

Subject: BSM WARNING LIGHT ON EVEN WHEN NO VEHICLE IS BEHIND	Bulletin No.: 15-001/26
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BULLETIN NOTES

APPLICABLE MODEL(S)/VINS

2025-2026 CX-70 with VINS lower than JM3KJ*****200974 (produced before October 11, 2025)

DESCRIPTION

Some customers may experience that the BSM (Blind Spot Monitoring) warning light remains on while driving, even though no vehicle is present behind. This may be caused by electrical noise in the BSM control module power supply and vibration noise from the rear bumper that falsely detects a vehicle behind.

To eliminate this concern, the control software of the BSM has been modified to prevent the influence of noise. Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify the customer concern.

NOTE: This issue may have two causes: the BSM software not at the latest version and the BSM insufficiently fastened. The issue may occur due to either one or both. Therefore, it is necessary to strictly follow the procedure outlined below.

2. Reprogram ECU with the Mazda Modular Diagnostic System (M-MDS), using Mazda Diagnostic and Repair Software (MDARS). Refer to MDARS ECU Reprogramming Procedure.

3. Remove the rear bumper according to the instructions in MGSS (REAR BUMPER REMOVAL/INSTALLATION).

4. Refer to the attached video "Check the BSM fastening" to check for the acceptable amount of fastening.

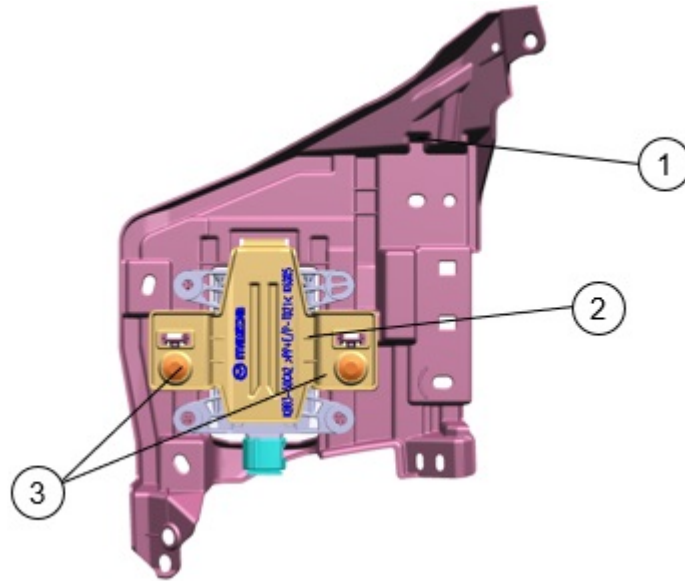


5. Compare the fastening condition of the side radar unit mounting with the reference video (shows the acceptable level).

- If the fastening condition matches the level shown in the video, the repair is complete.
- If the fastening exceeds that shown in the video (1 mm or more), the fastening is not acceptable; proceed to the next step.

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6. Replace the bracket, retainer, and rivet as necessary, then perform aiming adjustment in according to the instructions in MGSS (REAR SIDE RADAR SENSOR AIMING) after installing the rear bumper.



- (1) Bracket
- (2) Retainer
- (3) Rivet

7. Verify the repair.

CALIBRATION

ECU	File Name (Old)	File Name (New)	Actual time to reprogram
FSRL/FSRR RSRL/RSRR	KR9P-67YK2-N or before	KR9P-67YK2-P or later	4 min.

NOTE: This TSB is applicable for vehicles using the above calibration files.

PARTS INFORMATION

Parts Number	Description	Qty.	Notes
KR9D-50-2D1	Brkt (R), RR Radar	1	For the side with issue only
KR9D-50-2E1	Brkt (L), RR Radar	1	For the side with issue only
KBB3-50-CA2	Retainer, Radar	2	For the side with issue only
KBB4-50-355	Rivet	4	For the side with issue only

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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	64
Damage Code	9W
Part Number Main Cause	5555-67-Y30
Quantity	0
Operation Number / Labor Hours:	XXX4GARX / 1.7 Hrs Reprogramming and Radar Bracket inspection or replacement (One Side or Both Sides)

NOTE: Claim the parts other than "Causal Parts No." as related parts, if required.

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