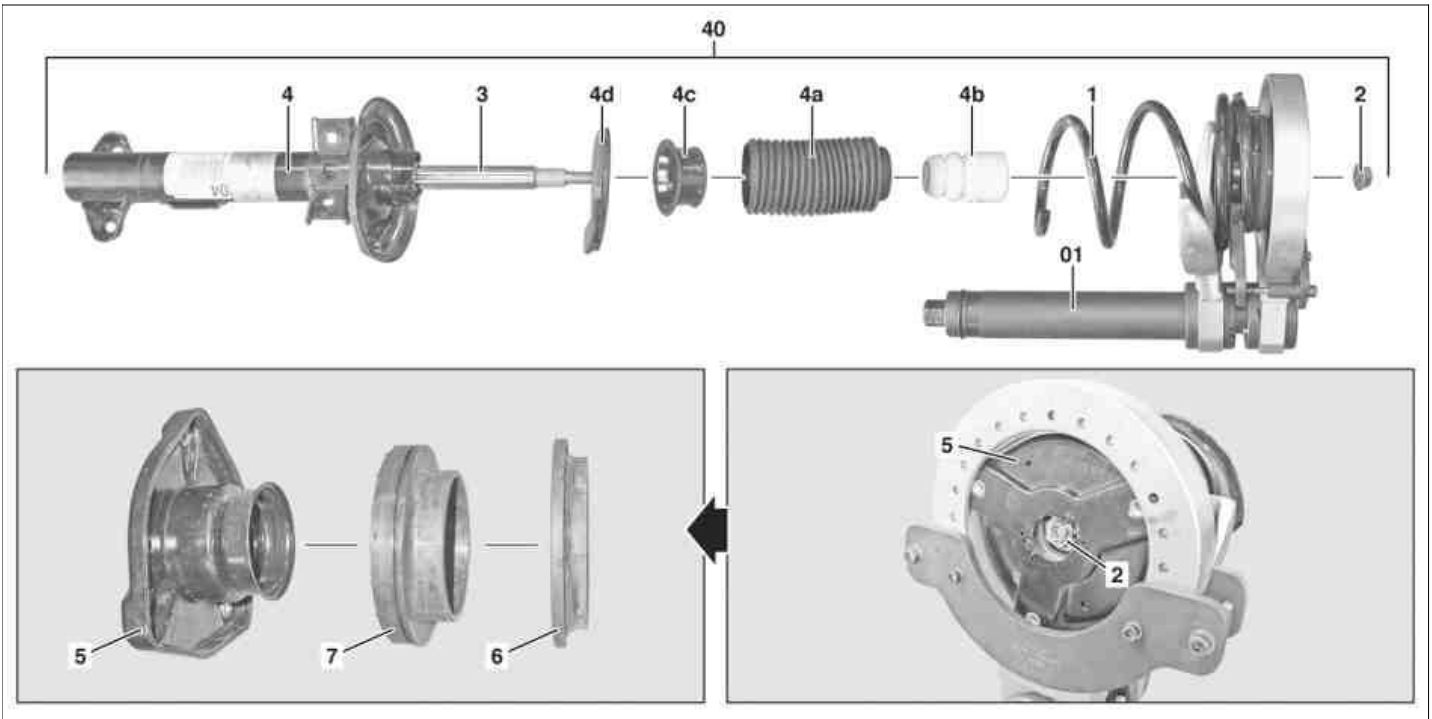


MODEL 172, 204, 207

MODEL 212, 218 except CODE (489) AIRMATIC (air suspension with continuous damper adjustment)



















P32.25-2185-09

- 01 Tensioning device
- 1 Front spring
- 2 Nut
- 3 Piston rod
- 4 Shock absorber

- 4a Dust boot
- 4b Stop buffer
- 4c Cap
- 4d Rubber insert

- 5 Spring cup
- 6 Rubber ring
- 7 Thrust bearing
- 40 Suspension strut

	Removing		
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
1	Remove suspension strut (40)	Model 172, 204, 207 Model 212, 218	AR32.25-P-1017CW AR32.25-P-1017EW
	Disassemble/assemble		
2	Clamp tensioning device (01) in vise, insert clamping plates and tension front spring (1)	Tensioning device Adapter plate Model 172 Clamping plate Model 172, Model 204, 207, Model 212, 218 with code (486) Sports suspension or with code (488) Steel/air suspension, Model 212 with code (677) AVANTGARDE suspension Clamping plate Model 172, Model 204, 207 Model 212, 218 Adapter plate Model 172, 204.9 Model 212, 218 with code (486) Sports suspension or code (488) Steel/air suspension	AR32.20-P-0200-05CW *203589013100 *172589006300 *203589016302 *204589006300 *204589026300

		 Adapter plate Model 212 with code (482) Suspension for greater ground clearance or code (485) Comfort suspension or code (677) AVANTGARDE suspension, Model 218 without code (486) Sports suspension and without code (488) Steel/air suspension  Adapter plate Model 212, 218 with code (486) Sports suspension or code (488) Steel/air suspension	*212589006300 *212589026300
3	Unscrew nut (2) from piston rod (3)	 Model 172  Model 204, 207, 212, 218	*BA32.25-P-1004-01N *BA32.25-P-1004-04M
4	Remove shock absorber (4) from tensioning device (01)		
5	Remove dust boot (4a), stop buffer (4b), cap (4c) and rubber insert (4d)	If replacing the damper (4).	
		 Only carry out operation steps 6 to 11 when replacing the front spring (1)	
6	Release front spring (1)	 Tensioning device  Adapter plate Model 172  Clamping plate Model 172, Model 204, 207, Model 212, 218 with code (486) Sports suspension or code (488) Steel/air suspension, Model 212 with code (677) AVANTGARDE suspension  Clamping plate Model 172, Model 204, 207 Model 212, 218  Adapter plate Model 172, 204.9 Model 212, 218 with code (486) Sports suspension or code (488) Steel/air suspension  Adapter plate Model 212 with code (482) Suspension for greater ground clearance or code (485) Comfort suspension or code (677) AVANTGARDE suspension, Model 218 without code (486) Sports suspension and without code (488) Steel/air suspension  Adapter plate Model 212, 218 with code (486) Sports suspension or code (488) Steel/air suspension	AR32.20-P-0200-05CW *203589013100 *172589006300 *203589016302 *204589006300 *204589026300 *212589006300 *212589026300
7	Remove front spring (1)	 Installation: Observe installation position of front spring (1). The front spring (1) must be installed with the flat side of the coil towards the spring cup (5).	
8	Remove the spring cup (5) from the front spring (1)		
9	Using a suitable tool pry rubber ring (6) off the thrust bearing (7)	When replacing the rubber ring (6).	
10	Using a suitable tool pry thrust bearing (7) off the spring cup (5)	When replacing the thrust bearing (7).	
11	Check shock absorber (4)	 A light oil film on the piston rod (3) is acceptable. Dispose of shock absorber (4) in the event of more severe leakage:	AR32.25-P-0121CW OS32.25-P-0121-01GC
 OS	Disposing of shock absorber		
12	Assemble in the reverse order		
	Install		
13	Install suspension strut (40)	Model 172, 204, 207 Model 212, 218	AR32.25-P-1017CW AR32.25-P-1017EW
14	Perform wheel alignment check	Model 204	AR40.20-P-0200CW

Nm Suspension struts

Number	Designation	Model 172
BA32.25-P-1004-01N	Nut to piston rod	Nm 85

Nm Suspension struts

Number	Designation	Model 204.00/02/04/05/0 6/20/22/24/25/ 30/33/34/35 without code 483	Model 204.00/02/04/05/ 06/20/22/24/25 with code 483, model 204.077/277/ 377
BA32.25-P-1004-04M	Nut to piston rod	Nm 100	85

Nm Suspension struts

Number	Designation	Model 204.08/09/28/29/ 38/9
BA32.25-P-1004-04M	Nut to piston rod	Nm 100

Nm Suspension struts

Number	Designation	Model 207 without code 483	Model 207 with code 483
BA32.25-P-1004-04M	Nut to piston rod	Nm 100	85

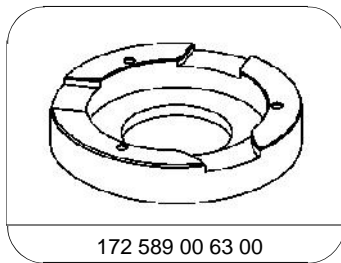
Nm Suspension struts

Number	Designation	Model 212.00/02/04/05/0 72/073/14/15/20/2 2/24/25/272 without code 489	Model 218.30/32/35/373 without code 489

BA32.25-P-1004-04M	Nut to piston rod	Nm	100	100
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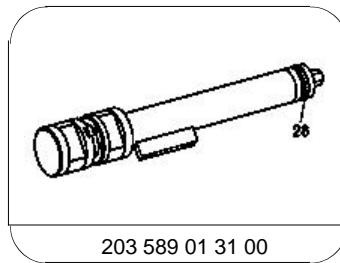
Nm Suspension struts

Number	Designation		Model 212.08/09/28/29 without code 489	Model 218.39 without code 489
BA32.25-P-1004-04M	Nut to piston rod	Nm	100	100



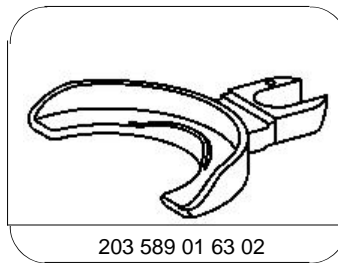
172 589 00 63 00

Adapter plate



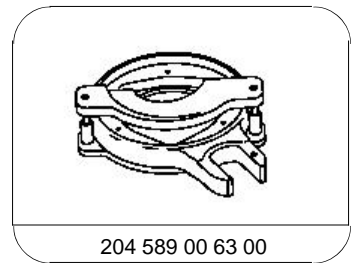
203 589 01 31 00

Tensioning device



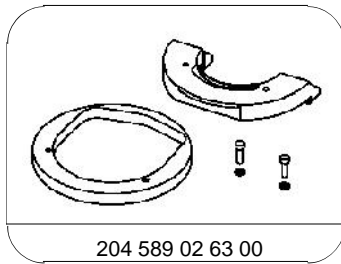
203 589 01 63 02

Clamping plate



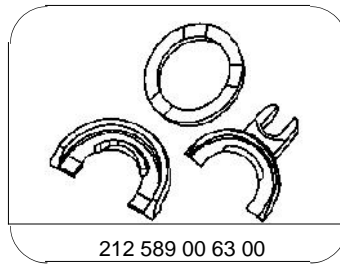
204 589 00 63 00

Clamping plate



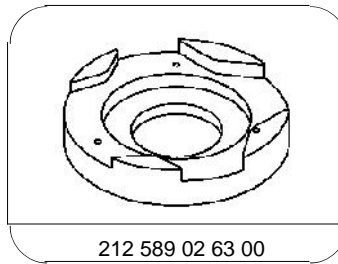
204 589 02 63 00

Adapter plate



212 589 00 63 00

Adapter plate



212 589 02 63 00

Adapter plate