

Creaking/squeaking on front axle suspension strut

Topic number	LI32.20-P-059959
Version	1
Design group	32.20 Steel springs/torsion bars, Niveaumat
Date	10-08-2014
Validity	MODEL 205 without CODE 489
Reason for change	Country distribution extended
Reason for block	

Complaint:

Creaking / squeaking from area of front axle on rough road (when suspension strut is deflected).

Attachments	
File	Description
1_Geräusch_Knarzen.mp3	Noise recording of creaking/squeaking

Cause:

When the suspension strut experiences strong deflection, the enlarging of the stop buffer causes the boot to come into contact with the head bearing's cup housing (noise may be generated in combination with relative movements between the boot and the cup).

Attachments	
File	Description
1_Geräusch Knarzen.JPG	Cause and remedy (Lubrication area for grease)

Remedy:

1. Raise vehicle at front axle.
2. Pull down stop buffer with boot.
3. Apply light coating of grease to boot in area between head bearing cup, see attachment: "Cause and remedy (Lubrication area for grease)".
4. Push stop buffer with boot back up to original position.
5. Lower vehicle.

Note: If and only if the problem persists after greasing, please create a PTSS case and a DTS front line agent will provide further instructions. Attach the following information to the case!

- Photo of labels on suspension strut/shock absorber, see attachment: "Photo of suspension strut label no. 1" and "Photo of suspension strut label no. 2".

Symptoms
Chassis/suspension / Chassis, noises / Grunting
Chassis/suspension / Chassis, noises / Howling/whistling/squeaking
Chassis/suspension / Chassis, noises / Creaking

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other ma- ke part
A 000 989 36 60			Grease	1	Silicon free	X	

Attachments

File	Description
Label_1_Federbein_205.JPG	Photo of suspension strut label no. 1
Label_2_Federbein_205.JPG	Photo of suspension strut label no. 2

Work units

Op. no.	Operation text	Time	Damage code	Note
32-1938	LUBRICATE STOP BUFFER WITH BOOT FOR SUSPENSION STRUT OF 1ST VEHICLE AXLE, LOCATION:.....	2 AW	32322 36	

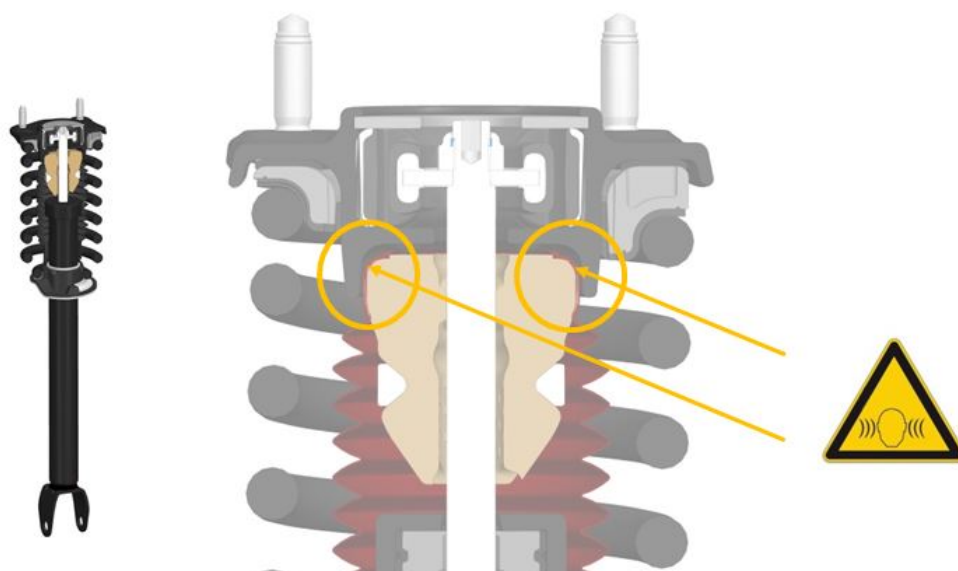
Validity

Vehicle	Engine	Transmission
205.002	*	*
205.003	*	*
205.004	*	*
205.008	*	*
205.009	*	*
205.012	*	*
205.036	*	*
205.037	*	*
205.040	*	*
205.042	*	*
205.045	*	*
205.049	*	*
205.066	*	*
205.140	*	*
205.142	*	*
205.145	*	*
205.204	*	*
205.208	*	*
205.209	*	*
205.212	*	*
205.236	*	*
205.237	*	*
205.240	*	*

205.242	*	*
205.245	*	*
205.266	*	*

Attachments

1_Geräusch Knarzen.
JPG:



Label_1_Federbein_205.
JPG:



Label_2_Federbein_205.
JPG:

