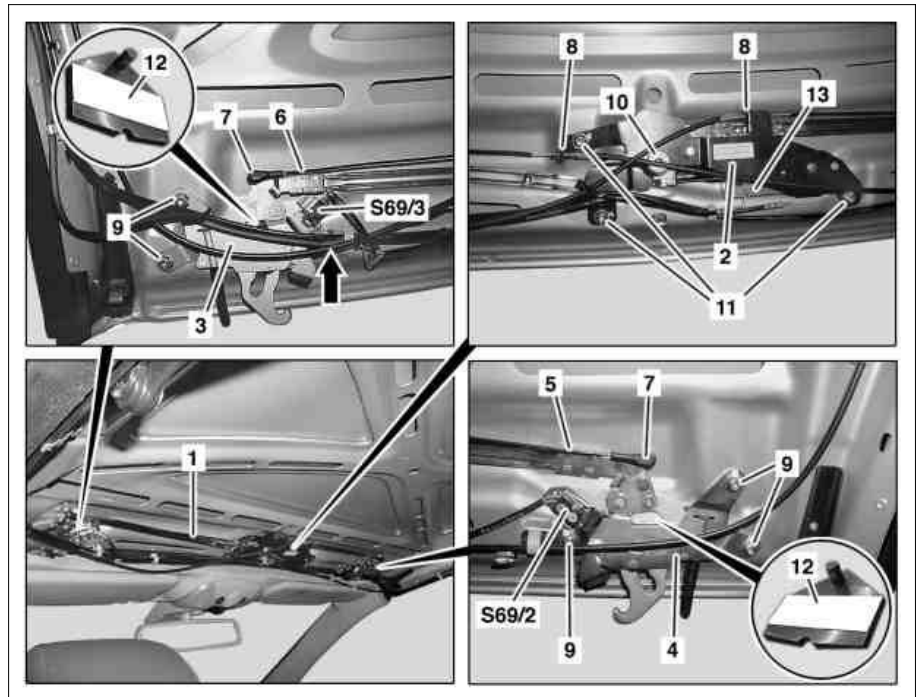


MODEL 230.4 except CODE (P99) "AMG Black Series" special model

- 1 Front catch
- 2 Center catch section
- 3 Left catch outer section
- 4 Right outer section of catch
- 5 Left control cable
- 6 Right control cable
- 7 Ball socket
- 8 Clip-type fastener
- 9 Bolts
- 10 Emergency unlocking
- 11 Bolts












P77.33-2047-06

- 12 Spacer
- 13 Hydraulic cylinder

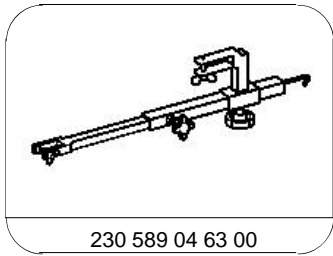
- S69/2 Vario roof "locked" limit switch (right rotary tumbler)
- S69/3 Vario roof "locked" limit switch (left rotary tumbler)

☒	Removing		
⚠ Danger!	Risk of injury caused by moving parts that can pinch, crush or, in extreme cases, even sever extremities	No parts of the body or limbs should be within the operating range of the mechanism when moving components.	AS00.00-Z-0009-01A
⚠ Danger!	Risk of injury caused by body parts being trapped or crushed when working on partially open Vario roof (stop mode) or in its closing area as a result of the Vario roof suddenly collapsing	Secure Vario roof with a suitable special tool.	AS77.50-Z-0001-01A
!i	Notes on Vario roof assembly work		AH77.30-P-0002-01R
1	Remove paneling from front Vario roof		AR68.30-P-4350R
2	Remove support for securing intermediate position of Vario roof and close Vario roof with Vario roof switch	☒	*230589046300
3	Switch off the ignition and remove the transmitter key from the EIS [EZS] control unit	!i On vehicles with code (889) Keyless-Go, press KEYLESS-GO start/stop button repeatedly until ignition is switched off. Remove the Keyless Go chipcard or transmitter key from vehicle and store beyond reach of the transmitter (at least 2 m).	
4	Expose electrical and hydraulic lines, left Bowden cable (5) and right Bowden cable (6) on Vario roof front section in area of front lock (1).	!i Mark installation position of electric and hydraulic lines as well as left Bowden cable (5) and right Bowden cable (6). The designation of the left Bowden cable (5) and right Bowden cable (6) refers to the installation location of the corresponding C-pillar lock.	
5	Unclip ball socket (7) on Bowden cable (5) from right lock outer section (4) and ball socket (7) on right Bowden cable (6) from left lock outer section (3) with suitable screwdriver.		
6	Mark position of clips (8) on left Bowden cable (5) and right Bowden cable (6)		
7	Remove clips (8) and remove left Bowden cable (5) as well as right Bowden cable (6) from lock center section (2).		
8	Unscrew bolts (9, 11) and concealed bolt (arrow).		
9	Unlock front catch (1) from emergency unlocking (10)		

10	Remove front catch (1) together with spacer (12)	 Slightly lift Vario roof front section and clamp an approx. 2 to 3 cm thick intermediate piece, e.g. wooden board, between Vario roof front section and crossmember above windshield.	
11	Unclip Vario roof "locked" limit switch (right rotary tumbler) (S69/2) from right catch outer section (4) and Vario roof "locked" limit switch (left rotary tumbler) (S69/3) from left catch outer section (3) with suitable screwdriver		
12	Remove hydraulic cylinder (13) from catch center section (2)	 Do not actuate Vario roof switch when hydraulic cylinder (13) is removed, otherwise hydraulic cylinder (13) can be damaged.	
	Install		
13	Install hydraulic cylinder (13) on catch center section (2).		
14	Clip Vario roof "locked" limit switch (right rotary tumbler) (S69/2) into right catch outer section (4) and Vario roof "locked" limit switch (left rotary tumbler) (S69/3) into left catch outer section (3)		
15	Position front lock (1) together with spacers (12) on Vario roof front section and tighten bolts (9) as well as concealed bolt (arrow).		*BA77.33-P-1001-01A
16	Tighten bolts (11) up to contact surface	 Do not tighten down the bolts (11).	
17	Hook left Bowden cable (5) and right Bowden cable (6) into holding lug on catch center section (2).		
18	Slightly lift Vario roof front section and remove intermediate piece between Vario roof front section and crossmember above windshield.		
19	Unlock front catch (1) with emergency unlocking (10), lock and unlock again		
20	Tighten bolts (11)		*BA77.33-P-1001-01A
21	Hook left Bowden cable (5) and right Bowden cable (6) into mounts on catch center section (2) and press on clips (8).	 Pay attention to installation markings.	
22	Clip ball socket (7) on Bowden cable (5) into right catch outer section (4) and ball socket (7) on right Bowden cable (6) into left catch outer section (3).		
23	Fasten electric and hydraulic lines as well as left Bowden cable (5) and right Bowden cable (6) to Vario roof front section	 Observe installation markings for electric and hydraulic lines as well as left Bowden cable (5) and right Bowden cable (6). When the electric and hydraulic lines as well as the left Bowden cable (5) and right Bowden cable (6) are routed incorrectly, they can be damaged. Replace all cable ties and clips, otherwise permanent mounting of the components is not ensured.	
24	Check adjustment of Bowden cables for locking to C-pillar: correct if necessary.		AR77.33-P-3470R
25	Move Vario roof with Vario roof switch to intermediate position and secure		AR77.50-P-3000-01R *230589046300
26	Install paneling at front of Vario-roof		AR68.30-P-4350R

 **Soft top mechanical components**

Number	Designation	Model 230
BA77.33-P-1001-01A	Bolt of catch on Vario roof	Nm 10



230 589 04 63 00

Support