

Subject: POOR RESPONSE OF PARKING SENSOR	Bulletin No.: 09-026/25
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BULLETIN NOTES

APPLICABLE MODEL(S)/VINS

2022-2024 MX-30 vehicles with VINs lower than JM1 DR**** ** 200939 (Produced before Apr. 19, 2024)

DESCRIPTION

Some customers may complain that the parking sensor alarm fails to sound until the vehicle is extremely close to an obstacle. This is due to improper PAU (Parking Assist Unit) control software. To eliminate this concern, the PAU control software has been modified.

REPAIR PROCEDURE

1. Verify the customer concern.
2. Reprogram the Parking Assist Unit (PAU) 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 Diagnostic Information (ODR) data as it is a required item and will be checked during warranty claim submission. Instructions can be found under M-MDS -> MDARS (Uploading Diagnostic Information (ODR) Data).

3. Clear any other DTCs.
4. Verify the repair by starting the engine (READY ON) and confirming there is no CHECK ENGINE light ON or abnormal warning lights present.

Explanation to Customer Regarding Avg. Fuel Economy:

Any ECU reprogramming resets the BCM's average fuel economy (remaining mileage). Therefore, the remaining mileage may change when the customer drives the vehicle after reprogramming. After learning the customer's average fuel consumption (calculated over several drives), the remaining mileage will be correctly displayed.

CALIBRATION

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.

ECU	File Name (Old)	File Name (New)	Actual Reprogramming Time
PAU	N463-67UK2-B	N463-67UK2-C	6 min.
	DN4J-67UK2-A	DN4J-67UK2-B	
	DN4K-67UK2-A	DN4K-67UK2-B	

NOTE: This Service Information is only applicable for vehicles using the above calibration files.

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	64
Damage Code	9W
Causal Part No.	5555-67-UU0
Quantity	0
Operation No. and Labor Hours	XXX2EXFX / 0.3 Hrs.

After the reprogramming, be sure to keep the copy of the screen of the ECU FILENAME on M-MDS along with the repair order and warranty application sheet.

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