

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000028Q2E
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: PARK ASSIST / MONITORING: ULTRASONIC SENSOR (for Rear): REMOVAL; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

REMOVAL

CAUTION / NOTICE / HINT

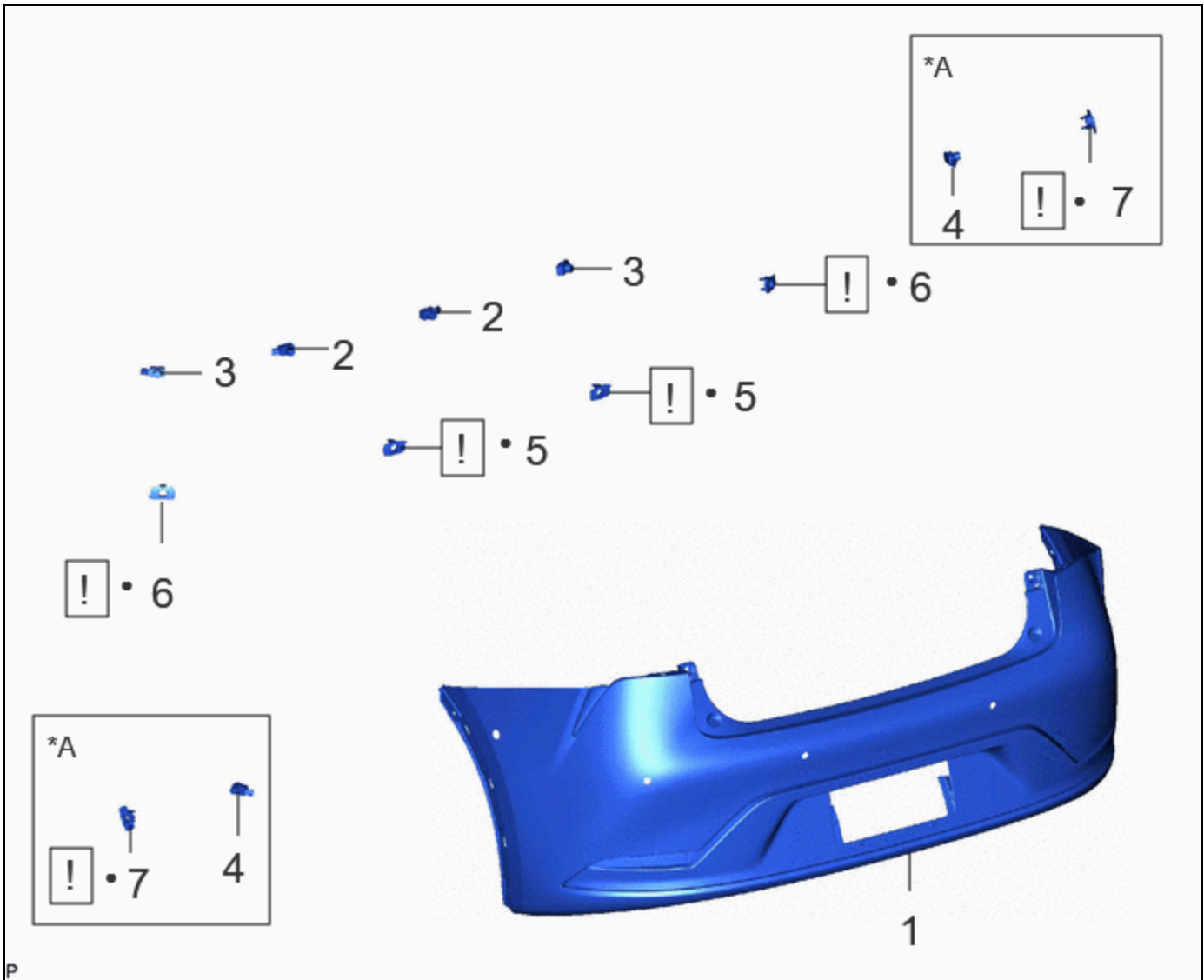
The necessary procedures (adjustment, calibration, initialization or registration) that must be performed after parts are removed and installed, or replaced during ultrasonic sensor removal/installation are shown below.

Necessary Procedures After Parts Removed/Installed/Replaced

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURES	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURES ARE NOT PERFORMED	LINK
Ultrasonic sensor	w/ Parking Support Brake System: <ul style="list-style-type: none"> • Measurement of Ultrasonic sensor detection angle • Ultrasonic sensor detection angle registration 	<ul style="list-style-type: none"> • Intuitive Parking Assist Sensor System • Parking Support Brake System 	INFO
		Advanced Park	INFO
	w/o Parking Support Brake System: <p>Initialization of ultrasonic sensors</p>	Intuitive Parking Assist Sensor System	INFO

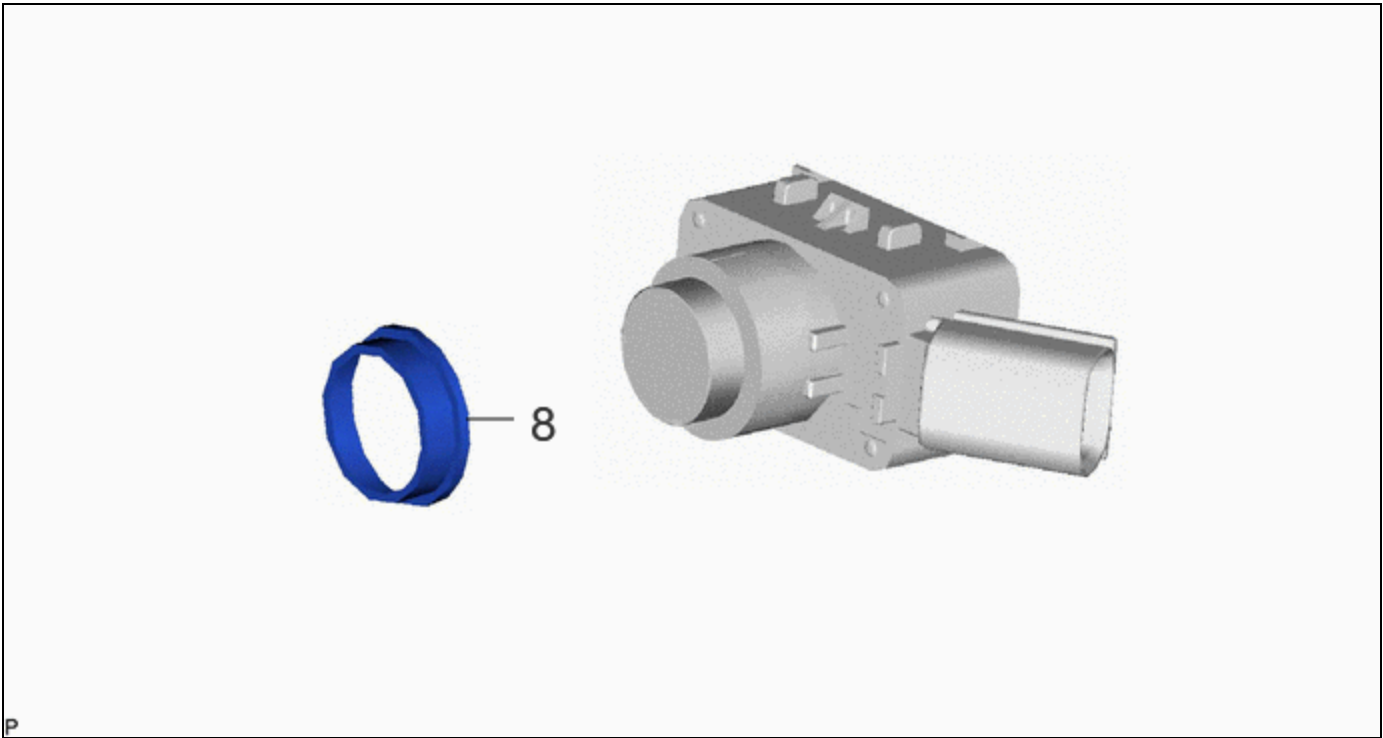
CAUTION / NOTICE / HINT

COMPONENTS (REMOVAL)



PROCEDURE		PART NAME CODE	!		
1	REAR BUMPER ASSEMBLY	-	-	-	-
2	REAR CENTER ULTRASONIC SENSOR	89342A	-	-	-
3	REAR CORNER ULTRASONIC SENSOR	89342	-	-	-
4	REAR SIDE ULTRASONIC SENSOR	89342B	-	-	-
5	REAR CENTER ULTRASONIC SENSOR RETAINER	89C48B	INFO	-	-
6	REAR CORNER ULTRASONIC SENSOR RETAINER	89C48A	INFO	-	-
7	REAR SIDE ULTRASONIC SENSOR RETAINER	89C48C	INFO	-	-

*A	w/ Advanced Park	-	-
•	Non-reusable part	-	-



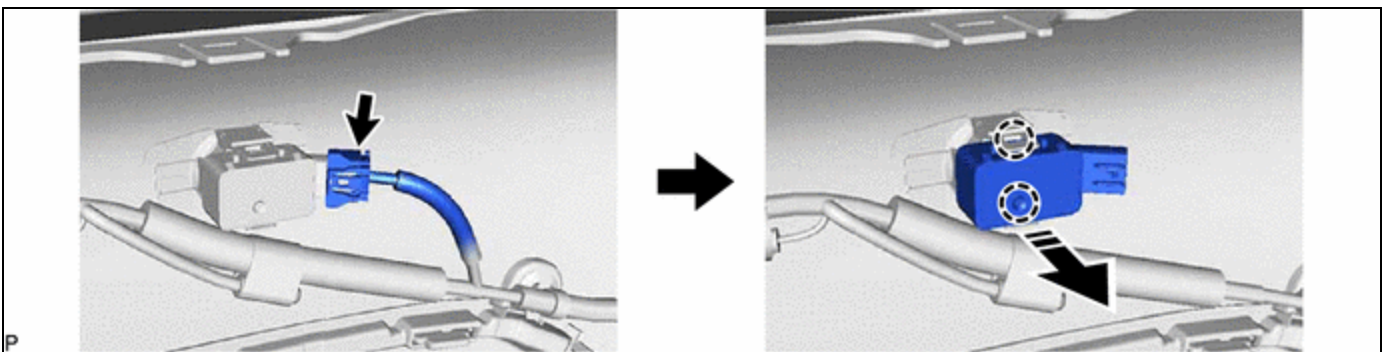
PROCEDURE		PART NAME CODE			
8	ULTRASONIC SENSOR CUSHION SET	89305	-	-	-

PROCEDURE

1. REMOVE REAR BUMPER ASSEMBLY

Click here [INFO](#)

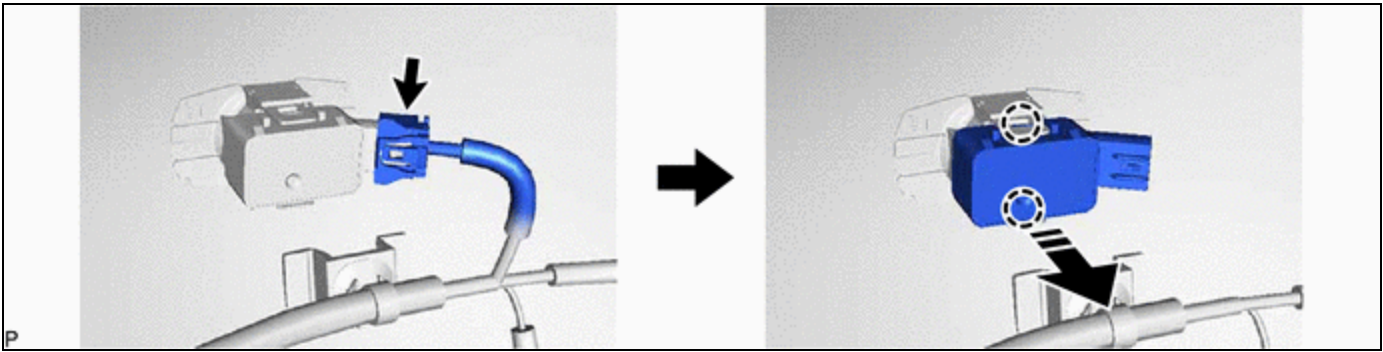
2. REMOVE REAR CENTER ULTRASONIC SENSOR




	Remove in this Direction	-	-
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(b) Use the same procedure for the RH side and LH side.

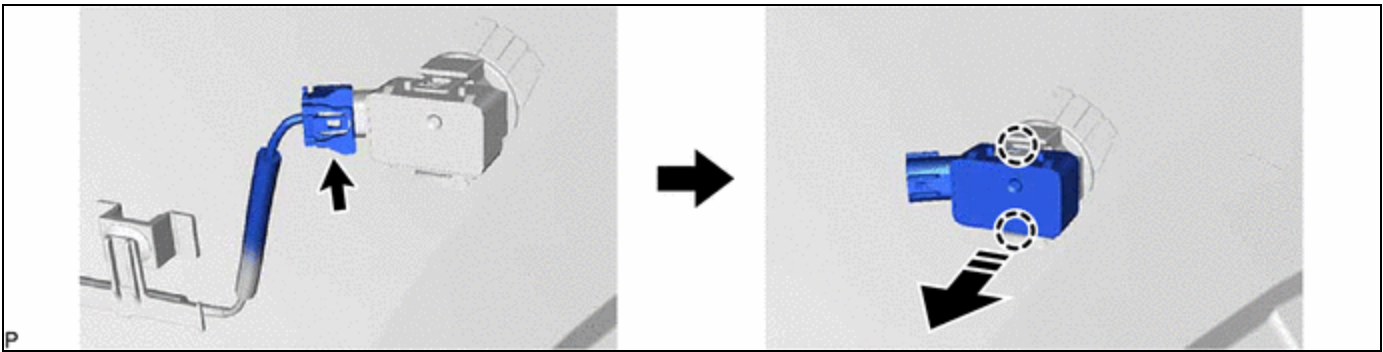
3. REMOVE REAR CORNER ULTRASONIC SENSOR




	Remove in this Direction	-	-
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(b) The orientation for the RH side is the opposite of the LH side.

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



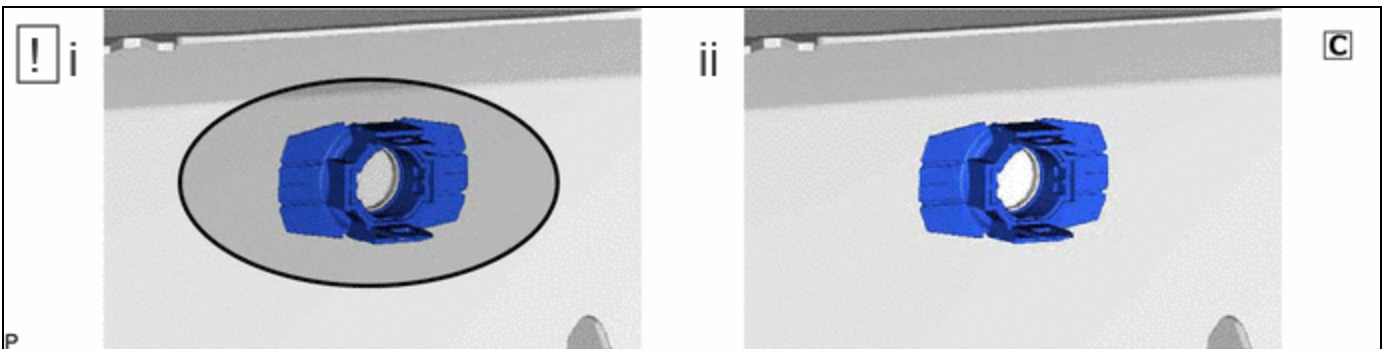
	Remove in this Direction	-	-
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(b) The orientation for the RH side is the opposite of the LH side.

5. REMOVE REAR CENTER ULTRASONIC SENSOR RETAINER

HINT:

Perform this procedure only when replacement of the rear center ultrasonic sensor retainer is necessary.



	Heated Area	-	-
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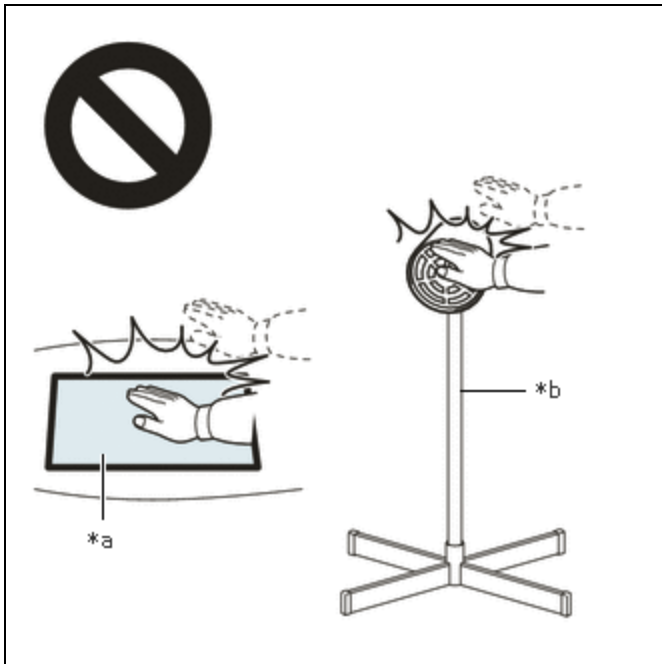
(1) Heat the rear bumper assembly and rear center ultrasonic sensor retainer using a heat light at the specified temperature for 3 to 5 minutes.

Standard Value:

PART	TEMPERATURE
Rear Bumper Assembly	40 to 60°C (104 to 140°F)
Rear Center Ultrasonic Sensor Retainer	

CAUTION:

- Do not touch the heat light and heated parts.
- Touching the heat light may result in burns.
- Touching heated parts for a long time may result in burns.



*a	Heated Part
*b	Heat Light

NOTICE:

Do not heat the rear bumper assembly and rear center ultrasonic sensor retainer excessively.

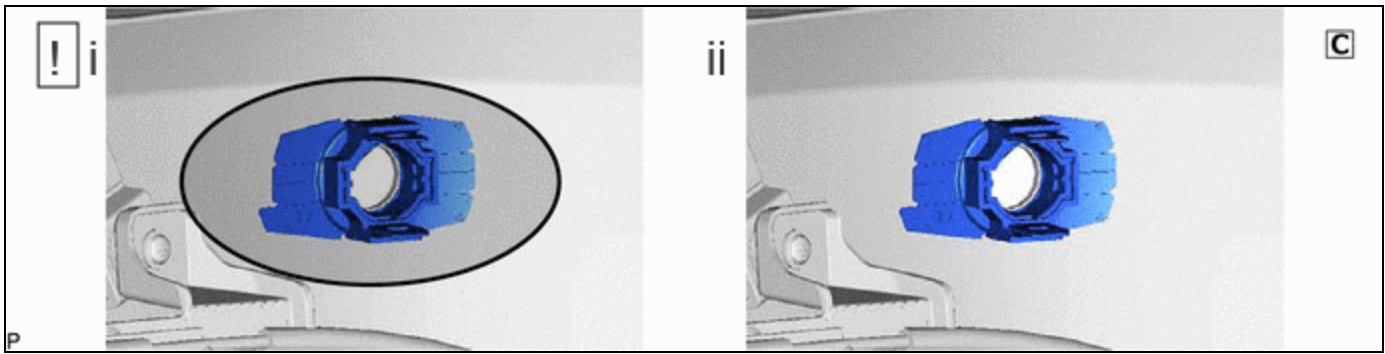
(2) Remove the rear center ultrasonic sensor retainer.


(b) Use the same procedure for the RH side and LH side.

6. REMOVE REAR CORNER ULTRASONIC SENSOR RETAINER

HINT:

Perform this procedure only when replacement of the rear corner ultrasonic sensor retainer is necessary.



	Heated Area	-	-
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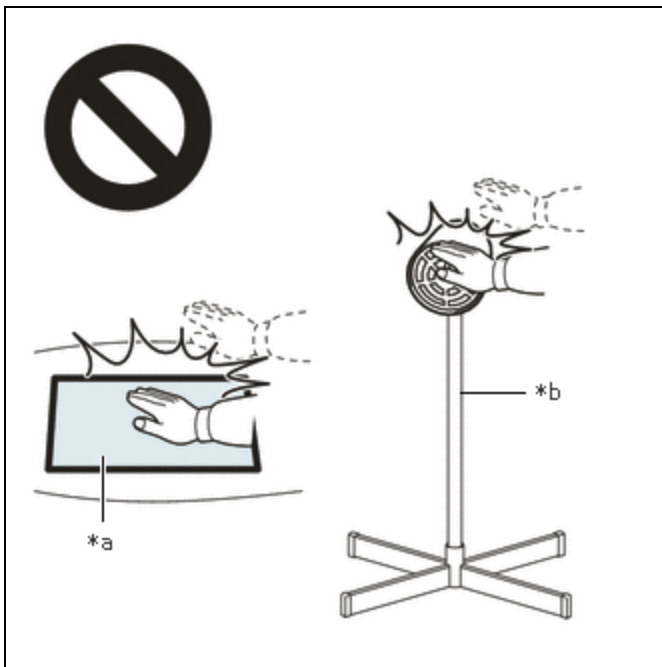
(1) Heat the rear bumper assembly and rear corner ultrasonic sensor retainer using a heat light at the specified temperature for 3 to 5 minutes.

Standard Value:

PART	TEMPERATURE
Rear Bumper Assembly	40 to 60°C (104 to 140°F)
Rear Corner Ultrasonic Sensor Retainer	

CAUTION:

- Do not touch the heat light and heated parts.
- Touching the heat light may result in burns.
- Touching heated parts for a long time may result in burns.



*a	Heated Part
*b	Heat Light

NOTICE:

Do not heat the rear bumper assembly and rear corner ultrasonic sensor retainer excessively.

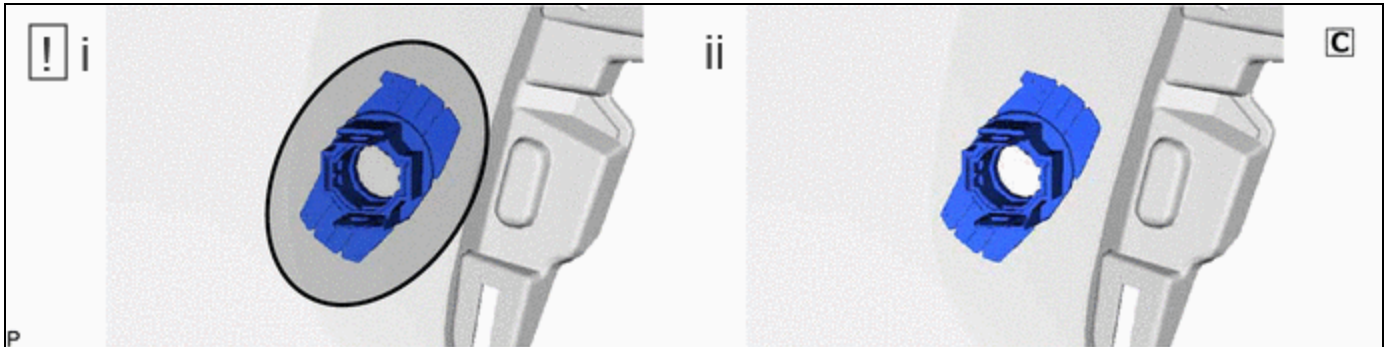
(2) Remove the rear corner ultrasonic sensor retainer.


(b) The orientation for the RH side is the opposite of the LH side.

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

HINT:

Perform this procedure only when replacement of the rear side ultrasonic sensor retainer is necessary.



	Heated Area	-	-
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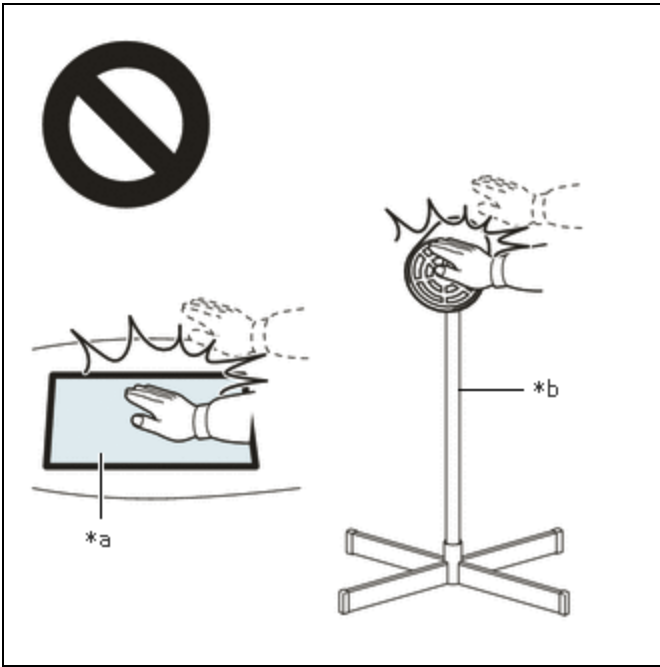
(1) Heat the rear bumper assembly and rear side ultrasonic sensor retainer using a heat light at the specified temperature for 3 to 5 minutes.

Standard Value:

PART	TEMPERATURE
Rear Bumper Assembly	40 to 60°C (104 to 140°F)
Rear Side Ultrasonic Sensor Retainer	

CAUTION:

- Do not touch the heat light and heated parts.
- Touching the heat light may result in burns.
- Touching heated parts for a long time may result in burns.



*a	Heated Part
*b	Heat Light

NOTICE:

Do not heat the rear bumper assembly and rear side ultrasonic sensor retainer excessively.

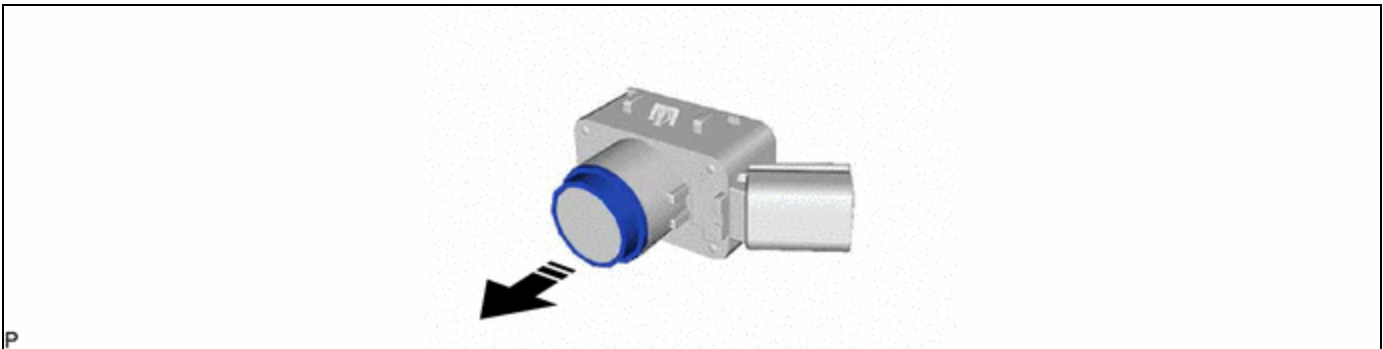
(2) Remove the rear side ultrasonic sensor retainer.

(b) The orientation for the RH side is the opposite of the LH side.

8. REMOVE ULTRASONIC SENSOR CUSHION SET

HINT:

Perform this procedure only when replacement of the ultrasonic sensor cushion set is necessary.



	Remove in this Direction	-	-
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