

Knocking noise from front left when turning left and simultaneously riding over a threshold or edge

Topic number	LI46.35-P-064639
Version	1
Design group	46.35 Electric steering
Date	08-09-2016
Validity	MODEL 205 except 4MATIC MODEL 213 except 4MATIC
Reason for change	
Reason for block	

Complaint:

Knocking noise could be heard at front left when driving through a left-hand corner and simultaneously riding over a threshold or edge (e.g. expansion gap). See noise video included in attachment.

The noise is mainly reproducible with a steering movement of approx. 270° to 360° to the left.

Attachments	
File	Description
knocking noise_left turn, model 205 4x2.mp3	Sound video

Cause:

Analysis in progress.

Remedy:

Driving procedure with fully turned steering, i.e. the steering gear is in the left end stop position, move to it again, while doing so the steering must be firmly held at the left end stop position.

If the noise can no longer be heard or if it is significantly quieter, the steering may be the reason for the noise.

Do not replace any parts. Issue a PTSS case including a recording (video with audio) of the sound being reproduced.

Symptoms
Chassis/suspension / Steering system / Noises / Cracking
Chassis/suspension / Steering system / Noises / Chattering/knocking
Chassis/suspension / Steering system / Noises / Clattering

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note

XENTRY TIPS

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