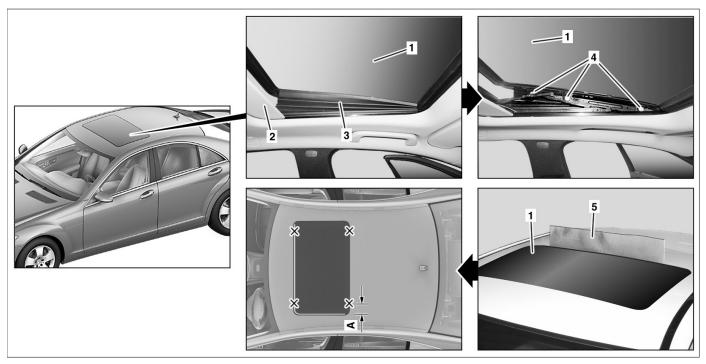
MODEL 221.0 with CODE (414) Power glass tilting/sliding roof

MODEL 221.1, 216.3



P77.20-2596-09

Shown on model 221.0

- Tilting/sliding roof cover Sliding roof lining
- 2

- Rubber bellows
- Bolts

Cardboard strips

Modification notes

23.3.06	Bolt securing tilting/sliding roof cover to tilt angle bracket	Model 221	*BA77.20-P-1003-01J
30.3.06	"Check position of drive shaft" newly added	Step 10	AR77.20-P-1400-01SX

53	Removing		
<u> </u>	Risk of injury caused by fingers being pinched or crushed when removing, installing or aligning hoods, doors, trunk lids, tailgates or sliding roof.	Keep body parts and limbs well clear of moving parts.	AS00.00-Z-0011-01A
1	Move tilting/sliding roof cover (1) to pop-up position		
2	Completely open sliding roof lining (2)		
3	Remove rubber bellows on left and right on sliding/pop-up roof cover (1)	Carefully loosen rubber bellows (3) from lower arrest and then remove from sliding/pop-up roof cover (1), otherwise the rubber bellows (3) can be damaged	
		i Observe installation position of rubber bellows (3).	
4	Close tilting/sliding roof panel (1)		
	Adjust		
5	Loosen bolts (4) on left and right on tilting/ sliding roof cover (1)		
6	Insert cardboard strips (5) into sealing joint at rear in center.	and approx. 2 mm thick Gap dimensions should be approximately equal at front and rear sealing joint. Align side gaps in center	
7	Adjust tilting/sliding roof cover (1) in relation to outer skin of the roof	i Observe measuring position (A) for height adjustment	*BE77.20-P-1001-01G
8	Tighten bolts (4) on left and right on tilting/ sliding roof cover (1) from rear toward front	Nm	*BA77.20-P-1003-01J
9	Check tilting/sliding roof for proper function and correct tilting/sliding roof cover (1) match.		
10	Check position of drive shafts.	i If applicable, adjust drive shafts by moving drive wedge on lower gate, see:↓	AR77.20-P-1400-01SX
		Remove/install tilting/sliding roof motor	AR77.20-P-3010SX

X	Install		
11	Move tilting/sliding roof cover (1) to pop-up position		
12	Install rubber bellows (3) on left and right on tilting/sliding roof cover (1)	i Do not mix up rubber bellows (3).	
13	Close tilting/sliding roof panel (1)		
14	Close sliding roof lining (2).		
15	Perform learn-in procedure for tilting/sliding roof pinch protection		4 D 00 00 D 0000 044
A D	Connect STAR DIAGNOSIS and read out fault memory		AD00.00-P-2000-04A
		STAR DIAGNOSIS diagnosis system	*WH58.30-Z-1048-13A

Tilting/sliding roof

Number	Designation		Model 216	Model 221	
BE77.20-P-1001-01G	Height setting	Measuring position "A" (x)	mm	140	140
		front: deeper than outer skin of the roof	mm	0 - 1	0 - 1
		rear: higher than outer skin of the roof	mm	0 - 1	0 - 1

Nm Electric sliding roof

Number	Designation		Model 216	Model 221
BA77.20-P-1003-01J	Bolt securing tilting/sliding roof cover to tilt angle bracket	Nm	4.5	4.5

Commercially available tools

Number	Designation	·
WH58.30-Z-1048-13A	STAR DIAGNOSIS diagnosis system, Compact Passenger Car	6511 1801 00