

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



Subject: CHECK ENGINE LIGHT ON WITH DTC P0089:00	Bulletin No.: 01-007/21
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BULLETIN NOTES

APPLICABLE MODEL(S)/VINS

2020-2021 Mazda2 (Mexico spec) with VINS lower than 3MDDJ*****406997 (produced before January 15, 2021)

DESCRIPTION

Some customers may experience the CHECK ENGINE light ON with DTC P0089:00 (Spill valve control solenoid valve control circuit range/performance problem) stored. This is caused by improper control software of the PCM detecting a false error, even with normal fuel pressure operation. To correct this issue, the control software of the PCM has been modified.

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 **121.01** or later software. Refer to IDS Reprogramming Procedure.
3. Verify the repair.

CALIBRATION

Transmission	File Name
M/T	P526-188K2-E
A/T	P527-188K2-B

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.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	6X
Damage Code	9W
Part Number Main Cause	5555-RP-PCM
Quantity	0
Operation Number / Labor Hours:	XXT2DXFX / 0.3 Hrs.

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