

P88.50-2520-09

- |   |               |   |               |    |                     |
|---|---------------|---|---------------|----|---------------------|
| 1 | Trunk lid     | 5 | Nuts          | 10 | Punch buffer        |
| 2 | Strut         | 6 | Hinge bracket | 12 | Y fastener          |
| 3 | Y-stop        | 8 | Height stop   | 13 | Gas-operated struts |
| 4 | Trunk lid tip | 9 | Locking eye   |    |                     |



P88.50-2632-09

- |    |               |   |                                     |   |               |
|----|---------------|---|-------------------------------------|---|---------------|
| 1  | Trunk lid     | A | Guide dimension, measuring position | M | Gap dimension |
| 4  | Trunk lid tip | E | Gap dimension                       | V | Gap dimension |
| 7  | Gauge         | F | Gap dimension                       |   |               |
| 11 | Rear fender   |   |                                     |   |               |

**Modification notes**

27.9.04	Tightening torque added	Step 10	AR88.50-P-5000-02V
27.9.04	Vario roof completely opens and closes, added	Steps 19.1 and 21.1	

<b>Adjust gap dimensions</b>			
<b>Danger!</b>	<b>Risk of injury</b> caused by <b>fingers being jammed or pinched</b> when removing, installing or aligning hoods, doors, trunk lid/ rear-end door 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	Open trunk lid (1)	Vario roof is completely closed and locked	
2	Open trunk partition	See Operator's Manual	
3	Install strut (2)	The hinge levers (6) are fastened to one another by the strut (2). 	*171589046300
4	Detach left and right Y-stop (3) and slide to inside		

<p><b>⚠ Danger!</b></p> <p>5</p>	<p><b>Injury hazard</b> Gas-operated struts are under high pressure and can pinch and crush body parts during work</p> <p>Lift retainers on ball heads of gas-operated struts (13) with suitable screwdriver and unclip gas-operated strut (13) from trunk lid (1)</p>	<p>Only remove and install gas-operated struts in the relaxed position and when the components are secured properly.</p> <p>⚠ Lay rag below trunk lid tips (4) This prevents the trunk lid tips (4) from hitting on the rear fender (11) when loosening the gas-operated strut (13) and causing paint damage.</p> <p>Do not remove retainers from ball head of gas-operated strut (13), otherwise retainers loose tension</p>	<p>AS00.00-Z-0012-01A</p>
<p>6</p>	<p>Loosen nuts (5) on both hinge levers (6) until trunk lid (1) can be moved</p>		
<p>7</p>	<p>Adjust gaps (E, F, M)</p>	<p>⚠ Ensure that gap (E) is not too narrow Otherwise the tips (4) of the trunk lid (1) can hit against rear fenders (11)</p> <p><b>i</b> Guide dimension of measuring position (A) for gap (E) is 20 mm.</p> <p>🔧</p>	<p>*BE60.00-P-1003-01L</p> <p>*129589032100</p>
<p>8</p>	<p>Carefully open trunk lid (1) and tighten nuts (5)</p>	<p>Nm</p>	<p>*BA88.50-P-1014-01A</p>
<p>9</p>	<p>Install both gas-operated struts (13) on trunk lid (1)</p>		
<p>10</p>	<p>Adjust gas-operated strut (13)</p>	<p>Nm</p>	<p>AR88.50-P-5000-02V</p> <p>*BA88.50-P-1023-01A</p>
<p>11</p>	<p>Adjust Y-stops (3) so that they make contact with the Y-fasteners (12) when the trunk lid is closed, then slide 1 mm toward outside and tighten</p>		
<p>12</p>	<p>Remove strut (2)</p>	<p>🔧</p>	<p>*171589046300</p>
<p>13</p>	<p>Close trunk partition</p>	<p><b>i</b> See Operator's Manual</p>	
<b>Adjust height of trunk lid</b>			
<p>14</p>	<p>Completely open Vario roof with Vario roof actuation switch</p>	<p><b>i</b> See Operator's Manual</p>	
<p>15</p>	<p>Check transitions between trunk lid (1) and rear fender (11) with gauge (7) and, if necessary, adjust by adjusting left and right height stops (8)</p>	<p><b>i</b> When the Vario roof is open the height of the trunk lid (1) is determined by the height stops (8).</p> <p>Trunk lid tips (4) should be max. 1 mm higher or lower in relation to the opposite fender edges.</p> <p>Observe marking on gauge (7): "K" should makes contact with the rear fender (11). "H" should makes contact with the trunk lid (1)</p> <p>🔧</p>	<p>*171589052300</p>
<p>16</p>	<p>Completely close and lock Vario roof with Vario roof actuation switch.</p>	<p><b>i</b> See Operator's Manual</p>	
<p>17</p>	<p>Check transitions between trunk lid (1) and rear fender (11) with gauge (7)</p>	<p><b>i</b> When the Vario roof is closed the height of the trunk lid (1) is determined by the sealing pressure of the lower gasket on the rear window and the inner gaskets on the C-pillars..</p> <p>🔧</p>	<p>*171589052300</p>
<p>18.1</p>	<p>Adjust tubular frame bolt</p>	<p>If the transitions between the trunk lid (1) and the rear fender (11) are not correct when the Vario roof is closed</p> <p>Nm</p> <p>Nm</p> <p>🔧</p> <p>🔧</p>	<p>AR88.50-P-5200-06V</p> <p>*BE60.00-P-1003-01L</p> <p>*BA88.50-P-1007-01A</p> <p>*BA88.50-P-1021-01A</p> <p>*129589032100</p> <p>*171589052300</p>
<p>19.1</p>	<p>Completely open Vario roof with Vario roof actuation switch</p>	<p>If the tubular frame bolts have been adjusted</p> <p><b>i</b> See Operator's Manual</p>	
<p>20.1</p>	<p>Check transitions between trunk lid (1) and rear fender (11) with gauge (7); if necessary, correct position of left and right height stops (8)</p>	<p>If the tubular frame bolts have been adjusted</p> <p>🔧</p>	<p>*171589052300</p>
<p>21.1</p>	<p>Completely close and lock Vario roof with Vario roof actuation switch.</p>	<p>If the tubular frame bolts have been adjusted</p> <p><b>i</b> See Operator's Manual</p>	
<p>22.1</p>	<p>Adjust height of locking eye (9)</p>	<p>If the tubular frame bolts have not been adjusted</p>	

**i** Before adjusting, screw in percussion buffer (10) and after adjustment, screw out until the locked trunk lid (1) no longer has any play.  
Observe closing force of trunk lid (1) and gaps (F, V). Gap (F) should not be V-shaped

Nm



\*BE60.00-P-1003-01L

\*BA88.50-P-1007-01A

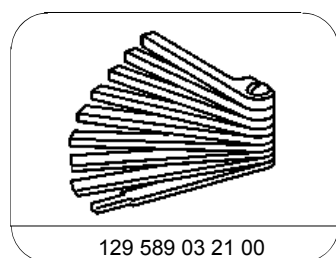
\*129589032100

### Test and adjustment values for gap dimensions

Number	Designation	Model 171
BE60.00-P-1003-01L	Trunk lid to rear fender	Dimension "F" mm 3.5 (+1.5)
	Trunk lid to taillamp	Dimension "M" mm 4.0 (+1.6/-0.5)
	Trunk lid to bumper	Dimension "V" mm 5.0 (+1.5/-1.0)
	Rear fender to taillamp	Dimension "U" mm 2.5 ( ±0.5)
	Trunk lid tip to rear fender	Dimension "E" mm 5.0 (+1.5)
	See figure in	AR60.00-P-0700-01V

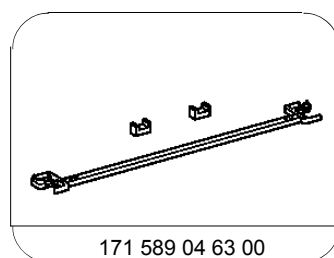
### Nm Trunk lid

Number	Designation	Model 171
BA88.50-P-1007-01A	Bolt of locking eye to tubular frame	Nm 9
BA88.50-P-1014-01A	Nut of hinge lever to trunk lid	Nm 20
BA88.50-P-1021-01A	Bolt, guide bolt to sidewall	Nm 10
BA88.50-P-1023-01A	Ball head bolts to trunk lid	Nm 20



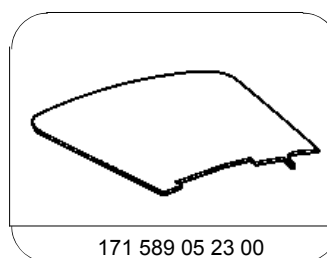
129 589 03 21 00

Feeler gauge



171 589 04 63 00

Strut



171 589 05 23 00

Gauge