

MODEL 211.0 with CODE (489) Airmatic (semi-active air suspension)

Illustrated on left rear shock absorber

- 1

Spring control arm
- 41

Air spring
- 72c

Cover
- 75

Shock absorber
- 75a

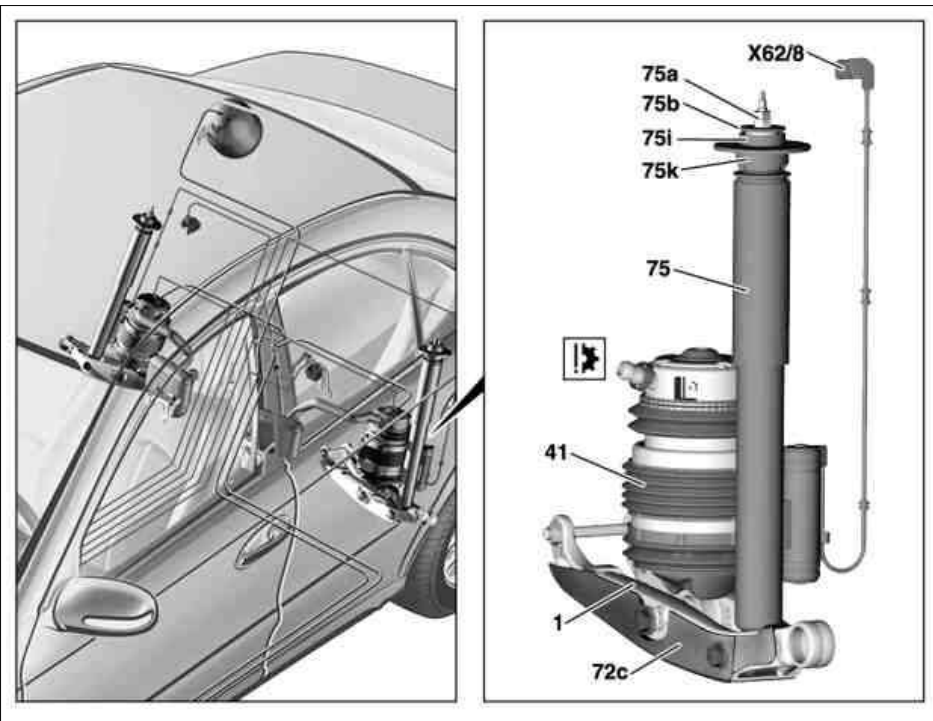
Nut
- 75b

Washer
- 75i

Upper rubber mount
- 75k

Lower rubber mount
- X62/8

Rear axle multiple circuit junction connector



P32.22-2156-06

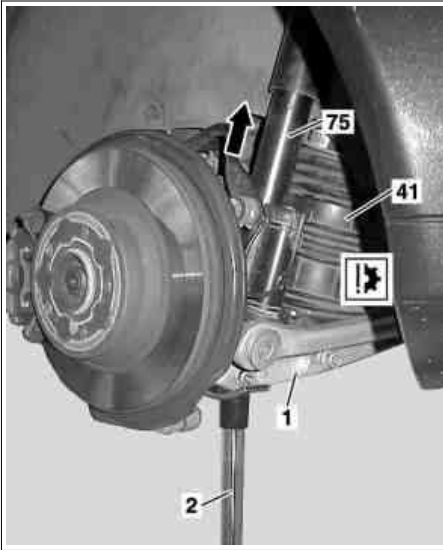
- 1

Spring control arm
- 2

Transmission jack
- 41









Air spring
- 75

Shock absorber



P32.25-2071-02

	<b>Remove/install</b>		
	<b>Risk of injury caused by moving parts that can pinch, crush or, in extreme cases even sever extremities.</b>	Keep body parts and limbs well clear of moving parts.	AS00.00-Z-0009-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	While working on the rear axle, care must be taken to ensure that the surface of aluminum components do not get any scratches, cracks and notches. Otherwise the service life of the parts will be affected		
<b>Installation</b>	Tighten nuts and bolts of chassis components only when vehicle is in the ready-to-drive condition.		
1	Remove side paneling in trunk	With through-loading feature code 287 without through-loading feature	AR68.30-P-4800TA AR68.30-P-4800T

2	 Remove rear wheel Remove and install wheels		AP40.10-P-4050Z
3	Remove inner fender from rear fender		AR88.10-P-1400T
4	Unplug rear axle multiple circuit junction connector (X62/8)		AR32.22-P-1500-01TH
5	Remove cover (72c) of spring control arm (1)		
6	Discharge to residual pressure in air spring (41) using STAR DIAGNOSIS and immediately raise spring control arm (1) roughly 30 mm using  transmission jack (2) Special information on AIRmatic	 The air spring should not be fully expanded or upset as this would cause irreparable damage.   <b>Installation:</b> The filling process of the air spring should be observed otherwise it will be destroyed:	AR32.22-P-1500-04T  AH32.22-P-1000-02T *WE58.40-Z-1030-11A AR32.22-P-1500-03T
7	Counterhold piston rod and unscrew nut (75a)		*BA32.25-P-1003-03G
8	Remove washer (75b) and upper rubber mount (75i)		
9	Detach shock absorber (75) from spring control arm (1)		*BA32.25-P-1002-03G
10	Push together shock absorber (75) (arrow) and remove backwards		
11	Remove lower rubber mount (75k)		
	<b>Checking</b>		
12	Check upper and lower rubber mounts (75i, 75k)	 Replace cracked, oiled and deformed rubber mounts.	
13	Check shock absorber (75) for damage	Replace if necessary.	
14	Install in the reverse order		

#### Rear axle shock absorber

Number	Designation	Model 211.0 with code 489a AIRmatic
BA32.25-P-1002-03G	Self-locking nut to spring control arm shock absorber	M10    Stage 1    Nm    50
		Stage 2 $\angle^\circ$ 90
BA32.25-P-1003-03G	Nut for attaching shock absorber to frame floor	M10    Nm    20

#### Workshop equipment

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