



P32.25-2144-08

| | | | | | |
|---|---------------------|---|----------------|----|-------------------|
| 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

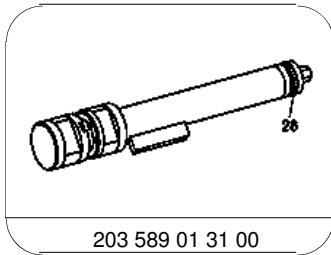
| | | | |
|--------|---|---------|--|
| 3.2.11 | Assign spacer rings operation step, added | Step 11 | |
|--------|---|---------|--|

| | Removing | | |
|----------------|---|---|--------------------------------------|
| Danger! | Risk of death 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 |
| Danger! | Risk of injury caused by pinching or crushing 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 |
| | Disassemble/assemble | | |
| 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) | | |
| | Checking | | |
| 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. | |
| | Adjust | | |

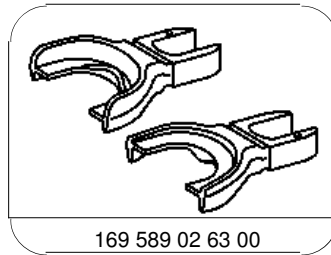
| | | | |
|--|---|--|------------------|
| 11 | Assign spacer rings between spring (7) and spring seat (4) | <p>i Only if the vehicle level is outside the tolerance values.</p> <p>i If the spring seat (4), spring (7) or shock absorber (11) are replaced, then remove all spacer rings.</p> | |
| 12 | Assemble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

Nm Front axle shock absorber

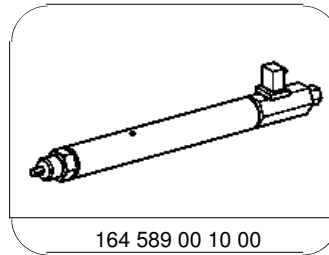
| Number | Designation | Model 164.1/8 |
|--------------------|-------------------|------------------|
| BA32.25-P-1003-01G | Nut to piston rod | Nm 30 |



Tensioning device



Clamping plates



Socket wrench