

Height adjustment of electric steering column adjustment inoperative

Topic number	LI46.15-P-057157
Version	5
Design group	46.15 Steering column adjustment
Date	04-02-2015
Validity	Model 231 up to vehicle ident. number WDD231XXXXF20500 Model 463 with code XZ2 (modification year 2012) up to VIN WDB463XXXXX213291
Reason for change	For remedy under point 4 "SCN coded" added
Reason for block	

Complaint:

Height adjustment of electric steering column adjustment is inoperative.

Cause:

Height adjustment moves to the top limit stop and jams.

Remedy:

- 1.) Move out the fore/aft adjustment to the end position.
 - 2.) Try to release the jamming by lightly striking the top of the steering wheel with the palm of your hand while simultaneously moving the adjusting switch (to the down position).
- If the jamming can be released, proceed to 4.). If it is not possible to release the jamming, proceed to 3.)
- 3.) Detach the upper steering column trim and release the jamming by applying light hammer blows to the shaft of the height adjustment. When doing so, move the adjusting switch to the down position after each hammer blow. Repeat this procedure until the jamming is released. Use a suitable aid (hammer handle / round wooden bar) to strike the shaft.
 - 4.) After the height adjustment has been released, the driver seat control unit (ESA-N32/1) must be programmed to the current software release, if there is no new software available you should have the latest software available. The driver seat control unit (ESA-N32/1) must be SCN coded in order to prevent any more jamming from occurring again.
 - 5.) To teach in the limit stop, briefly move the height adjustment once to the top and then to the bottom limit stop.

Important: Refer to the pictures and video in the attachment

Attachments	
File	Description
Bild 1.jpg	Installation location of height adjustment shaft
Bild 2.jpg	Tool positioning point on shaft for releasing jamming
Video1.mp3	Repair video

Symptoms
Chassis/suspension / Steering system / Steering column adjustment / Adjustment nonfunctional
Chassis/suspension / Steering system / Steering column adjustment / Does not adjust longitudinally
Chassis/suspension / Steering system / Steering column adjustment / Does not adjust in height

Chassis/suspension / Steering system / Steering column adjustment / Adjusts without obvious cause

Work units				
Op. no.	Operation text	Time	Damage code	Note
			46236 D6	Steering column adjustment motor for height adjustment has excessive resistance

Validity		
Vehicle	Engine	Transmission
231.457	*	*
231.473	*	*
231.474	*	*
231.479	*	*
463.202	*	*
463.204	*	*
463.206	*	*
463.207	*	*
463.208	*	*
463.209	*	*
463.215	*	*
463.218	*	*
463.220	*	*
463.221	*	*
463.222	*	*
463.224	*	*
463.225	*	*
463.227	*	*
463.228	*	*
463.230	*	*
463.231	*	*
463.232	*	*
463.233	*	*
463.235	*	*
463.236	*	*
463.237	*	*
463.238	*	*
463.240	*	*
463.241	*	*
463.242	*	*
463.243	*	*

463.244	*	*
463.245	*	*
463.246	*	*
463.247	*	*
463.248	*	*
463.249	*	*
463.250	*	*
463.254	*	*
463.270	*	*
463.271	*	*
463.272	*	*
463.273	*	*
463.274	*	*
463.300	*	*
463.303	*	*
463.304	*	*
463.306	*	*
463.307	*	*
463.308	*	*
463.309	*	*
463.315	*	*
463.318	*	*
463.320	*	*
463.321	*	*
463.322	*	*
463.323	*	*
463.324	*	*
463.325	*	*
463.327	*	*
463.328	*	*
463.330	*	*
463.331	*	*
463.332	*	*
463.333	*	*
463.335	*	*
463.336	*	*
463.338	*	*
463.340	*	*
463.341	*	*
463.346	*	*

Attachments

Bild 1.jpg:

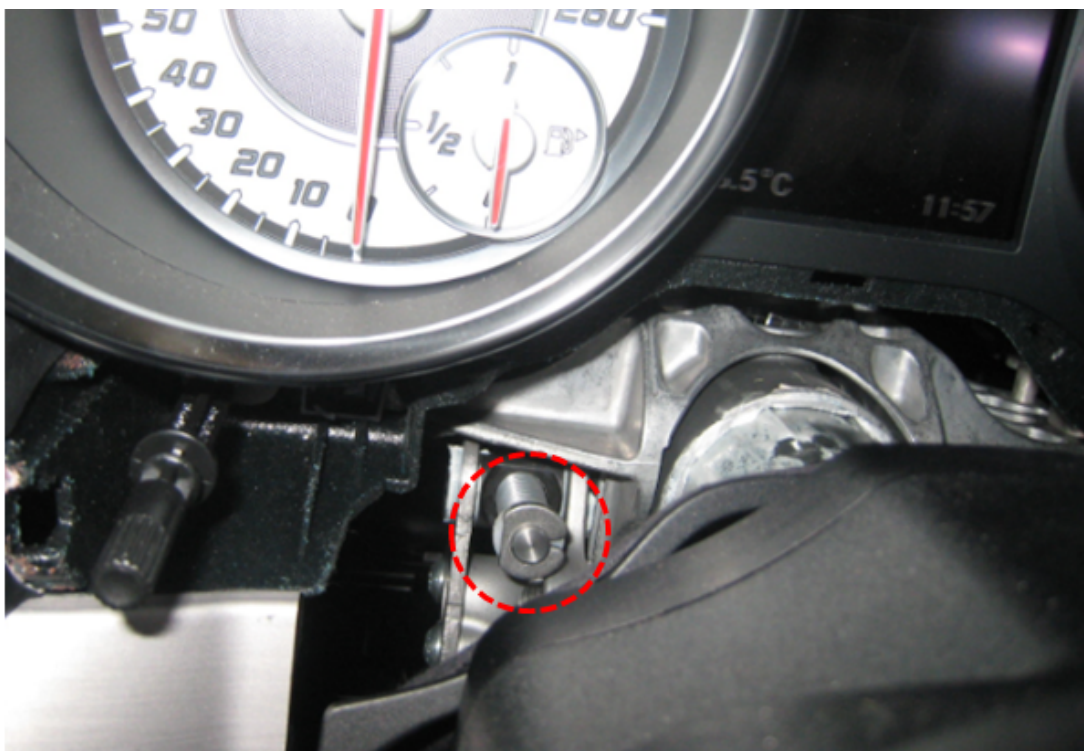


Bild 2.jpg:

