

Model Series 223: Overhead Control Panel With Various Malfunctions

Topic number	LI82.20-P-073523
Version	1
Function group	82.20 - Interior lights
Date	3/10/25
Validity	BR223
Reason for change	

Complaint

The overhead control panel can have various complaints, e.g.:

- Failure of overhead control panel lighting
- Failure of sliding sunroof actuation
- Failure of interior temperature sensor
- etc.

Cause

Overhead control panel complaints can be caused by an obsolete software release.

Remedy

*** It is not necessary to replace the overhead control panel ***

Before updating the software of the overhead control panel, implement the following steps:

1. Detach overhead control panel
2. Disconnect overhead control panel (disconnecting the overhead control panel causes it to reset)
3. You must wait 15 seconds after disconnection before the overhead control panel can be reconnected
4. Connect overhead control panel
5. Conduct overhead control panel software update

If fault code B22A341 is visible AFTER the software update, then this fault code can be ignored.

This fault code has no impact on the customer or the function.

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 > Roof system > Tilting/sliding sunroof system > Does not close

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Body > Interior equipment > Garage door opener > Malfunction

Lighting > Interior illumination > Interior lamp > Does not go on

Lighting > Interior illumination > Reading lights > Does not go on

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 000 902 81 82			SW21/15.01	1		X

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
	Removing/installing overhead control panel; detaching and reattaching overhead control panel; performing software update	7	8230290	