

167 Throbbing/howling from the area of the rear axle

Topic number	LI35.25-P-077385
Version	1
Function group	35.25 - Axle housing
Date	9/10/25
Validity	MODEL 167
	except 167.#17/167.#54 (GLE Hybrid) and 167.9## (GLS) as of production 03/2022
Reason for change	

Complaint

Throbbing/humming sound around 60mph. Howling in overdrive mode around 5th gear.

Models 167.1/3 and 167.9 up to 03/2022 (except 167.987) occurs between 40-50mph

Model 167.987 up to 03/2022 occurs between 55-65mph

Cause

Unfavorable overlapping of vibrations between drivetrain and rear axle carrier at different speeds and selected drive range.

Remedy

Install additional vibration damper at front axle subframe suspension of rear axle. For basic data, see AR35.10-P-0044ME

Note: Chamfer at vibration damper must be between axle subframe suspension and rear axle carrier (see attachment)

Attachments		
File	Description	
Schwingungstilger_vibration damper.pdf	Position of vibration damper	

WIS-References		
Document number	Title	Note
AR35.10-P-0044ME	Remove/install elastomer bearing of front suspension of rear axle carrier	Position of additional vibration damper

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 > Noises > Throbbing/intermittent humming
Chassis/suspension > Noises > Humming/droning/throbbing
Power transmission > Noises > Howling/whistling
Power transmission > Differential > Rear axle differential > Noises > Howling
Chassis/suspension > Noises > Howling

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A1673526600			VIBRATION DAMPER Parts kit	1		X

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