

Squeaking noise from area of lower steering shaft

Topic number	LI46.10-P-060550
Version	4
Design group	46.10 Steering wheel, casing tube, steering shaft, steering lock
Date	08-11-2016
Validity	Model 205 (up to 31.03.2015) Model 205 with code 700 (up to 31.10.2015)
Reason for change	Document for vehicles with code 700 adapted / period limited
Reason for block	

Complaint:

Squeaking noise from the area of the lower steering shaft or from the firewall boot.

Attachments	
File	Description
Noise file.mp3	Noise

Cause:

The guide tube detaches from the lower steering shaft (see video recording).

Remedy:

Replace lower steering shaft and boot.

Procedure:

1. Put vehicle on lifting platform.
2. Turn steering wheel to straight-ahead position and secure to prevent it from turning.
3. Remove lower steering shaft with boot.
4. Install new parts (see attachment) in the reverse order.

Notes:

1. The attachment lists all the parts required for the repair.
 - Order part 1 (bolt) and part 2 (boot) as per EPC.
 - Order part 3 (lower steering shaft) of parts list (available as of week 01/2015).
2. If the boot (part 2) is glued into the firewall or additionally sealed, then install the new

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boot together with the sealing cord A0019877046.

Attachments	
File	Description
Spare parts.pdf	Overview of parts

Symptoms
Chassis/suspension / Steering system / Noises / Beeping
Chassis/suspension / Steering system / Noises / Dragging/squealing
Chassis/suspension / Steering system / Noises / Humming/vibrations
Chassis/suspension / Steering system / Steering column adjustment / Clattering

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A2054600609			Lower steering shaft	1	LHD vehicles (all)	
A2054600309			Lower steering shaft	1	RHD vehicles (not code M005)	
A2054600609			Lower steering shaft	1	RHD vehicles with 4MATIC (with code M005)	
A2054601901			Lower steering shaft	1	Code 700	

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			46211 36	Steering shaft/steering column noise

WIS-References			
Document number	Title	Note	Allocation
AR46.10-P-8000LW	Remove/install steering coupling		Remedy
AR46.10-P-0621LW	Replace boot of steering shaft		Remedy