

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



Subject: RUBBING NOISE FROM FRONT TIRE WHEN TURNING	Bulletin No.: 02-005/23
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BULLETIN NOTES

APPLICABLE MODEL(S)/VINS

2024 CX-90 with VINS lower than JM3KK*****116831 (produced before June 7, 2023)

DESCRIPTION

Some vehicles may exhibit a rubbing noise from the front tire when driving with the steering turned all the way. This may be caused by the ABS harness interfering with the front tire when the steering wheel is fully turned. To eliminate this concern, the length of the ABS harness and the shape of the harness bracket have 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 front ABS wheel-speed sensors (both sides) with modified ones according to the instructions in MGSS (FRONT ABS WHEEL-SPEED SENSOR REMOVAL/INSTALLATION).
3. Verify the repair.

PARTS INFORMATION

Parts Number	Description	Quantity
KEME-43-70XA	Sensor (R), FRT-A.B.S.	1
KEME-43-73XA	Sensor (L), FRT-A.B.S.	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 Mazda Mazda's New Vehicle Limited Warranty term or CA Emission Warranty (short term).
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	82
Damage Code	98
Part Number Main Cause	KEME-43-70XA
Quantity	1
Operation Number / Labor Hours:	XXWH8DRX / 0.5 Hrs.

NOTE: Claim other side of SENSOR(L),FRT-A.B.S. as related part

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