

Repeat workshop visit for vehicle vibration under braking from 60MPH

Topic number	LI42.10-P-078779
Version	5
Function group	42.10 - Service brake
Date	5/15/26
Validity	For vehicles produced prior to December 2025.
	167 (GLE & GLS): AMG Variants
	463 (G-Class): G63
Reason for change	Attachment update.
Reason for block	Cases received

Complaint

Repeat workshop visit for vehicle vibration while braking from 60MPH.

Vehicle production date prior to December 2025.

Cause

Although the cause of the vibration is most likely due to excessive lateral runout on the rotor or hub/wheel bearing, the system as a whole needs to be checked for other possible contributors.

1. Prior collision damage.
2. Excessive vehicle sitting times without rotating components.
3. Wheel bearing/hub lateral runout.
4. Wheel mating interface has been overtightened (did not follow WIS torque procedures).
5. Mating interfaces have been excessively modified (painted, gouged, bent, etc...).

Remedy

Read through the entire attached worksheet prior to performing.

After performing, please review the final page and perform work accordingly.

If there are any questions on how to proceed OR

The work sheet has been performed and the vehicle has returned with the same concern. Please perform the measurements as seen in the worksheet again and open a TIPS case to the Body, Chassis, and Entertainment team.

Attachments	
File	Description

Repeat Brake Judder Data Gathering.pdf	
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Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and safely perform diagnosis and repairs on Mercedes-Benz vehicles, using Mercedes-Benz approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and provides information that could assist in proper vehicle diagnosis, service, or repair. It does not indicate that a defect is present in any vehicle referenced in this document nor does it imply warranty coverage. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document, and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.

Symptoms
Power transmission > Function > Blocks
Chassis/suspension > Brake system > Service brake > Function > Brakes general
Chassis/suspension > Brake system > Service brake > Function > Vibrates/shudders

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note