



P32.25-2144-08

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|-----------------------|------------------|----------------------|
| 1 Cap                 | 5 Stop damper    | 9 Clamping plate     |
| 2 Securing nuts       | 6 Bellows        | 10 Tensioning device |
| 3 Top spring retainer | 7 Spring         | 11 Shock absorber    |
| 4 Spring seat         | 8 Clamping plate |                      |

**Modification notes**

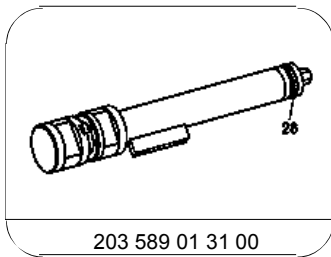
3.2.11	Assign spacer rings operation step, added	Step 11
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	<b>Removing</b>		
<b>Danger!</b>	<b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between columns of vehicle lift and position four support plates at vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
<b>Danger!</b>	<b>Risk of injury</b> caused by <b>pinching or crushing</b> when working on springs or spring bodies that are under tension	Use only approved tensioning devices; shield off hazard area if necessary. Inspect special tools for damage and proper operation (visual inspection). Wear protective gloves.	AS00.00-Z-0001-01A
	Notes on self-locking nuts and bolts	All models	AH00.00-N-0001-01A
1	Remove front suspension strut		AR32.25-P-1017GZ
	<b>Disassemble/assemble</b>		
2	Clamp tensioning device (10) in vise and insert clamping plate (8, 9)	Tensioning device Clamping plates	*203589013100 *169589026300
3	Insert suspension strut into tensioning device (10)	When positioning the strut, attempt to get the maximum possible number of spring coils (7) in the spring clamp.	
4	Clamp spring (7) until the upper spring cup (3) is relieved of load.		
5	Remove cap (1)		
6	Undo fastening nut (2) and remove shock absorber (11)	Counterhold piston rod using socket wrench. Socket wrench	*BA32.25-P-1003-01G *164589001000
7	Remove bellows (6) and stop damper (5)		
8	Release tensioning device (10) and remove spring (7) with upper spring cup (3) and spring seat (4)		
	<b>Checking</b>		
9	Check shock absorber (11)	Check shock absorber (11) for leaks. A thin film of oil on the shock absorber (11) is acceptable. Replace shock absorber (11) if necessary.	AR32.25-P-0121A
10	Check bellows (6), stop damper (5) and spring seat (4) for signs of wear	Replace any components with oil contamination, cracks or deformation.	
	<b>Adjust</b>		

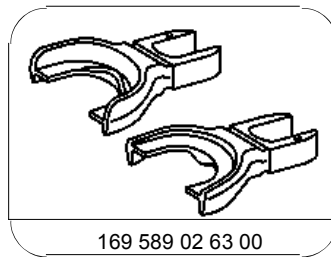
11	Assign spacer rings between spring (7) and spring seat (4)	<p><b>i</b> Only if the vehicle level is outside the tolerance values.</p> <p><b>i</b> If the spring seat (4), spring (7) or shock absorber (11) are replaced, then remove all spacer rings.</p>	
12	Assemble in the reverse order	<b>i</b> Assemble suspension strut such that the upper spring cup (3) is correctly assembled and positioned on the suspension strut.	
	<b>Install</b>		
13	Install front suspension strut		AR32.25-P-1017GZ
14	Check headlamp adjustment and correct if necessary Check and correct headlamp adjustment	<b>i</b> After installing new parts.	AP82.10-P-8260GZ
			

**Nm** Front axle shock absorber

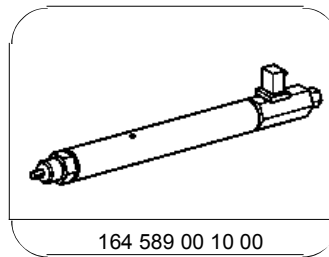
Number	Designation	Model 164.1/8
BA32.25-P-1003-01G	Nut to piston rod	Nm 30



Tensioning device



Clamping plates



Socket wrench