

Noise complaints at front axle support bushing

Topic number	LI32.25-P-066247
Version	1
Design group	32.25 Shock absorbers, damper struts, spring struts
Date	05-17-2017
Validity	Models 205, 253, 213 without SA code 489 / AIRMATIC without AMG model designations
Reason for change	

Complaint:

Noise complaints at front axle support bushing.

Attachments	
File	Description
defektes Kopflager.jpg	Cracked support bushing

Cause:

The plastic core may detach from the rubber mount and makes noises.

Remedy:

Installation of modified support bushing with steel core insert.

Note:

To unscrew the upper mounting nut on the piston rod it is absolutely essential to use the special tool specified in the attachment.

Under no circumstances may a pneumatic/impact wrench be used for unscrewing because this causes the piston rod to rotate and damage the seal.

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 253 323 00 20			Front axle support bushing	2	The new support bushings with steel inserts must be replaced on both sides the first time this problem occurs.	X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
32-2029	REPLACE HEAD BEARINGS (BOTH) FOR SUSPENSION STRUTS OF 1ST		32328 07	The first time this complaint occurs, replace the support bushings on the left and right.

XENTRY TIPS

	VEHICLE AXLE (SUSPENSION STRUT REMOVED)			
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WIS-References			
Document number	Title	Note	Allocation
AR32.25-P-1018LW	Disassemble/assemble suspension strut		Remedy
AR32.25-P-1017LW	Remove/install front suspension strut		Remedy
WS32.00-P-0083B	164 589 00 10 00 Socket wrench	17 mm socket wrench with 5 mm two-flat bit for unscrewing and tightening the upper shock absorber mount to torque.	Remedy