

Height adjustment of electric steering column adjustment jammed

Topic number	LI46.15-P-063353
Version	18
Function group	46.15 - Steering column adjustment
Date	6/9/25
Validity	Model 167 Model 205 Model 213 Model 223 Model 238 Model 253 Model 257 Model 290 Model 293 Model 463 Model 222 Model 217 Model 231 Model 206 Model 294 Model 295 Model 296 Model 297 Model 232 Model 214 Model 254
Reason for change	Verbiage

Complaint

Height adjustment of electric steering column adjustment jammed in the top/bottom adjustment position (e.g. with Easy Entry function), noise (breakaway noise) when leaving the limit stops of the height adjustment.

Cause

Height adjustment moves to the top/bottom limit stop and jams.

1. Driver seat control unit software
2. Steering column height adjustment transmission

Remedy

There are 2 repair procedures to follow depending on vehicle (differentiated according to model and vehicle manufacturing date)

1. Perform software update of driver's seat control unit
2. Replace repair kit for steering column height adjustment

Procedure 1: Perform software update of driver seat control unit.

ALL models except 205/253/293/222/217/231/463/213/238/257/290 up to special equipment code 801.

- Move out the fore/aft adjustment to the end position.
- Release jamming of height adjustment by knocking with palm of hand onto top of steering wheel/at the same time pressing adjustment switch downward
- After releasing the jam, perform a software update of the driver's seat control unit

If procedure 1 is not effective, there is no new software available for the driver seat control unit, or the chassis is not listed above (167, 223, 294, 206, 294, 295, 296, 297,232,214,254) then use procedure 2.

Procedure 2: Replace repair kit for steering column height adjustment.

- Move out the fore/aft adjustment to the end position.
 - Release jamming of height adjustment by knocking with palm of hand onto top of steering wheel/at the same time pressing adjustment switch downward
 - Remove footwell trim on driver's side.
 - Determine type version of height adjustment in XENTRY Parts Information and order appropriate replacement part (refer to attachment).
1. Version A: A 231 460 77 00
 2. Version B: A 205 460 38 03
- Remove steering column.
 - Remove height adjustment (adjustment repair kit).
 - Install repair kit (adjustment repair kit) (observe tightening torque for screws in attachment).
 - Install steering column.
 - If possible, flash driver seat control unit to latest software release or code SCN again.
 - Commission driver seat control unit (normalization of limit stops is deleted and learning process repeated).

Attachments	
File	Description
Nm.pdf	Bolt tightening torque, adjustment repair kit
Lenksäulenverstellung.pdf	Overview of versions, RS adjustment

Disclaimer

XENTRY Tips

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and safely perform diagnosis and repairs on Mercedes-Benz vehicles, using Mercedes-Benz approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and provides information that could assist in proper vehicle diagnosis, service, or repair. It does not indicate that a defect is present in any vehicle referenced in this document nor does it imply warranty coverage. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document, and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.

Symptoms
Chassis/suspension > Steering system > Steering column adjustment > Malfunction
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

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A2314607700			Adjustment repair kit	1	Version A	X
A2054603803			Adjustment repair kit	1	Version B	X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			46281H2	Transmission of steering column adjustment jams