

# Technical Service Bulletin

Mazda North American Operations  
Irvine, CA 92618-2922



<b>Subject:</b>  KEY-IN LOCK OCCURS DUE TO SPEED-SENSITIVE DOOR LOCK ACTIVATION WHILE IDLING IN P-RANGE	<b>Bulletin No.:</b> 09-003/26
	<b>Last Issued :</b> 01/12/2026

## BULLETIN NOTES

### APPLICABLE MODEL(S)/VINS

2024-2026 CX-90 with VINS lower than JM3KK\*\*\*\*\*365869 (produced before November 8,2025)

2025-2026 CX-70 with VINS lower than JM3KJ\*\*\*\*\*350020 (produced before November 8,2025)

## DESCRIPTION

Some vehicles may exhibit a key-in lock situation when the speed-sensitive door lock activates unexpectedly while idling in the P-range. This may be caused by the noise generated by the Anti-lock Braking System (ABS) wheel speed sensor being mistakenly recognized as a vehicle speed pulse. To eliminate this concern, the IC chip in the ABS wheel speed sensor has been modified.

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

## REPAIR PROCEDURE

1. Verify the customer concern.
2. Replace the ABS wheel speed sensors (contained in HARNESS, EPB) on both sides of the rear wheels according to the procedure in MGSS.
  - CX-90 (REAR ABS WHEEL-SPEED SENSOR REMOVAL/INSTALLATION)
  - CX-70 (REAR ABS WHEEL-SPEED SENSOR REMOVAL/INSTALLATION)
3. Verify the repair.

## PARTS INFORMATION

Parts Number	Description	Qty.
KEME-43-7EXA	Harness, EPB (R)	1
KEME-43-7EYA	Harness, EPB (L)	1

**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 California Emission Defect/Performance Any related Parts Warranty / TZEV or ZEV Warranty (CX-70 and CX-90 PHEV only)
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	43
Damage Code	9W
Part Number Main Cause	****-43-7EX* or ****-43-7EY*
Quantity	1
Operation Number / Labor Hours:	XXX4XGRX / 0.8 Hrs (CX-70) XXX4XHRX / 0.9 Hrs (CX-90)

**NOTE:**

- Claim other side HARNESS, EPB (K\*\*\*-43-7E\*A) as related part.
- Submit claims for maintenance and adjustments according to the "Suggested Repair Time (SRT)" in MGSS if required.

**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.