

Brake Squeal from Front Axle During Cold Temperatures.

Topic number	LI42.10-P-060688
Version	2
Design group	42.10 Service brake
Date	03-04-2015
Validity	Model 205 with SA code P31AMG Sport Package
Reason for change	Remedy updated
Reason for block	

Complaint:

Brake squeal from the front axle during cold temperatures.

Note: Condition may only occur during first brake application and typically when reversing at slower speeds.

Cause:

Frictional vibrations from the front axle.

Remedy:

Install shim plates onto new front axle brake pads. Reference attachment for proper installation & bonding. Shim plates are only valid for vehicles with P31-AMG Sports Package. Reference VeDoc to determine if vehicle is applicable.

Please submit a PTSS case for part (shim plate) procurement. There is a very limited supply of parts (shim plates), thus each case must be process and qualified manually. If the case does not meet the fault profile or vehicle validity, the request will be denied.

Note: Order brake pads via the normal parts process.

Attachments	
File	Description
Instructions for gluing shims to series 205 pads.pdf	Instructions for installing & bonding shims to series 205 brake pads.

Symptoms

Chassis/suspension / Brake system / Service brake / Brake noise / General

Chassis/suspension / Brake system / Service brake / Brake noise / Creaking

Chassis/suspension / Brake system / Service brake / Brake noise / Squeaking

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

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 008 420 19 20			Brake Pad -- Front	1	For USA with SA code P31 AMG Sports Package	X

WIS-References			
Document number	Title	Note	Allocation
AR42.10-P-1610LWA	Remove / Check / Install front axle brake pads		Remedy

Validity		
Vehicle	Engine	Transmission
205.049	*	*
205.066	*	*

Full model designation breakdown		
Vehicle	Engine	Transmission
205.049	274.920	722.969
205.066	276.823	722.961
205.066	276.823	725.041