

# Technical Service Bulletin

Mazda North American Operations  
Irvine, CA 92618-2922



<b>Subject:</b>  UPDATED SOFTWARE RELEASE FOR MRCC OPERATION	<b>Bulletin No.:</b> 15-002/24
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## BULLETIN NOTES

**NOTE:** CSSU regulation compliance: This Service Information provides the software modification and the software information according to United Nations Regulation on Cybersecurity (CS) and Software Updates (SU).

## APPLICABLE MODEL(S)/VINS

- 2024 Mazda3 (Japan built) vehicles with VINs lower than JM1 BP\*\*\*\* \*\* 707902 (Produced before Nov. 17, 2023)
- 2024 Mazda3 (Mexico built) vehicles with VINs lower than 3MZ BP\*\*\*\* \*\* 405737 (Produced before Oct. 26, 2023)
- 2024 CX-30 (Mexico built) vehicles with VINs lower than 3MV DM\*\*\*\* \*\* 621839 (Produced before Oct. 26, 2023)

## DESCRIPTION

Some vehicles may experience the vehicle speed decreasing unintentionally while using MAZDA Radar Cruise Control (MRCC). This may occur when a vehicle in the adjacent lane is misidentified as being in its own lane, and the MRCC controls decelerate accordingly.

This concern is caused by improper control software of the Vehicle Control Module (VCM). To eliminate this concern, the VCM control software has been modified.

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

## REPAIR PROCEDURE

1. Verify customer concern.
2. Reprogram the Vehicle Control Module (VCM) using the Mazda Diagnostic And Repair Software (MDARS). Refer to MDARS ECU Reprogramming Procedure.

**NOTE:** Be sure to submit ODR data as it is a required item and will be checked during warranty claim submission. Instructions can be found under M-MDS -> MDARS Uploading ODR Data.

**NOTE:**

**CONSUMER NOTICE:** The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/ equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical--including photocopying and recording and the use of any kind of information storage and retrieval system ---without permission in writing.

- If current calibration file name in the ECU FILENAME screen is the same as shown in Calibration Files Information or with later suffix, reprogramming is not necessary.
- This procedure explains a generic reprogramming for all Electrical Control Units.
- Be aware that some sentences & screen shots mention certain control unit such as "PCM" or "BCM" as an example. However, please just follow the procedure on reprogramming for all Electrical Control Units.

After reprogramming, pending DTC P2610:00 [PCM] will be stored without the Check Engine Light ON. Start the engine and clear the DTC.

1. Clear any other DTC.
2. Verify the repair by starting the hybrid system and confirming there is no MIL illumination or abnormal warning lights present.

**NOTE:**

- Do not start the engine with connected 12V battery charger because the power supply from the DCDC converter and the power supply from the 12V battery charger may interfere then warning light comes up and DTCs are stored.
- If any DTCs should remain after deleting DTC, diagnose the DTCs according to the appropriate Troubleshooting section of the Workshop Manual.

3. Verify the repair.

## CALIBRATION

### Mazda3:

Spec.	File Name (New)	File Name (Old)	Reprogramming Time
US (Japan Built)	BJFN-66S01-D	BJFN-66S01-C	3 minutes
	BJFS-66S01-D	BJFS-66S01-C	
US (Mexico Built)	BJGT-66S01-C	BJGT-66S01-B	

### CX-30:

Spec.	File Name (New)	File Name (Old)	Reprogramming Time
US (Mexico Built)	DNBJ-66S01-C	DNBJ-66S01-B	3 minutes

## WARRANTY INFORMATION

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- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- Additional diagnostic time cannot be claimed for this repair.
- This repair will be covered under the following warranty:

**USA:**

- VCM reprogramming: California Emission Warranty (Short term)
- GHG Emissions Regulation Remote Power Window Operation Defect Warranty

**Canada:**

- GHG Emissions Regulation Remote Power Window Operation Defect Warranty

Warranty Type	A
Symptom Code	64
Damage Code	9W
Causal Part No.	5555-67-560
Quantity	0
Operation No. and Labor Hours	XXWH2XFX / 0.3 Hrs.

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