

<b>Subject:</b>  <b>STALLING UNDER HARD ACCELERATION FROM A STOP</b>	<b>Bulletin No.: 01-017/22</b>
	<b>Last Issued : 12/19/2022</b>

## BULLETIN NOTES

### APPLICABLE MODEL(S)/VINS:

2019-2022 Mazda3 (Japan built without turbo) with VINS lower than JM1BP\*\*\*\*\*517622 (produced before March 12, 2022)

2019-2022 Mazda3 (Mexico built without turbo) with VINS lower than 3MZBP\*\*\*\*\*303911 (produced before March 24, 2022)

2020-2022 CX-30 (without turbo) with VINS lower than 3MVDM\*\*\*\*\*421009 (produced before March 29, 2022)

## DESCRIPTION

Some vehicles may experience an engine stall when hard accelerating from a stop (often difficult to reproduce on a test drive), no codes are stored and the vehicle easily restarts with no other drivability concerns. This is only caused in certain situations by the torque reduction calibration in the PCM software. To correct this issue, the control software of the PCM has been modified to optimize the torque reduction feature.

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

## REPAIR PROCEDURE

1. Verify the customer concern.
2. Reprogram the PCM with the Mazda Modular Diagnostic System (M-MDS), using the Mazda Diagnostic And Repair Software (MDARS). Refer to MDARS ECU Reprogramming Procedure.

### NOTE:

- 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. Be sure to clear DTCs after all repair work is done.
- If DTC U2120:00 or/and U2500:82 are stored and i-ACTIVSENSE warning light (amber) turns on after the reprogramming, refer to SA-043/20.

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3. Clear the DTC and turn the ignition off and get out of the car.
4. Close and lock the door then wait for ten minutes or more.
5. Verify the repair by starting the engine and confirming there is no check engine light or any abnormal warning lights present.

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

## CALIBRATION

### 2019-2022 Mazda3 (Japan built)

Model Year	Engine	Drive	File Name	Note
2019-2021 Mazda3 (Japan built)	2.5L (w/cylinder deactivation)	2WD	PX05-188K2-S	Mitsubishi
			PX06-188K2-S	Denso
		4WD	PX07-188K2-U	Mitsubishi
			PX08-188K2-U	Denso
	2.5L	2WD	PXJ7-188K2-H	Mitsubishi
			PXJ8-188K2-J	Denso
		4WD	PX4V-188K2-E	Mitsubishi
			PX4W-188K2-E	Denso
	2.0L	2WD	PAH9-188K2-N	Mitsubishi
			PAJ1-188K2-P	Denso
2022 Mazda3 (Japan built)	2.5L	2WD	PXHB-188K2-C	Mitsubishi
			PXHC-188K2-C	Denso
		4WD	PXHD-188K2-C	Mitsubishi
			PXHE-188K2-C	Denso
	2.0L	2WD	PGR1-188K2-C	Mitsubishi
			PGR2-188K2-C	Denso

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**2019-2022 Mazda3 (Mexico built)**

Model Year	Engine	Drive	File Name	Note
2019-2021 Mazda3 (Mexico built)	2.5 (w/cylinder deactivation)	2WD	PX13-188K2-L	Mitsubishi
			PX14-188K2-L	Denso
		4WD	PX15-188K2-L	Mitsubishi
			PX16-188K2-L	Denso
	2.5	2WD	PXK5-188K2-G	Mitsubishi
			PXK6-188K2-H	Denso
		4WD	PX6R-188K2-E	Mitsubishi
			PX6S-188K2-E	Denso
	2.0	2WD	PAJ8-188K2-J	Mitsubishi
			PAJ9-188K2-K	Denso
2022 Mazda3 (Mexico built)	2.5	2WD	PXJD-188K2-B	Mitsubishi
			PXJE-188K2-B	Denso
		4WD	PXJF-188K2-B	Mitsubishi
			PXJG-188K2-B	Denso
	2.0	2WD	PG1R-188K2-B	Mitsubishi
			PG1S-188K2-B	Denso

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**2020-2022 CX-30**

Model	Engine	Drive	File Name	Note
2020-2021 CX-30	2.5 (w/cylinder deactivation)	2WD	PXH7-188K2-J	Mitsubishi
			PXH8-188K2-J	Denso
		4WD	PXJ9-188K2-J	Mitsubishi
			PXK1-188K2-J	Denso
	2.5	2WD	PXM1-188K2-H	Mitsubishi
			PXL4-188K2-H	Denso
		4WD	PXM2-188K2-H	Mitsubishi
			PXL5-188K2-H	Denso
	2.0	2WD	PA6W-188K2-H	Mitsubishi
			PA6X-188K2-H	Denso
		4WD	PA7G-188K2-H	Mitsubishi
			PA7H-188K2-H	Denso
2022 CX-30	2.5	4WD	PXKH-188K2-B	Mitsubishi
			PXKJ-188K2-B	Denso
	2.0	4WD	PG3A-188K2-B	Mitsubishi
			PG3B-188K2-B	Denso

**WARRANTY INFORMATION****NOTE:**

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Federal Emissions Warranty for 8 years/80K miles.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	64
Damage Code	9W
Part Number Main Cause	5555-18-881
Quantity	0
Operation Number / Labor Hours:	XXW93XFX / 0.3 Hrs.

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