

Brake squealing from the steel braking system (code B06)

Topic number	LI42.10-P-076753
Version	1
Function group	42.10 - Service brake
Date	7/27/23
Validity	232.450, 232.480, 232.481
Reason for change	

Complaint

Brake squeal

Cause

Frictional vibrations. There is no effect to braking capability.

Remedy

>> Refer to LI42.10-P-063502.

If bedding in the brakes does not remedy the issue:

a) If the noises are coming from the front axle => Affix linings with biadhesive film (see attachments for front axle)

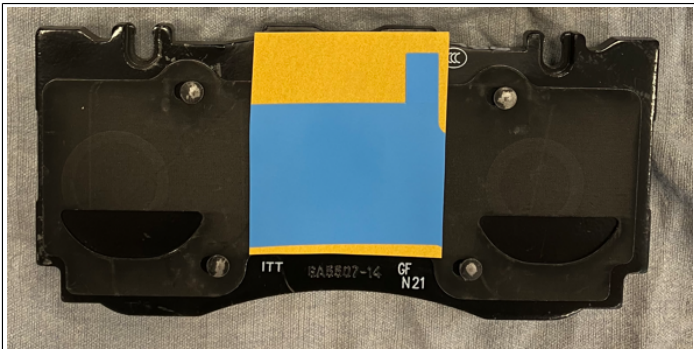
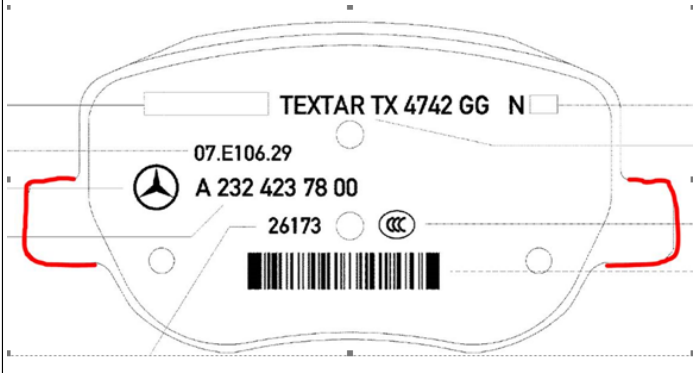
1. Remove brake linings of front axle
2. Cleaning all contact points on brake lining and brake caliper/carrier
3. Apply an adhesive film to the backplate of the piston-side brake lining (only in the area of the center piston)
4. Position and affix brake pad foil as per the attachment (clean bonding surface)
5. After installing the brake linings, actuate the brake for 30 seconds

b) If the noises are coming from the rear axle => Grease the lining as per the specification (see attachments for rear axle)

1. Remove brake pads of rear axle
2. Cleaning all contact points on brake lining and brake caliper/carrier
3. Grease contact points (red areas) between brake lining and guide of brake caliper with heat-resistant lubricating paste A001 989 87 51
4. Be absolutely certain to not allow paste between friction surfaces of the pad and disc!

If no remedy is possible with these measures, please create a TIPS case.

Attachments	
File	Description
Position Klebefolie R232.png	Front axle lining

	
Bereich Befettung (rot) R232.png	Rear axle lining
	

WIS-References		
Document number	Title	Note
AR42.10-P-1610SLY	Remove/check/install front axle brake pads	Model 232 with code B06 (Brake caliper painted silver) except code B07 (AMG - ceramic brake system) Model 232 with code U69 (Brake caliper painted yellow) except code B07 (AMG - ceramic brake system) Model 232 with code U70 (Brake caliper painted red) except code B07 (AMG - ceramic brake system)
AR42.10-P-1710SLY	Remove/check/install brake linings of rear axle	Model 232 with code B06 (Brake caliper painted silver) except code B07 (AMG - ceramic brake system) Model 232 with code U69 (Brake caliper painted yellow) except code B07 (AMG - ceramic brake system) Model 232 with code U70 (Brake caliper painted red) except code B07 (AMG - ceramic brake system)
SI00.00-P-0086A	Guidelines for queries relating to technical complaints	

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

XENTRY TIPS

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 190 423 32 00			Brakepad foil	n.B.	Adjust during installation	X
A 000 989 8751			Copper paste	n.B.		X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
401590	REMOVE/INSTALL WHEELS (2)		4220136	