

Subject: FREQUENT LOW BATTERY WARNING MESSAGE	Bulletin No.: 09-010/22
	Last Issued : 03/11/2022

BULLETIN NOTES

APPLICABLE MODEL(S)/VINS

2021 Mazda3 (Japan built) with VINS lower than JM1BP*****404073 (produced before November 1, 2021)

2021 Mazda3 (Mexico built) with VINS from 3MZBP*****208052 to 217291 (produced from October 27, 2020 to September 28, 2021)

2021 Mazda3 (Mexico built) with VINS from 3MZBP*****250001 to 251172 (produced from July 1, 2021 to August 19, 2021)

2021 CX-30 with VINS from 3MVDM*****223608 to 276106 (produced from October 27, 2020 to September 28, 2021)

2021 CX-30 with VINS from 3MVDM*****300001 to 320220 (produced from July 1, 2021 to December 9, 2021)

DESCRIPTION

Some customers may complain about frequent low battery warning message appearing in the instrument cluster. The warning message appears when the power saving mode is activated to avoid a drained battery.

Depending on the customer usage, the warning message may appear more frequently due to the condition for the power saving mode to be activated sooner and to be deactivated later.

To eliminate this concern, the control software of the BCM has been modified to change the condition for the power saving mode to be activated and deactivated.

- Activation of the power saving mode: The accumulated time 30 minutes has been extended to 90 minutes.
- Deactivation of the power saving mode: Driving or engine running for 5 minutes has been shortened to 3 seconds.

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

REPAIR PROCEDURE

1. Verify the customer concern.
2. Reprogram the BCM with the Mazda Modular Diagnostic System (M-MDS), using the Mazda Diagnostic And Repair Software (MDARS). Refer to MDARS ECU Reprogramming Procedure.
 - If the current calibration file name in the ECU FILENAME screen is the same as shown in the Calibration Files Information or with a later suffix, reprogramming is not necessary.
 - After the reprogramming, pending DTC P2610:00 [PCM] may be stored without the CHECK ENGINE light ON. Since this DTC may turn to a current DTC depending on operations after the reprogramming, clear DTC after all repair work done.
3. Clear the DTC, turn the ignition off, and get out of the vehicle.
4. Close and lock the door.

Page 1 of 3

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.

5. Wait for at least ten minutes.

6. Verify the repair by starting the engine and verifying that the CHECK ENGINE light is OFF or any abnormal warning lights are ON.

NOTE: If any DTCs remain after deleting DTCs, diagnose the DTCs according to the appropriate troubleshooting on MGSS.

CALIBRATION

US spec.

Japan built

Model	MY	VIN			File Name (BCM_MAIN)	File Name (BCM_SUB)
			from	to		
Mazda3 4SD	2021	JM1BP*****	318106	399999	BFVV-66S02-F	DGAS-66S03-
		JM1BP*****	400001	404072	BGMC-66S02-B	B1L4-66S03-A
Mazda3 5HB	2021	JM1BP*****	318106	399999	BFWP-66S02-F	DGAS-66S03-
		JM1BP*****	400001	404072	BGMJ-66S02-B	B1L4-66S03-A

Mexico built

Model	MY	VIN			File Name (BCM_MAIN)	File Name (BCM_SUB)
			from	to		
Mazda3 4SD	2021	3MZBP*****	208052	217291	BGBL-66S02-F	DGAS-66S03-
		3MZBP*****	250001	251172	BGMR-66S02-B	B1L4-66S03-A
CX-30	2021	3MVDM*****	223608	276106	DEJW-66S02-F	DGAS-66S03-
		3MVDM*****	300001	320220	DHTV-66S02-B	B1L4-66S03-A

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.

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 or CA Emission Warranty (long term).
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	64
Damage Code	9W
Part Number Main Cause	5555-67-560
Quantity	0
Operation Number / Labor Hours:	XXW1BFX / 0.3 Hrs.

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.