

# Technical Service Bulletin

Mazda North American Operations  
Irvine, CA 92618-2922



<b>Subject:</b>  GROAN NOISE FROM FRONT BRAKE	<b>Bulletin No.:</b> 04-001/21
	<b>Last Issued :</b> 04/01/2021

## BULLETIN NOTES

This bulletin supersedes the previously issued bulletin(s) listed below: The changes are noted in Red.

Previous TSBs:	Date(s) Issued:
04-002/20	10/26/20 and 01/28/20
04-006/19	01/04/19

## APPLICABLE MODEL(S) / VINS

2014-2020 Mazda6 with VINS lower than JM1GL\*\*\*\*\*522752 (produced before February 4, 2020)

## DESCRIPTION

Some vehicles may exhibit a groan noise from the front brakes when braking at a very low speed (approximately 6 mph/10 km/h). This is caused by a brake torque variation due to an uneven coating of the brake pad friction material forming on the surface of the disc plate. To eliminate this concern, the surface processing on the disc plate has been changed.

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

## REPAIR PROCEDURE

1. Verify customer concern.
2. Replace both front brake discs.
3. Verify repair.

## PARTS INFORMATION

Parts Number	Description	Qty.	Note
KD45-33-251	Plate, Disc	2	Medium size (297 mm)
G61N-33-251	Plate, Disc	2	Large size (320 mm)

## NOTE:

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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.

- This is not a Mass Production Change (MPC). Use the “new” disc plate only to resolve the groan noise concern.
- All Mazda6 non-turbo models use medium disc plates. GEPC not needed.
- All 2019 and newer (US spec) / 2020 and newer (Mexico spec) Mazda6 turbo models use large disc plates. GEPC not needed.
- Most 2018 (US spec) / 2019 (Mexico spec) Mazda6 turbo models use medium disc plates, except some near the end of production (which use large disc plates). Use GEPC to verify P/N.

Old Part Number	Disc Plate Size
GBFT-33251-A	Medium (297 mm)
GHR1-33251-A	
GHP9-33251	
TK78-33251-B	Large (320 mm)

## 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	35
Damage Code	9M
Part Number Main Cause	KD45-33-251 or G61N-33-251
Quantity	2
Operation Number / Labor Hours:	XXR9YXRX / 0.4 Hrs.

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