

223 S63e - Popping Sound From Rear When Driving

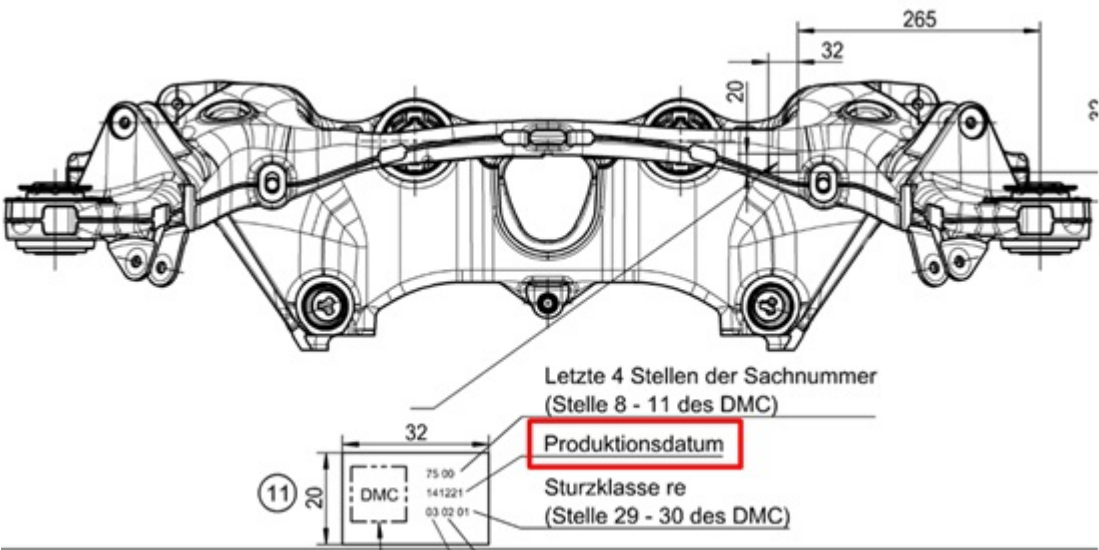
Topic number	LI35.31-P-080609
Version	2
Function group	35.31 - Rear axle center assembly
Date	5/20/26
Validity	S63e (223.182) and rear subframe manufacture date after December 2025.
Reason for change	Adding Subframe Mount Part Numbers

Complaint

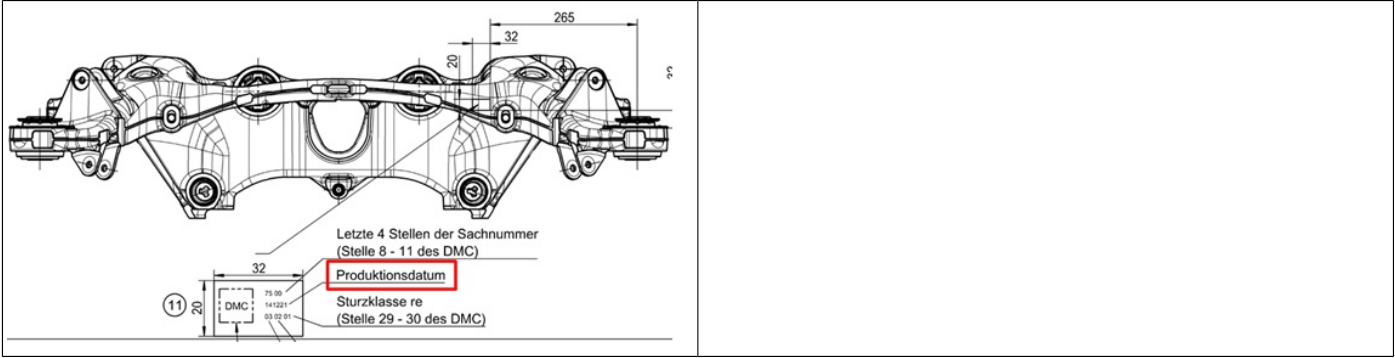
Consistent popping sound from rear of vehicle.

AND

Rear subframe manufactured on or after December 2025.



Attachments	
File	Description
S63e Rear Subframe Mount_2.mp4	
S63e Rear Subframe Mount_1.mp4	
Subframe Manufacture Date Stamp.png	



Cause

Under determination.

Remedy

Verify the noise is emanating from the rear subframe mounts and matches the sound file attached. The dealer may choose to use NVH to verify which mount.

Replace all rear subframe mounts according to WIS and the attached procedures with Loctite.

NOTE: Depending on stock availability of the mounts, the vehicle may be released until such time the mounts are available. It is not recommended to order the entire subframe assembly.

If the sound matches the attached file and the subframe mount is manufactured prior to December 2025, open a TIPS case to the Body/Chassis Entertainment team.

Attachments	
File	Description
S63e Rear Subframe Mount Noise.pdf	

WIS-References		
Document number	Title	Note
AR35.10-P-0046SCA	Remove/install elastomer bearing of rear suspension of rear axle carrier	Remove/install elastomer bearing of rear suspension of rear axle carrier
AR35.10-P-0044SCA	Remove/install elastomer bearing of front suspension of rear axle carrier	Remove/install elastomer bearing of front suspension of 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

XENTRY Tips

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 > Noises > Cracking
Chassis/suspension > Noises > Knocks
Chassis/suspension > Noises > Thumping
Chassis/suspension > Noises > Humming/droning/throbbing
Chassis/suspension > Noises > Grunting
Chassis/suspension > Noises > Clattering
Chassis/suspension > Noises > Creaks

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A2233511000			Left and Right Front Mounts for Rear Subframe	2		X
Loctite 9466			Loctite 9466 - 50mL	1 Tube Per Mount	Source Locally	X
A2233511700			Left and Right Rear Mounts for Rear Subframe	2		X

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