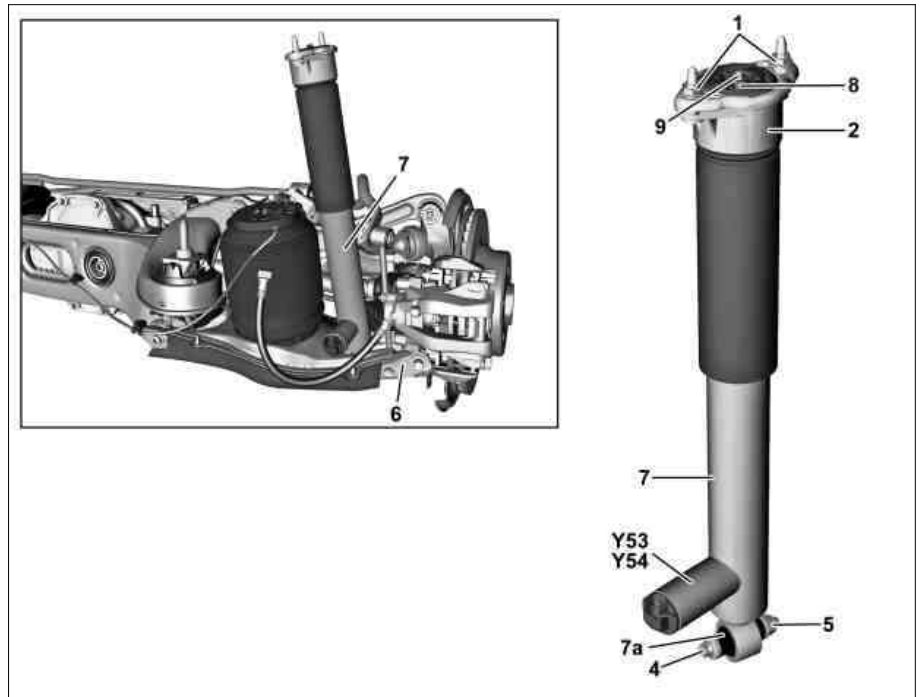


**MODEL 212.0/1, 218**  
 with CODE 488 (Steel/air suspension)  
**MODEL 212.0/1, 218**  
 with CODE 489 (AIRMATIC)  
**MODEL 212.2**

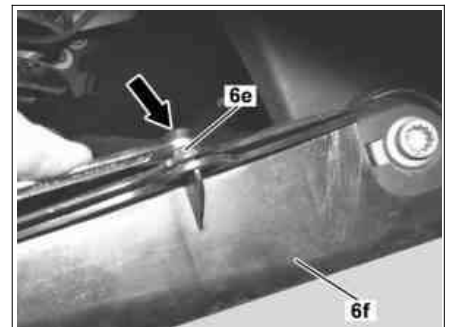
Shown on right shock absorber (7)

- 1 Nuts
- 2 Suspension strut bearing
- 4 Screw
- 5 Nut
- 6 Spring control arm
- 7 Shock absorber
- 7a Elastomer bearing
- 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


<p><b>⚠ Danger !</b></p>	<p><b>Risk of injury.</b> Moving parts can pinch, crush or, in extreme cases even sever extremities.</p>	<p>No parts of the body or limbs should be within the operating range of the mechanism when moving components.</p>	<p>AS00.00-Z-0009-01A</p>
<p><b>⚠ Danger !</b></p>	<p><b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.</p>	<p>Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by the vehicle manufacturer.</p>	<p>AS00.00-Z-0010-01A</p>
<p><b>🔧</b></p>	<p>Notes on self-locking nuts and bolts</p>		<p>AH00.00-N-0001-01A</p>
<p><b>🔧</b></p>	<p>Notes on AIRmatic</p>		<p>AH32.22-P-1000-02EW</p>
<p><b>i</b></p>	<p>Notes on repair work on suspension components</p>		<p>AH00.00-P-0100-01A</p>
<p><b>🔄</b></p>	<p><b>Remove/install</b></p>		
<p>1 <b>AD</b></p>	<p>Empty left and right air spring using diagnostic system</p>	<p><b>🔧 Installation:</b>                  Inflate air spring properly.                  The air spring can otherwise be damaged and fail later.</p>	<p>AD00.00-P-2000-04A</p>

2.1	Switch off ignition and remove transmitter key from electronic ignition lock control unit	MODEL 212.0/1, 218 with CODE 488 (Steel/air suspension) without CODE 889 (KEYLESS-GO) MODEL 212.0/1, 218 with CODE 489 (AIRMATIC) without CODE 889 (KEYLESS-GO) MODEL 212.2 without CODE 889 (KEYLESS-GO)	
2.2	Switch off ignition and remove transmitter key or KEYLESS-GO start/stop button from electronic ignition lock control unit	MODEL 212.0/1, 218 with CODE 488 (Steel/air suspension) with CODE 889 (KEYLESS-GO) MODEL 212.0/1, 218 with CODE 489 (AIRMATIC) with CODE 889 (KEYLESS-GO) MODEL 212.2 with CODE 889 (KEYLESS-GO)	
3  AP	Remove left or right rear wheel		AP40.10-P-4050EW
4	Remove left and right rear fender liner	MODEL 212.0/1, 218 with CODE 488 (Steel/air suspension) MODEL 212.0/1, 218 with CODE 489 (AIRMATIC) MODEL 212.2 MODEL 218 with CODE 488 (Steel/air suspension) MODEL 218 with CODE 489 (AIRMATIC)	AR88.10-P-1400ELX
5	Press locks (6e) of cover (6f) together using a suitable sleeve or box wrench (arrow) and detach cover (6f) from spring control arm (6)		
6	Unscrew nut (5) and pull bolt (4) out of spring control arm (6)	 Self-locking nut, shock absorber to spring control arm	*BA32.25-P-1001-03M
7	Detach electrical connector from left rear-axle damping valve unit (Y53) or right rear-axle damping valve unit (Y54)		
8.1	Remove left or right side cover in the trunk	MODEL 212.0/1, 218.3 with CODE 488 (Steel/air suspension) MODEL 212.0/1, 218.3 with CODE 489 (AIRMATIC)  MODEL 212.0/1 with CODE 488 (Steel/air suspension) MODEL 212.0/1 with CODE 489 (AIRMATIC) MODEL 218.3 with CODE 488 (Steel/air suspension) MODEL 218.3 with CODE 489 (AIRMATIC)	AR68.30-P-4600EW  AR68.30-P-4600EL
8.2	Remove left or right side trim in load compartment	MODEL 212.2 MODEL 218.9 with CODE 488 (Steel/air suspension) MODEL 218.9 with CODE 489 (AIRMATIC)  MODEL 212.2 MODEL 218.9 with CODE 488 (Steel/air suspension) MODEL 218.9 with CODE 489 (AIRMATIC)	AR68.30-P-1180ES AR68.30-P-1180ELX
9	Unscrew nuts (1)	 Self-locking nut, damper to body	*BA32.25-P-1002-03M
10	Push shock absorber (7) together and remove toward rear	 <b>Installation:</b> The outer boot on the shock absorber (7) must not be pushed in during assembly; rectify any deformations. Otherwise the movement of the spring will damage the spring bellows on the inside.  <b>Installation:</b> Push the shock absorber (7) together, position it in the spring control arm (6) and guide the suspension strut mount (2) into the body opening.	
	<b>Check</b>		
11	Check shock absorber (7) for damage	If damage is present: ↓ Install a new shock absorber (7).	AR32.25-P-0121CW
12	Check suspension strut mount (2) for damage	If damage is present: ↓ Install a new suspension strut mount (2).	


13	Check lower elastomer bearing (7a) for damage	If damage is present:  ↓ Install a new shock absorber (7).	
14	Unscrew nut (8) from piston rod (9)	When replacing the shock absorber (7) or suspension strut mount (2).  Self-locking nut, damper to piston rod	*BA32.25-P-1003-03M
15	Remove suspension strut mount (2)	When replacing the shock absorber (7) or suspension strut mount (2).	
16	Install in the reverse order		
17	Read out fault memory using the diagnostic system and delete		
 AD			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 or steel/air suspension for proper operation		

 Rear axle shock absorber

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

 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

 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