
Rear brakes squeal when applied

Topic number	LI42.10-P-048315
Version	1
Design group	42.10 Service brake
Date	12-08-2009
Validity	Model 212.056 with code (494/050/Q06) and model 212.072 with code 494.
Reason for change	

Complaint:

Rear wheel brake squeal when braking.

Cause:

Resonant vibrations

Remedy:

1. Check brake pads for ease of movement.
2. Remove brake pads from brake pad slots and clean the slots if necessary.
3. Replace brake pads and housing retaining springs.

Note: Lubricate brake pads on their guide pieces ("hammer heads") with MB Plastilube brake paste, see attachment.

Remark:

- As a rule brake disks do not have to be replaced due to brake squeal. One exception is major score marks or waviness resulting from wear. In, this case the possibility of brake squeal cannot be fully ruled out.

- Reproduce squealing noise when braking and ensure that the noise is caused by the rear axle.

- If necessary, use the help of an assistant to localize the noise.

Attachments	
File	Designation
Befettung Bremsbel_ge.jpg	Lubricate brake pads on guide pieces

Symptoms

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

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Non-EPC
A 005 420 94 20			Brake pad set	1		X	
A 001 421 23 91			Housing retaining spring	2		X	
A 002 989 37 51			MB Plastilube brake paste	0.1		X	

Work units				
Op. no.	Operation text	Time	Damage code	Note
42-2851	REMOVE/INSTALL REAR AXLE BRAKE PADS		42214 36	Refer to Warranty Matrix via Netstar - VMI - Enter VIN – DTB / LI - Find Document Number - “Related Warranty Information” link OR “Print Warranty Information” link

WIS-References			
Document number	Title	Note	Allocation
AR42.10-P-0250EW	Remove/install brake disk, brake caliper and brake pads of the rear wheel brake		Remedy