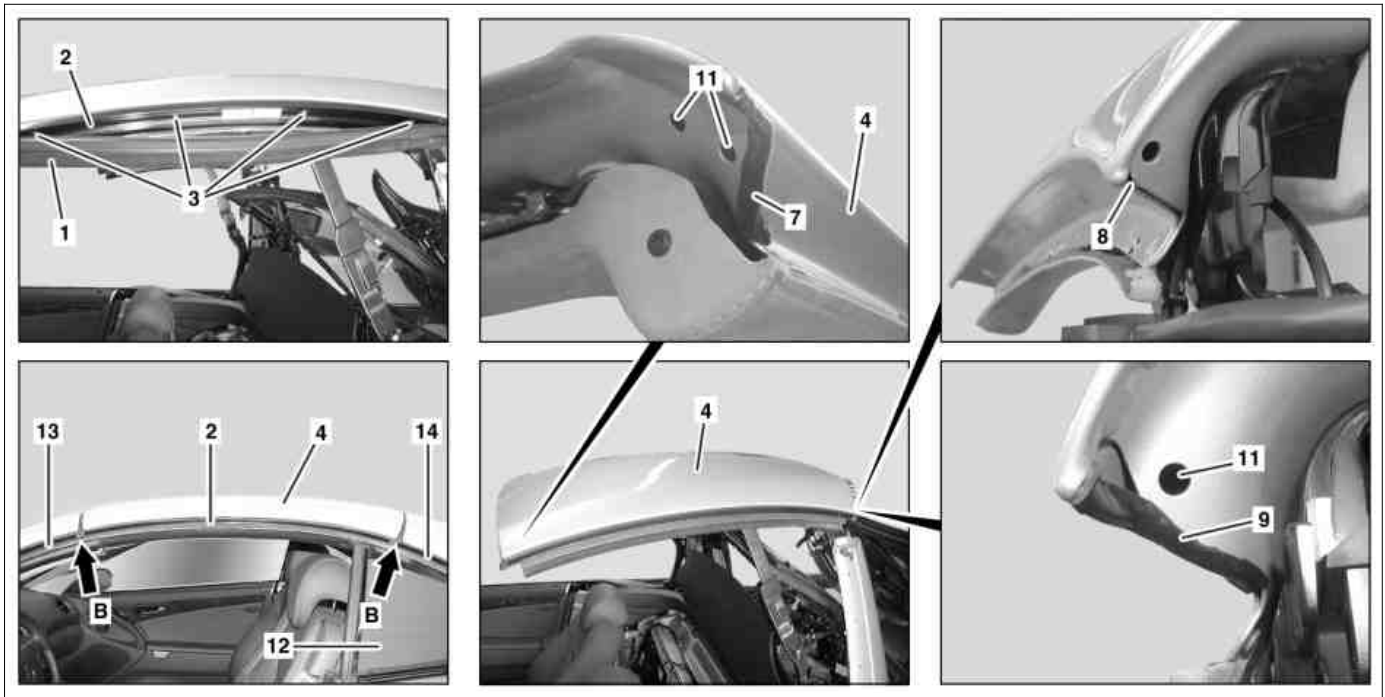


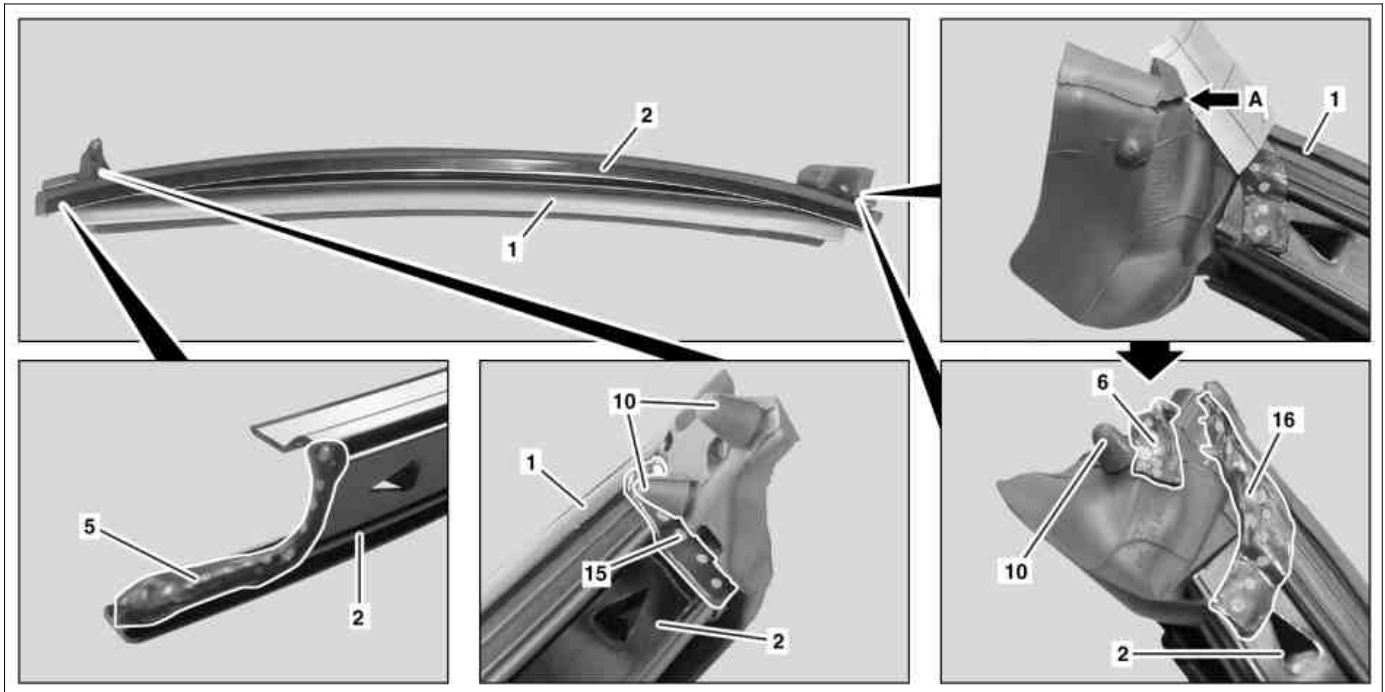
MODEL 230.4 except CODE (P99) "AMG Black Series" special model



P77.50-2203-09

Shown on left side of Vario roof

- 1 Gasket
- 2 Retaining rail
- 3 Bolts
- 4 Vario roof front section
- 7 Butyl tape
- 8 Joint
- 9 Butyl tape
- 11 Holes
- 12 Rear side window
- 13 A-pillar retaining rail
- 14 C-pillar retaining rail





























P77.50-2204-09

Shown on left side of Vario roof

- 1 Gasket
- 2 Retaining rail
- 5 Butyl tape
- 6 Butyl tape
- 10 Pin
- 15 Butyl tape
- 16 Butyl tape

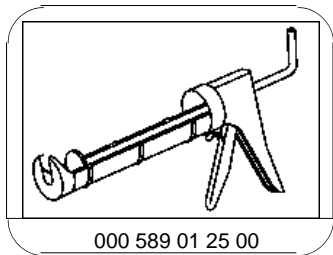
☒	Removing		
⚠ Danger!	Risk of injury caused by moving parts that can pinch, crush or, in extreme cases, even sever extremities	No parts of the body or limbs should be within the operating range of the mechanism when moving components.	AS00.00-Z-0009-01A

 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
1	Move Vario roof with Vario roof switch to intermediate position and secure		AR77.50-P-3000-01R *230589046300
2	Pull seal (1) out of left and right retaining rail (2) until bolts (3) are accessible		
3	Unscrew bolts (3) and remove retaining rail (2) from Vario roof front section (4) together with seal (1)		
4	Remove retaining rail (2) from seal (1)		
5	Remove sealant residues from Vario roof front section (4) as well as retaining rail (2) and clean sealing surfaces	 The sealing surfaces must be absolutely dry, free of dust and grease to prevent leaks.  Observe drying time for cleaning agent Cleaner	*BR00.45-Z-1025-04A
	Install		
6	Install butyl tape (5) on front end of retaining rail (2) as illustrated and fold over	 Do not touch butyl tape (5) with bare fingers to prevent leaks.  Length of butyl tape (5), approx. 40 mm. Sealing strip	*BR00.45-Z-1083-01A
7	Insert retaining rail (2) into new seal (1)	 Carefully insert seal (1) into retaining rail (2) to prevent damaging seal (1). Do not touch or soil surfaces where butyl tapes (6, 15, 16) are later installed to prevent leaks.	
8	Install butyl tape (15) on front end of retaining rail (2) as illustrated and fold over	 Do not touch butyl tape (15) with bare fingers to prevent leaks.  Length of butyl tape (15), approx. 30 mm. Sealing strip	*BR00.45-Z-1083-01A
9	Close cutout (arrow A) at rear end of seal (1) with butyl tape (6) as illustrated	 Do not touch butyl tape (6) with bare fingers to prevent leaks.  Length of butyl tape (6), approx. 20 mm. Sealing strip	*BR00.45-Z-1083-01A
10	Install butyl tape (16) on rear end of retaining rail (2) as illustrated and fold over	 Do not touch butyl tape (16) with bare fingers to prevent leaks.  Length of butyl tape (16), approx. 40 mm. Sealing strip	*BR00.45-Z-1083-01A
11	Install butyl tape (7) at front corner of Vario roof front section (4) as illustrated and press on	 Do not touch butyl tape (7) with bare fingers to prevent leaks.  Length of butyl tape (7), approx. 60 mm. Sealing strip	*BR00.45-Z-1083-01A
12	Completely fill joint (8) at rear end of Vario roof front section (4) with butyl tape (9) as illustrated	 Do not touch butyl tape (9) with bare fingers to prevent leaks.  Length of butyl tape (9), approx. 60 mm. Sealing strip	*BR00.45-Z-1083-01A
13	Position retaining rail (2) with seal (1) on Vario roof front section (4) and press front and rear pin (10) on seal (1) into corresponding holes (11) in Vario roof front section (4)		
14	Install retaining rail (2) with seal (1) to Vario roof front section (4). Position bolts (3) only, do not tighten	 It must be still possible to move the retaining rail (2).	
15	Firmly press seal (1) to front and rear corner of Vario roof front section (4)		
16	Switch on ignition and open rear side window (12)		
17	Remove support for securing intermediate position of Vario roof and close Vario roof with Vario roof switch.		*230589046300
18	Center retaining rail (2) with seal (1) between sealing joints (arrows B)	 The retaining rail (2) must be flush with the contour of the Vario roof front section (4). Ensure that the transition of the retaining rail (2) to the A-pillar retaining rail (13) and C-pillar retaining rail (14) is uniform.	

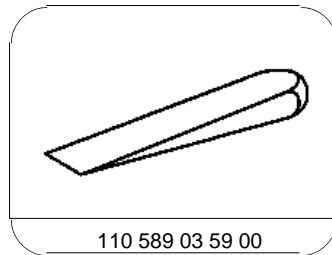
19	Tighten screws (3)		*BA77.50-P-1008-01A
20	Additionally seal on side of front Vario roof  WF Additionally seal injection nozzle for seal on Vario roof at front side	 Sealant	AR77.50-P-4200-02R *000589012500 *BR00.45-Z-1048-01A WF58.50-P-7750-01R
21	Use installation wedge to press seal (1) into retaining rail (2). Then determine, by visual inspection, whether seal (1) completely arrests in retaining rail (2); if necessary, correct seat of seal (1)	 The assembly wedge should not have any sharp edges to prevent damaging the seal (1). 	*110589035900
22	Remove extending sealant residues		
23	Check whether front crank window runs properly into seal (1); if necessary, correct position of retaining rail (2)		
24	Perform rain test in repair area		

 **Hardtop**

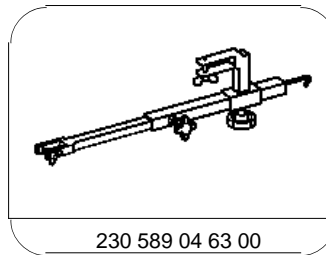
Number	Designation	Model 230
BA77.50-P-1008-01A	Screw, seal retaining rail to Vario roof front section	Nm 2



Hand pressure gun



Mounting wedge



Support

Repair materials

Number	Designation	Order number
BR00.45-Z-1048-01A	Window sealant, black 310 ml	A 001 989 31 20
BR00.45-Z-1083-01A	Rear window sealing strip, Butyl tape 880×10×2 mm	A 002 989 35 98
BR00.45-Z-1025-04A	Cleaner	A 005 989 19 71