

AMG GLC63S e Brake Noise (Squeal) at Low Speeds in Forward and Reverse

Topic number	LI42.10-P-078875
Version	3
Function group	42.10 - Service brake
Date	3/21/25
Validity	AMG GLC63e S
Reason for change	Updating picture

Complaint

Squeal from brakes at low speeds in forward and reverse.

Cause

Frictional vibrations between brake pad and brake disc.

Remedy

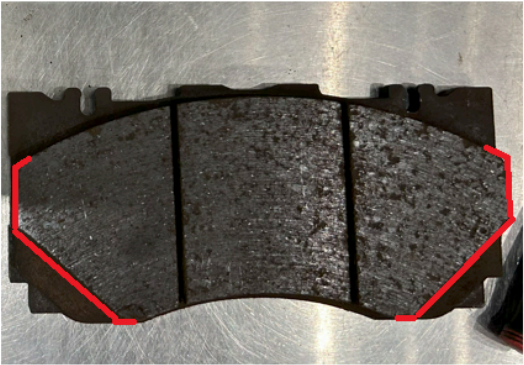
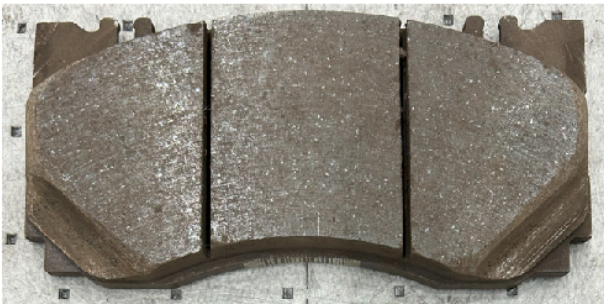
Chamfer pads according to attached picture.

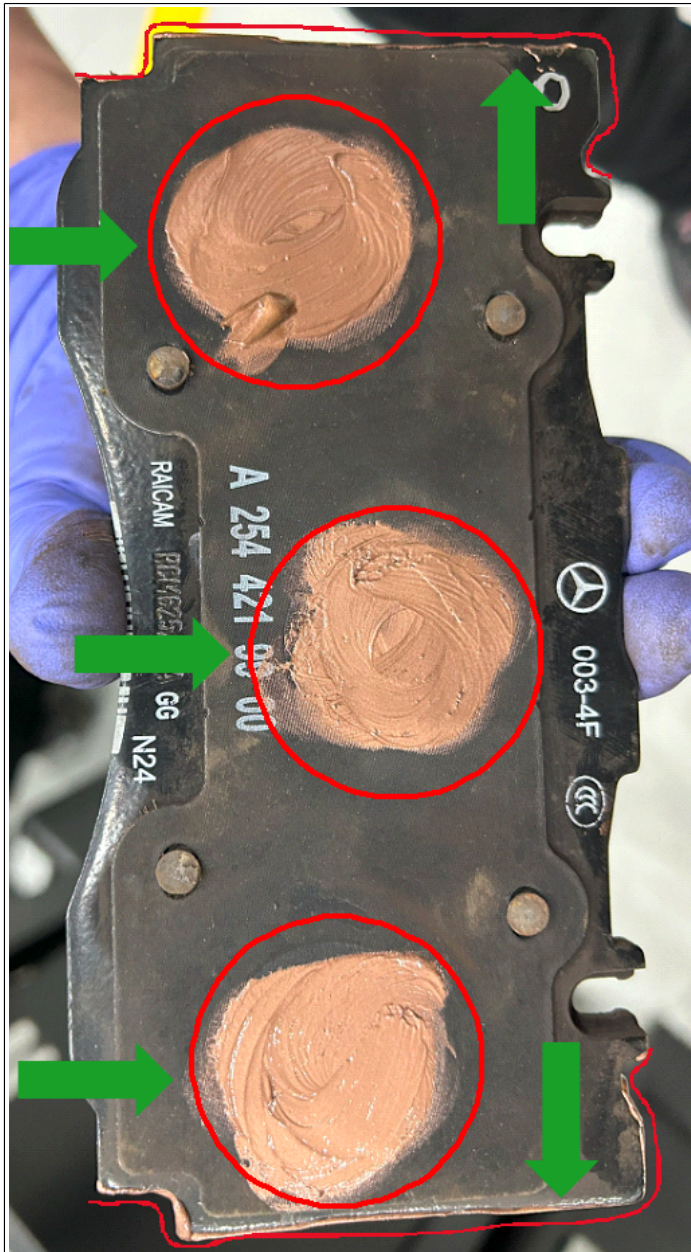
Remove center piston adhesive.

Apply copper paste to areas according to attached picture (both where the pistons contact the backing plate and around the edges of the backing plate as shown).

Follow step 3 of LI42.10-P-063502 for brake bedding procedure.

Attachments	
File	Description
Chamfered Pads.png	Chamfered Pads Example

<u>Example:</u> Pads not chamfered. A photograph of a brake pad with sharp, unchamfered edges. Red lines are drawn along the outer perimeter of the pad, highlighting the lack of chamfering. <u>Example:</u> Pads chamfered. A photograph of a brake pad with chamfered edges, showing a smooth transition from the flat surface to the outer edge.	
AMG GLC63e S Brake Pad Copper Paste.PNG	Copper Paste Application Area



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

Power transmission > Manual transmission > Manual transmission > Floor shift - noises > Squeals
Power transmission > Clutch > Clutch, conventional > Clutch/clutch pedal - noises > General
Chassis/suspension > Brake system > Service brake > Noises > Whirring/howling
Chassis/suspension > Brake system > Service brake > Noises > Makes noise

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A0019898751			Copper Brake Paste	1		X

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