

Brake squeal from front axle at low temperatures

Topic number	LI42.10-P-065628
Version	1
Design group	42.10 Service brake
Date	01-30-2017
Validity	Model designation 253948, 253949 and 253909 without SA code P31 (AMG Sport Package) with SA code 494 (US version)
Reason for change	Greasing adapted
Reason for block	

Complaint:

Brake squeal at front axle at low outside temperatures.

Note:

This condition may possibly only occur when the brakes are applied for the first time and typically when reversing at low speeds.

Cause:

Noise from possible friction effects.

Remedy:

Replacement of brake pads and application of brake paste in accordance with specifications in attachment: Apply brake paste only to contact points/edges of brake pad as well as between the stainless steel shims and backing plates.

Note # 1: If necessary, the stainless steel shims from the old standard series pads must be used again.

Note # 2: If the vehicle exhibits front brake squeal as described in the "Complaint" section above, and has a production date after June 1st, 2016, please create an "Information Only" PTSS case and attach the following:

- 1) Sound file of brake noise
- 2) Picture of inner and outer brake pads – friction material side
- 3) Picture of inner and outer brake pads – Backing plate side
- 4) Picture of brake discs - Outer surface

Attachments	
File	Description
Greasing-Matrix Front axle 253.pdf	Greasing matrix

XENTRY TIPS

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

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 000 420 81 00			Brake pad	1	without SA code P31 (AMG Sport Package) with SA code 494 (US version). Note part may be subbed to A000 420 81 00 64	X
A 001 989 87 51			Molykote brake paste	1		X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			42114 36	

Validity		
Vehicle	Engine	Transmission
GLC (253) - 253.903	*	*
GLC (253) - 253.905	*	*
GLC (253) - 253.909	*	*
GLC (253) - 253.943	*	*
GLC (253) - 253.946	*	*
GLC (253) - 253.948	*	*
GLC (253) - 253.949	*	*