

Soft Top Opening or Closing Function Impaired

Topic number	LI77.30-P-078299
Version	2
Function group	77.30 - Vario roof, soft top - complete
Date	10/22/24
Validity	Model designation 236.4xx
Reason for change	Picture added

Complaint

For a problem involving the soft top opening/closing function in combination with the cited fault code, the retainer lock (4) on the closure of the soft top compartment cover may no longer be seated in its position.

WIS-References		
Document number	Title	Note
AR77.30-P-0999-03WEA	Release soft top compartment cover using emergency actuation	WIS document currently still being revised
AR77.30-P-0999-04WEA	Lock soft top compartment cover using emergency actuation	WIS document currently still being revised

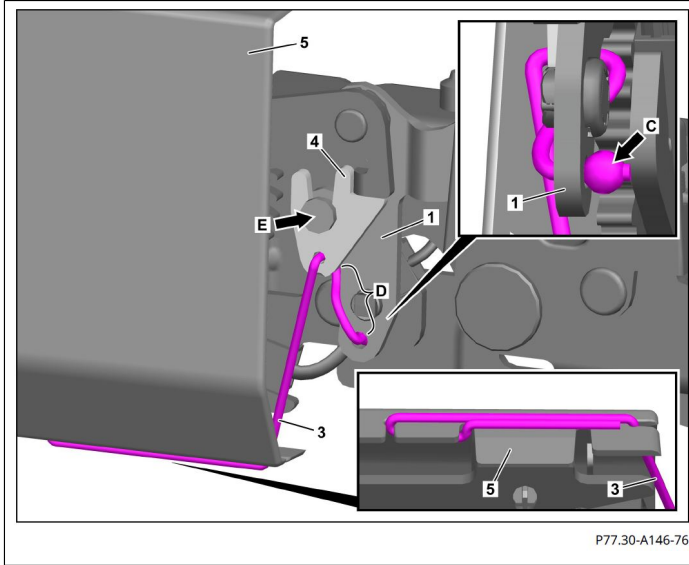
Cause

The control cable may have become detached from its tray and pulled off the retainer lock as a result

Remedy

Cut through control cable (3) at knot (C) and remove from vehicle. Then install retainer lock (4) again in the position described in WIS.

Attachments	
File	Description
Cordel_1.JPG	



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 > Convertible top/vario roof > Malfunction	
Control unit/fault code	
Control unit	Fault text
N22/6 - Rear control unit (SG-FOND) (CRCM232)	B257A63 - The actuator motor 'Lock of soft top compartment cover' has a malfunction. The duration of the actuation was exceeded: overload protection is active.
	B257A13 - The actuator motor 'Lock of soft top compartment cover' has a malfunction. There is an open circuit.
	B257A12 - The actuator motor 'Lock of soft top compartment cover' has a malfunction. There is a short circuit to positive.
	B257A11 - The actuator motor 'Lock of soft top compartment cover' has a malfunction. There is a short circuit to ground.
	B257A01 - The actuator motor 'Lock of soft top compartment cover' has a malfunction. There is a general electrical fault.

	B257A77 - The actuator motor 'Lock of soft top compartment cover' has a malfunction. The commanded position cannot be reached.
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Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			7502Z73	Retainer lock stuck on closure for soft top compartment cover