

Lifting and Lowering of Vehicle While Driving - Vehicles with Airmatic (Code 489)

Topic number	LI32.30-P-079405
Version	1
Function group	32.30 - Level control
Date	7/1/25
Validity	Vehicles with air suspension (code 489) and level control on the rear axle (code 488 or crewbus variant)
Reason for change	

Complaint

Vehicle lifts and lowers again while driving.

Cause

Moisture may collect in the compressor of the air suspension over its lifetime, which can result in corrosion.

Corrosion can result in reduced compressor performance or be deposited on the valve seats of the valve block and subsequently result in internal micro leakages.

Remedy

Update software for air suspension compressors as of 08/2022 or vehicles produced after 08/2020.

Updated software removes moisture from the system by lifting and lowering the vehicle level maximum +/- 10 mm while driving.

The process is not a cause for complaint, but rather corresponds to the current series production configuration.

Replacement of parts is not necessary in this scenario.

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
Chassis/suspension > Suspension/Dampening > Suspension System Function > Vehicle level too high
Chassis/suspension > Suspension/Dampening > Suspension System Function > Vehicle level too low
Chassis/suspension > Suspension/Dampening > Adaptive damping system ADS > Regulates without obvious cause
Chassis/suspension > Suspension/Dampening > Electronic level control ENR > Regulates without obvious cause
Chassis/suspension > Suspension/Dampening > AIRMATIC > Function > Vehicle lowers while driving

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