Service Bulletin

Mazda North American Operations Irvine, CA 92618-2922



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Subject:

GROAN NOISE FROM FRONT WHEEL HUB

Last Issued: 09/29/2015

BULLETIN NOTE

- This bulletin supersedes the previous bulletin 03-003/14, issued on 07/16/2014. The APPLICABLE MODEL(S)/VINS, PART(S) and WARRANTY INFORMATION have been revised.
- Changes are noted below in Red beside the change bar.

APPLICABLE MODEL(S)/VINS

2014-2016 Mazda6 vehicles with VINs lower than JM1 GJ ****** 445626 (produced before August 01, 2015) 2013-2016 CX-5 vehicles with VINs lower than JM3 KE ****** 700830 (produced before August 01, 2015)

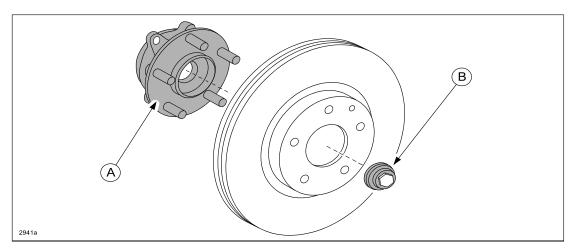
DESCRIPTION

Some vehicles may exhibit a groan type noise from the front wheel hub bearing while driving at high speed or when cornering. This may be caused by front wheel hub bearing corrosion.

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

REPAIR PROCEDURE

- 1. Verify customer concern.
- 2. Replace the affected front wheel hub (A) and locknut (B). Refer to MS3 online or Workshop Manual (section 03-12) removal/installation instructions for the front wheel hub and the locknut only.
 - CX-5 WHEEL HUB COMPONENT REMOVAL/INSTALLATION [AWD]
 - Mazda6 WHEEL HUB, STEERING KNUCKLE REMOVAL/INSTALLATION



3. Verify repair.

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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.

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PART(S) INFORMATION

Part Number	Description	Qty.	Notes	
D651-33-042A	Locknut	1 or 2	Only replace the affected side.	
KD35-33-04XD	Wheel Hub	1 or 2	Replace both locknut and wheel hub as a set.	

WARRANTY INFORMATION

NOTE:

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- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's Power Train Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.
- Only replace the affected side.
- Claim locknut(s) as related part(s). Repairs without wheel hub replacement are not warrantable.

	One side	Both sides
Warranty Type	А	A
Symptom Code	82	82
Damage Code	9G	9G
Part Number Main Cause	KD35-33-04XD	KD35-33-04XD
Quantity	1	2
Operation Number / Labor Hours:	XXK7UARX / 0.7 Hrs.	XXK7UBRX / 1.2 Hrs.