

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



Subject: LACK OF POWER WHEN ACCELERATING IN COLD TEMPERATURES	Bulletin No.: 01-016/21
	Last Issued : 12/17/2021

BULLETIN NOTES

APPLICABLE MODEL(S)/VINS

2019-2020 CX-5 (2.5T 4WD) with VINs lower than JM3KF*****868756 (produced before Aug. 17, 2020)
2021 CX-5 (2.5T 4WD)

DESCRIPTION

Some customers may complain about lack of power when accelerating in cold temperatures (below 0 degrees F). To avoid slippage, engine power is restricted in cold temperatures, even when the road condition is not slippery.

To eliminate this concern, the PCM and TCM control software has been modified to restrict engine power only when tire slippage is detected between the front and rear wheels in cold temperatures.

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

REPAIR PROCEDURE

1. Verify customer concern.
2. Reprogram the PCM with Mazda Modular Diagnostic System (M-MDS) using IDS **124.02** or later software. Refer to IDS Reprogramming Procedure.
3. Verify the repair.

CALIBRATION

ECU	File Name	Note
PCM	PX38-188K2-D	2019 CX-5
	PX2K-188K2-C	2020-2021 CX-5
TCM	PX39-21PS1-E	2019-2021 CX-5

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 Fed. Emission Warranty, Calif. Emission Warranty (short term).
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	14
Damage Code	9W
Part Number Main Cause	5555-RP-PCM
Quantity	0
Operation Number / Labor Hours:	XXT89XFX / 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.