

223 Driver Seat and/or Front Passenger Seat Cannot Be Adjusted

Topic number	LI91.16-P-073576
Version	1
Function group	91.16 - Head restraints
Date	5/20/26
Validity	Model series 223 with code P07 (Chauffeur Package) or 439 (EASY ADJUST luxury head restraint)
Reason for change	Manufacturing date up to 20.04.2021

Complaint

- Driver's seat and/or front passenger seat cannot be adjusted.
- Not possible to adjust front seats to memory preset.
- Head restraints of front seats cannot be adjusted.
- Cannot move to chauffeur mode/reclining seat position.

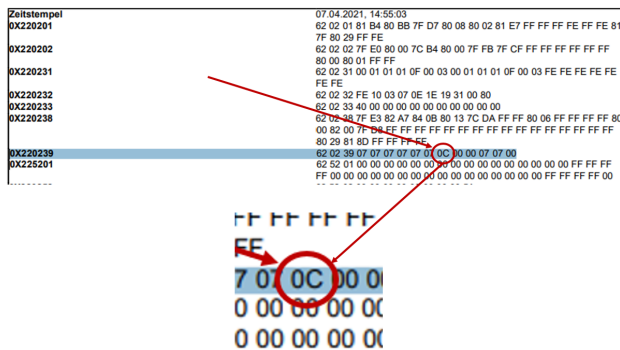
Fault identification:

→ Create log of seat control unit (both conditions must be met)

1. Fault B1F7E54 "Head restraint inclination adjustment not normalized. No calibration." stored in fault memory.
2. Value "0C" present in seat control unit log service 0X220239 (see attachment "seat control unit log").

If fault B1FBB15 "Malfunction in 'Head restraint inclination' switch. There is a short circuit to positive or an open circuit."

is also stored in the fault memory, the cause might also be due to the wiring or terminal contacts.

Attachments	
File	Description
<div style="border: 1px solid black; padding: 5px;"> <p>seat control unit protocol.PNG.png</p>  <p>The screenshot shows a log of data points with timestamps and hexadecimal values. A red circle highlights the value '0C' in the '0X220239' entry, which is also indicated by a red arrow from the text above. Below the main log, a zoomed-in view shows the hex value '70 0C 00' with '0C' circled in red.</p> </div>	<p>Service 0X220239</p>

Cause

Faulty head restraints

Remedy

Replace the affected head restraint

WIS-References		
Document number	Title	Note
ar91.16-p-0040s	Remove/install head restraint on front seat	

Disclaimer

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
Body > Seat > Seat adjustment > Function error
Body > Seat > Head restraint adjustment > Malfunction, folding down/up

Control unit/fault code	
Control unit	Fault text
N32/2 - Electrical seat adjustment 'Front passenger' without memory function (ESA 'Front passenger') (SEA-T_P223)	B1F7E54 - Normalization of inclination adjustment of the head restraint not yet performed. Calibration is missing.

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
		H	91R0P73	Use this Damage Code when submitting for warranty