

Thumping noises from rear axle damper

Topic number	LI32.25-P-066246
Version	1
Design group	32.25 Shock absorbers, damper struts, spring struts
Date	05-16-2017
Validity	Only W213 without SA code 489
Reason for change	
Reason for block	

Complaint:

Thumping noises from rear axle damper

Cause:

Until now the rear axle damper has only been available as a replacement part together with the support bushing.

The support bushing is now available as a separate replacement part on the W213.

Remedy:

In the event of noise complaints concerning the rear axle damper, install only the modified support bushings then re-evaluate the vehicle.

The modified support bushings must be replaced in pairs the first time so that any mixed installation of old and new is reliably ruled out.

Note: When unscrewing the upper mounting nut on the piston rod, it is absolutely essential to use the special tools specified below.

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

1. Remove the production nut with size 17--> Special tool W 164 589 00 10 00
2. Install the replacement nut with size 16--> Special tool W454 589 01 99 00 (only the long size 16 socket) + commercially available long size 5 Allen key

The tightening torque of the hexagon nut fastening the support bushing to the piston rod is 31 Nm +/- 3 Nm.

Symptoms
Chassis/suspension / Noises / Knocks
Chassis/suspension / Noises / Thumping
Chassis/suspension / Suspension/Dampening / Suspension system noises / Thumping

Parts

XENTRY TIPS

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 213 326 51 00			Support bushing	2	Rear axle support bushing available separately	X
N 910118 010003			Hexagon nut	2	Hexagon nut, support bushing to piston rod, tightening torque 31 Nm +/- 3 Nm	X

Operation numbers/damage codes					
Op. no.	Operation text	Time	Damage code	Note	
32-xxxx	REPLACE REAR AXLE SUPPORT BUSHING		32334 36	Replace on both sides at first replacement	
32-1062	REMOVE/INSTALL 2 DAMPERS OF 2ND VEH. AXLE, REPLACE IF NECESSARY		32334 36		

WIS-References			
Document number	Title	Note	Allocation
ar32.25-p-0110lw	Remove/install rear shock absorber	Replacement of single support bushings is only valid for W213	Parts