

Special Processing Of Rear Axle Carriers

Topic number	LI35.10-P-078931
Version	2
Function group	35.10 - Complete rear axle
Date	5/12/26
Validity	Model 204, 212, 171, 172
Reason for change	GLK addition

Complaint

Potential corrosion on the rear axle carrier

Cause

Due to market-specific conditions such as moisture, ingress of dirt and/or environmental influences, corrosion can occur on the rear axle carrier

Remedy

In the event of a complaint, the optimized repair method must be used when replacing the rear axle carrier.

The repair method for the respective model series can be found in the attachment.

Repair packages are available in Xentry Repair Packages for the special processing of rear axle carriers

Note: Please utilize flexible wand (319-SAT1058826) along with the Cavity Preservation Gun (W 000 588 03 72 00) for cavity wax application to improve coverage and reduces labor efforts. The flexible wand may be obtained through the [Mercedes-Benz Standard Service Equipment Program](#) website.

Attachments	
File	Description
BR204_Special handling of rear axle carriers.pdf	Model series 204, special processing of rear axle carrier
BR171_172_Special handling of rear axle carriers.pdf	Model series 171, 172, special processing of rear axle carrier
BR212_Air spring_Special handling of rear axle carriers.pdf	Model series 212 air spring, special processing of rear axle carrier
BR212_Steel spring_Special handling of rear axle carriers.pdf	Model series 212 steel spring, special processing of rear axle carrier
Cavity Wax Wand.jpg	(319-SAT1058826) - For ease of cavity preservation on rear axle carrier



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 > Frame > Corrosion > Rust formation
Chassis/suspension > Frame > Corrosion > Subsurface corrosion
Chassis/suspension > Frame > Frame > Cracks
Overall vehicle > Paint/corrosion > Corrosion > At rear axle carrier
Chassis/suspension > Axle > Front axle > Corrosion > Corrosion
Chassis/suspension > Axle > Rear axle > Corrosion > Corrosion

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