

Service Alert

Mazda North American Operations
Irvine, CA 92618-2922

**Subject:**

DO NOT UPDATE BCM WITH MDARS ON MX-30 AND SOME MAZDA3 VEHICLES

Service Alert No.: SA-003/22

Last Issued : 03/04/2022

BULLETIN NOTES

This service alert supersedes the previously issued service alert listed below. The changes are noted in Red text.

Previous SAs:	Date(s) Issued:
SA-003/22	02/09/22, 02/04/22 and 01/21/22

APPLICABLE MODEL(S)/VINS

2019-2021 Mazda3

2020-2021 CX-30

2022 MX-30

DESCRIPTION

Mazda3, CX-30	Prior to February 8, 2022, some vehicles may store DTC U0300:57 (Body control module (BCM) internal malfunction) and cannot be erased after a BCM replacement or MDARS BCM software update (NOT with BCM update for SSPC5 or 4621B using MDRT). This is caused by a BCM-VCM software error. Customers having this concern should have their vehicle repaired using the following repair procedure.
MX-30	Some MX-30 vehicles may store DTC U0300:57 (Body control module (BCM) internal malfunction) and cannot be erased after a BCM replacement or MDARS BCM software update. This is caused by a BCM-VCM software error. Mazda is aware of the issue and is working on a resolution. If there is an issue with this concern, Mazda recommends putting customer in a loaner vehicle at this time. • DO NOT perform BCM software update with MDARS until further notice. • This SA will be updated with the newest repair information as it becomes available.

REPAIR PROCEDURE

1. Verify concern (DTC U0300:57 stored and cannot be erased after a BCM replacement or MDARS BCM software update before February 8, 2022).
2. Perform MDARS BCM software update (except MX-30).

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MDARS BCM Software Update

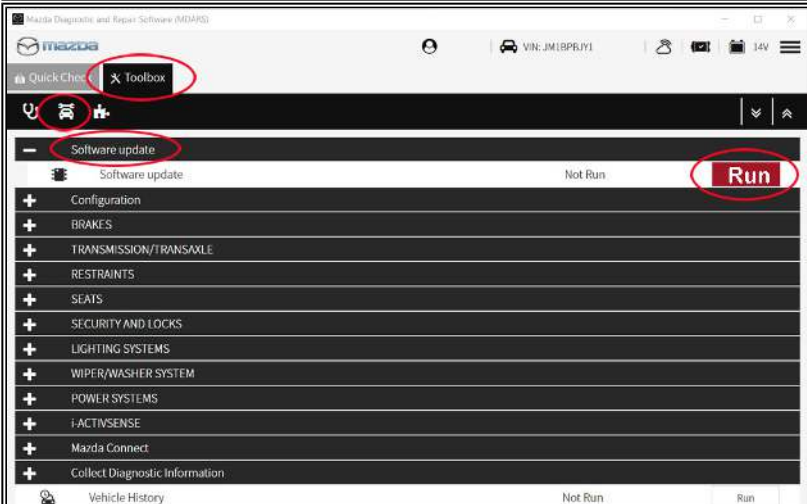
a. Set the DCA8000 to "Reflash" (PCM/module reflash) or "Manual Charge" (all other service).

NOTE:

- For Manual Mode, set Charge Value to "14.50 V" and Time Type to "CONTINUOUS".
- For additional information go to [SA-034/21](#).

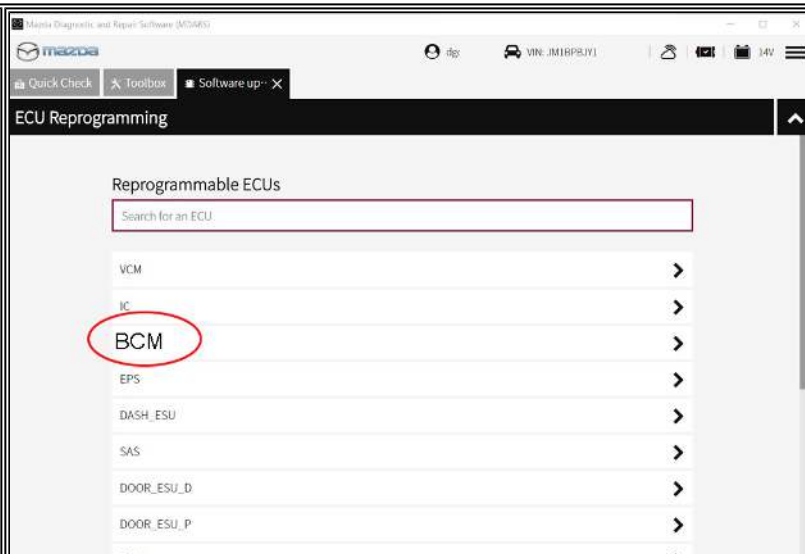


- b. Select Toolbox.
c. Select Wrench mark icon.
d. Select Software Update.
e. Select Run.



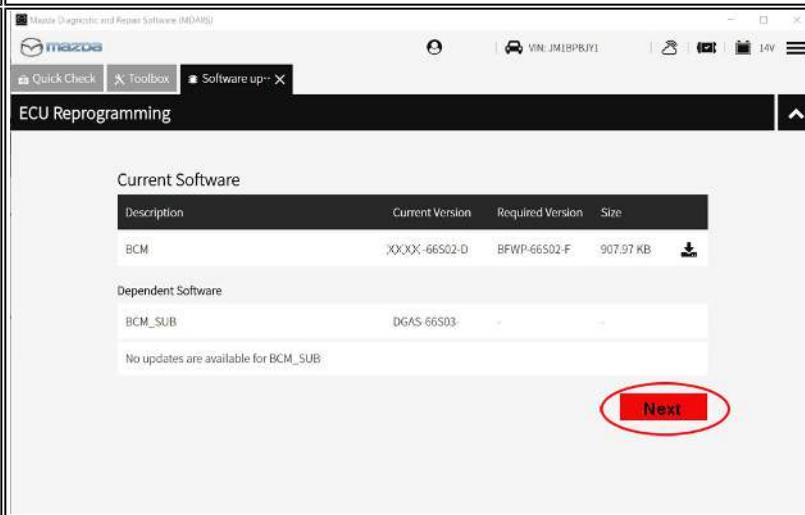
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f. Select BCM.



g. CX-30 only: Select "Next".

CAUTION: For Mazda3: Go to step h. DO NOT select "NEXT" until reading all of step h. If you select "NEXT" without reading all of step h, the vehicle will store a DTC that cannot be erased and the customer will have to be put in a loaner vehicle until a fix is available.

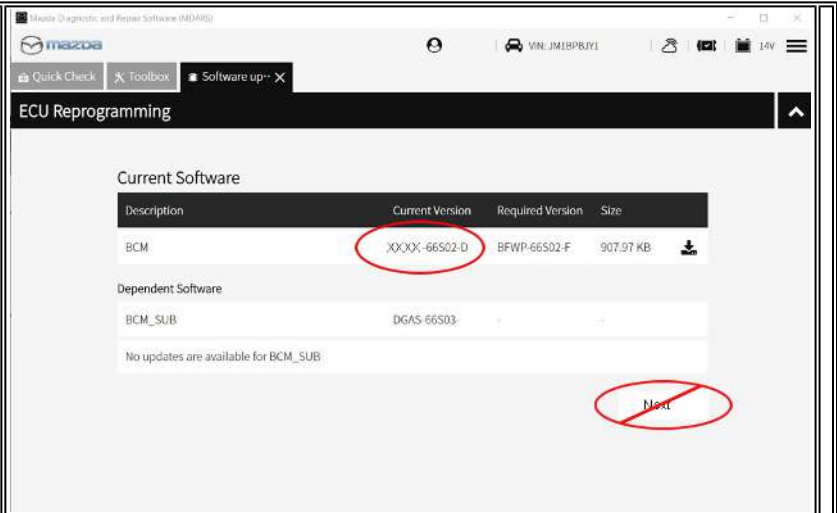


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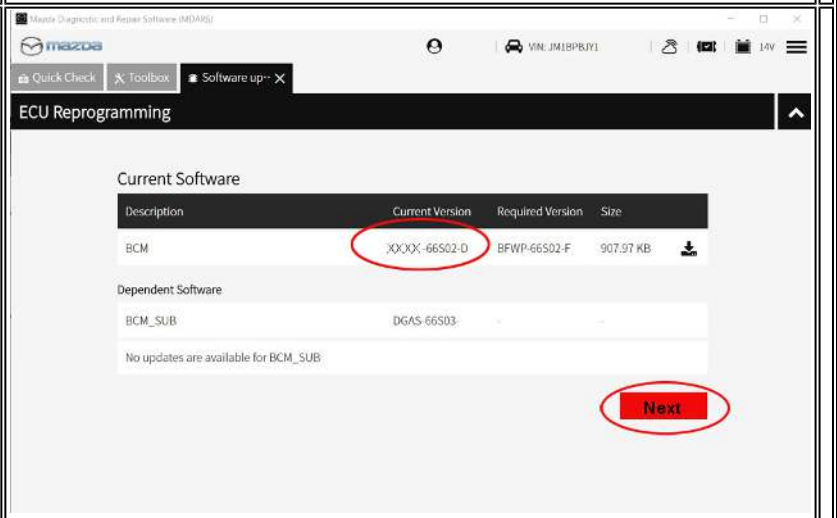
h. Mazda3 only: Check MDARS Current Version.

- If Current Version is one of the following, **DO NOT** Select "Next". Go to step i.
 - BFVV-66S02
 - BFWP-66S02
 - BGBL-66S02

NOTE: If you select "NEXT" with one of these Current Versions, the vehicle will store a DTC that cannot be erased and the customer will have to be put in a loaner vehicle until a fix is available.



- If Current Version is one of the following, select "Next".
 - BGMC-66S02
 - BGMJ-66S02
 - BGMR-66S02



i. (Mazda3 only)

- DO NOT perform BCM software update with MDARS until further notice.
- This SA will be updated with the newest repair information as it becomes available.

3. Verify repair.

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CALIBRATION**Japan built**

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

Mexico built

Model	Year	VIN			File Name (BCM_MAIN)	File Name (BCM_SUB)	Note
			from	to			
Mazda3 4SD	2021	3MZBP*****	208052	217294	BGBL-66S02-F	DGAS-66S03-	Repair pending
		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	

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