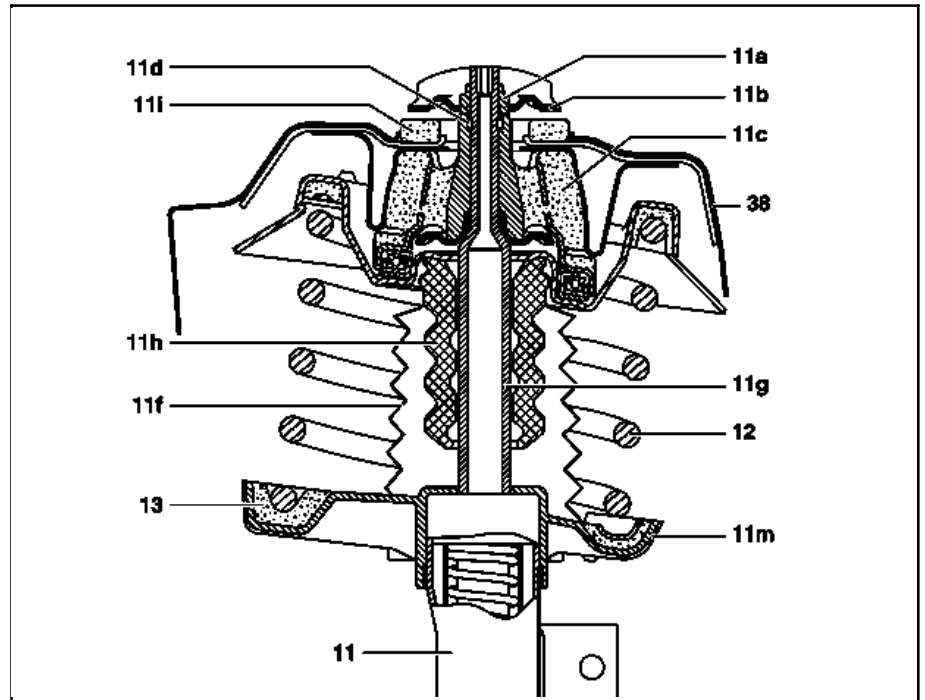


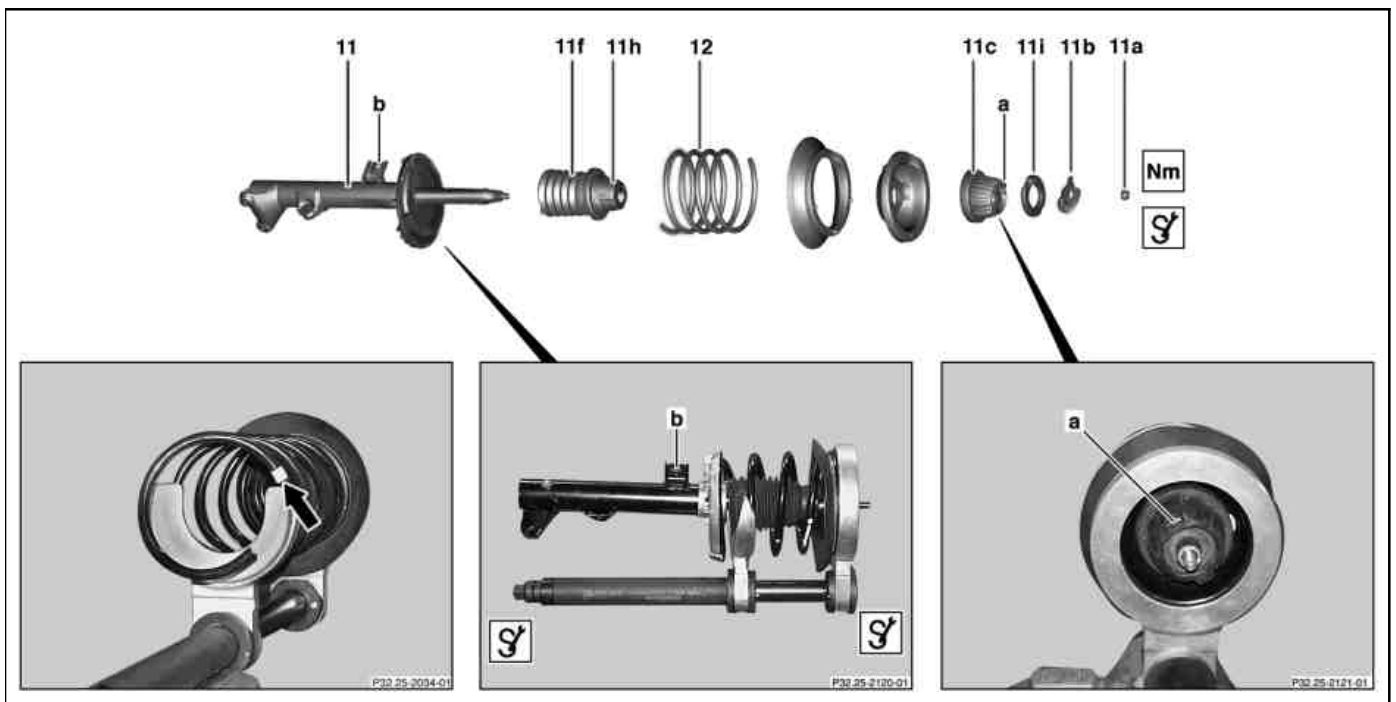
MODEL 203 (except 203.08 /09 /28 /29)

MODEL 209 except CODE (P98) Black Series

- 11 Suspension strut
- 11a Nut
- 11b Positioning washer
- 11c Suspension strut bearing
- Protective cover
- 11g Piston rod
- 11h Rubber stopper
- 11i Washer
- 12 Spring



P32.20-2033-06



P32.25-2123-09

- 11 Suspension strut
- 11a Nut
- 11b Positioning washer
- 11c Suspension strut bearing

- 11f Protective cover
- 11h Rubber stopper
- 11i Washer
- 12 Spring

- a Highest point of suspension strut mount
- b Fastening shackle

	<p><b>Removing</b></p>		
<p><b>⚠ Danger!</b></p>	<p><b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.</p>	<p>Align vehicle between columns of vehicle lift and position four support plates at vehicle lift support points specified by vehicle manufacturer.</p>	<p>AS00.00-Z-0010-01A</p>

<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 load	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
1	Remove front spring strut (11)		AR32.25-P-1017P
	<b>Disassemble</b>		
2	Clamp spring compressor in a vise and install clamping plates		*203589013100 *203589016300
3	Install suspension strut (11) in spring compressor	Attach clamping plates so that at least three windings of the spring (12) are tensioned.	
4	Clamp spring (12) until the upper spring cup is relieved of load	Observe correct installation position.	
5	Unscrew nut (11a)	Model 203 Counterhold piston rod (11g) using Allen wrench 	*203589000700
6	Remove suspension strut 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 (arrow).	
9	Check suspension strut (11)	Check suspension strut insert for leaks. A light oil film on the suspension strut insert is permissible. Dispose of suspension strut (11) in the event of more severe leakage: See dispose of shock absorber.	AR32.25-P-0121A OS32.25-P-0121-01GC
	<b>OS</b>		
	<b>Assemble</b>		
10	Insert tensioning device	Insert the clamping plates so that at least three windings of the spring (12) are clamped.	
11	Tension spring (12)		
12	Insert suspension strut insert		
13	Fit suspension strut bearing (11c) on upper spring cup	Mount suspension strut bearing (11c) so that the highest point (a) of the suspension strut bearing (11c) lies on an imaginary line with the outer end of the mounting bracket (b).	
14	Attach and tighten nut (11a)	Counterhold piston rod (11g) using Allen wrench Model 203 Model 209	*BA32.25-P-1009-01B *BA32.25-P-1004-01E
15	Release spring (12) and remove spring strut (11) from spring compressor		
	<b>Install</b>		
16	Install front strut assembly (11)		AR32.25-P-1017P
17	Perform a wheel alignment check	Only necessary after accident repairs.	AR40.20-P-0200P

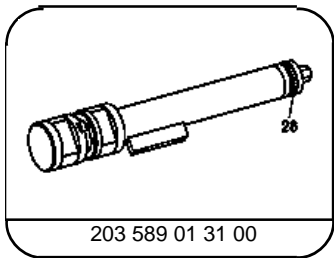
**Front axle shock absorber**

Number	Designation	Model 203 without 4MATIC
BA32.25-P-1009-01B	Nut to piston rod	Nm 20

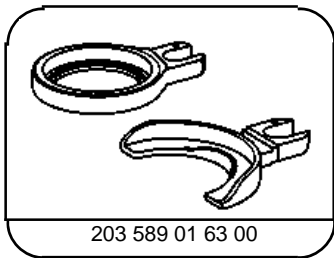
**Front axle shock absorber**

Number	Designation	Model 209 without code P98

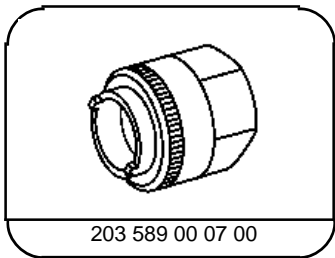
BA32.25-P-1004-01E	Nut to piston rod	Nm	20
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Tensioning device



Tensioning plates



Pin wrench socket