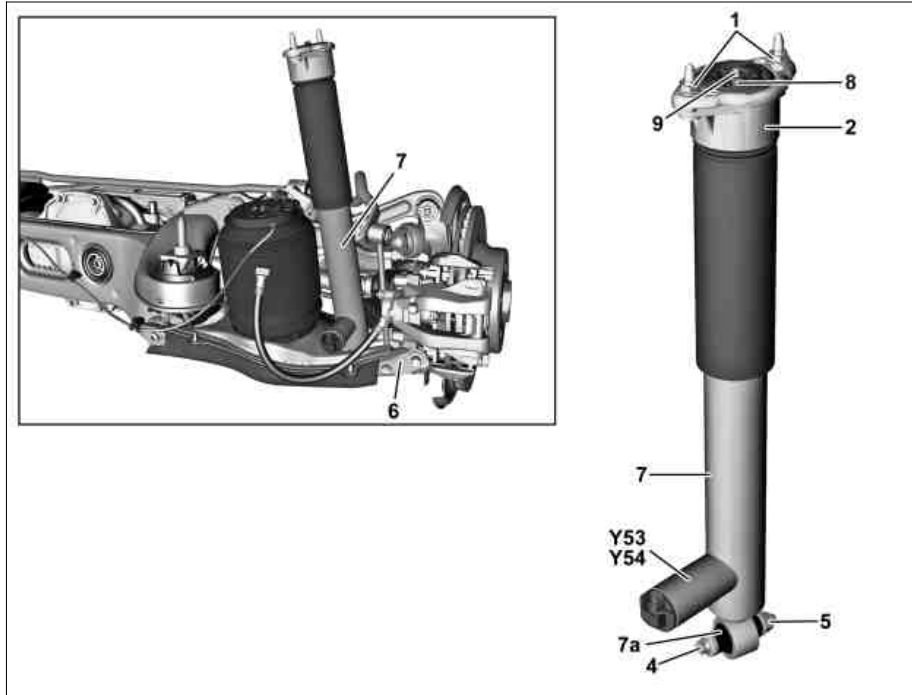


**MODEL 212.0/1**  
 with CODE 488 (Steel/air suspension)  
 with CODE 489 (AIRMATIC (air suspension with continuous damper adjustment))

**MODEL 212.2**  
**MODEL 218**  
 with CODE 488 (Steel/air suspension)  
 with CODE 489 (AIRMATIC (air suspension with continuous damper adjustment))

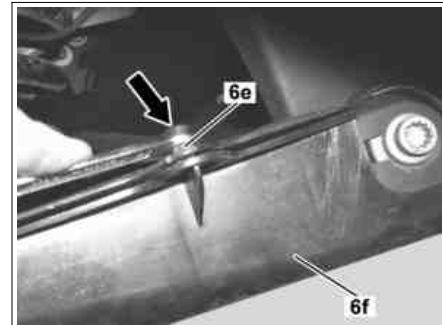
Shown on right rear shock absorber

1 Nuts  
 2 Support bushing  
 4 Screw  
 5 Nut  
 6 Spring control arm  
 7 Shock absorber  
 7a Rubber bushing  
 8 Nut  
 9 Piston rod  
 Y53 Left rear axle damping valve unit  
 Y54 Right rear axle damping valve unit



P32.25-2250-06

6e Lock  
 6f Cover



P35.20-2239-01

☒ ☒	Remove/install		
⚠ <b>Danger !</b>	<b>Risk of injury</b> . Moving parts can pinch, crush or, in extreme cases even sever extremities.	No parts of the body or limbs should be within the operating area of the mechanism when the components are moving.	AS00.00-Z-0009-01A
⚠ <b>Danger !</b>	<b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
ⓘ	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
ⓘ	Notes on AIRmatic		AH32.22-P-1000-02EW
ⓘ	Notes on repair work on suspension components		AH00.00-P-0100-01A
1	Deflate air spring using STAR DIAGNOSIS	Only with CODE 488(Steel/air suspension) or with CODE 489(AIRMATIC (air suspension with continuous damper adjustment))	AD00.00-P-2000-04A

		ⓘ <b>Installation:</b> The air spring must be filled as per the specifications. The air spring can otherwise be damaged and fail later.	
2	Switch off ignition		
3	Remove rear wheel		AP40.10-P-4050EW
4	Remove fender liner.		
5	Detach cover (6f) from spring control arm (6)	ⓘ Compress locks (6e) of cover (6f) using sleeve or box wrench (arrow).	
6	Unscrew nut (5) and pull bolt (4) out of spring control arm (6)	Nm Self-locking nut, shock absorber to spring control arm	*BA32.25-P-1001-03M
7	Detach connector from left rear-axle damping valve unit (Y53) or right rear-axle damping valve unit (Y54)		
8.1	Remove side paneling in trunk	MODEL 212.0/1 with CODE 488 (Steel/air suspension) with CODE 489 (AIRMATIC (air suspension with continuous damper adjustment)) MODEL 218.3 with CODE 488 (Steel/air suspension) with CODE 489 (AIRMATIC (air suspension with continuous damper adjustment))	AR68.30-P-4600EW  AR68.30-P-4600EL
8.2	Remove trim for wheel well	MODEL 212.2 MODEL 218.9 with CODE 488 (Steel/air suspension) with CODE 489 (AIRMATIC (air suspension with continuous damper adjustment))	AR68.30-P-1180ES AR88.10-P-1400ELX
9	Unscrew nuts (1)	Nm Self-locking nut, damper to body	*BA32.25-P-1002-03M
10	Remove shock absorber (7)	ⓘ <b>Installation:</b> There must not be any intrusions on the protective boot. The inner air spring bellows will otherwise be damaged by the movement of the spring. ⓘ <b>Installation:</b> Push the shock absorber (7) together, position it in the spring control arm (6) and guide the support bushing (2) into the body.	
⏪	<b>Check</b>		
11	Check shock absorber (7)	ⓘ Replace if necessary.	AR32.25-P-0121CW
12	Check support bushing (2)	ⓘ Replace if necessary.	
13	Check lower rubber mount (7a)	ⓘ Replace shock absorber (7) if necessary.	
14	Unscrew nut (8) from piston rod (9)	ⓘ Only when installing a new shock absorber (7). Nm Self-locking nut, damper to piston rod	*BA32.25-P-1003-03M
15	Remove support bushing (2)	ⓘ Only when installing a new shock absorber (7).	
16	Install in the reverse order		
17	Read out fault memory with STAR DIAGNOSIS and erase if necessary		AD00.00-P-2000-04A
⚠ <b>Danger !</b>	<b>Risk of accident</b> from vehicle starting off by itself when engine running. <b>Risk of injury</b> (bruises and burns) resulting from working on the engine while it is being started or when it is running.	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
18	Perform engine test run and check AIRmatic for proper operation		

Nm Rear axle shock absorber

Number	Designation	MODEL 212	MODEL 218
BA32.25-P-1003-03M	Self-locking nut, damper to piston rod	Nm 28	28

Nm Rear axle shock absorber

Number	Designation	MODEL 212	MODEL 218
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BA32.25-P-1001-03M	Self-locking nut, shock absorber to spring control arm	Stage 1	Nm	60	60
		Stage 2	Δ°	60	60

**Nm** Rear axle shock absorber

Number	Designation			MODEL 212	MODEL 218
BA32.25-P-1002-03M	Self-locking nut, damper to body	Stage 1	Nm	15	15
		Stage 2	Nm	35	35