

Subject: POWER LIFTGATE MAY OPEN UNINTENTIONALLY WHILE VEHICLE IS PARKED / STOPPED	Bulletin No.: 09-033/24
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BULLETIN NOTES

APPLICABLE MODEL(S)/VINS

2020-2023 CX-30 (Mexico built with Power Liftgate) vehicles with VINs lower than 3MVDM**** ** 586592 (Produced before Aug. 22, 2023)

DESCRIPTION

Some customers may complain that the power liftgate may open unintentionally while the vehicle is stopped or parked. This may be caused when the power liftgate button on the remote transmitter is pressed unintentionally when in a pocket, purse or bag, etc.

To eliminate this concern, the Body Control Module (BCM) control software has been modified to optimize the operation parameters for the power liftgate button.

NOTE: The operation itself is the same as before (hold the power liftgate button to open).

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

REPAIR PROCEDURE

1. Verify the customer concern.

NOTE: 2021 CX-30 vehicles with VINs between 3MVDM**** ** 305401 to 399999 with old file name DHTW-66S02 must have the BCM replaced before reprogramming.

Replace the BCM with a new part according to the instructions on MGSS: BODY CONTROL MODULE (BCM) REMOVAL/INSTALLATION [(US)].

2. Reprogram the **BCM** with the Mazda Modular Diagnostic System (M-MDS), using 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

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submission. Instructions can be found under M-MDS -> MDARS Uploading ODR Data.

NOTE:

- Reprogramming is not necessary if current calibration file name in the ECU FILENAME screen is the same as shown in Calibration Files Information or with later suffix.
- The parameter "Battery State of Charge (SOC)" is reset during PCM reprogramming procedure.
- Since the SOC value is necessary when performing "Battery condition initialization setting" after PCM reprogramming to decide whether battery charging is necessary or not, measure and record the PID "BATT_SOC" first by using M-MDS Data logger function before reprogramming the PCM.
- After the reprogramming, pending DTC P2610:00 [PCM] may be stored without MIL illumination. Since this DTC may turn to a current DTC depending on operations after the reprogramming, clear DTC after all repair work is done.

3. After PCM reprogramming, conduct the battery condition initial setting (i-stop setting) according to the instructions in MGSS (BATTERY CONDITION INITIALIZATION SETTING (i-stop SETTING)).

4. Clear the DTC and turn the ignition off and get out of the car.

5. Close and lock the door then wait ten minutes or more.

6. Verify the repair by starting the engine and confirming there is no CHECK ENGINE light ON or abnormal warning lights present.

NOTE: If any DTCs should remain after deleting DTC, diagnose the DTCs according to the appropriate Troubleshooting section on MGSS.

CALIBRATION

NOTE: Depending on the old file name, the BCM may need to be replaced with a new one before reprogramming. Refer to the table below to show the affected VIN range and file name for BCM replacement.

Model Year		VIN		File Name (BCM_MAIN)		Notes
		from	to	Old	New	
2020	3MVDM*****	100001	199999	DGH9-66S02-L	DGH9-66S02-M	---
2021	3MVDM*****	200001	299999	DEJW-66S02-F	DEJW-66S02-G	---
2021	3MVDM*****	300001	305400	DHTV-66S02-B	DHTV-66S02-C	---
2021	3MVDM*****	305401	399999	DHTW-66S02-	DHTV-66S02-C	Replace BCM before reprogramming

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2022	3MVDM*****	400001	499999	DHSW-66S02-B	DHSW-66S02-C	---
2023	3MVDM*****	500001	599999	DLLM-66S02-A	DLLM-66S02-B	---

PARTS INFORMATION

Parts Number	Description	Qty.	Notes
BCYA-67-560K	UNIT, CONTROL-BCM	1	Only if BCM replacement is required

WARRANTY INFORMATION

NOTE:

- 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:

- BCM reprogramming: California Emission Warranty (Short term)
- BCM replacement and reprogramming: California Emission Warranty (Long term)

USA/Canada:

- 2022-CX-30: 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	BCM reprogramming only	XXWHEAFX / 0.3 Hrs.
	BCM replacement and reprogramming [without i-stop]	XXWHEAFX / 0.3 Hrs.
	BCM replacement and reprogramming [with i-stop]	XXWHEBFX / 0.4 Hrs.

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NOTE: If BCM has been replaced, claim it as a related part.

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