

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



Subject: REAR ULTRASONIC SENSOR RUBBER SEAL(S) MISSING OR DAMAGED	Bulletin No.: 09-037/20
	Last Issued: 12/01/2020

APPLICABLE MODEL(S)/VINS

2020 CX-30 vehicles with parking sensor system with VINs lower than 3MVDM*****137194 (produced before Mar. 25, 2020)

DESCRIPTION

Some vehicles may have a rear ultrasonic sensor rubber seal that is either missing, deformed or comes off when wiping down the rear bumper.



- (1) Rear ultrasonic sensor No. 1
- (2) Rear ultrasonic sensor No. 2



Rear ultrasonic sensor rubber seal is missing.

This concern is caused by the ultrasonic sensor sticking out too far from the rear bumper (as shown below). To eliminate this concern, the shape of No.1 and No. 2 ultrasonic sensor brackets have been modified.

Page 1 of 3

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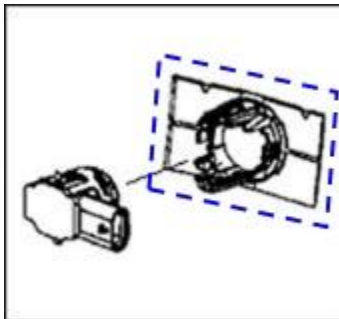
Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify the customer concern.

NOTE: Replace rubber seal(s) if they are lost or damaged.

2. Remove the No.1 and/or No.2 ultrasonic sensor bracket(s) according to MGSS online (REAR ULTRASONIC SENSOR REMOVAL/INSTALLATION).



3. Degrease and clean the surface of the rear bumper where the brackets will be mounted.

4. Confirm the mounting position of the brackets.

NOTE:

- Position each bracket using locator holes on the rear bumper.
- Position each bracket within the scribed line area to match the position and the angle.

5. Peel off the bracket from the release paper and mount it onto the rear bumper.

6. Press the bracket firmly onto the rear bumper.

7. Replace the No.1 and/or No.2 ultrasonic sensor bracket(s) with modified ones according to MGSS online (REAR ULTRASONIC SENSOR REMOVAL/INSTALLATION).

8. **With BSM Only:** Perform the rear side radar sensor aiming according to MGSS online (FRONT SIDE/REAR SIDE RADAR SENSOR AIMING).

9. Verify the repair.

Page 2 of 3

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PARTS INFORMATION

Parts Number	Description	Qty.	Notes
DFS8-67-UC5	Retainer	1	No. 1 ultrasonic sensor bracket
DFS9-67-UC5	Retainer	1	No. 2 ultrasonic sensor bracket
BOJ8-67-UC1**	Ultrasonic Sensor	1 or 2	Only if rubber seal(s) are lost or damaged

WARRANTY INFORMATION**NOTE:**

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
 - This repair will be covered under Mazda's New Vehicle Limited Warranty term.
 - Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	89
Damage Code	99
Part Number Main Cause	DFS8-67-UC5
Quantity	1
Operation Number / Labor Hours:	XXS4SARX / 0.9 Hrs. (without BSM) XXS4SBRX / 1.2 Hrs. (with BSM)

NOTE: Claim DFS9-67-UC5 and ultrasonic sensor(s) as related parts.

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