### Disassemble / Assemble Suspension Strut

**MODELS 203.081 /084 /087 /092 /281 /284 /287 /292**

11 Suspension strut
11a Grooved nut
11c Ball bearing
11e Cap
11f Stop buffer
11i Support bearing
12 Spring
13a Upper rubber mount
13b Lower rubber mount

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**Remove**

<table>
<thead>
<tr>
<th>Danger! Risk of injury caused by pinching or crushing when working on springs or spring bodies that are under load</th>
<th>Use only approved tensioning devices; shield off hazard area if necessary. Inspect special tools for damage and proper operation (visual inspection). Wear protective gloves.</th>
<th>AS00.00-Z-0001-01A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Remove front spring strut (11)</td>
<td>1 If the suspension strut is replaced, observe the regulations governing disposal, see: Disposing of shock absorber</td>
<td>AR32.25-P-1017PW OS32.25-P-0121-01GC</td>
</tr>
</tbody>
</table>

**Disassemble**

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<table>
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</table>
| 2 Clamp spring compressor in a vise and install clamping plates | Tensioning device
|  | Tensioning plates
|  | Clamping plate |
| 3 Install suspension strut (11) in spring compressor | 1 To do this, adjust opening dimension: X = 155 mm. |
| 4 Clamp spring (12) until the load is taken off the upper spring cup | 1 X = 30 mm. |
| 5 Unscrew slotted nut (11a) | 1 Counter the piston rod using a hexagon socket wrench.
|  | Pin wrench socket |

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MODELS 203.081 /084 /087 /092 /281 /284 /287 /292
6. Remove ball bearing (11c)
7. Remove suspension strut (11)
8. Release spring compressor and remove spring (12) and upper spring cup
   Before removing, mark the spring (12) with a chalk line.
9. Check suspension strut (11)
   Check suspension strut insert for leaks. A light oil film on the suspension strut insert is permissible.

Assemble
10. Lay the spring (12) in the tensioning device
    To do this, adjust opening dimension:
    X = 215 mm.
11. Tension spring (12)
12. Insert suspension strut (11) with the lower rubber mount (13b) and stop buffer (11f)
13. Mount the upper rubber mount (13a), ball bearing (11c) and upper support bearing (11i)
14. Attach slotted nut (11a) adequately and tighten
    Counter the piston rod using a hexagon socket wrench.
    Pin wrench socket
15. Release spring (12) and remove spring strut (11) from spring compressor

Install
16. Install front strut assembly (11)

Front axle shock absorber

<table>
<thead>
<tr>
<th>Number</th>
<th>Designation</th>
<th>Model</th>
</tr>
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<tbody>
<tr>
<td>BA32.25-P-1009-01B</td>
<td>Nut to piston rod</td>
<td>203</td>
</tr>
</tbody>
</table>

Pin wrench socket

AR32.25-P-1017PW

AR40.20-P-0200P