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Model Year Start: 2024	Model: Land Cruiser	Prod Date Range: [02/2024 -]
Title: EXTERIOR PANELS / TRIM: FRONT BUMPER: INSTALLATION; 2024 MY Land Cruiser [02/2024 -]		

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.
 - Target Adjustment (Triangle Target):
 - Click here [INFO](#)
 - Target Adjustment (Flat Surface Target):
 - Click here [INFO](#)
 - Driving Adjustment:
 - Click here [INFO](#)
- If the bumper is damaged, there is a possibility that the installation area of the front side radar sensor may be deformed and the front side radar sensor system may not operate correctly, so visually inspect the front side radar sensor installation area (headlight, frame, bracket, stud bolt) to make sure it is not dented or bent.
- If a problem is found during the visual inspection, check the installation condition of the front side radar sensor, and adjust the installation position of the front side radar sensor as necessary.
 - Target Adjustment (Triangle Target):
 - Click here [INFO](#)
 - Driving Adjustment:
 - Click here [INFO](#)
- 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 ultrasonic sensor detection angle measurement.
 - Click here [INFO](#)

CAUTION / NOTICE / HINT

COMPONENTS (INSTALLATION)

*A	w/ Panoramic View Monitor System	*B	w/ Fog Light
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

PROCEDURE

1. INSTALL FRONT BUMPER ASSEMBLY

Torque:

Bolt :

7.5 N·m {76 kgf·cm, 66 in·lbf}

2. INSTALL FRONT FENDER MOULDING SUB-ASSEMBLY LH

Click here 

3. INSTALL FRONT FENDER MOULDING SUB-ASSEMBLY RH

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

4. INSTALL FRONT BUMPER GUARD BASE COVER

Torque:

7.5 N·m {76 kgf·cm, 66 in·lbf}

5. INSTALL FRONT SPOILER NO. 1 BRACKET LH

6. INSTALL FRONT SPOILER NO. 1 BRACKET RH

7. INSTALL UPPER RADIATOR SUPPORT SEAL

8. ADJUST PERFORM CALIBRATION (w/ Panoramic View Monitor System)

Click here 

9. ADJUST FOG LIGHT AIMING (w/ Fog Light)

HINT:

Perform the following procedure only when removed of the fog light assembly.

Click here 

10. PERFORM SYSTEM INITIALIZATION

Click here 

