

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

Topic number	LI42.10-P-080253
Version	3
Function group	42.10 - Service brake
Date	4/24/26
Validity	Model Year 2024 or Later 167 GLE 167 GLS
Reason for change	Parts & Language

Complaint

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

Cause

Optimized brake pads may produce some noise.

Remedy

NOTE: Exchanging brake discs for noise is not a permanent measure for noise mitigation and cannot be claimed under warranty according to this LI.

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 during quality checking according to LI42.10-P-063502 but only perform once.

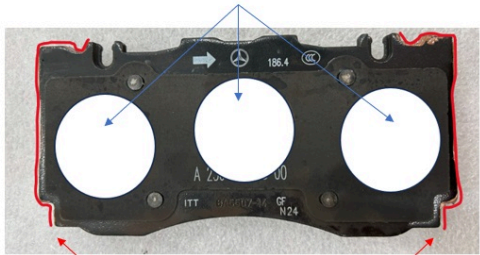
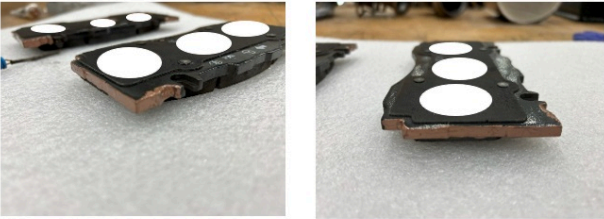
If the brake pads have been exchanged in a prior visit: The following portion is not warrantable, some brake noise, especially with sport brake packages, is normal. The below is intended to assist in reducing or mitigating brake noise for customer satisfaction purposes.

- 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.

XENTRY Tips

- 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.
- 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.

Attachments

File	Description
<p data-bbox="112 725 746 757">Adhesive and Paste Application Area - Series 167.jpg</p> <p data-bbox="247 801 660 831">Adhesive and Copper Paste Application Area</p> <p data-bbox="315 851 584 904">Adhesive Transfer Tape *Shown on 6 piston calipers. Modify based on number of caliper pistons.</p>  <p data-bbox="354 1234 553 1254">Copper Paste Application Area:</p>  <p data-bbox="247 1494 310 1509">Side View</p> <p data-bbox="581 1494 644 1509">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.

XENTRY Tips

Symptoms

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

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

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
3M F9469PC			Alternate Adhesive Transfer Tape	0	60 Yard Roll - Shop Supply	X
A 001 989 87 51 09			Molykote	0.1		X
A 190 423 32 00			Adhesive Transfer Tape	1	Modify to fit. May use alternate.	X

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
		H	4211436	