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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: ADVANCED DRIVER ASSISTANCE SYSTEM: FRONT SIDE RADAR SENSOR: INSTALLATION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

INSTALLATION

CAUTION / NOTICE / HINT

NOTICE:

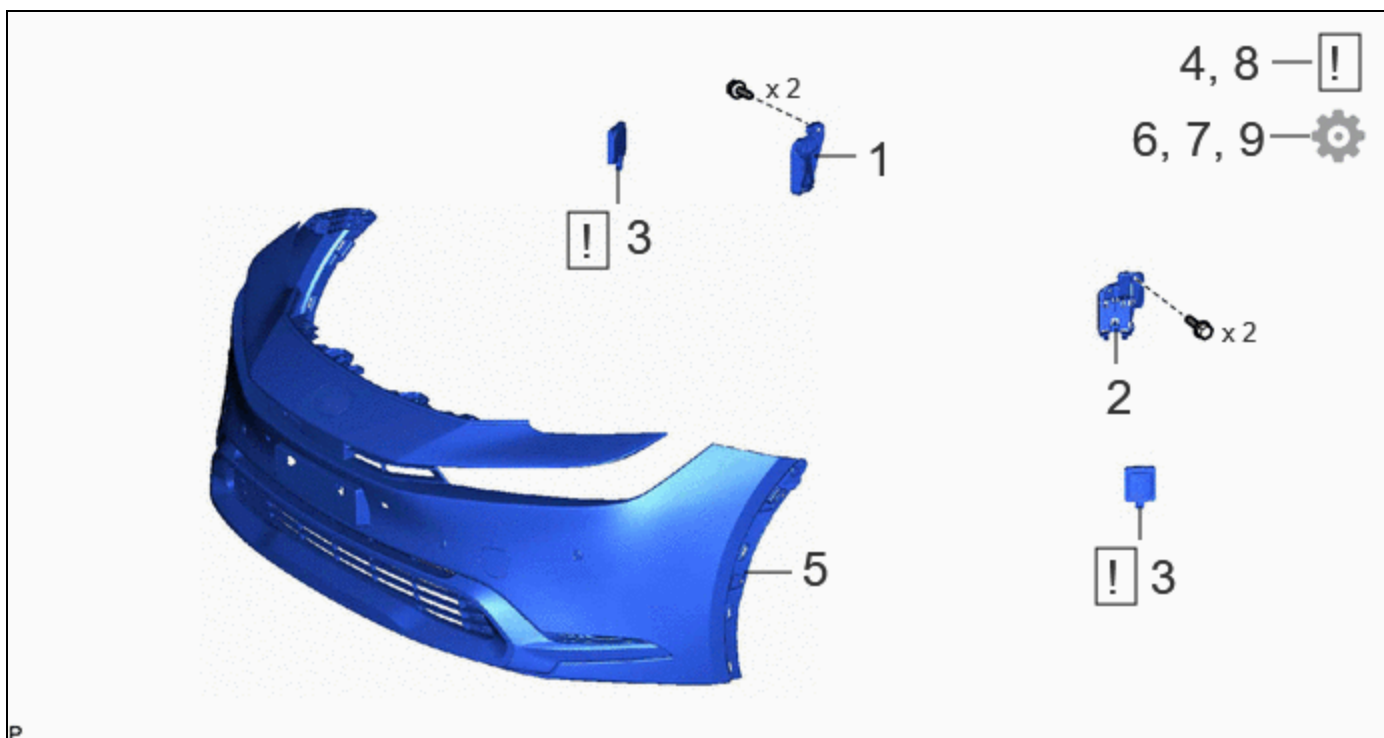
- Do not drop the front side radar sensor.
- If the front side radar sensor is dropped, replace it with a new one.
- After replacing the front side radar sensor, make sure to perform ECU configuration.




HINT:

- The front side radar beam axis confirmation is performed to confirm whether the sensor's beam axis is correct, and to adjust the beam axis by using a reflector.
- When checking the installation condition of the front side radar sensor, make sure it is between 26 and 34° 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	FRONT SIDE RADAR SENSOR BRACKET RH	88215B	-	-	-
2	FRONT SIDE RADAR SENSOR BRACKET LH	88215C	-	-	-
3	FRONT SIDE RADAR SENSOR	882B1	INFO	-	-
4	PERFORM FRONT SIDE RADAR SENSOR INSTALLATION CONDITION INSPECTION	-	INFO	-	-
5	FRONT BUMPER ASSEMBLY	-	-	-	-
6	FRONT SIDE RADAR ECU DATA WRITE	-	-	-	INFO
7	ECU CONFIGURATION	-	-	-	INFO
8	PERFORM FRONT SIDE RADAR BEAM AXIS CONFIRMATION	-	INFO	-	-
9	PERFORM DIAGNOSTIC SYSTEM CHECK	-	-	-	INFO

PROCEDURE


1. INSTALL FRONT SIDE RADAR SENSOR BRACKET RH

HINT:


Perform this procedure only when replacement of the front side radar sensor bracket RH is necessary.

2. INSTALL FRONT SIDE RADAR SENSOR BRACKET LH

3. INSTALL FRONT SIDE RADAR SENSOR

	<p>NOTICE:</p> <ul style="list-style-type: none"> Do not drop the front side radar sensor. If the front side radar sensor is dropped, replace it with a new one.
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4. PERFORM FRONT SIDE RADAR SENSOR INSTALLATION CONDITION INSPECTION

	<p>NOTICE:</p> <p>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.</p> <p>Click here INFO</p>
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5. INSTALL FRONT BUMPER ASSEMBLY

Click here [INFO](#)

6. FRONT SIDE RADAR ECU DATA WRITE

	<p>NOTICE:</p> <p>Front side radar ECU data write can only be performed when the beam axis adjustment value is able to be saved to the GTS.</p>
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[Click here](#) **INFO**

7. ECU CONFIGURATION

[Click here](#) **INFO**

8. PERFORM FRONT SIDE RADAR BEAM AXIS CONFIRMATION

**NOTICE:**

When front side radar ECU data write can be performed, it is possible to omit the front side radar beam axis confirmation.

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

HINT:

Front side radar 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**

9. PERFORM DIAGNOSTIC SYSTEM CHECK

