

Vibrations From Steering

Topic number	LI46.35-P-075129
Version	5
Function group	46.35 - Electrical steering
Date	7/29/25
Validity	177.051/053/054
	177.151
	177.951
	118.351/353/354
	118.651/653/654
	247.651
	247.751/753/754
Reason for change	Adding control unit number

Complaint

Vibrations in steering at speeds lower than 50 km/h when turning left and right or while at a stop.

May be perceived as a noise from the transmission.

Attachments	
File	Description
Noise.mov	

Cause

Controller instability of steering software, caused by reduced friction in steering (tolerance for production + running-in characteristics).

Remedy

Update Electrical Power Steering Control Unit (N68) to target software A 247 902 11 16 available in Xentry with latest add-ons.

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 > Jolting/shuddering during start-off
Chassis/suspension > Steering system > Noises > Humming/vibrations
Chassis/suspension > Steering system > Steering wheel > Vibrates
Power transmission > Noises > Humming/droning
Power transmission > Noises > Grinding
Power transmission > Automatic transmission > Function > Shuddering during start-off
Power transmission > Automatic transmission > Function > Shudders

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