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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: PARK ASSIST / MONITORING: BLIND SPOT MONITOR SENSOR: INSTALLATION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

INSTALLATION

CAUTION / NOTICE / HINT

NOTICE:

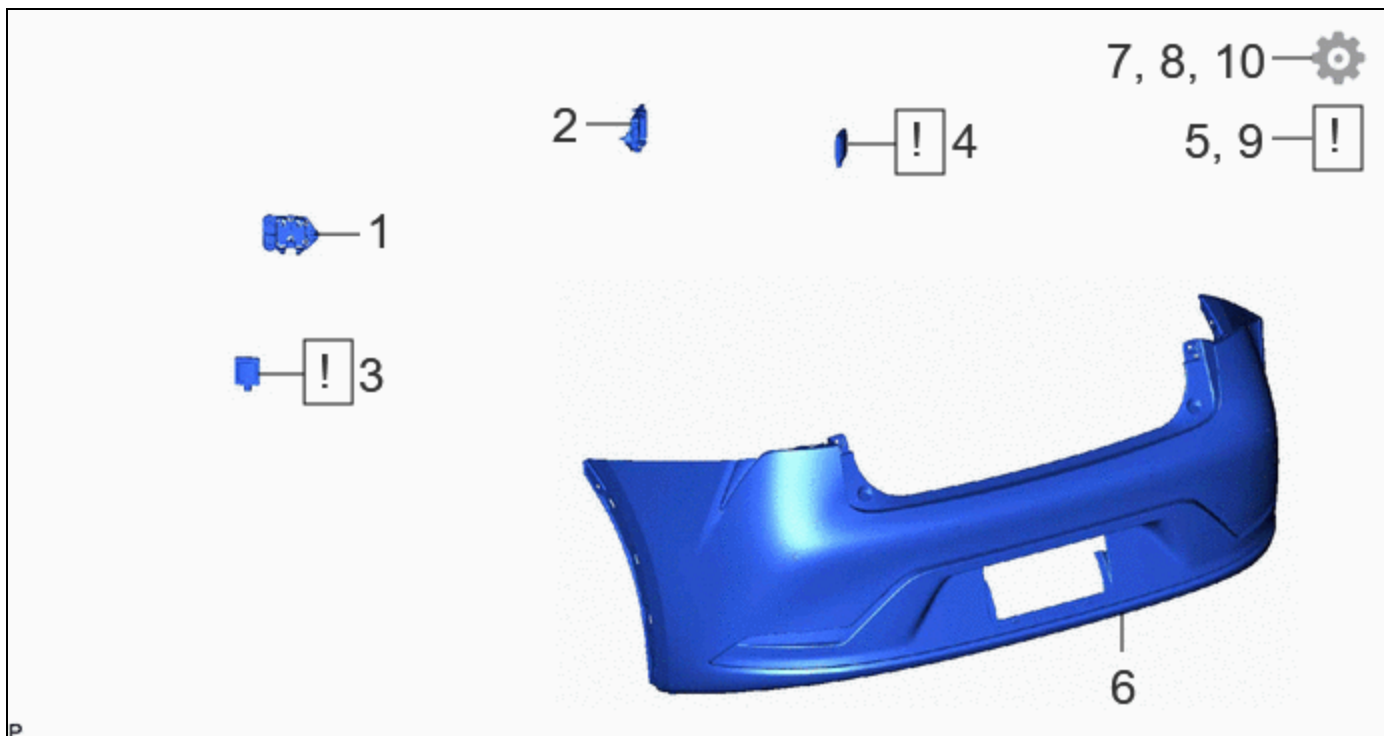
- Do not drop the blind spot monitor sensor.
- If the blind spot monitor sensor is dropped, replace it with a new one.
- After replacing the blind spot monitor sensor, make sure to perform ECU configuration.




HINT:

- The blind spot monitor beam axis confirmation is performed to confirm whether the sensor beam axis is correct, and to adjust the beam axis by using a reflector.
- When checking the installation condition of the blind spot monitor sensor, make sure it is between 46 and 54° with respect to the vehicle center line. Also, using a tool, perform a check to make sure that the sensor is aligned perpendicular to the ground (+/- 2.2°).

CAUTION / NOTICE / HINT

COMPONENTS (INSTALLATION)



	PROCEDURE	PART NAME CODE			
1	BLIND SPOT MONITOR BRACKET LH	88171	-	-	-
2	BLIND SPOT MONITOR BRACKET RH	88161	-	-	-
3	BLIND SPOT MONITOR SENSOR LH	88172	INFO	-	-
4	BLIND SPOT MONITOR SENSOR RH	88162	INFO	-	-
5	PERFORM BLIND SPOT MONITOR SENSOR INSTALLATION CONDITION INSPECTION	-	INFO	-	-
6	REAR BUMPER ASSEMBLY	-	-	-	-
7	BSM ECU DATA WRITE	-	-	-	INFO
8	ECU CONFIGURATION	-	-	-	INFO
9	PERFORM BLIND SPOT MONITOR BEAM AXIS CONFIRMATION	-	INFO	-	-
10	PERFORM DIAGNOSTIC SYSTEM CHECK	-	-	-	INFO

PROCEDURE

1. INSTALL BLIND SPOT MONITOR BRACKET LH

HINT:

Perform this procedure only when replacement of the blind spot monitor bracket LH is necessary.

2. INSTALL BLIND SPOT MONITOR BRACKET RH

3. INSTALL BLIND SPOT MONITOR SENSOR LH



NOTICE:

- Do not drop the blind spot monitor sensor LH.
- If the blind spot monitor sensor LH is dropped, replace it with a new one.

4. INSTALL BLIND SPOT MONITOR SENSOR RH

5. PERFORM BLIND SPOT MONITOR SENSOR INSTALLATION CONDITION INSPECTION



NOTICE:

After a minor collision has occurred or body repairs have been performed, etc., make sure to perform this inspection as there is a possibility that the installation angle has changed.

Click here [INFO](#)

6. INSTALL REAR BUMPER ASSEMBLY

Click here [INFO](#)

7. BSM ECU DATA WRITE

**NOTICE:**

BSM ECU data write can only be performed when the beam axis adjustment value is able to be saved to the GTS.

Click here [INFO](#)

8. ECU CONFIGURATION

Click here [INFO](#)

9. PERFORM BLIND SPOT MONITOR BEAM AXIS CONFIRMATION**NOTICE:**

When BSM ECU data write can be performed, it is possible to omit the blind spot monitor beam axis confirmation.

- (a) When the blind spot monitor sensor is replaced with a new one, adjustment of the radar sensor beam axis must be performed.

HINT:

Blind spot monitor sensor learning can be performed by using either Triangle Target or Driving Adjustment.

- Target Adjustment (Triangle Target):

Click here [INFO](#)

- Driving Adjustment:

Click here [INFO](#)

10. PERFORM DIAGNOSTIC SYSTEM CHECK