Adjust tilting/sliding roof panel

MODEL 211.e /2 with CODE (414) Power glass tilting/sliding roof

MODEL 24e.1 with CODE (418) Glass tilting/sliding roof in rear

Shown on model 211.0

1 Sliding sunroof lining
2 Panel
3 Tilting/sliding roof panel
4 Rubber bellows
5 Bolts
6 Cardboard strips

Removing

Danger! Risk of injury caused by fingers being pinched or crushed when removing, installing or aligning hoods, doors, trunk lids, tiltgates or sliding roof

1 Completely open sliding roof lining (1)  See Operator's Manual
2 Open tilting/sliding roof approx. 20 cm  See Operator's Manual
3 Unclip covering (2) in center and side with assembly wedge and guide covering (2) out of left and right rubber bellows (4)  *110589035900
4 Completely close tilting/sliding roof and then move to tilt position  See Operator's Manual
5 Remove both rubber bellows (4) at top and bottom and remove  Treat rubber bellows (4) carefully to prevent damage.
   Observe installation position of rubber bellows (4).
6 Close tilting/sliding roof  See Operator's Manual

Adjust

7 Loosen bolts (5) on left and right on tilting/sliding roof panel (3)
8 Insert cardboard strips (6) at rear into expansion joint for tilting/sliding roof panel (3)  Cardboard strip (6): Approx. 500 mm long and approx. 2 mm thick.
9 Adjust tilting/sliding roof panel (3) in relation to exterior roof surface  When adjusting height: Determine measuring positions (crosses) using interval (A).
   Gap dimensions
   Height setting  *BE77.20-P-1001-01A
   *BE77.20-P-1002-01A
10 Tighten left and right bolts (5) on tilting/sliding roof panel (3)  Tighten bolts (5) from rear to front.
   *BA77.20-P-1004-01A
11 Check tilting/sliding roof for proper function and fit
12 Move tilting/sliding roof to pop-up position  See Operator's Manual
13 Insert both rubber bellows (4) at top and bottom into guides. Observe correct installation position.


15 Open tilting/sliding roof approx. 20 cm. See Operator's Manual.

16 Position covering (2) in center and clip in. Left and right catch hook on covering (2) must arrest in both rubber bellows (4).


19 Perform teach-in run for sliding roof anti-pinch protection. Connect STAR DIAGNOSIS and read out fault memory. AD00.00-P-2000-04A

Test and adjustment values for tilting/sliding roof

<table>
<thead>
<tr>
<th>Number</th>
<th>Designation</th>
<th>Model 211</th>
<th>Model 240</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE77.20-P-1001-01A</td>
<td>Gap dimensions</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tilting/sliding roof cover, front</td>
<td>mm 0.15</td>
<td>mm 0.15</td>
</tr>
<tr>
<td></td>
<td>Tilting/sliding roof cover, on side and rear</td>
<td>mm 0.30</td>
<td>mm 0.30</td>
</tr>
<tr>
<td>BE77.20-P-1002-01A</td>
<td>Height setting</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Measuring position &quot;A&quot; (x)</td>
<td>mm 140</td>
<td>mm 140</td>
</tr>
<tr>
<td></td>
<td>Front: deeper than outer skin of roof</td>
<td>mm 0 to 1</td>
<td>mm 0 to 1</td>
</tr>
<tr>
<td></td>
<td>Rear: higher than outer skin of roof</td>
<td>mm 0 to 1</td>
<td>mm 0 to 1</td>
</tr>
</tbody>
</table>

Electric sliding roof

<table>
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<tr>
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<th>Model 240</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA77.20-P-1004-01A</td>
<td>Bolt, tilting/sliding roof cover to tilt angle bracket</td>
<td>Nm 4</td>
<td>Nm 4</td>
</tr>
</tbody>
</table>

Mounting wedge

110 589 03 59 00