

Brake squeal at front axle

Topic number	LI42.15-P-070250
Version	1
Function group	42.15 Mechanical system
Date	09-09-2019
Validity	Model series 463 with M177
Reason for change	
Reason for block	

Complaint:

Brake squeal from front axle when braking to a standstill.

Cause:

Possibly frictional vibrations

Remedy:

If a brake squeal can be confirmed from the front axle, glue linings of front axle into caliper as shown in the pictures in the Annex.

The bi-adhesive cannot currently be ordered via the parts process. To request bi-adhesive please open a PTSS case with video or soundfile of the squeal.

Procedure:

Clean backplate of linings with brake cleaner.

Attach the bi-adhesive to the lining (see below for dimensions) and then press down firmly with a smooth tool, e.g. a scraper.

Then pull off the blue foil and insert the lining.

After assembling the brake system and before carrying out the test drive, press the brake pedal fully down several times and hold it pressed for 3 seconds to allow the pistons to bind with the adhesive.

Picture A: worn lining

Dimensions from edge of lining:

Picture B - top left: approx. 29 mm

Picture C - top right: approx. 29 mm

Picture D - left side: approx. 13 mm

Picture D - right side: approx. 12 mm

XENTRY TIPS

Attachments	
File	Description
Bilder.pdf	Positioning the bi-adhesive

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