

Knocking or thumping noises from area of front axle

Topic number	LI33.15-P-067882
Version	2
Function group	33.15 Axle links
Date	03-27-2018
Validity	MODEL 222 except AMG
Reason for change	Remedy adapted
Reason for block	

Complaint:

Knocking or thumping noises from the area of the front axle on rough terrain.

Cause:

Torsion bearing of strut rod and/or spring link cracked.

Attachments	
File	Description
Bilder Gl.pdf	Pictures

Remedy:

Replace torsion bearings on affected strut rod or spring link in pairs.

The part number can be found from the VIN in the EPC.

Note:

Currently, the EPC shows the torsion bearings incorrectly as bearings for camber/caster adjustment. For better identification in EPC, the corresponding part numbers for the torsion bearings are listed below.

From EPC version 05/2018 onwards the bearings are correctly displayed.

The documentation in the WIS is adapted or extended.

Symptoms
Chassis/suspension / Noises / Knocks
Chassis/suspension / Noises / Thumping
Chassis/suspension / Axle / Front axle / Noises / Knocks
Chassis/suspension / Axle / Front axle / Noises / Thumping
Chassis/suspension / Noises / Creaks

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC

XENTRY TIPS

A 222 333 37 00		Strut rod bushing	2		X
A 222 333 38 00		Spring link bushing	2	Valid for vehicles with AIRMATIC	X
A 222 333 39 00		Spring link bushing	2	Valid for vehicles with ABC	X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
33-1412	REMOVE/INSTALL 2 SPRING LINKS FOR FRONT AXLE, REPLACE IF NECESSARY	020	33126 07	
33-1418	REMOVE/INSTALL 2 SPRING LINKS FOR FRONT AXLE, REPLACE IF NECESSARY ON VEHICLE WITH ACTIVE BODY CONTROL	022	33126 07	
33-1414	REPLACE SUPPORTS ON BOTH SPRING LINKS (SPRING LINKS REMOVED)	006	33126 07	
33-1422	REPLACE 2 STRUT RODS ON FRONT AXLE	025	33122 07	
33-1424	REPLACE SUPPORTS ON BOTH STRUT RODS (STRUT ROD(S) REMOVED)	006	33122 07	
40-6500	PERFORM WHEEL ALIGNMENT CHECK	010	33126 07	