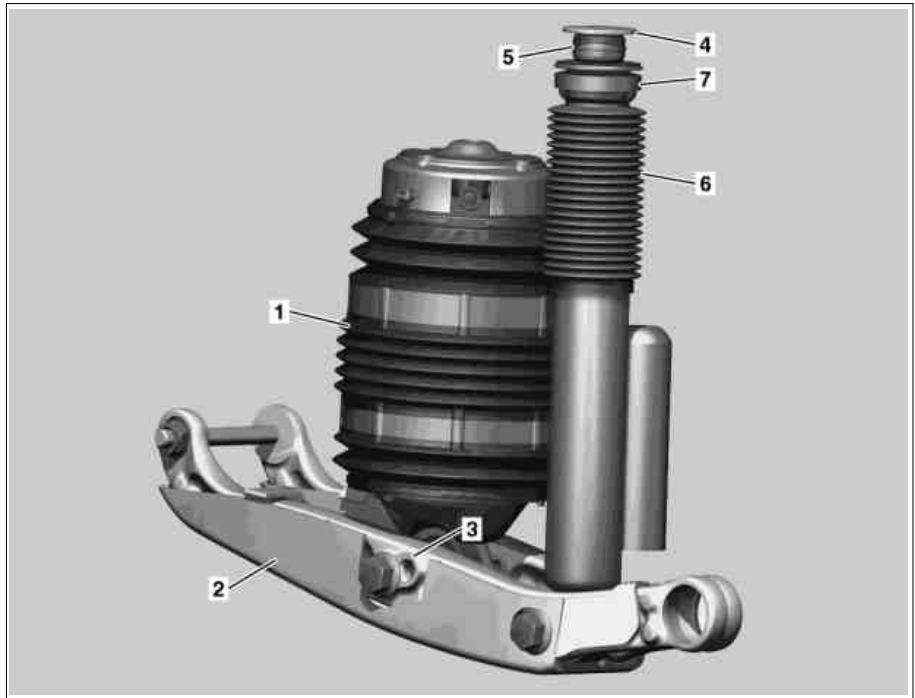



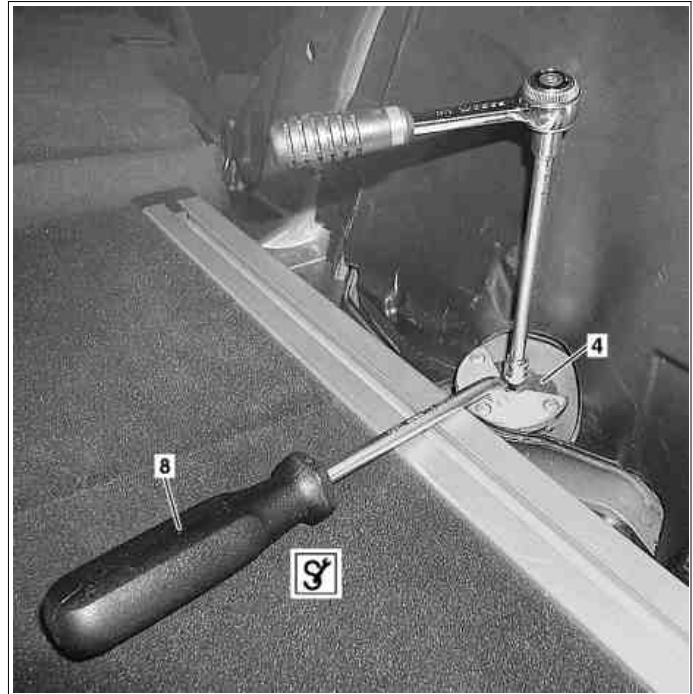
MODELS 211.2/ 6

- 1 Air spring
- 2 Cover
- 3 Spring control arm
- 4 Mounting plate
- 5 Upper rubber mount
- 6 Shock absorber
- 7 Lower rubber mount








P32.25-2084-06

- 4 Mounting plate
- 8  Pronged wrench



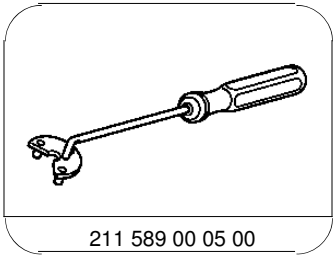
P32.25-2085-12

	Remove/Install		
 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 below the hoist support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
 Danger!	Risk of injury caused by moving parts that can pinch, crush or , in extreme cases even sever extremities.	Keep all body parts and limbs away from moving mechanical components.	AS00.00-Z-0009-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	When working on the rear axle, ensure that the surfaces of the aluminum parts are kept free of scratches, cracks and indentations. Otherwise the service life of the parts will be affected		

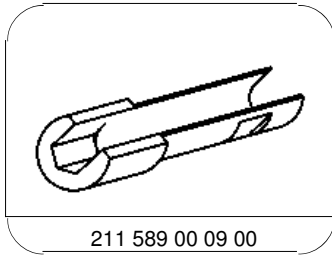
i Installation	Tighten nuts and bolts of chassis components only when vehicle is in the ready-to-drive condition.		
1.1	Remove rear passenger compartment side trim panel	Model 211.2	AR68.30-P-4780T
2	Raise vehicle with lifting platform		AR00.60-P-1000T
3 AP	Remove rear wheel Remove and install wheels		AP40.10-P-4050Z
4	Remove inner fender from rear fender		AR88.10-P-1400T
5.1	Disconnect rear axle multiple circuit junction connector for damping valve unit at rear axle	Vehicles with AIRmatic (semi-active air suspension), code 489	AR32.22-P-1500-01TH
6	Remove cover (2) from spring control arm (3)		
7 ⓘ ⓘ	Discharge to residual pressure in air spring (1) using STAR DIAGNOSIS and immediately raise spring control arm (3) Special information on AIRmatic Notes on air suspension	ⓘ The air spring must not be full extended otherwise the air spring will be damaged beyond repair. Vehicles with AIRmatic (semi-active air suspension), code 489 Vehicles without Airmatic (semi-active air suspension) Vehicles with AIRmatic (semi-active air suspension), code 489 Vehicles without AIRmatic Socket wrench bit ⓘ Installation: Carefully observe the official charging process for the air springs to prevent them from possible destruction: ↓ Charge air spring with STAR DIAGNOSIS at design level. Vehicles with AIRmatic (semi-active air suspension), code 489 Vehicles without Airmatic (semi-active air suspension) Transmission jack STAR DIAGNOSIS diagnosis system	AH32.22-P-1000-02T AH32.22-P-1000-01T AR32.22-P-1500-04T AR32.22-P-1500-04TA *211589000900 AR32.22-P-1500-03T AR32.22-P-1500-03TA *WE58.40-Z-1030-11A *WH58.30-Z-1048-13A
8	Counterhold mounting plate (4) with puller (8) and loosen by turning the piston rod	ⓘ Installation: Apply the torque to the piston rod to tighten the mounting plate. Otherwise static friction between the mounting plate and the upper rubber bushing (5) will prevent adequate torque from being applied. 	*BA32.25-P-1001-03G *211589000500
9	Remove mounting plate (4) and upper rubber mount (5)		
10	Detach shock absorber (6) from spring control arm (3)		*BA32.25-P-1002-03G
11	Slide damper (6) together and remove		
12	Remove lower rubber mount (7)		
	Check		
13	Check upper and lower rubber bushings (5, 7)	i Replace cracked, oiled and deformed rubber mounts.	
14	Check shock absorber (6) for damage	Replace if necessary.	
15	Install in the reverse order		

Rear axle shock absorber

Number	Designation	Model 211.2/6
BA32.25-P-1001-03G	Mounting plate, shock absorber to frame floor M10 Nm	20
BA32.25-P-1002-03G	Self-locking nut to spring control arm shock absorber M10	1st stage Nm 50
		2nd stage ° 90



Puller



Socket

Commercially available tools

Number	Designation	
WH58.30-Z-1048-13A	STAR DIAGNOSIS diagnosis system, Compact Passenger Car	6511 1801 00

Workshop equipment

WE58.40-Z-1030-11A	Transmission jack
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