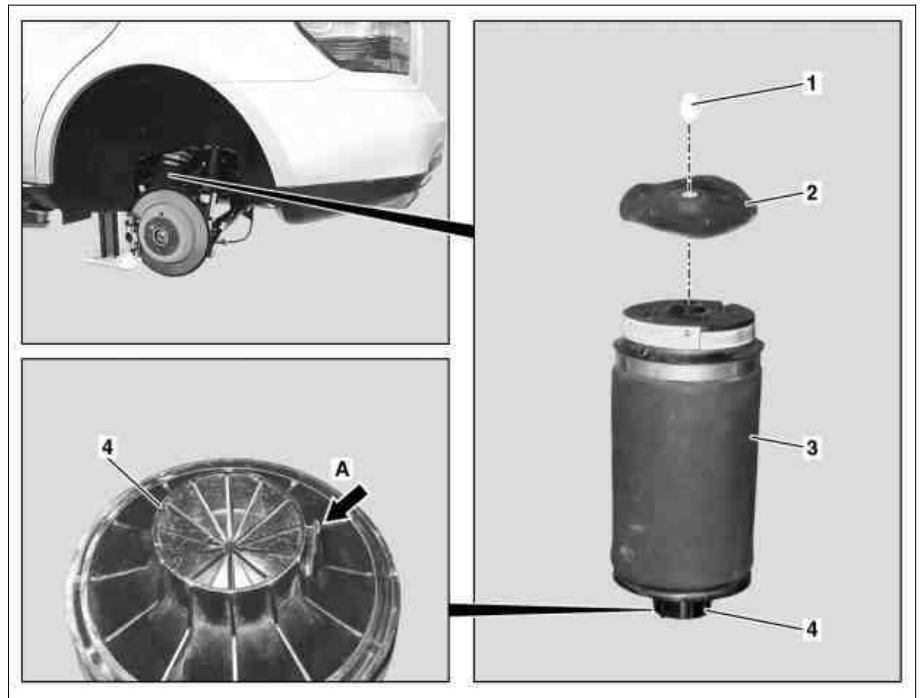


MODEL 164

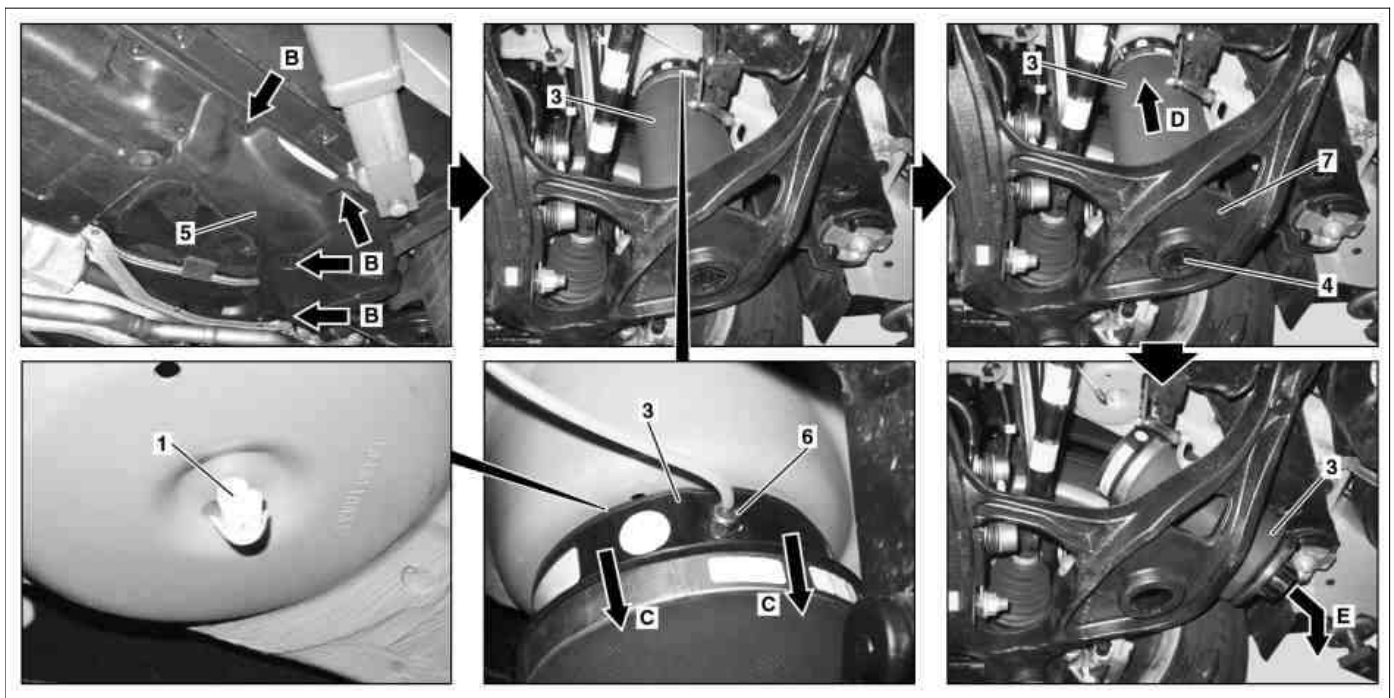
Vehicle with air suspension

Wheel removed to simplify the presentation. Shown on model 164.1

- 1 Retaining clip
- 2 Cover
- 3 Air spring
- 4 Air spring centering



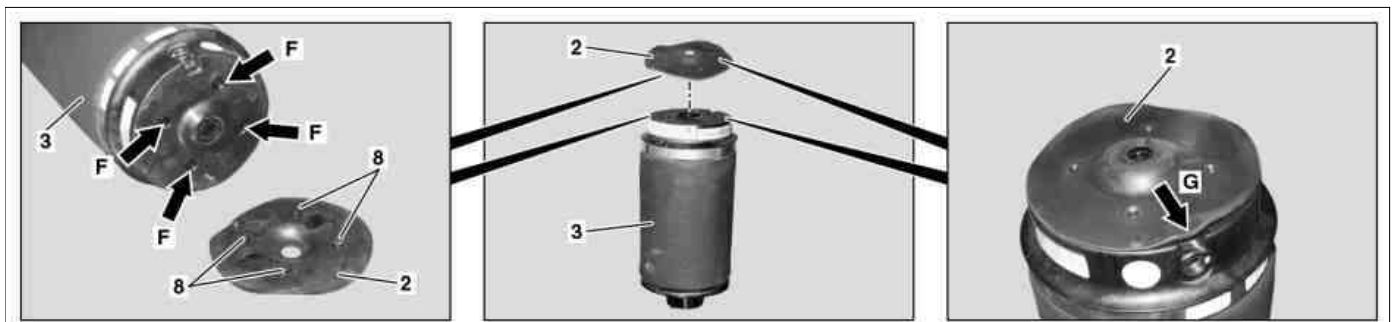
P32.22-2325-06



P32.22-2326-09

- 1 Retaining clip
- 3 Air spring
- 4 Air spring centering

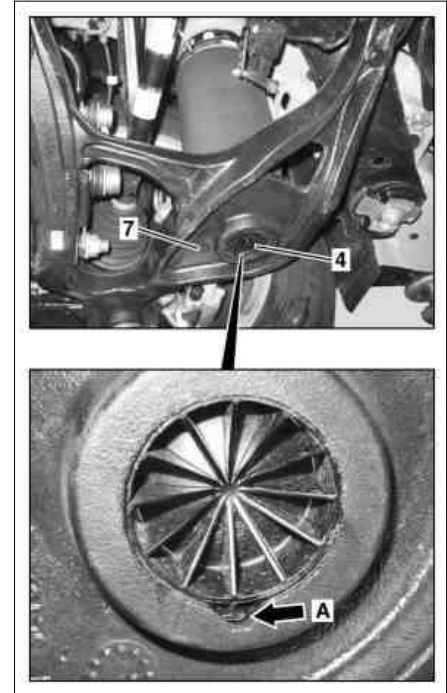
- 5 Cover
- 6 Threaded connection, air suspension pressure line
- 7 Spring control arm



P32.22-2327-07

- 2 Cover
- 3 Air spring
- 4 Air spring centering
- 7 Spring control arm

8 Fixing spigot



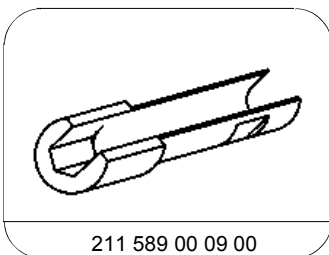
P32.22-2328-03

	Removing		
Danger!	Risk of injury caused by moving parts that can pinch, crush or, in extreme cases even sever extremities.	Keep body parts and limbs well clear of moving parts.	AS00.00-Z-0009-01A
Danger!	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between the columns of the lifting platform and position the four support plates at the lifting platform support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
1	Raise vehicle with lifting platform	Raise vehicle far enough until the wheels are clear of the ground.	AR00.60-P-1000GZ
AD	Empty air spring (3) with STAR DIAGNOSIS diagnosis system Connect STAR DIAGNOSIS and read out fault memory	STAR DIAGNOSIS diagnosis system	*WH58.30-Z-1048-13A AD00.00-P-2000-04A
3	Turn key in ignition switch to position "0".	On vehicles with Keyless Go, code 889: Press keyless go start/stop button repeatedly until ignition is switched off	
4	Raise vehicle with lifting platform		AR00.60-P-1000GZ
5	Remove cover (5)	Unscrew four plastic nuts (arrows B).	
6	Unscrew threaded connection of air suspension pressure line (6) from the air spring (3)	Seal the opening in the pressure line for air suspension and the air spring (3). Socket	*21158900900
7	Carefully pull the air spring (3) downwards at its upper plastic frame (arrows C), until the air spring (3) detaches from the retaining clip (1)	Do not twist air spring (3) otherwise it will be damaged The retaining clip (1) must be replaced during installation as it is destroyed during removal.	
8	Carefully push the air spring (3) together (arrow D), in the process press the air spring centering (4) out of the spring control arm (7) from below	Do not twist air spring (3) otherwise it will be damaged	
9	Remove air spring (3) downwards at an angle (arrow E)		
	Checking		
10	Check air spring (3) and cover (2) for damage	Replace if necessary. If necessary remove the remains of the retaining clip (1) from the upper bore of the air spring (3).	
	Install		

		ⓘ If the air spring (3) is not installed and filled according to the specifications, this can be predamaged and fail later	
11	Mount cover (2) on the air spring (3)	ⓘ The fixing spigots (8) must engage in the bores (arrows F) of the air spring (3) . The curved section (arrow G) of the cover (2) must be positioned above the pressure line connection of the air spring (3).	
12	Install new retaining clip (1) on the body	ⓘ Remove the remains of the old retaining clip (3) from the body	
13	Insert air spring (3)	ⓘ Do not twist air spring (3) otherwise it will be damaged ⓘ The air spring (3) must latch on the retaining clip (1) and be correctly positioned in the spring control arm (7)with the lug (arrow A) of the air spring centering system (4).	
14	Screw the threaded connection of the air suspension pressure (6) on the air spring (3)	Nm ☒ Socket	*BA32.22-P-1001-03B *211589000900
15	Fit on cover (5)	ⓘ Screw on four plastic nuts (arrows B).	
16	Lower vehicle with lifting platform	ⓘ Only lower vehicle far enough that the wheels are still easily accessible.	AR00.60-P-1000GZ
17	Start engine and run	ⓘ Before starting ensure that the transmission is in neutral! ⓘ Use exhaust extraction!	
18	Fill the air spring (3) using the STAR DIAGNOSIS diagnosis system Connect STAR DIAGNOSIS and read out fault memory	ⓘ Ensure leaktightness of air suspension system. STAR DIAGNOSIS diagnosis system	AD00.00-P-2000-04A *WH58.30-Z-1048-13A
19	Switch off engine and lower vehicle using the lifting platform		

Nm Air suspension

Number	Designation	Model 164.1/8 with AIRmatic, code 489
BA32.22-P-1001-03B	Air suspension pressure line to rear air spring	Nm 2



211 589 00 09 00

Wrench socket

Commercially available tools

Number	Designation
WH58.30-Z-1048-13A	STAR DIAGNOSIS diagnosis system, Compact Passenger Car

6511 1801 00