

Model Year 2024 or Later 167 GLE/GLS Non-AMG - Right and Left Front Axle Brake Noise

Topic number	LI42.10-P-080253
Version	2
Function group	42.10 - Service brake
Date	3/3/26
Validity	Model Year 2024 or Later
	167 GLE
	167 GLS
Reason for change	Updated Remedy.

Complaint

When coming to a stop or at slow speeds, brakes produce light squealing noise.

Cause

Optimized brake pads may produce some noise.

Remedy

If the brake pads have not been exchanged prior and this is the first visit:

- Wipe down brake disc and remove any brake dust from holes in brake disc.
- Replace brake pads and spring clips. Ensure the double sided adhesive is applied to all locations where the pistons contact the brake pad backing plate. See attachment "Adhesive and Copper Paste Application Area - Series 167".
- Apply Molykote to the sides of the brake pad backing plate in the location shown in the attachment "Adhesive and Copper Paste Application Area - Series 167".
- Clean brake components thoroughly from brake dust, road debris, and other foreign material.
- After replacing, place the vehicle in sport or sport plus mode and engage brake pedal for 30 seconds.
- Bed brakes according to LI42.10-P-063502 but only perform once.

If the brake pads have been exchanged in a prior visit:

- Inspect the condition of the brake system per WIS.
- Some level of noise is acceptable and cannot be mitigated or removed at all times. Below is a list of items that can cause or exacerbate noises but are normal.
- With use there will be dirt, debris, brake dust, and other foreign contaminants. If the system is dirty, components should be thoroughly cleaned and wiped down.
- Inspect the condition of the brake pads and discs. Note any visual anomalies such as glazing, excess rust formation, pad imprints from long stationary times, etc...
- Driving styles. Does the noise only occur at very low speeds when coming to a stop such as with very light brake pressure? When coming to a stop and applying increased brake pressure, does the noise reduce or disappear? If so, this is normal operation.

XENTRY Tips

- Brake pressure and application style (stop-and-go traffic with consistent low brake pressure “riding brakes” where the brakes cannot cool sufficiently between applications).
- Ambient temperatures, especially colder ambient temperatures. Lower ambient temperatures can also introduce additional road debris, such as salt.

NOTE: Exchanging brake discs for noise is not a permanent measure for noise mitigation and is not recommended for noise concerns unless there are other factors involved.

Attachments	
File	Description
<p>Adhesive and Paste Application Area - Series 167.jpg</p> <p>Adhesive and Copper Paste Application Area</p> <p>Adhesive Transfer Tape *Shown on 6 piston calipers. Modify based on number of caliper pistons.</p> <p>Copper Paste Application Area:</p> <p>Side View Side View</p>	

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 > Brake system > Service brake > Noises > Squeals
Chassis/suspension > Brake system > Service brake > Noises > Makes noise

XENTRY Tips

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
3M F9469PC			Alternate Adhesive Transfer Tape	1	Sourced Locally	X
A 190 423 32 00			Adhesive Transfer Tape	1	Modify to fit. May use alternate.	X
A 001 989 87 51 09			Molykote	<1		X

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