

Creaking noises from ABC suspension strut spring control arm joint

Topic number	LI32.50-P-063003
Version	3
Design group	32.50 Active Body Control (ABC)
Date	06-26-2017
Validity	Model 222, 217 With code 487 ABC
Reason for change	Damage code adapted, video added
Reason for block	

Complaint:

Creaking noise can be heard when driving off or braking, when rocking the vehicle when the vehicle is stationary.

Attachments	
File	Description
Knarzgeräusch Federlenker BR222-217.mp3	Creaking noises from spring control arm pedal joint on ABC suspension strut when rocking or jouncing the vehicle
Geräusch.mp4	Noise video of suspension strut pedal joint

Cause:

Possible lack of lubrication in the 30-mm pedal joint after long runtime, series conversion to optimized 32-mm pedal joint was carried out on June 17, 2014 (production day 168 in 2014).

The production date (day stamp) can only be checked on the left spring control arm when installed; the production day stamp is imprinted on the rubber bearing eye.

Remedy:

Replace both spring control arms.

Part numbers see EPC

Symptoms
Chassis/suspension / Suspension/Dampening / Active body control / Noises / Grunting
Chassis/suspension / Axle / Front axle / Noises / Grunting
Chassis/suspension / Axle / Front axle / Noises / Squeals
Chassis/suspension / Noises / Creaks

Parts

Attachments	
File	Description

XENTRY TIPS

Federlenker links.jpg	The left spring control arm can only be checked for the day stamp when installed. The day stamp is on the bottom of the rubber bearing eye. The production day is the middle number; the year is mentioned before it (e.g. XX 303 XXXX)
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Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
33-1418	REMOVE/INSTALL SPRING CONTROL ARMS (BOTH) FOR FRONT AXLE, REPLACE IF NECESSARY, VEH. WITH ABC		33T01 36	
33-1418	REMOVE/INSTALL SPRING CONTROL ARMS (BOTH) FOR FRONT AXLE, REPLACE IF NECESSARY, VEH. WITH ABC		33E01 36	

WIS-References			
Document number	Title	Note	Allocation
AR33.15-P-0170LF	Remove/install spring control arm at front axle	Replace both spring control arms	Remedy

Attachments

Federlenker links.jpg:

