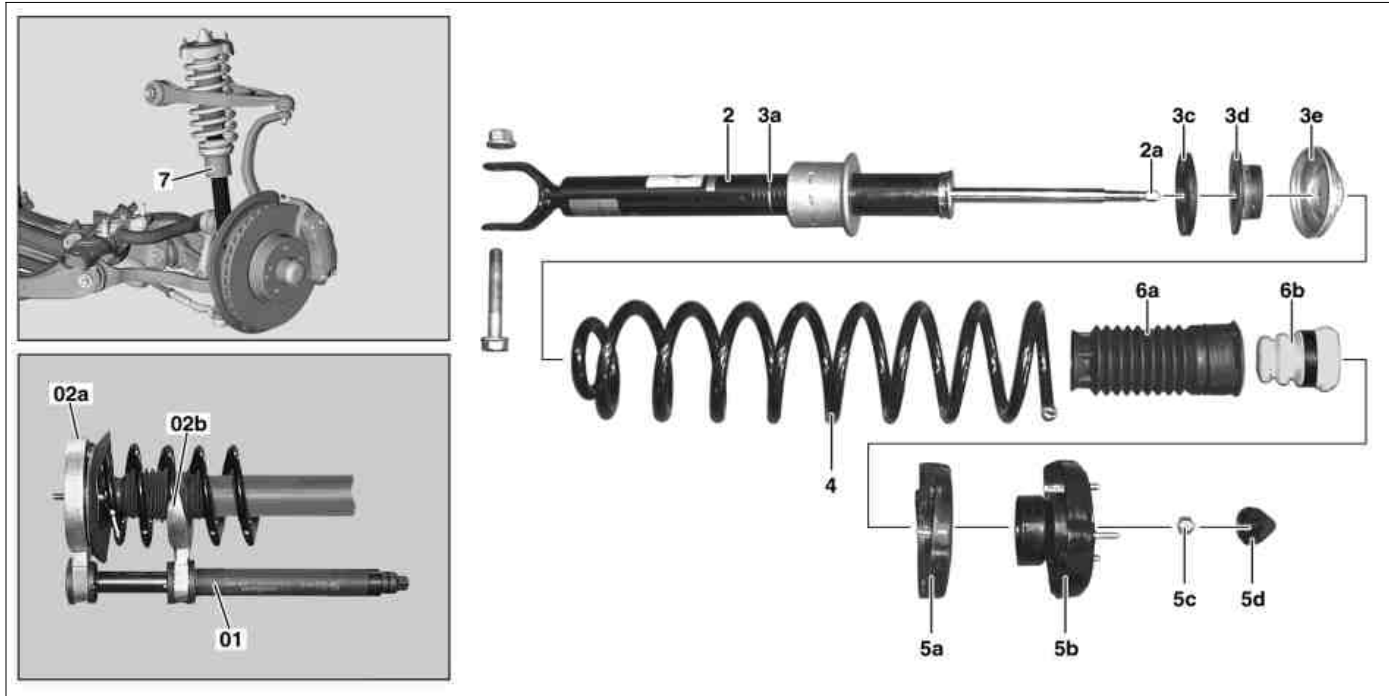


MODEL 211.0 /2 except CODE (489) Airmatic (semi-active air suspension)
 MODEL 211.6
 MODEL 230
 except CODE (487) Active Body Control (ABC)
 except CODE (P99) Special model "AMG Black Series"



P32.25-2057-09

Shown on suspension strut, model 211

- | | | | |
|-----|-------------------|---------------------------|--------------------|
| 01 | Tensioning device | 3c Base washer | 5c Securing nuts |
| 02a | Clamping plate | 3d Rubber support | 5d Cap |
| 02b | Clamping plate | 3e Bottom spring retainer | 6a Bellows |
| 2 | Shock absorber | 4 Spring | 6b Stop damper |
| 2a | Piston rod | 5a Spring seat | 7 Suspension strut |
| 3a | Support ring | 5b Top spring retainer | |

Modification notes

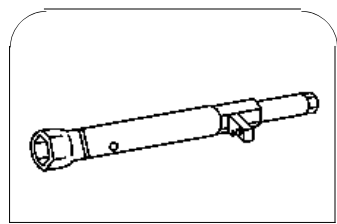
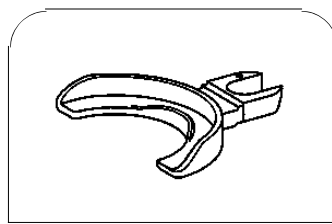
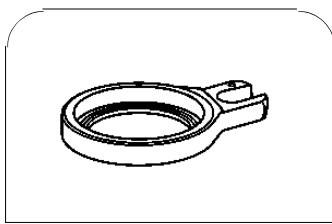
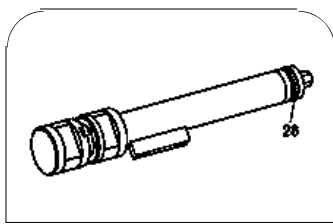
15.10.07	Torque for nut on piston rod incorporated	Step 6	*BA32.25-P-1014-04B
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	Removing		
Danger!	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between columns of vehicle lift and position four support 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		AH00.00-N-0001-01A
	Springs; general background information.		AH32.20-P-9404-01A
1	Remove front or rear suspension strut (7)	Remove front suspension strut: Model 211 with 4MATIC Model 211 without 4Matic, 230 Remove rear suspension strut: Model 230	AR32.25-P-1017T AR32.25-P-1017TS AR32.25-P-1016RA
	Disassemble/assemble		
2	Clamp the tensioning device (01) in the vise and insert the clamping plate (02a) and clamping plate (02b)	 Model 230: Clamping plate Model 211:	*203589013100 *230589116300

		Model 230, front suspension strut: ☒ Clamping plate, part 01 Model 230, rear suspension strut: ☒ Clamping plate, part 02	*230589106300 *230589106300
3	Install suspension strut (7) in spring compressor (01)	ℹ When positioning the strut, attempt to get the maximum possible number of spring coils (4) in the spring clamp.	
4	Clamp the spring (4) until the upper spring cup (5b) is relieved of load		
5	Remove cap (5d)		
6	Unscrew mounting nut (5c) and remove shock absorber (2)	ℹ Counterhold piston rod (2a). Nm Model 211: ☒ Socket Model 230: ☒ Socket wrench	*BA32.25-P-1014-04B *210589000900 *202589000900
7	Remove bellows (6a) and stop damper (6b)		
8	Remove lower spring cup (3e), contact rubber (3d) and support washer (3c)		
9	Unclamp tensioning device (01) and remove spring (4) with upper spring cup (5b) and spring seat (5a)		
☒	Checking		
10	Inspect shock absorber (2)	☒ Checking shock absorbers for leaks A thin film of oil on the shock absorber is permissible. Replace shock absorbers according to requirement: ↓ Install support ring (3a) in correct position on new shock absorber. Caliper gage, measuring range up to 500 mm gotis://G 58.3 09.1	AR32.25-P-0121A AR32.25-P-1018-01TS
11	Check bellows (6a), stop damper (6b), spring seat (5a), support washer (3c) and contact rubber (3d) for wear	ℹ Replace any components with oil contamination, cracks or deformation.	
12	Assemble in the reverse order		
☒	Install		
13	Install front or rear suspension strut (7)	Install front suspension strut: Model 211 with 4MATIC Model 211 without 4Matic, 230 Install rear suspension strut: Model 230	AR32.25-P-1017T AR32.25-P-1017TS AR32.25-P-1016RA
14	Inspect headlamp adjustment, correct if necessary. Check and correct the adjustment of the headlamps	After installing new parts Model 211 Model 230	AP82.10-P-8260T AP82.10-P-8260R

Nm Suspension struts

Number	Designation		Model 211 steel suspension	Model 230 except code P99
BA32.25-P-1014-04B	Nut to piston rod	Nm	23	23



Tensioning device

Clamping plate

Clamping plate

Wrench socket

