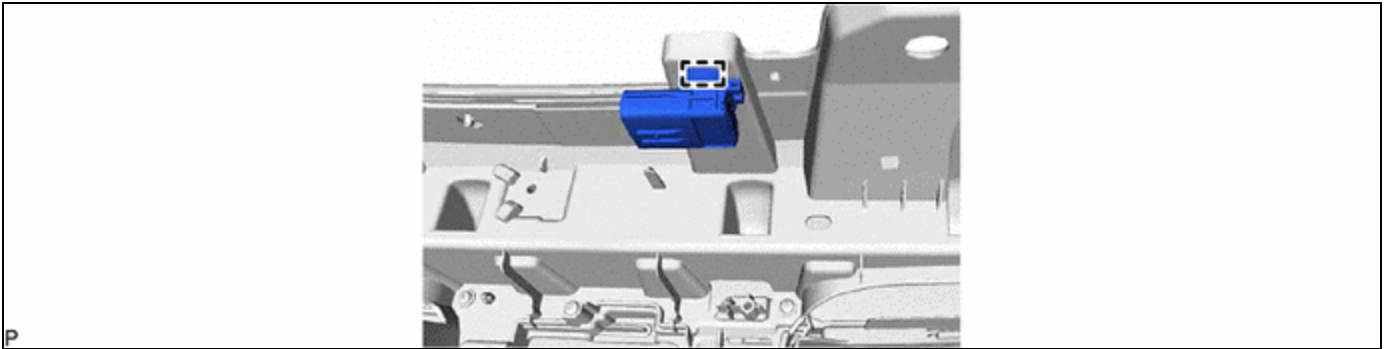
13. REMOVE FRONT BUMPER EXTENSION MOUNTING BRACKET



14. REMOVE PARKING ASSIST WIRE (w/ Panoramic View Monitor System)



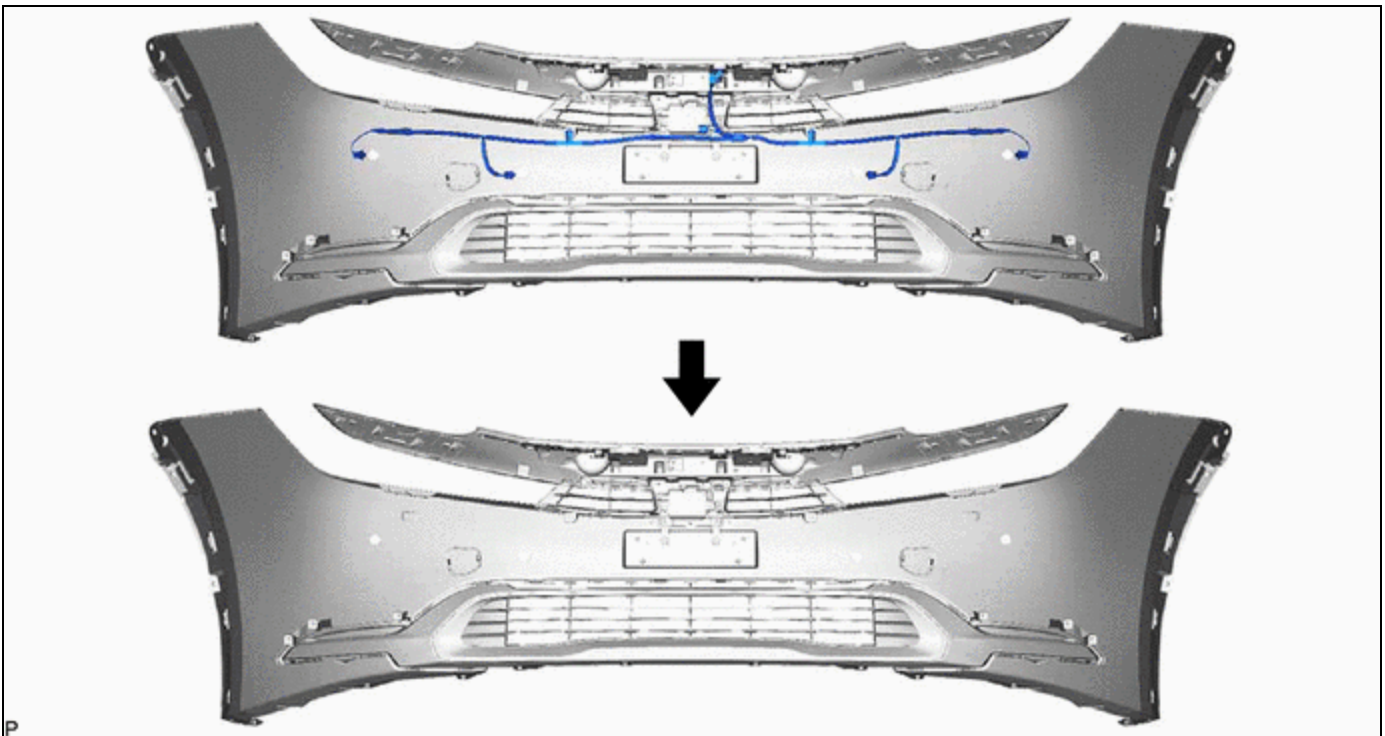
15. REMOVE CONNECTOR COVER (w/ Connector Cover)



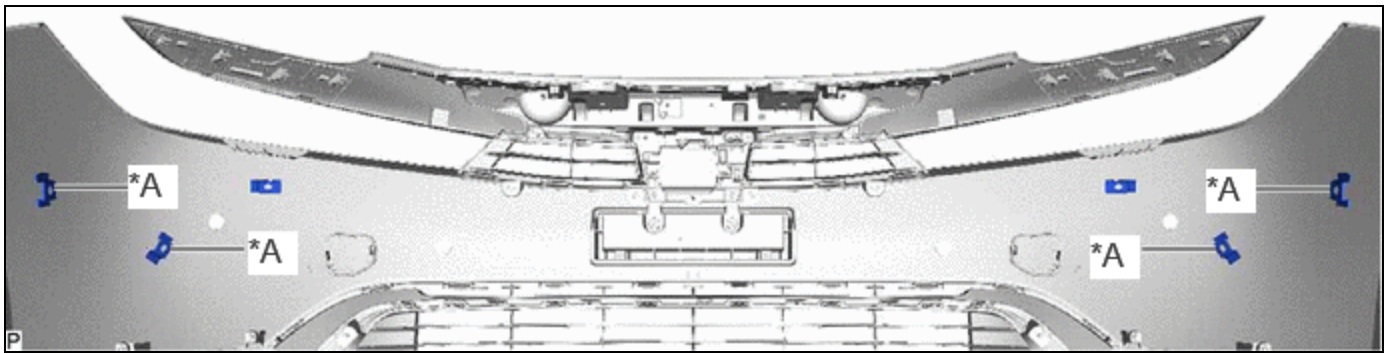
16. REMOVE NO. 3 ENGINE ROOM WIRE (w/ Wire Harness)

HINT:

The illustrations are representative examples, and details may differ.




17. REMOVE FRONT ULTRASONIC SENSOR CLIP (w/ Wire Harness)

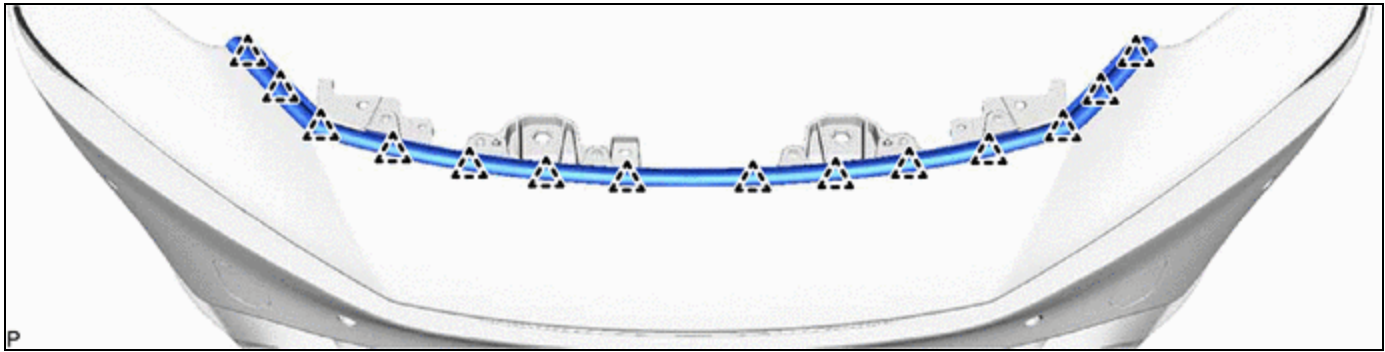


*A	w/ Side Marker Light	-	-
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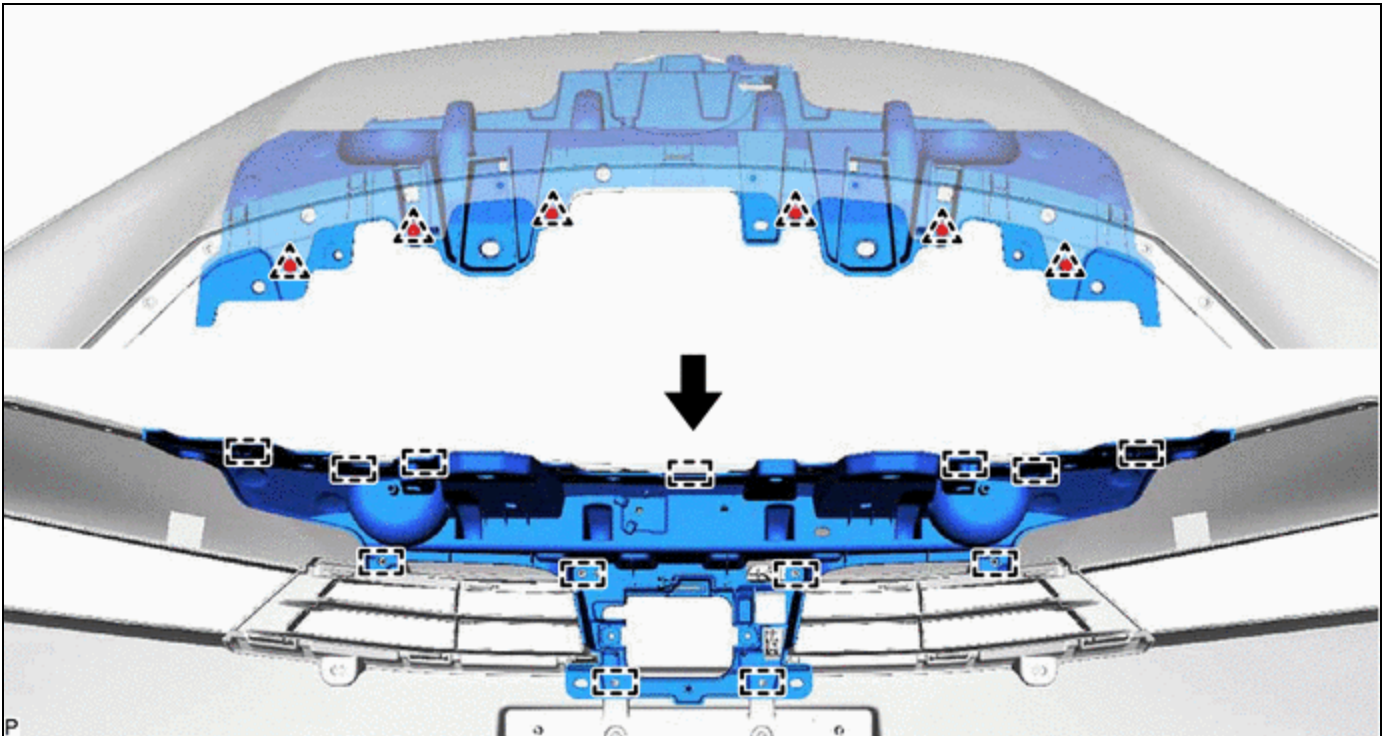
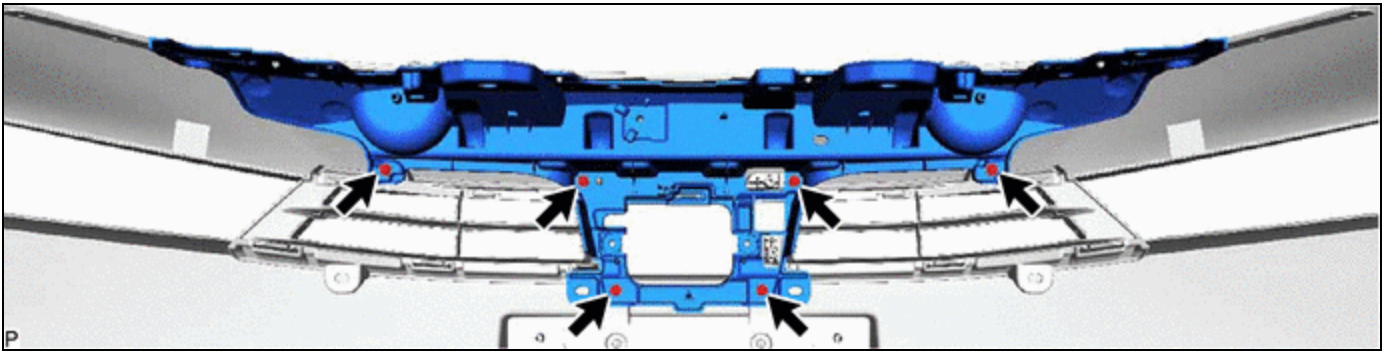
18. REMOVE RADIATOR GRILLE (OR FRONT PANEL) EMBLEM

	Click here INFO
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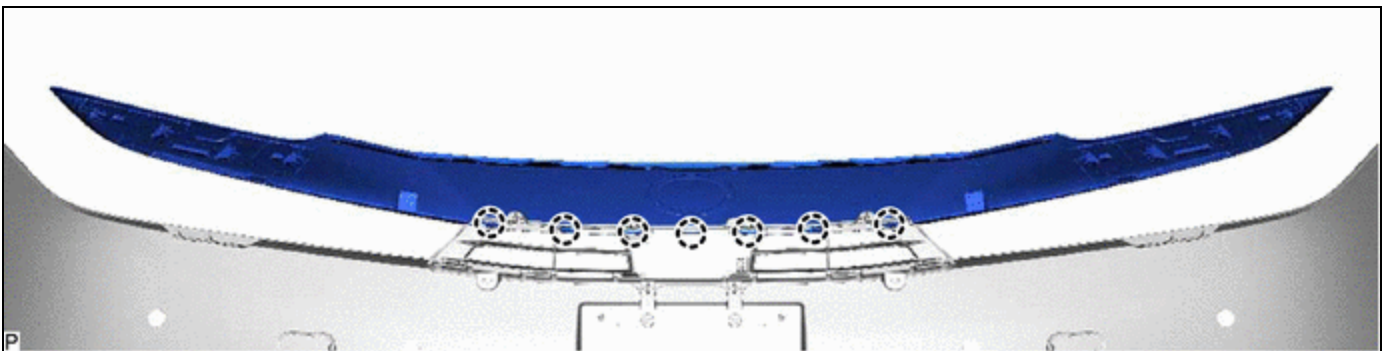
19. REMOVE HOOD TO FRONT END PANEL SEAL



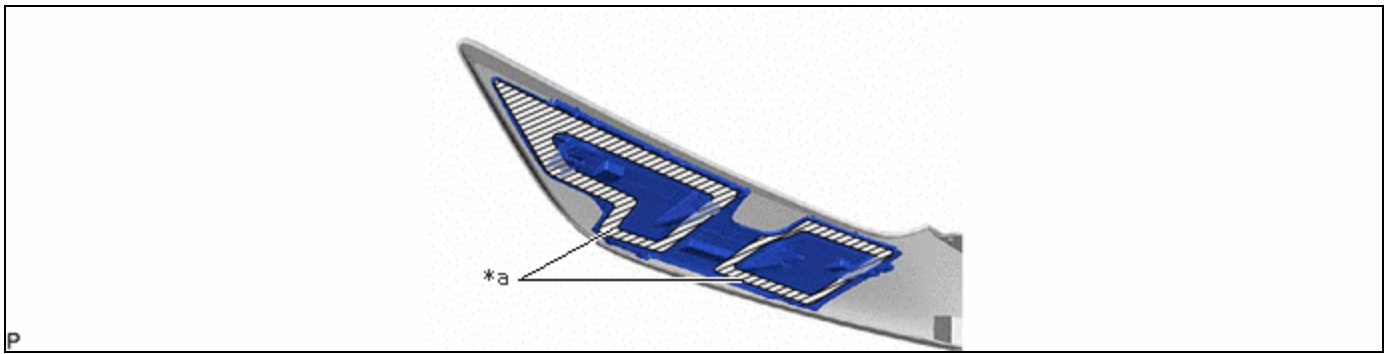
20. REMOVE RADIATOR INNER GRILLE



21. REMOVE FRONT BUMPER BAR



22. REMOVE FRONT BUMPER END RETAINER LH

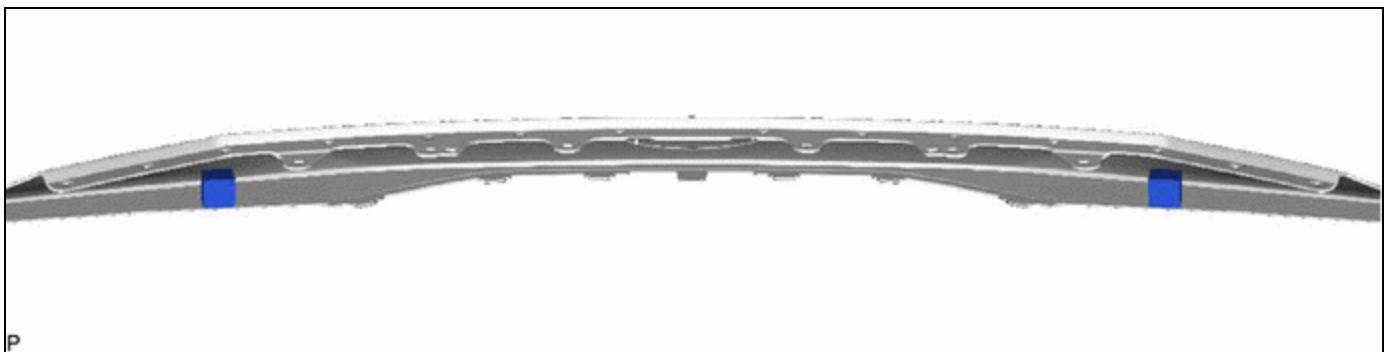


*a	Double-sided Tape	-	-
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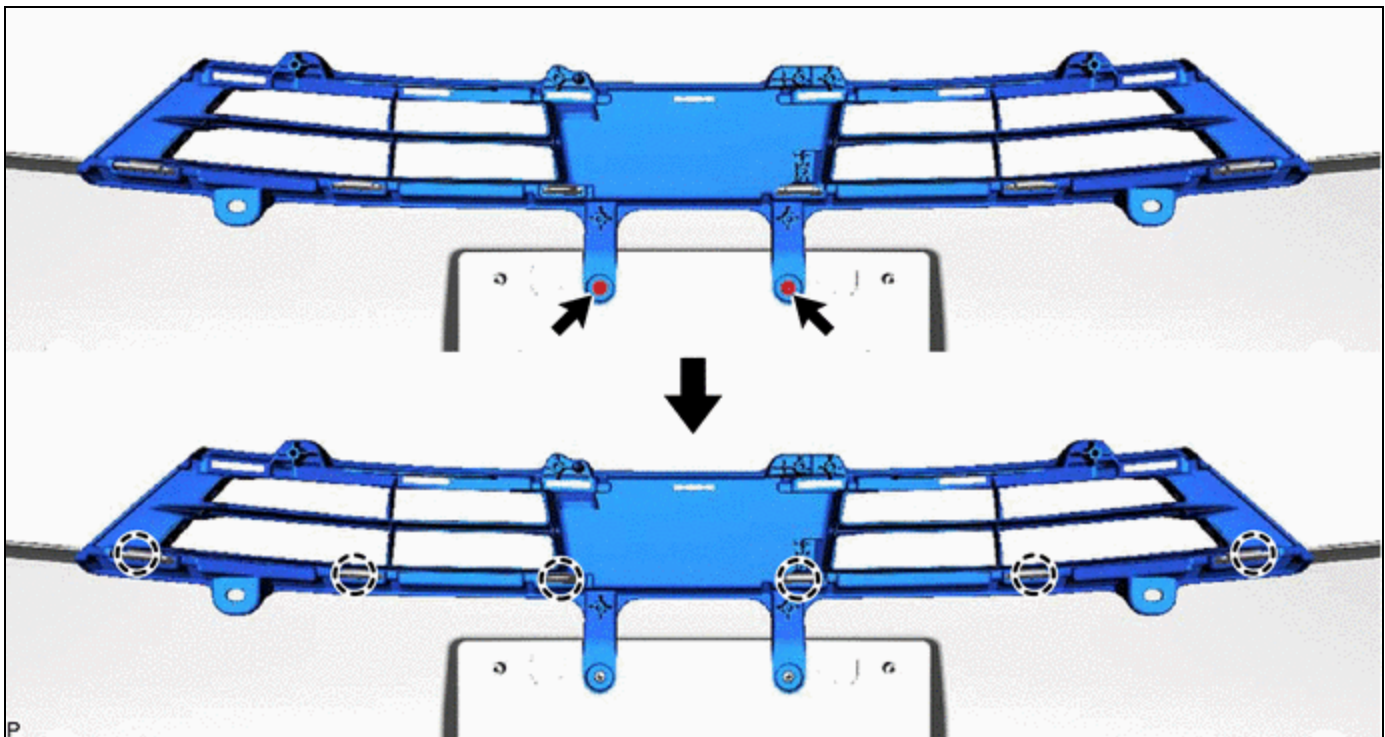
23. REMOVE FRONT BUMPER END RETAINER RH

(a) Use the same procedure as for the LH side.

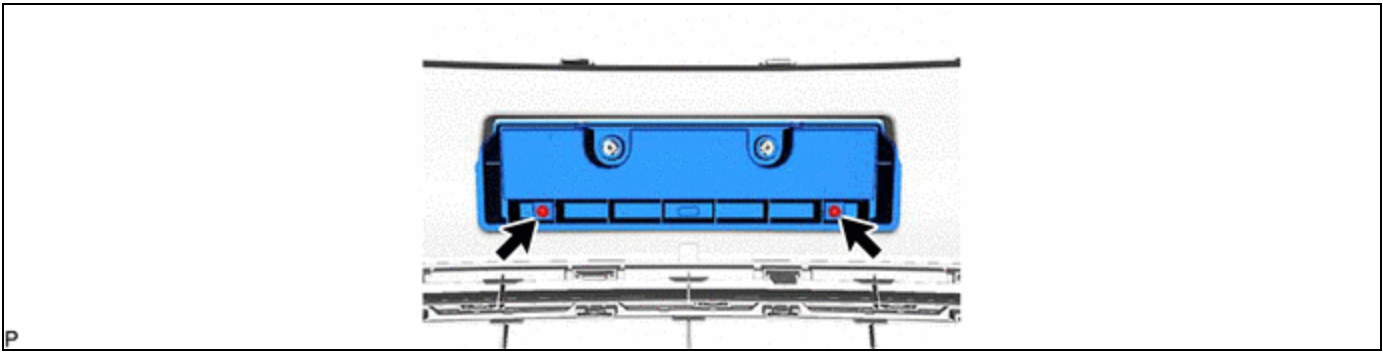
24. REMOVE FRONT BUMPER PAD



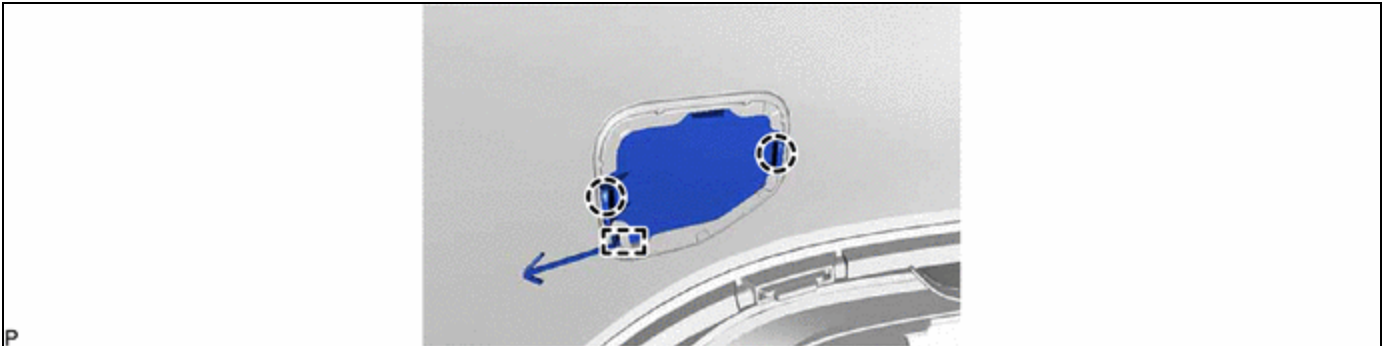
25. REMOVE RADIATOR GRILLE GARNISH



26. REMOVE FRONT BUMPER MOUNTING BRACKET (w/ Front bumper mounting bracket)



27. REMOVE FRONT BUMPER HOLE COVER LH

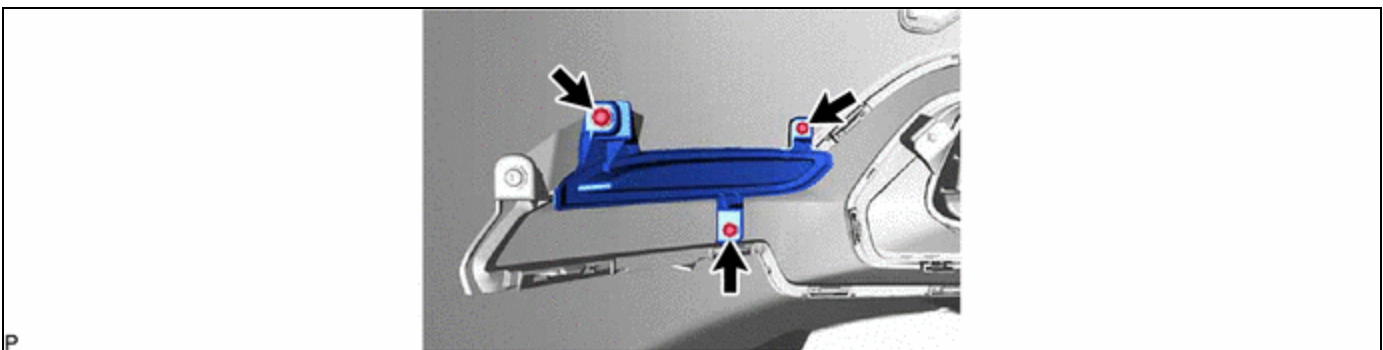


28. REMOVE FRONT BUMPER HOLE COVER RH

(a) Use the same procedure as for the LH side.

29. REMOVE FOG LIGHT COVER LH (for Separate Type)

(a) w/o LED Illumination Light:



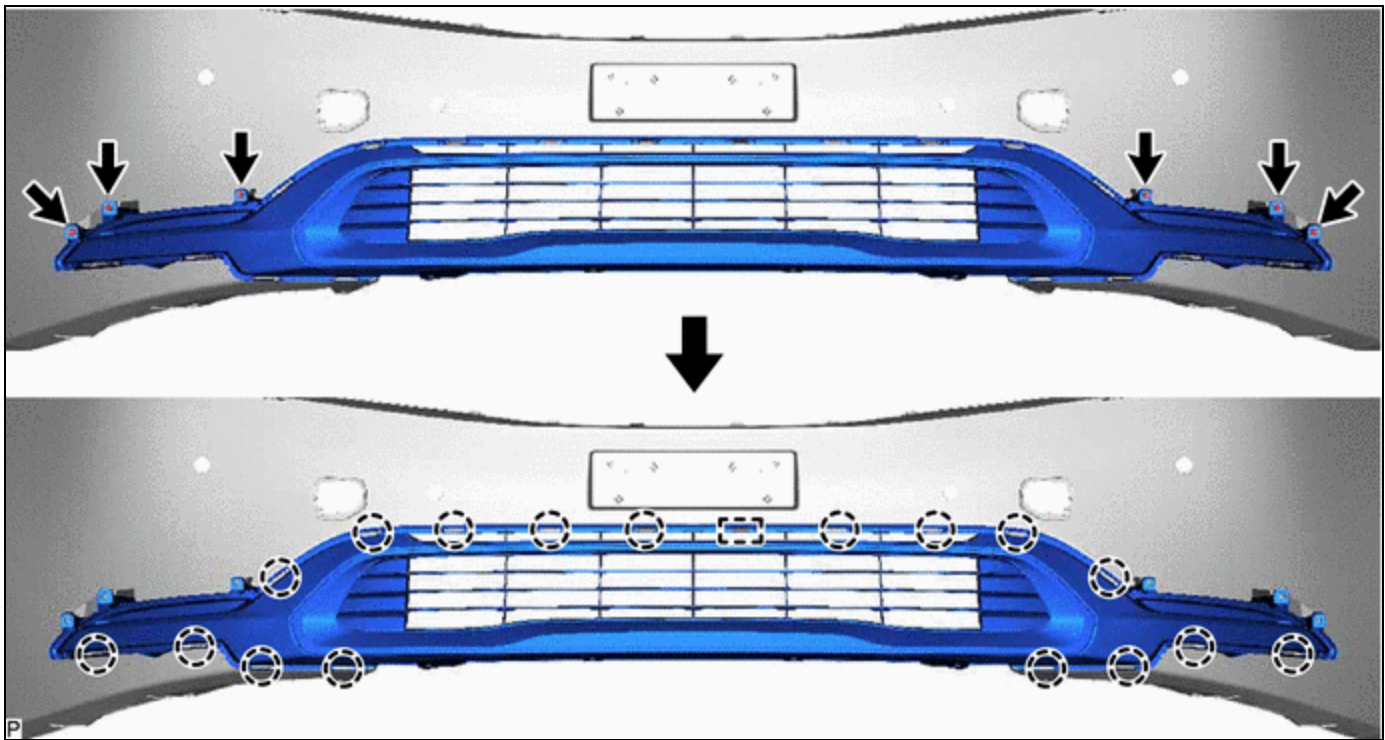
30. REMOVE FOG LIGHT COVER RH (for Separate Type)

(a) w/o LED Illumination Light:

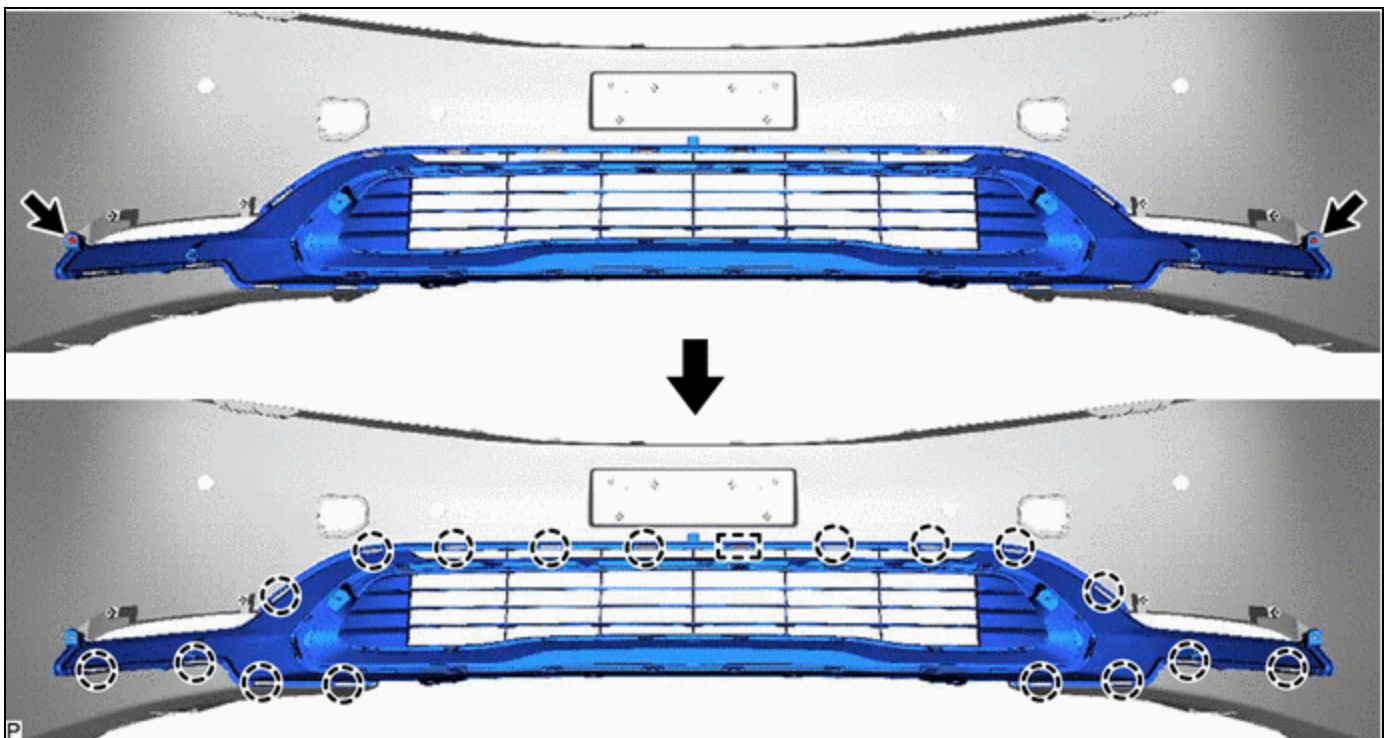
Use the same procedure as for the LH side.

31. REMOVE NO. 1 LOWER RADIATOR GRILLE

(a) for Integrated Type:



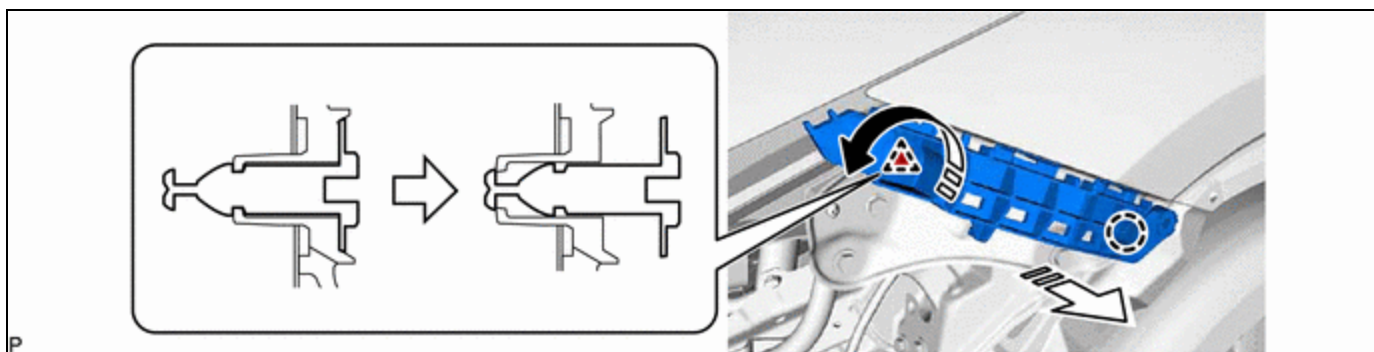
(b) for Separate Type:





32. REMOVE FRONT BUMPER SIDE SUPPORT LH

HINT:

Perform this procedure only when replacement of the front bumper side support LH is necessary.



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

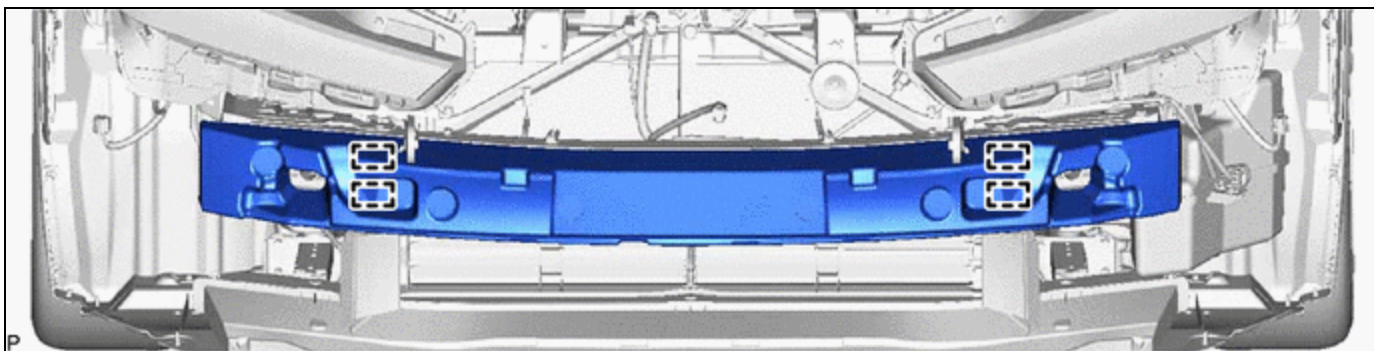
33. REMOVE FRONT BUMPER SIDE SUPPORT RH

(a) Use the same procedure as for the LH side.

34. REMOVE FRONT BUMPER ENERGY ABSORBER

HINT:

Perform this procedure only when replacement of the front bumper energy absorber is necessary.



35. REMOVE FRONT RADIATOR SIDE AIR GUIDE PLATE LH

Click here [INFO](#)

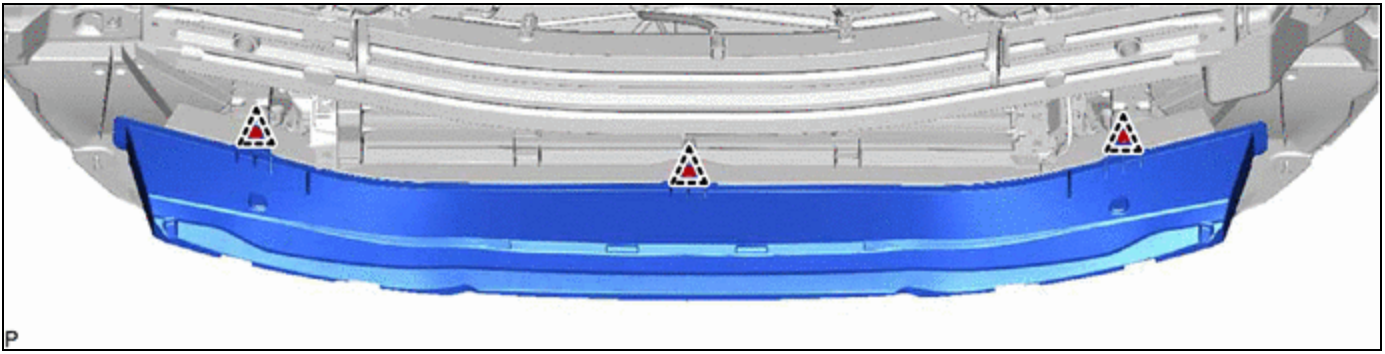
36. REMOVE FRONT RADIATOR SIDE AIR GUIDE PLATE RH

(a) Use the same procedure as for the LH side.

37. REMOVE FRONT BUMPER LOWER ABSORBER

HINT:


Perform this procedure only when replacement of the front bumper lower absorber is necessary.



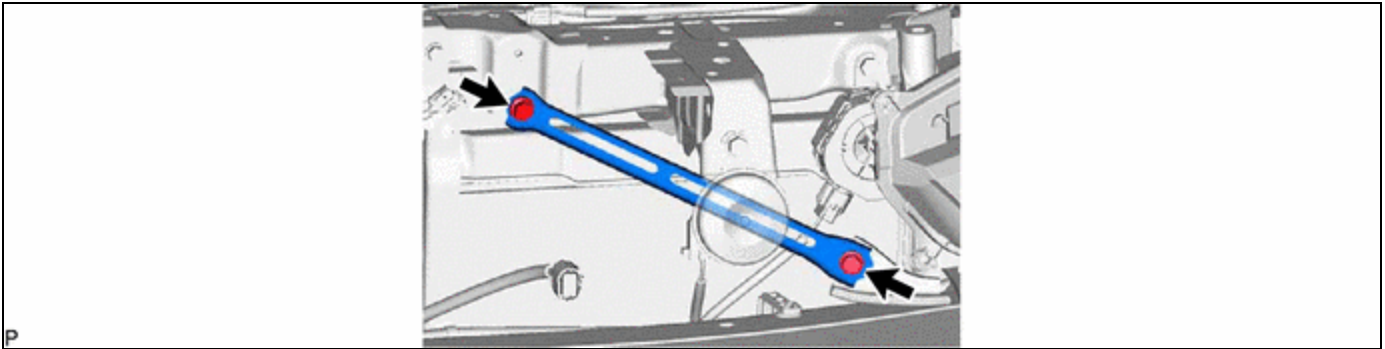
38. REMOVE INLET NO. 1 AIR CLEANER (w/ Bracket)

Click here [INFO](#)

39. REMOVE HOOD LOCK ASSEMBLY (w/ Bracket)

	Click here INFO
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40. REMOVE UPPER RADIATOR MOUNTING BRACKET LH (w/ Bracket)



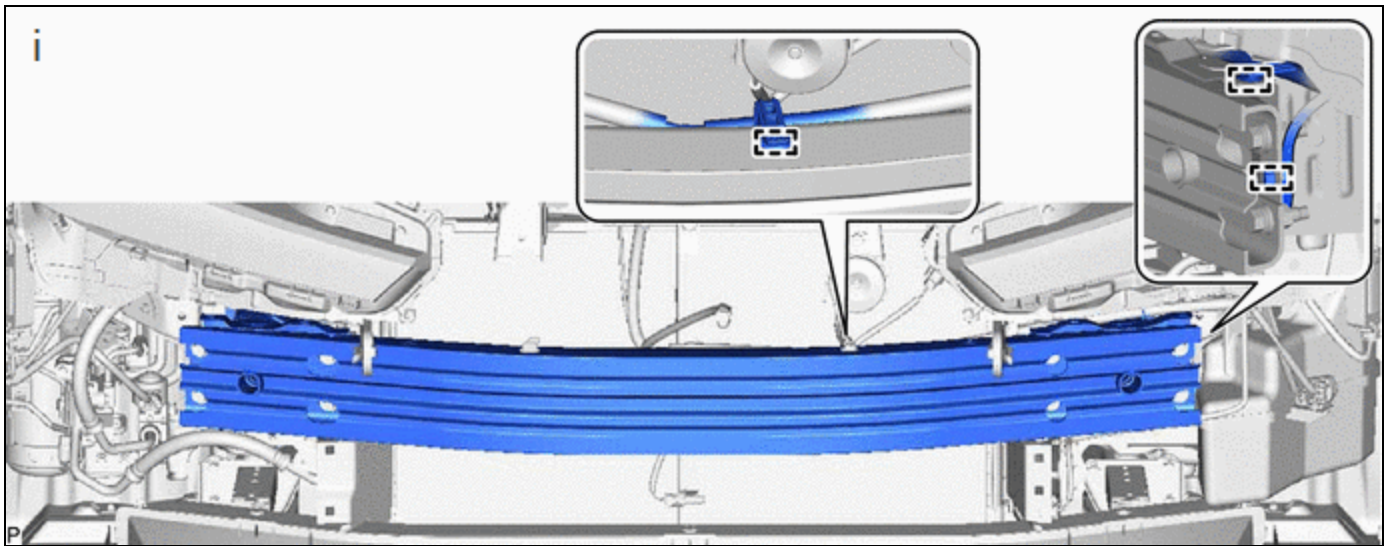
41. REMOVE UPPER RADIATOR MOUNTING BRACKET RH (w/ Bracket)

(a) Use the same procedure as for the LH side.

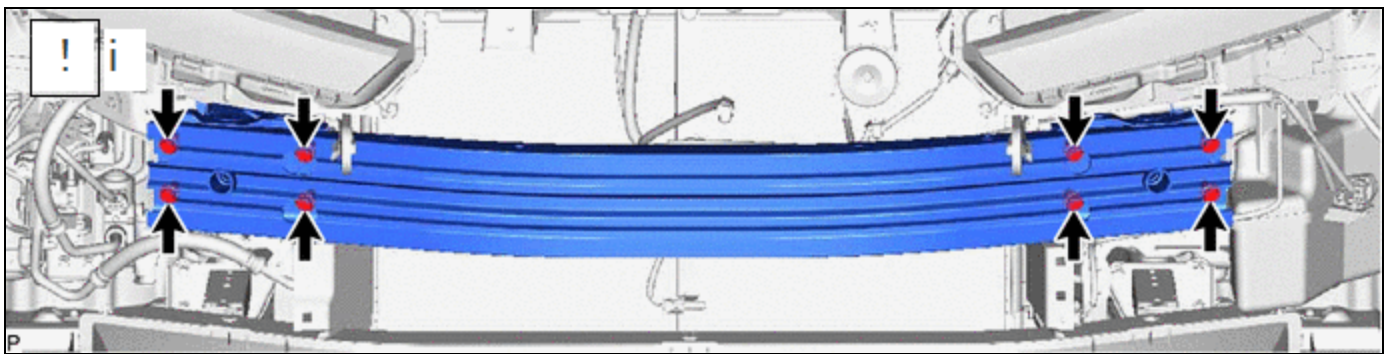
42. REMOVE FRONT BUMPER REINFORCEMENT

HINT:

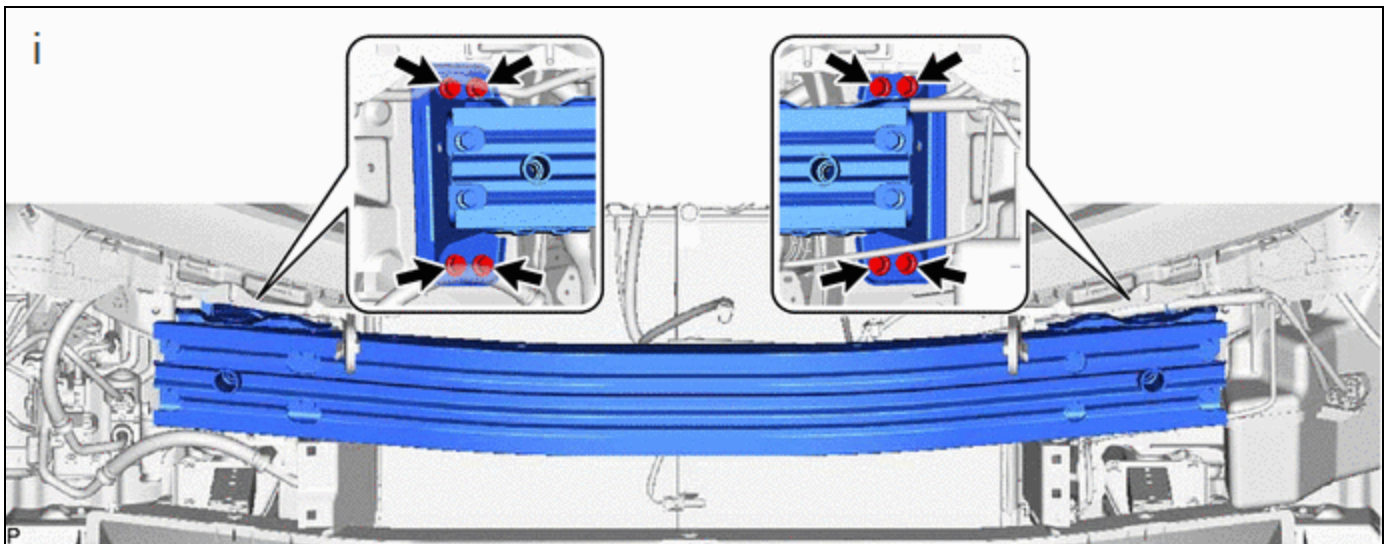
Perform this procedure only when replacement of the front bumper reinforcement sub-assembly is necessary.



(1) Disengage each clamp.



(1) Loosen the 8 bolts.

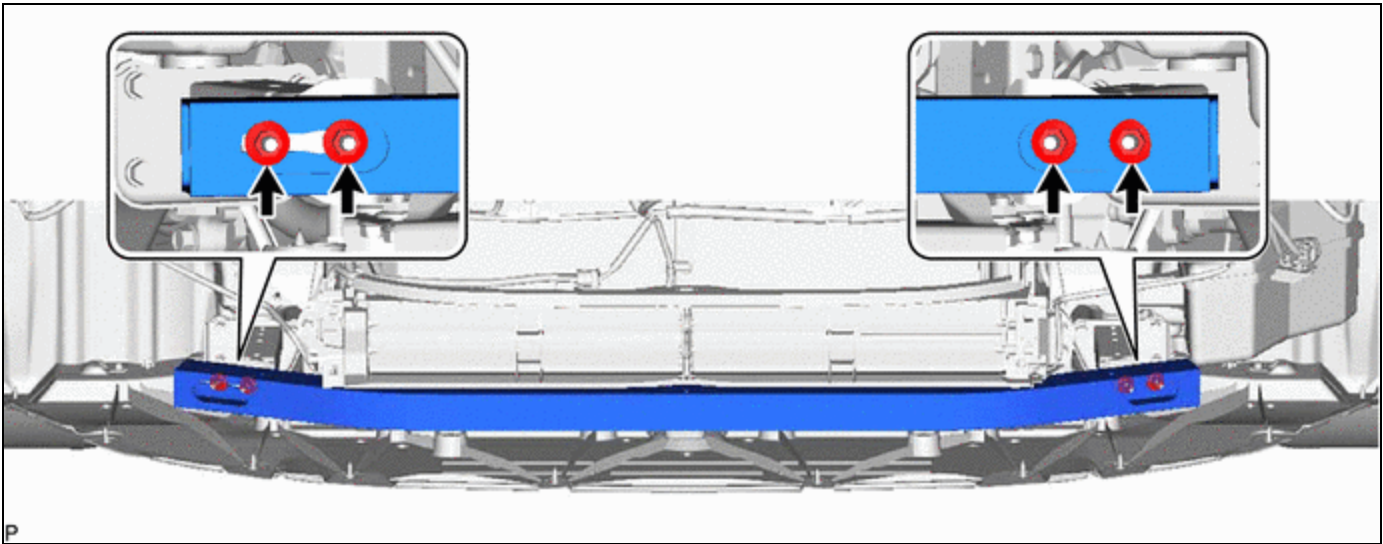


(1) Remove the 8 bolts and front bumper reinforcement.

43. REMOVE NO. 2 FRONT BUMPER REINFORCEMENT

HINT:

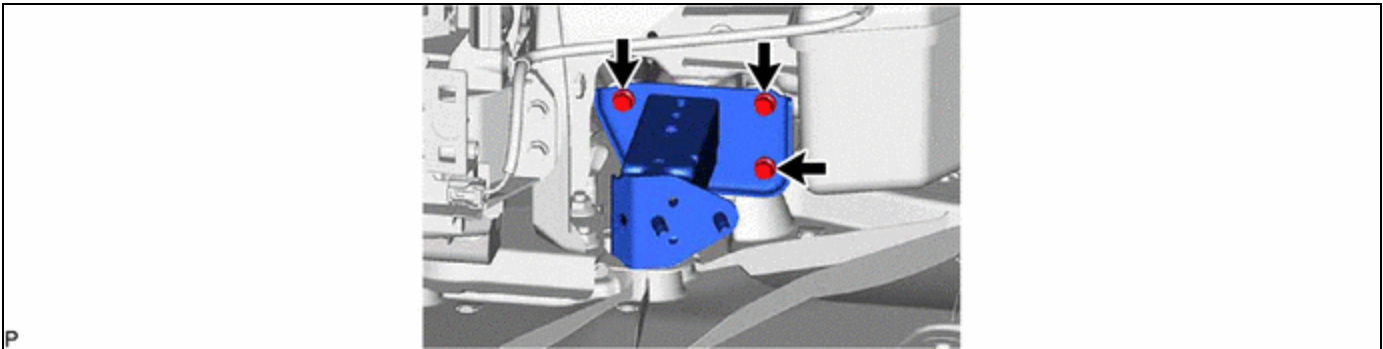
Perform this procedure only when replacement of the No. 2 front bumper reinforcement is necessary.



44. REMOVE FRONT BUMPER EXTENSION SUB-ASSEMBLY LH

HINT:

Perform this procedure only when replacement of the front bumper extension sub-assembly is necessary.



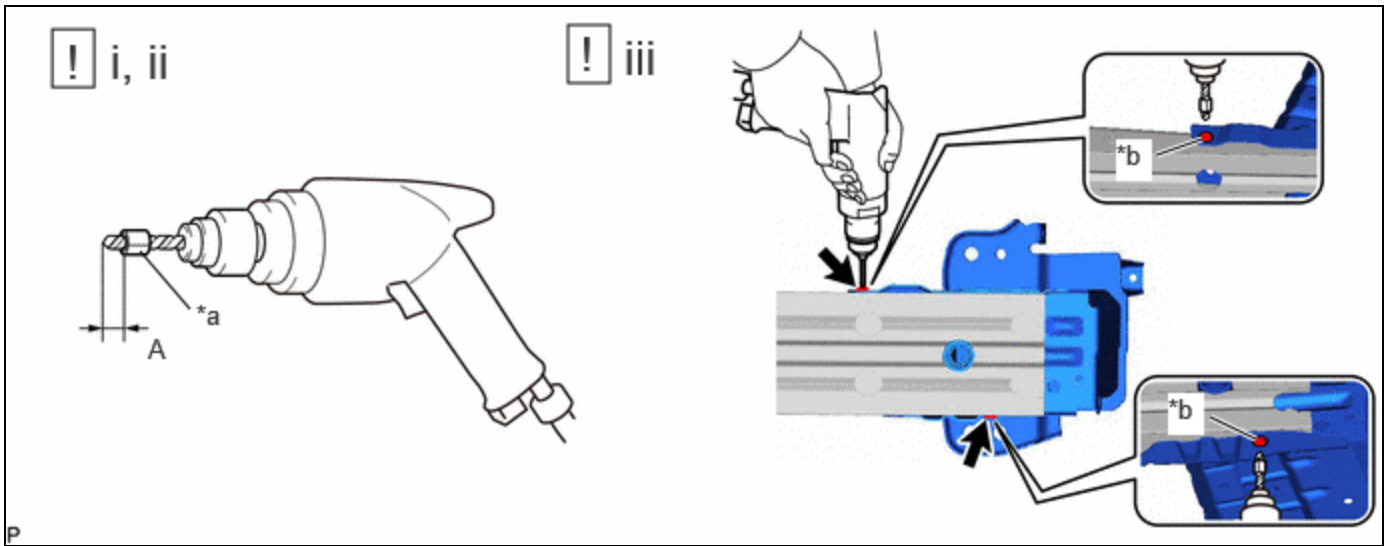
45. REMOVE FRONT BUMPER EXTENSION SUB-ASSEMBLY RH

(a) Use the same procedure as for the LH side.

46. REMOVE FRONT SIDE MEMBER BRACKET SUB-ASSEMBLY LH (for Type A)

HINT:

Perform this procedure only when replacement of the front side member bracket sub-assembly is necessary.



*a	Tape	*b	Flange
----	------	----	--------

- (1) Insert a 6.0 mm (0.236 in.) drill bit into a drill.
- (2) Tape the 6.0 mm (0.236 in.) drill bit 5.0 mm (0.197 in.) from the tip as shown in the illustration.
Standard Measurement:

AREA	MEASUREMENT	AREA	MEASUREMENT
A	5.0 mm (0.197 in.)	-	-

NOTICE:

Tape the 6.0 mm (0.236 in.) drill bit to prevent the drill bit from going too deep.

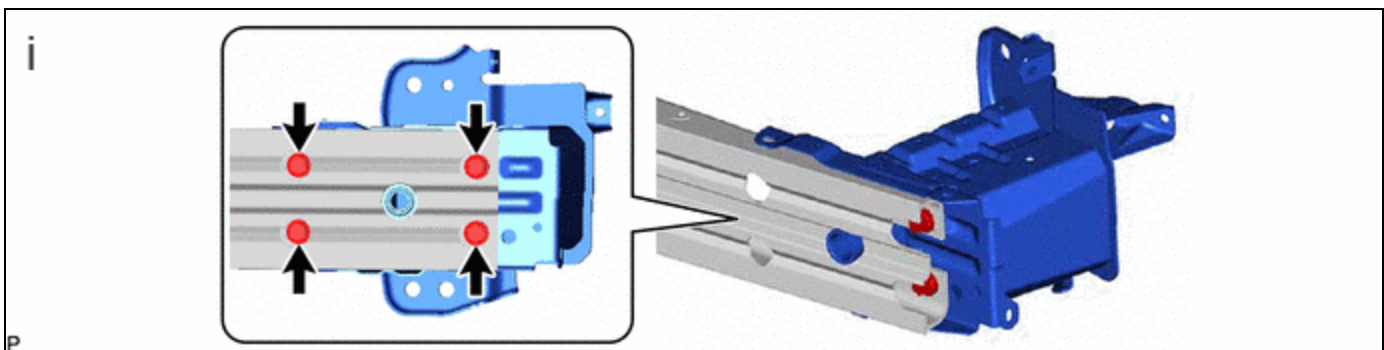
- (3) Lightly press the drill against the rivets to drill off the rivet flanges, and remove the 2 rivets.

CAUTION:

Be careful of the drilled rivets, as they may be hot.

NOTICE:

- Pressing the drill too firmly will cause the rivet to turn and result in the rivet not being drilled through.
- Prying the rivets with the drill may damage the rivet installation holes or drill bit.



- (1) Remove the 4 bolts and front side member bracket sub-assembly LH.

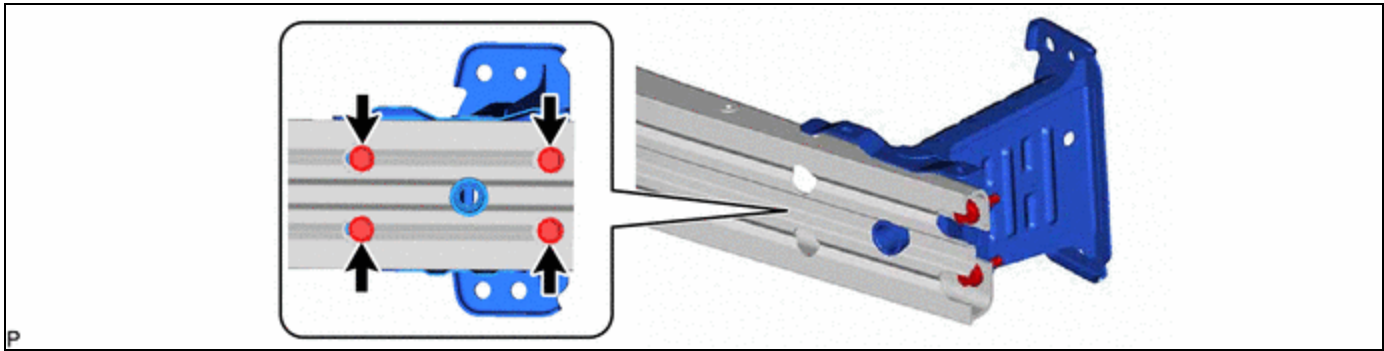
47. REMOVE FRONT SIDE MEMBER BRACKET SUB-ASSEMBLY RH (for Type A)

- (a) Use the same procedure as for the LH side.

48. REMOVE FRONT SIDE MEMBER BRACKET SUB-ASSEMBLY LH (for Type B)

HINT:

Perform this procedure only when replacement of the front side member bracket sub-assembly is necessary.



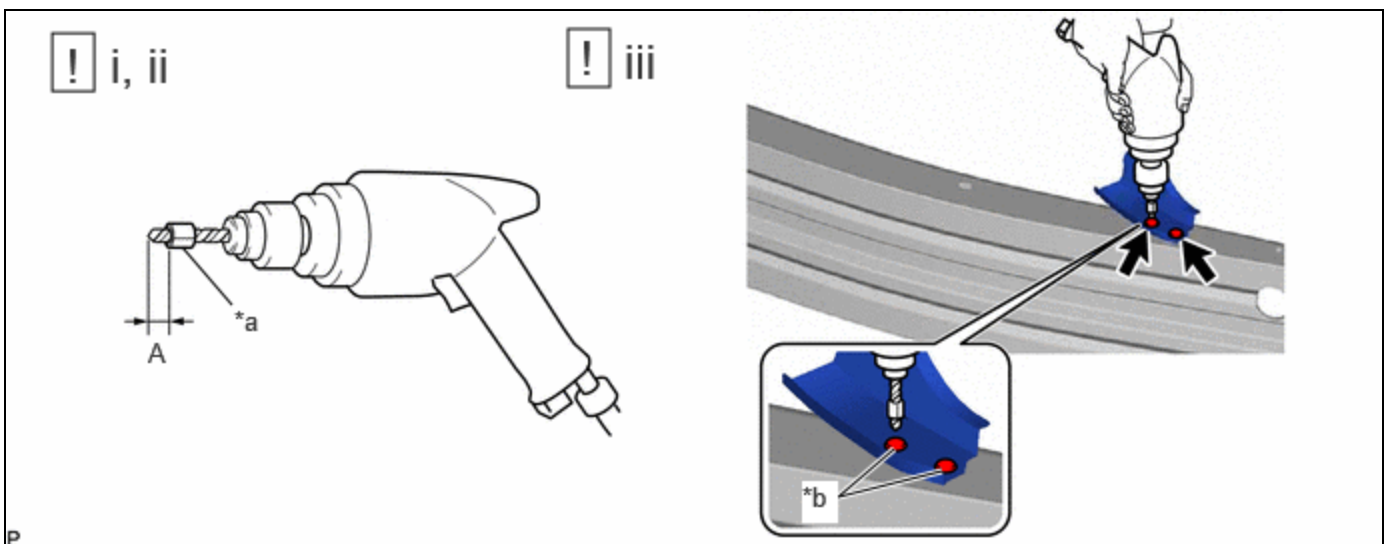
49. REMOVE FRONT SIDE MEMBER BRACKET SUB-ASSEMBLY RH (for Type B)

(a) Use the same procedure as for the LH side.

50. REMOVE NO. 2 FRONT BUMPER SPACER (w/ Bracket)

HINT:

Perform this procedure only when replacement of the front side member bracket sub-assembly is necessary.



*a	Tape	*b	Flange
----	------	----	--------

- (1) Insert a 6.0 mm (0.236 in.) drill bit into a drill.
- (2) Tape the 6.0 mm (0.236 in.) drill bit 5.0 mm (0.197 in.) from the tip as shown in the illustration.

Standard Measurement:

AREA	MEASUREMENT	AREA	MEASUREMENT
A	5.0 mm (0.197 in.)	-	-

NOTICE:

Tape the 6.0 mm (0.236 in.) drill bit to prevent the drill bit from going too deep.

- (3) Lightly press the drill against the rivets to drill off the rivet flanges, and remove the 2 rivets.

CAUTION:

Be careful of the drilled rivets, as they may be hot.

NOTICE:

- Pressing the drill too firmly will cause the rivet to turn and result in the rivet not being drilled through.
- Prying the rivets with the drill may damage the rivet installation holes or drill bit.

51. REMOVE NO. 1 FRONT BUMPER SPACER (w/ Bracket)

(a) Use the same procedure as for the LH side.

