

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



Subject: UNEXPECTED SMART BRAKE SUPPORT (SBS-R) OPERATION WHILE BACKING UP	Bulletin No.: 15-001/21
	Last Issued : 04/02/2021

APPLICABLE MODEL(S)/VINS

2020-2021 CX-30 vehicles with SBS-R with VINs lower than 3MVDM*****231437 (produced before Nov. 14, 2020)

2019-2021 Mazda3 (Japan built) vehicles with SBS-R with VINs lower than JM1BP*****300047 (produced before Jun. 17, 2020)

2019-2021 Mazda3 (Mexico built) vehicles with SBS-R with VINs lower than 3MZBP*****208787 (produced before Nov. 14, 2020)

DESCRIPTION

Some customers may notice an unexpected collision warning or automatic braking while reversing. This concern may be due to the parking assist unit software. The Smart Brake Support (SBS-R) system may be detecting an unintended obstruction at the lower rear end of the vehicle. To eliminate this concern, the parking assist unit control software has been modified.

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

REPAIR PROCEDURE

1. Verify the customer concern.
2. Reprogram the **PAU** with Mazda Modular Diagnostic System (M-MDS) using Mazda Diagnostic And Repair Software (MDARS) according to MDARS ECU REPROGRAMMING PROCEDURE.
3. Verify the repair.

CALIBRATION

File Name	Note
B0J8-67UK2-F	With front ultrasonic sensors
B0J9-67UK2-F	Without front ultrasonic sensors

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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-UU0
Quantity	0
Operation Number / Labor Hours:	XXT35XFX / 0.3 Hrs.

NOTE: After reprogramming, be sure to keep a screen shot of the ECU FILENAME on M-MDS along with the repair order and warranty application sheet.

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