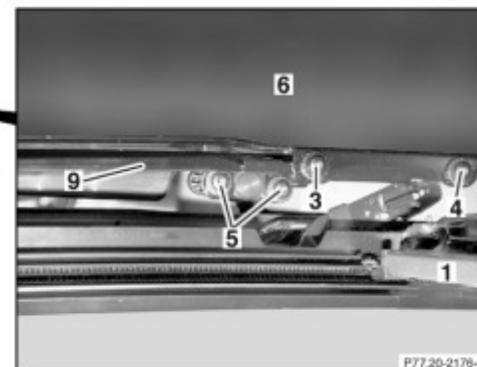
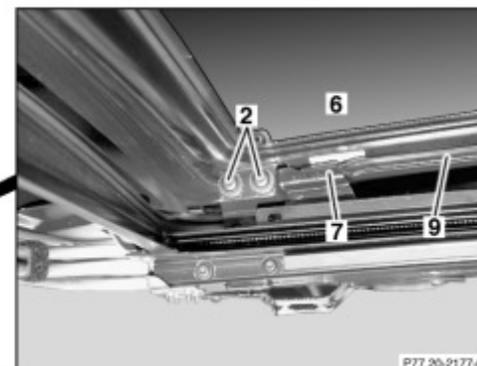
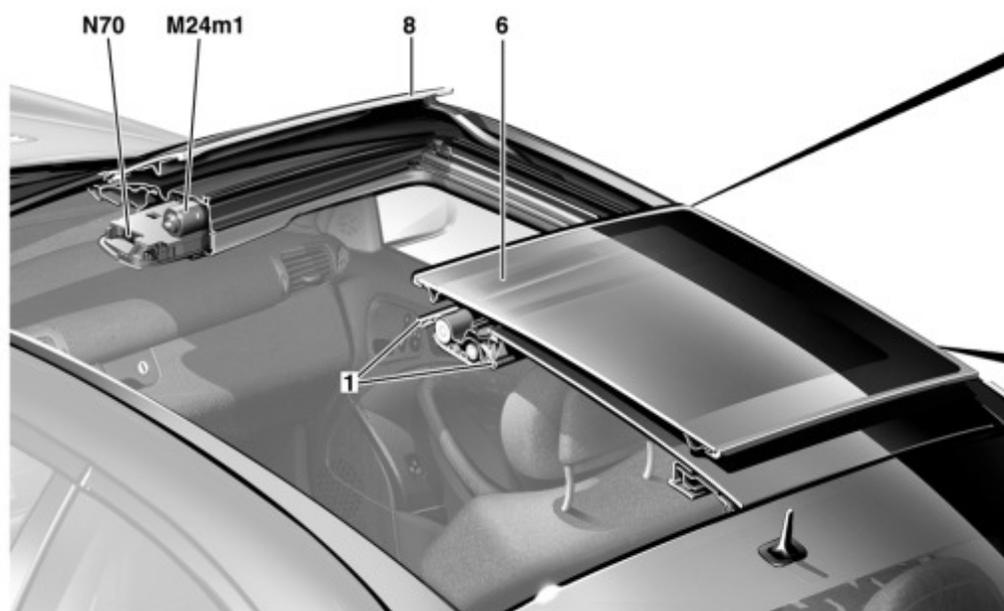


AR77.20-P-1100PB

Adjust tilting/sliding roof panel

9.10.00

MODEL 203.7

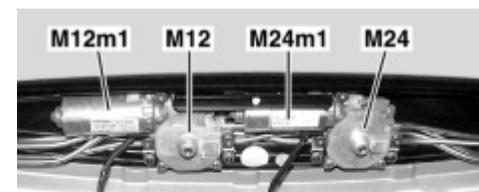


P77.20-2174-09

1 Roller sun blind
2 Bolts
3 Bolt

4 Bolt
5 Bolts
6 Tilting/sliding roof cover

8 Wind deflector
9 Cover carrier
N70 Overhead control panel control unit



P77.20-2173-01

P77.20-2172-01

P77.20-2170-01

10 Release lever

11 Sliding shoes

12 Gate track

13 Outer support

M12 Roof system drive unit

Modification notes

| | | | |
|---------|---|---|--------------------|
| 22.1.01 | Value changed from 0 (+1.5) mm to 1 (± 1) mm | Value in BE77.20-P-1004-01A changed for model 203.7 | BE77.20-P-1004-01A |
| 22.1.01 | Value changed from 0 (+1.5) mm to 1 (± 1) mm | Value in BE77.20-P-1005-01A changed on model 203.7 | BE77.20-P-1005-01A |
| 22.1.01 | Value changed from 2.5 (± 0.5) mm to 2 (± 1) mm Value changed from 2 (+0.5) mm to 2 (± 1) mm Value changed from 9.5 (± 0.5) mm to 9 (± 1) mm Value changed from 7.5 (± 0.5) mm to 7 (± 1) mm | Value changed on model 203.7 BE77.20-P-1007-01A | BE77.20-P-1007-01A |

| | | | |
|--|--|--|------------------------------------|
|  | Remove | | |
|  Danger! | Risk of injury to fingers being jammed or pinched when Remove/install or aligning hoods, doors, trunk lid/tailgate or sliding roof. | When moving components, ensure that no body parts or limbs are within the operating range of moving parts. | AS00.00-Z-0011-01A |
| 1 | Remove rubber bellows from tilting/sliding roof cover (6) |  Left and right side | AR77.20-P-1150PB |
| 2 | Move tilting/sliding roof to tilt position | | |
| 3 | Position suitable flat material at outside below wind deflector (8). |  Material thickness from 0.3 to 0.8 mm. Use identical material thicknesses on left and right. | |
| 4 | Fasten wind deflector (8) at side downward with adhesive tape |  This allows the tilting/sliding roof cover (6) to be aligned better | |
| 5 | Loosen bolt (2), bolt (3) and bolt (4) on tilting/sliding roof |  Left and right side | |
| 6 | Loosen bolt (5) on outer support (13) |  Left and right side | |
| 7 | Remove overhead control panel control unit (N70) | | AR82.20-P-1000P |

| | | | |
|----|--|---|------------------------------------|
| 8 | Lower tilting/sliding roof | i With Allen wrench on roof system drive unit (M12). | |
| | Adjust | | |
| 9 | Uniformly adjust tilting/sliding roof all the way around | Adjust height of wind deflector in relation to tilting/sliding roof | BE77.20-P-1004-01A |
| | | Adjust height of tilting/sliding roof in relation to rear of glass roof | BE77.20-P-1005-01A |
| | | Gap dimensions | BE77.20-P-1007-01A |
| 10 | Tighten bolts (2) and bolt (3) on tilting/sliding roof | i Left and right side | |
| | | Hm Bolt, tilting/sliding roof cover on mount | BA77.20-P-1005-01A |
| 11 | Remove adhesive strip from wind deflector (8) | | |
| 12 | Remove flat material below wind deflector (8) | i Left and right side | |
| 13 | Open tilting/sliding roof cover (6) | i Open roof system (M12) on drive unit with Allen wrench only until hinge lever (10) lowers. | |
| 14 | Tighten bolt (4) on tilting/sliding roof | i Left and right side | |
| | | Hm Bolt, tilting/sliding roof cover on mount | BA77.20-P-1005-01A |
| 15 | Close tilting/sliding roof cover (6) | i Close roof system (M12) with Allen wrench on drive unit until the slide shoes (11) on the hinge lever (10) make contact with the gate track (12) in the cover carrier (9). | |
| | | i The slide shoe (11) of the release lever (10) should not reach into the guide of gate track (12) in the cover carrier (9). The tilting/sliding roof cover (6) must have clearance when pulling | |

| | | | |
|---|---|--|------------------------------------|
| | | upward. | |
| 16 | Tighten bolts (5) on outer support (13) |  Press outer support (13) upward, simultaneously press tilting/sliding roof cover (6) downward and tighten bolts (5). The tilting/sliding roof cover (6) should not have any play. Left and right side. | |
| | |  Bolt for outer support | BA77.20-P-1006-01A |
|  | Check | | |
| 17 | Check entry of release lever (10) into guide on gate track (12) on cover carrier (9) by closing again |  The slide shoes (11) of the hinge lever (10) should move into the gate track (12) without hitting. | |
|  | Install | | |
| 18 | Install overhead control panel control unit (N70) | | AR82.20-P-1000P |
| 19 | Install rubber bellows on tilting/sliding roof cover (6). |  Left and right side | AR77.20-P-1150PB |
| 20 | Perform teach-in procedure for sliding roof obstruction sensor | | AD00.00-P-2000-04A |
| | | Diagnosis system STAR DIAGNOSIS | WE58.40-Z-1013-06A |
|  | Check | | |
| 21 | Check tilting/sliding roof for proper function and fit | | |

Test and adjustment values for tilting/sliding roof

| Number | Designation | | | Model 203.7 |
|--------------------|---|---|----|-------------|
| BE77.20-P-1004-01A | Height adjustment, wind deflector to tilting/sliding roof | Wind deflector higher than tilting/sliding roof | mm | 1 (±1) |
| BE77.20-P-1005-01A | Height adjustment, tilting/sliding roof to glass roof, rear | Tilting/sliding roof higher than glass roof, rear | mm | 1 (±1) |
| BE77.20-P-1007-01A | Gap dimensions | Wind deflector to tilting/sliding roof | mm | 2 (±1) |

| | | | | |
|--|--|--|----|--------|
| | | Tilting/sliding roof to glass roof, rear | mm | 2 (±1) |
| | | Glass roof, rear to rear window | mm | 9 (±1) |
| | | Windshield to outer mounting clamp of trim strip | mm | 7 (±1) |

Nm Electric sliding roof

| Number | Designation | | Model 203.7 |
|--------------------|---|----|-------------|
| BA77.20-P-1005-01A | Bolt, tilting/sliding roof cover to bracket | Nm | 5 |
| BA77.20-P-1006-01A | Bolt for outer support | Nm | 5 |

Workshop equipment/MB testers (see Workshop Equipment Manual)

| | |
|--------------------|---|
| WE58.40-Z-1013-06A | STAR DIAGNOSIS Compact diagnosis system for passenger cars, order number 6511 1801 00 |
|--------------------|---|