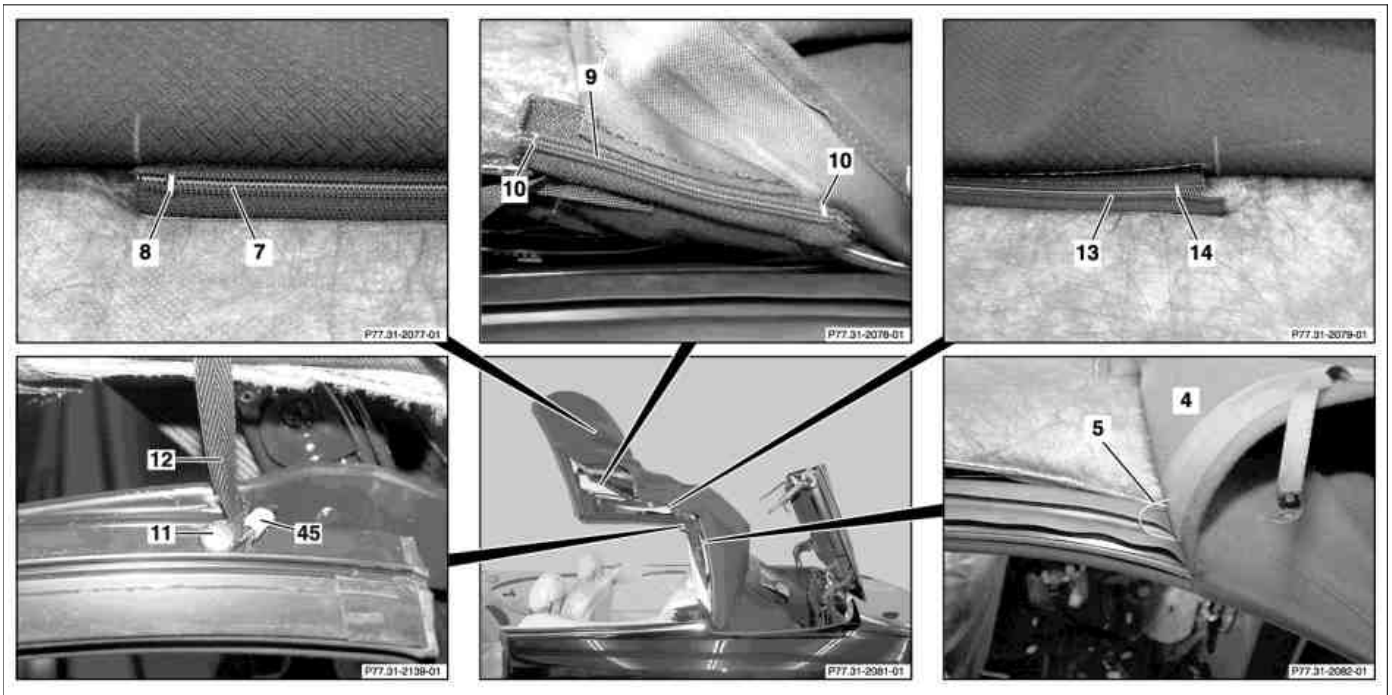


P77.31-2159-09

- 1 Bolts  
2 Roof peak  
3 Rubber seal

- 4 Soft top canvas  
5 Tension cable

- 6 Rivet  
49 Fabric tape

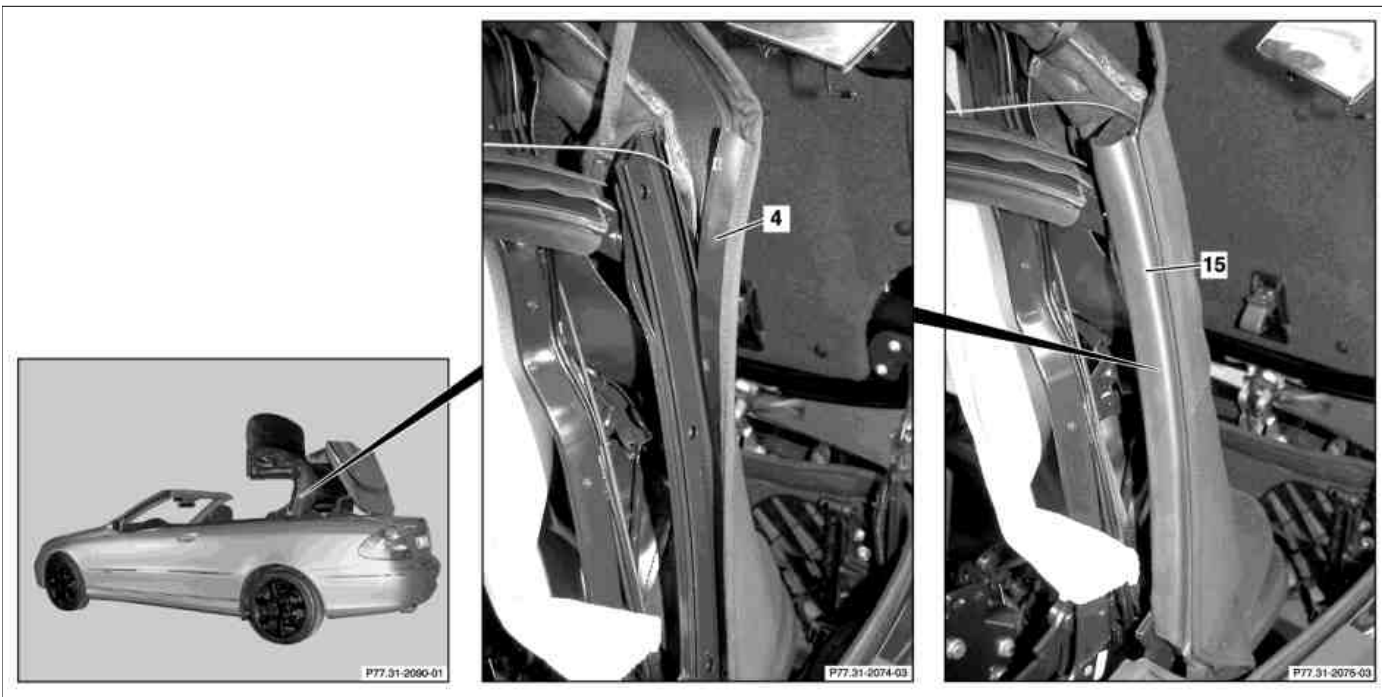


P77.31-2140-09

- 4 Soft top canvas  
5 Tension cable  
7 Zipper  
8 Clamp

- 9 Zipper  
10 Clips  
11 Rivet  
12 Fabric tape

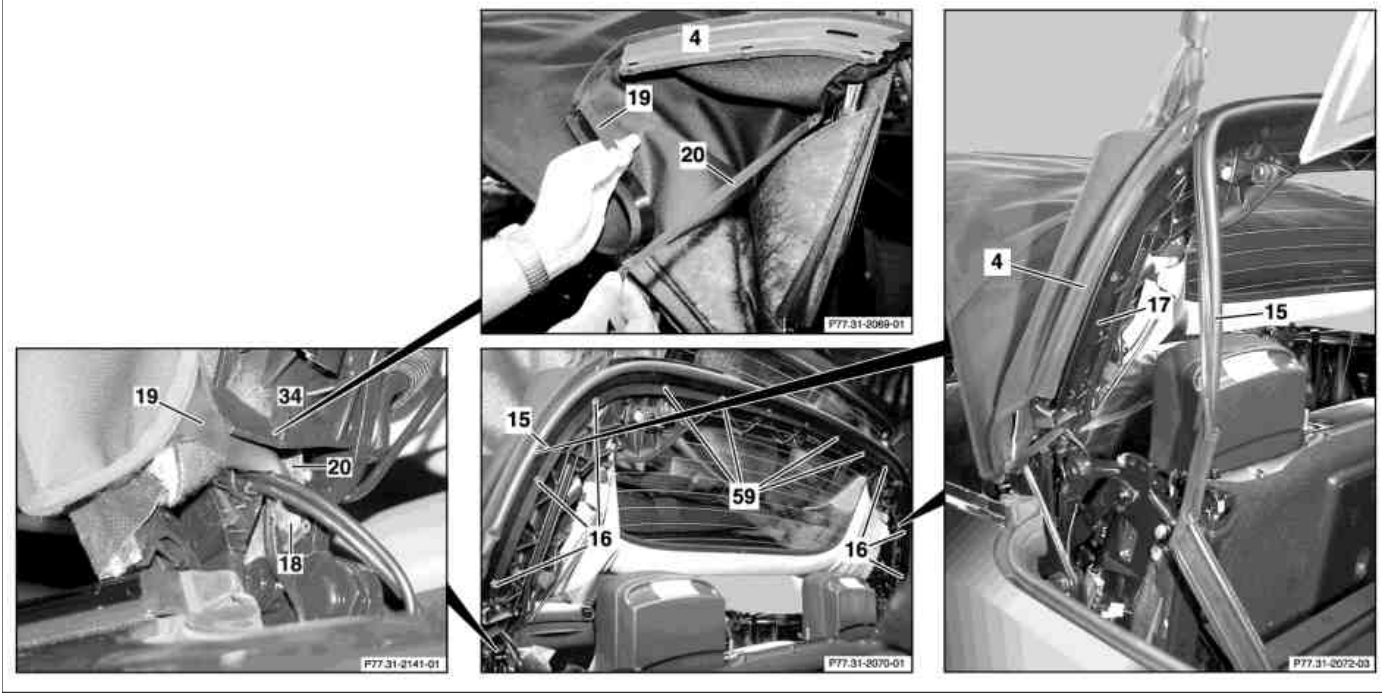
- 13 Zipper  
14 Clamp  
45 Tension cable



P77.31-2076-09

4 Soft top canvas

15 Rubber seal

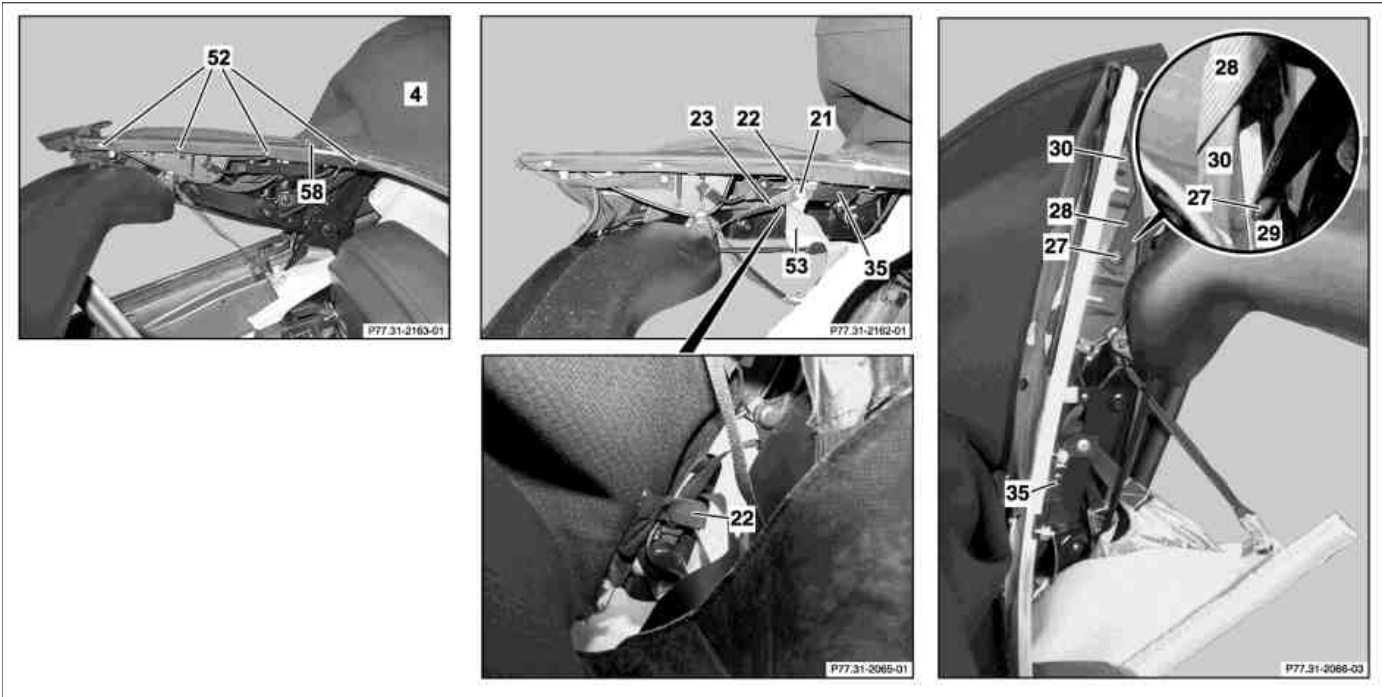


P77.31-2142-09

4 Soft top canvas  
15 Rubber seal  
16 Bolts

17 Retaining rail  
18 Rivet  
19 Plastic textile strap

20 Fabric tape  
34 Soft top bow  
59 Bolts

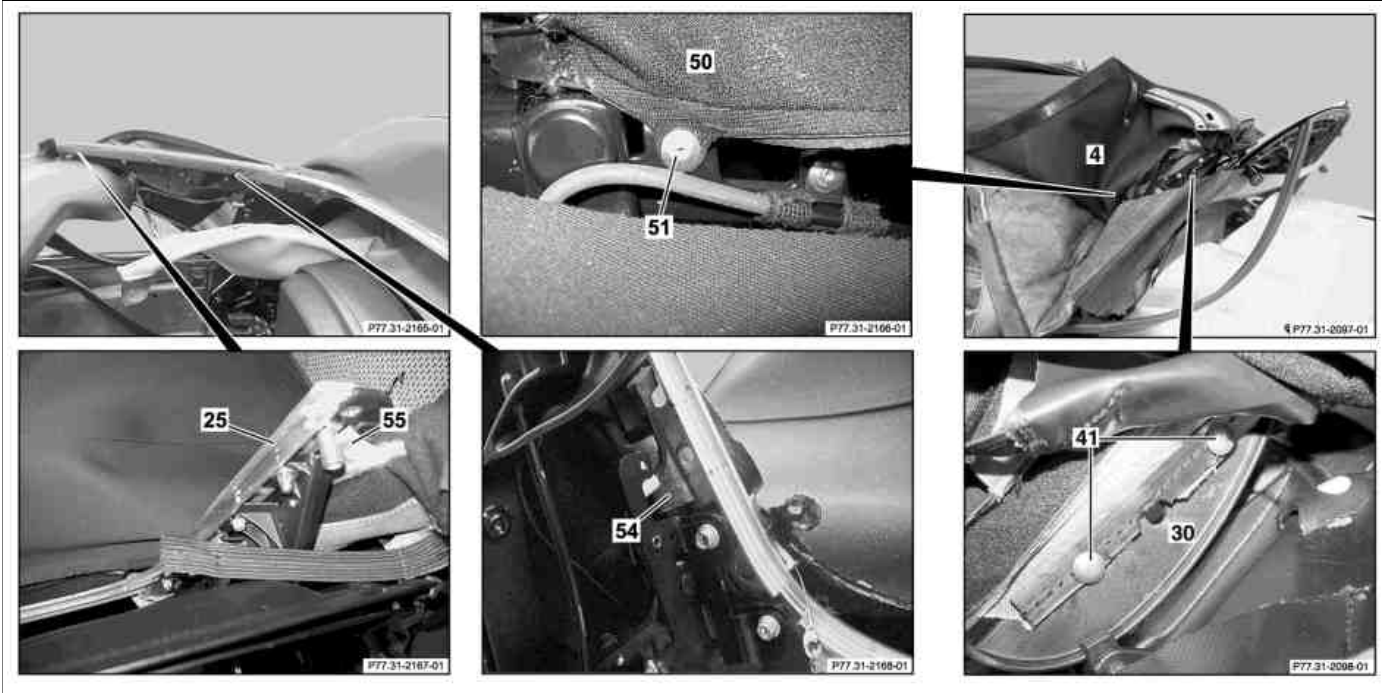


P77.31-2161-09

- 4 Soft top canvas
- 21 Rivet
- 22 Elastic band
- 23 Fabric tape

- 27 Plastic clip
- 28 Elastic band
- 29 Elastic band
- 30 Slider

- 35 Hinge for rear window frame
- 52 Rivets
- 53 Plastic textile strap
- 58 Lug

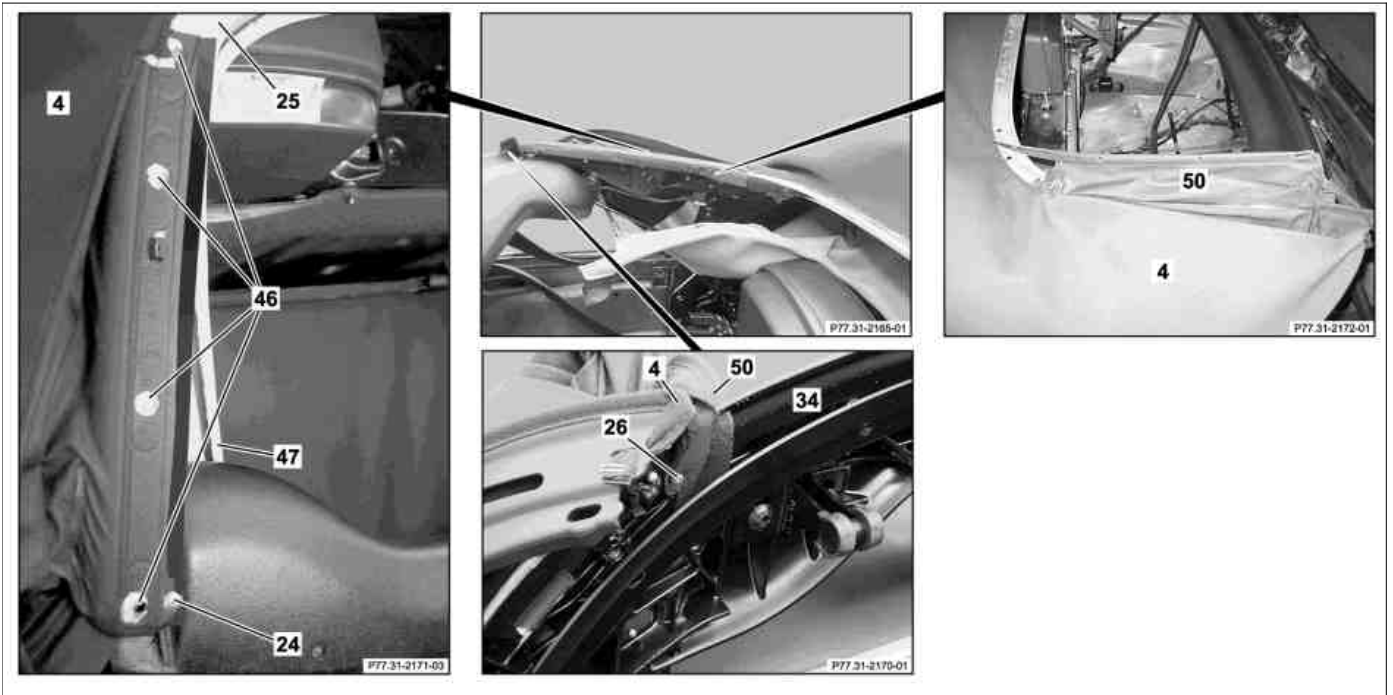


P77.31-2164-09

- 4 Soft top canvas
- 25 Rear window frame
- 30 Slider

- 41 Rivets
- 50 Water bag
- 51 Rivet

- 54 Upper lug
- 55 Lower lug



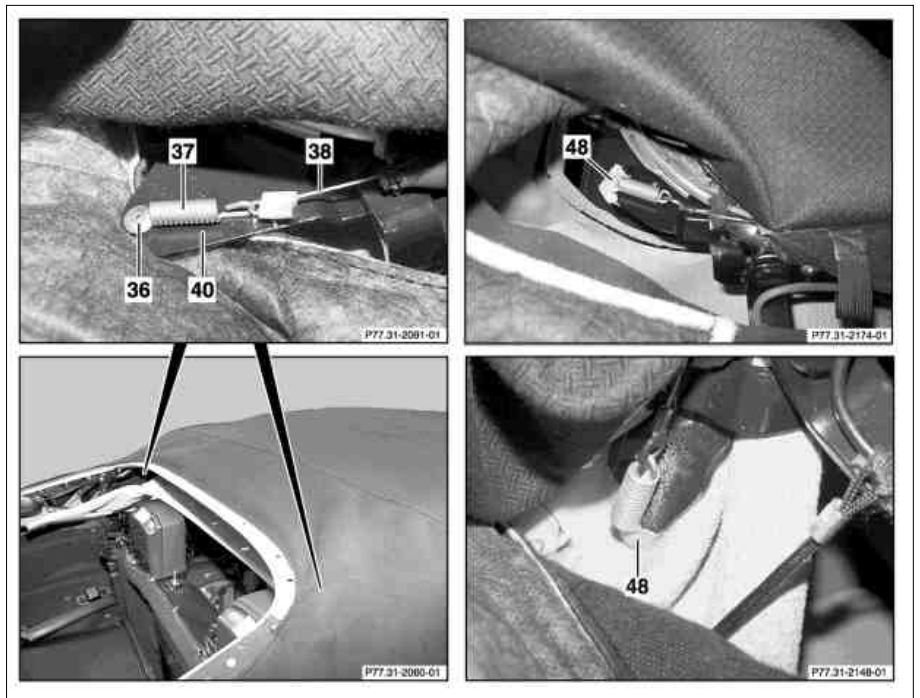
P77.31-2169-09

- 4 Soft top canvas
- 24 Rivet
- 25 Rear window frame

- 26 Rivet
- 34 Soft top bow
- 46 Holes

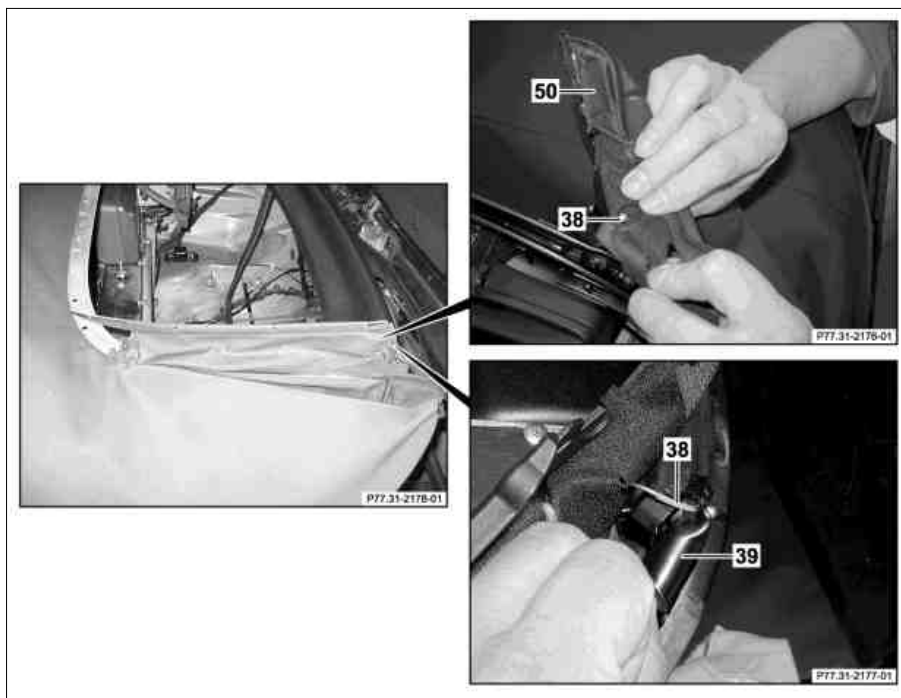
- 47 Hole
- 50 Water bag

- 36 Rivet
- 37 Spring
- 38 Tension cable
- 40 Soft top frame
- 48 Adhesive fabric tape

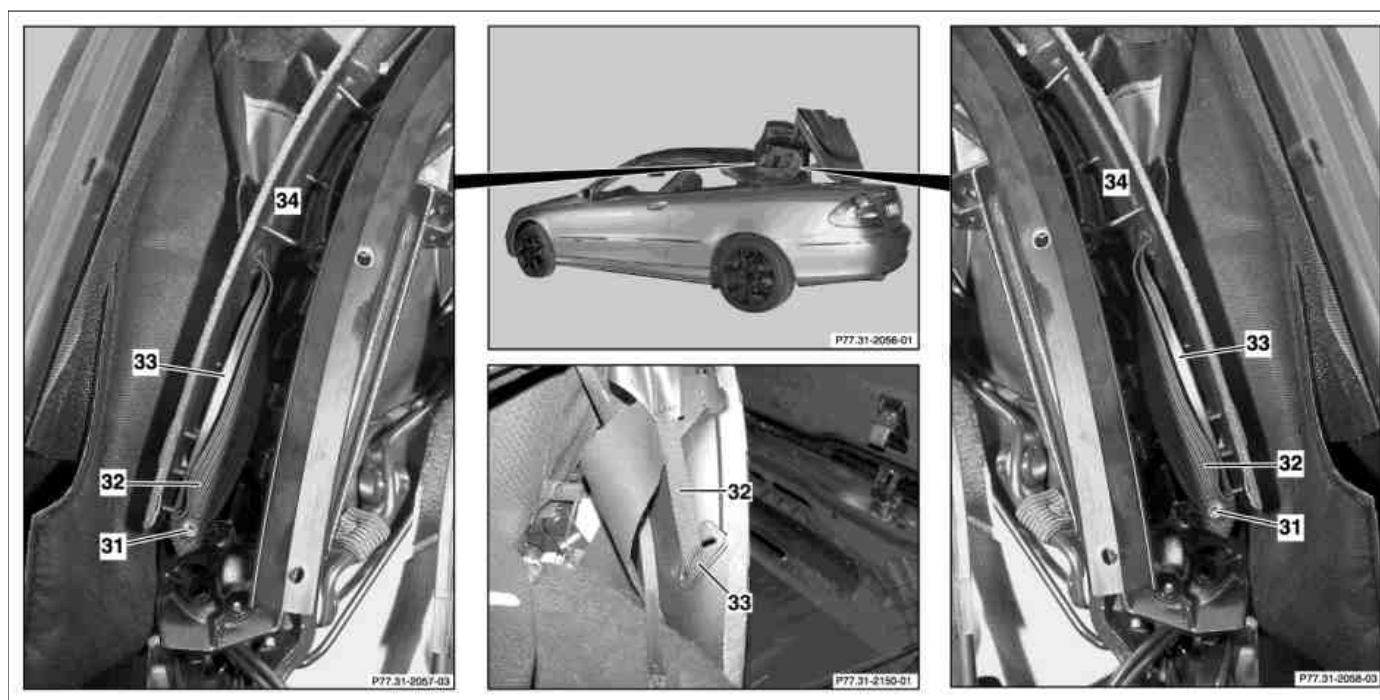


P77.31-2173-06

- 38 Tension cable
- 39 Retaining bracket
- 50 Water bag



P77.31-2175-06

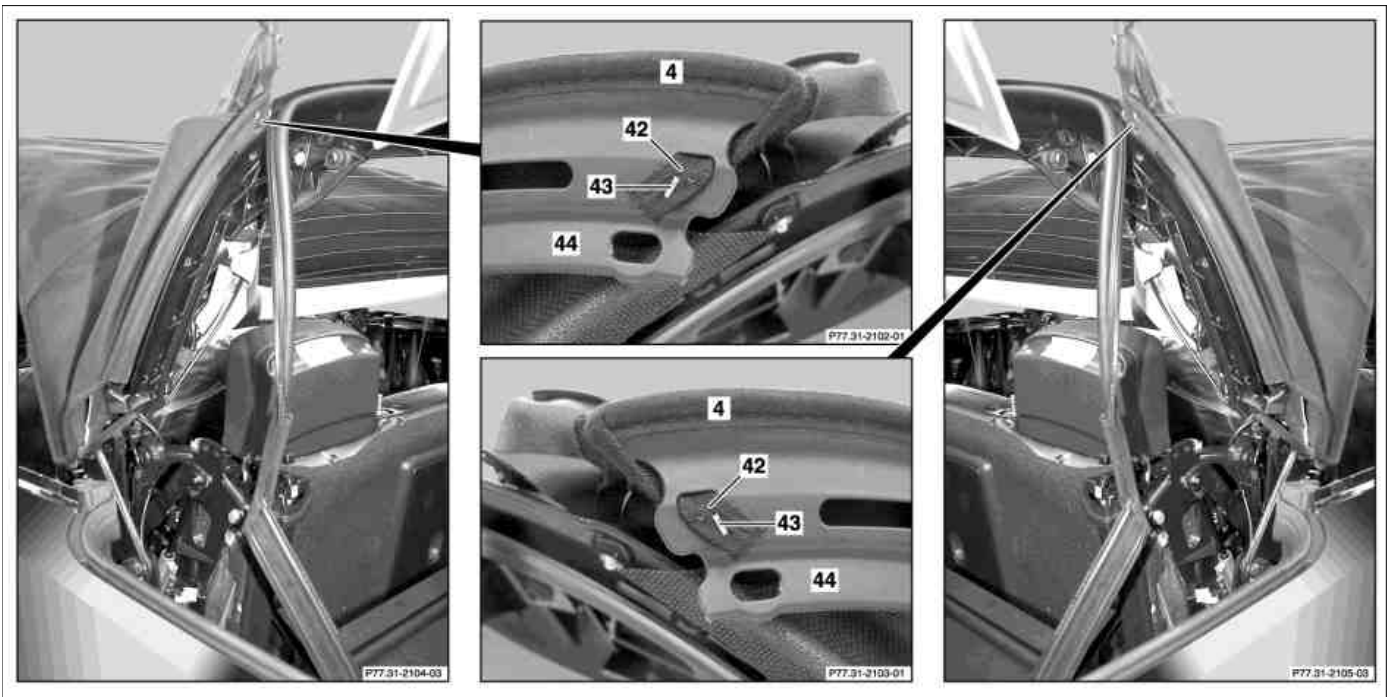


P77.31-2151-09

- 31 Screw
- 32 Elastic band

33 Guide

34 Soft top bow



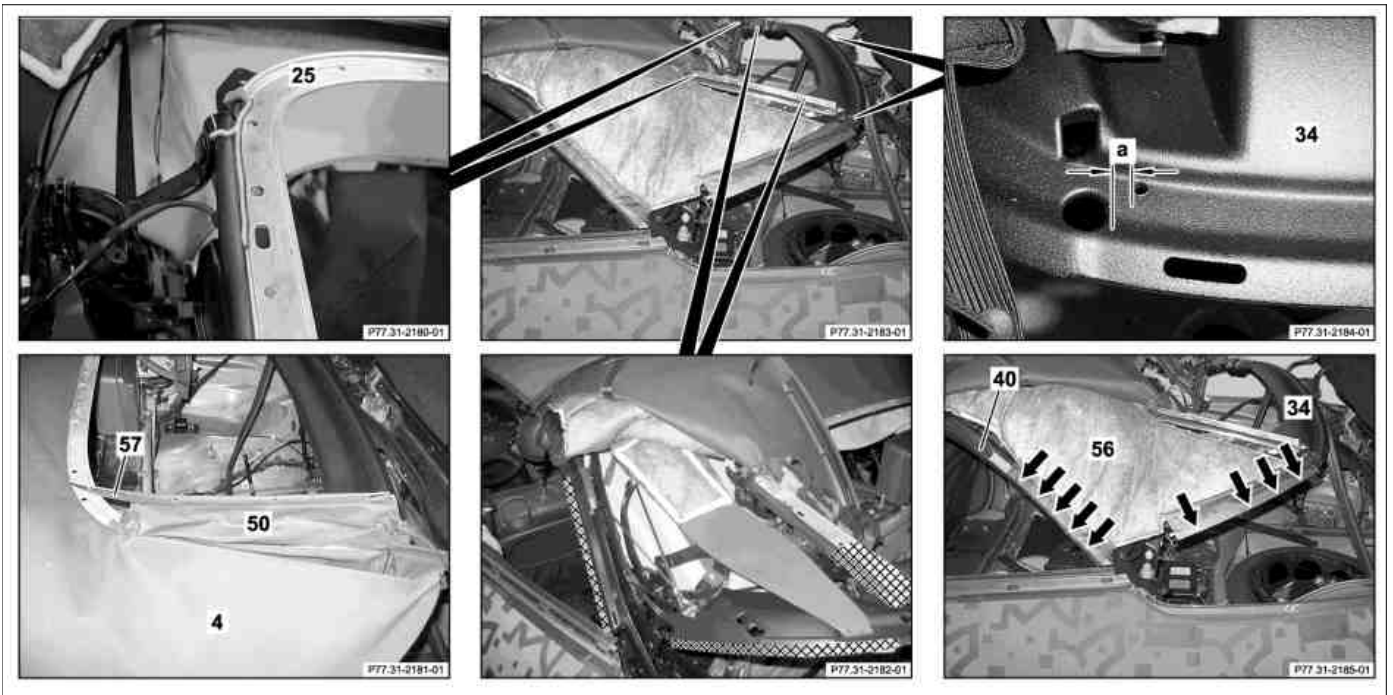
P77.31-2106-09

4 Soft top canvas

42 Fabric straps

43 Clamp

44 Plastic rail



P77.31-2179-09

4 Soft top canvas

25 Rear window frame

34 Soft top bow

40 Soft top frame

50 Water bag






























56 Upholstery mat

57 Plastic insert

**Dimensions:**


a approx. 7 mm

	<b>Remove/install</b>		
<b>Danger!</b>	Risk of injury when performing check and repair work in area of roll bar	Before working in the area of the roll bar, pull out the rear head restraints by hand. Keep body parts out of the area where the roll bar extends.	AS91.00-Z-0003-01QA
<b>Danger!</b>	<b>Risk of injury</b> caused by moving parts that can <b>pinch, crush</b> or, in extreme cases, even <b>sever</b> 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
	General information on riveting		AH60.00-P-0003-01N

1	Cover vehicle in rear area	 To prevent scratching the paint during assembly work.	
2	Release soft top at front	 Set up soft top frame at front	
3	Lay soft top down in soft top compartment		
4	Remove bolts (1) from terminal strip at roof peak (2).	 <b>Installation:</b> Replace bolts removed with new ones.	
5	Remove terminal strip from roof peak (2)		
6	Remove rubber seal (3)		
7	Remove soft top canvas (4) from roof peak (2).	 First remove old soft top canvas (4) on left side and install new soft top canvas (4) on left side. Then, perform same work on right side.	
8	Unhook tension cable (5) from roof peak (2).		
9	Set up soft top	 Position roof peak (2) vertically	
10	Lay soft top canvas (4) down at rear		
11	Cut clip (8) on zipper (7)	 With side cutting pliers.	
12	Open zipper (7)	 <b>Installation:</b> Close zipper (7) and secure at ends with clip (8).  Closing pliers  Tacking pliers Cap	<a href="#">*208589007700</a> <a href="#">*208589003700</a> <a href="#">*BR00.45-Z-1017-13A</a>
13	Knock off rivet (6)	 Remove rivet residues. Hand riveter Rivet	<a href="#">*BR00.45-Z-1006-13A</a>
14	Remove fabric tape (49)	 Facilitates correct positioning of zipper (9) when installing.	
15	Cut clip (10) on zipper (9)	 With side cutting pliers.	
16	Open zipper (9)	 <b>Installation:</b> Close zipper (9) and secure at ends with clips (10).  Closing pliers  Tacking pliers Cap	<a href="#">*208589007700</a> <a href="#">*208589003700</a> <a href="#">*BR00.45-Z-1017-13A</a>
17	Knock off rivet (11)	 Remove rivet residues. Hand riveter Rivet	<a href="#">*BR00.45-Z-1006-13A</a>
18	Remove fabric tape (12) with tension cable (45)		
19	Cut clip (14) on zipper (13).	 With side cutting pliers.	
20	Open zipper (13)	 <b>Installation:</b> Close zipper (13) and secure at ends with clip (14).  Closing pliers  Tacking pliers Cap	<a href="#">*208589007700</a> <a href="#">*208589003700</a> <a href="#">*BR00.45-Z-1017-13A</a>
21	Pull tension cable (5) out of soft top canvas (4)	 <b>Installation:</b> Pull tension cable (5) through soft top canvas (4) with bent wire.	
22	Pull rubber seal (15) out of roof frame		
23	Put rubber seal (15) down at side		
24	Pull soft top canvas (4) off of roof frame	 <b>Installation:</b> Fasten new mounting clips to new soft top canvas (4).	
25	Remove first three bolts (16) from retaining rail (17).	 Bolt for retaining rail on soft top bow	<a href="#">*BA77.30-P-1007-01A</a>
26	Loosen bolts (17) from retaining rail (59).	 Bolt for retaining rail on soft top bow	<a href="#">*BA77.30-P-1007-01A</a>
27	Lift retaining rail (17).		
28	Pull out rubber seal (15)		
29	Lift retaining rail (17).		
30	Pull out soft top canvas (4)	 Loosen soft top canvas (4) before pulling out.	
31	Fold soft top canvas (4) up at side		
32	Knock off rivet (18)	 Remove rivet residues. Hand riveter Rivet	<a href="#">*BR00.45-Z-1007-13A</a>
33	Detach plastic textile strap (19) with fabric strap (20)	 <b>Installation:</b> Position plastic textile strap (19) below hydraulic lines and between soft top bow (34).	
34	Remove rear window	 <b>Installation:</b> Glue soft top canvas (4) to rear window frame (25) with seal at upper transitions to achieve better seal.  Mounting wedge	<a href="#">AR67.20-P-5145QA</a> <a href="#">*110589035900</a>

		Sealing Adhesive fabric tape	*BR00.45-Z-1050-01A *BR00.45-Z-1062-02A
35	Knock off rivet (21) on left	<b>i</b> Remove rivet residues. Hand riveter Rivet	*BR00.45-Z-1006-13A
36	Loosen elastic band (22), fabric tape (23) and synthetic fabric tape (53) from attachment point.	<b>i</b> <b>Installation:</b> Before installing elastic band (22) check manufacture date of soft top canvas (4). See: ↓ Check manufacture date of soft top canvas <b>i</b> Attach elastic band (22) to attachment point according to manufacture date of soft top canvas (4). See: ↓ Manufacture date for soft top canvas as of 22.02.07 Manufacture date for soft top canvas up to 22.02.07	AR77.31-P-1001-02QA AR77.31-P-1001-03QA AR77.31-P-1001-03QB
37	Loosen lug (58) form rear window frame (25)		
38	Drill out rivet (52)	<b>i</b> Remove rivet residues. Hand riveter Rivet	*BR00.45-Z-1018-13A
39	Separate plastic clip (27) on sliding rail (30) on left	<b>i</b> <b>Installation:</b> Check mounting clip, replace if necessary.	
40	Remove elastic band (28) with elastic band (29) on left		
41	Lift soft top canvas (4) on left side		
42	Knock off rivet (41) on sliding rail (30) on left	<b>i</b> Remove remains of rivets. Hand riveter Rivet	*BR00.45-Z-1006-13A
43	Knock off rivet (51)	<b>i</b> Remove remains of rivets. Hand riveter Rivet	*BR00.45-Z-1006-13A
44	Remove water bag (50)		
45	Pull upper lug (54) out of rear window frame (25).		
46	Pull lower lug (55) out of rear window frame (25).		
47	Knock off rivet (26)	<b>i</b> Remove rivet residues. Hand riveter Rivet	*BR00.45-Z-1007-13A
48	Remove water bag (50) and pull out soft top bow (34).		
49	Knock off rivet (24) on soft top canvas (4) on left	<b>i</b> Remove rivet residues. Hand riveter Rivet	*BR00.45-Z-1006-13A
50	Loosen soft top canvas (4) with water bag (50) from rear window frame (25) on left.	<b>i</b> Carefully loosen glued soft top canvas (4) with water bag (50) from rear window frame (25) to prevent tearing.	
51	Loosen fabric adhesive tape (48) from soft top frame (40) and remove.	<b>i</b> <b>Installation:</b> Mask rivet (36) with fabric adhesive tape (48) to prevent chafing on soft top canvas (4). Adhesive fabric tape	*BR00.45-Z-1062-02A
52	Knock off rivet (36) on spring (37) with tension cable (38) to soft top canvas (40) on left	<b>i</b> <b>Installation:</b> Rivet spring (37) with tension cable (38) to soft top frame (40) with rivet (36) on left. Hand riveter Adhesive fabric tape Rivet	*BR00.45-Z-1062-02A *BR00.45-Z-1006-13A
53	Unclip retaining bracket (39) with tension cable (38) from soft top bow (34) on left	<b>i</b> <b>Installation:</b> Insert retaining block (39) with tension cable (38) into soft top bow (34) on left and break in.	
54	Remove retaining bracket (39) from tension cable (38).		
55	Pull out tension cable (38) through water bag (50)		
56	Remove bolt (31) from soft top bow (34).		
57	Detach elastic band (32) with guide (33)		
58	Guide elastic band (32) with guide (33) through soft top bow (34)		
59	Pull plastic insert (57) out of water bag (50).	<b>i</b> <b>Installation:</b> Check plastic insert (57) for damage and replace if necessary.	



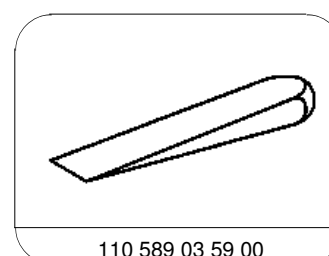
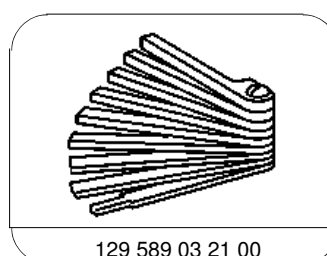
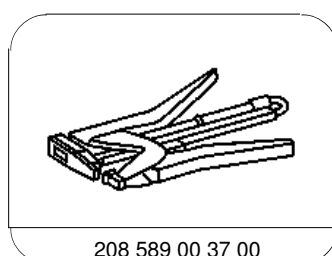
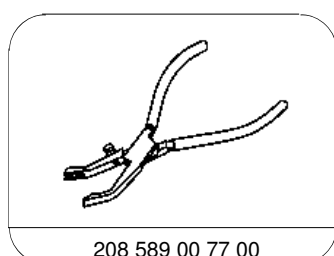
60	Detach upholstery mat (56) from soft top frame (40) and soft top bow (34).	<b>i</b> <b>Installation:</b> Align upholstery mat (56) with aid of holes (arrows) along edges of soft top frame (40) and soft top bow (34).	
61	Remove soft top canvas (4)	<b>i</b> <b>Installation:</b> Move fabric tapes (42) for soft top canvas (4) through plastic rail (44) and fasten with clips (43).	
62	Remove glue residues in cross-hatched areas.	<b>i</b> <b>Installation:</b> Mask cross-hatched areas with double-sided adhesive tape. Adhesive fabric tape	*BR00.45-Z-1062-02A
63	Remove sealing profile from rear window frame (25)	<b>i</b> <b>Installation:</b> Mask edges of rear window frame (25) on left side with sealing profile. Sealing cord	*BR00.45-Z-1086-01A
64	Mark rivet hole	<b>i</b> Mark rivet hole on older vehicles, if a soft top canvas (4) with newer production status is installed. <b>i</b> Drill rivet holes approx. 7 mm away from the edge of the largest hole, directly in front of the inclined side.	
65	Drill rivet hole into soft top bow (34).	<b>i</b> Rivet hole must be drilled on older vehicles only if a soft top canvas (4) with newer production status is installed.	
66	Fit water pocket (50) to soft top canvas (4)	Up to VIN 053405, with soft top canvas, color: black, blue, gray	AR77.31-P-1001-01QA
67	Install in the reverse order		
68	Perform a function test		
69	Adjust gap dimensions on hoods, doors and lids	Soft top to windshield frame Soft top to soft top compartment cover  Feeler gauge	AR60.00-P-0700-01QA  *BE60.00-P-1006-01G *BE60.00-P-1006-01G *129589032100
70	Clean inside of vehicle	Wet/dry vacuum cleaner, see GOTIS <a href="http://gotis.aftersales.mercedes-benz.com">http://gotis.aftersales.mercedes-benz.com</a>	

#### Test and adjustment values for gap dimensions

Number	Designation	Model 209.4
BE60.00-P-1006-01G	Gap dimension Soft top to windshield frame	Dimension "M" mm 10 (±2)
	Soft top to soft top compartment cover	Dimension "N" mm 3 (±0.5)
		See picture AR60.00-P-0700-01QA

#### Soft top

Number	Designation	Model 209.4
BA77.30-P-1007-01A	Bolt, retaining rail to soft top bow	Nm 5



**Repair materials**

Number	Designation	Order number
BR00.45-Z-1050-01A	Upper rear folding roof seal	A 170 795 11 98
BR00.45-Z-1086-01A	Soft top frame sealing profile with metal core 35 m, SEALANT/butyl Bostik 1127	A 005 989 12 71 10
BR00.45-Z-1062-02A	Adhesive fabric tape	A 007 989 28 85
BR00.45-Z-1006-13A	Blind rivet, cable fastening, 3.2X9.5 K9.5	A 004 990 35 97
BR00.45-Z-1007-13A	Rivet	A 004 990 36 97
BR00.45-Z-1017-13A	Cap	A 208 776 00 64
BR00.45-Z-1018-13A	Rivet, clamp fastening, 3.2X9.5	A 004 990 34 97