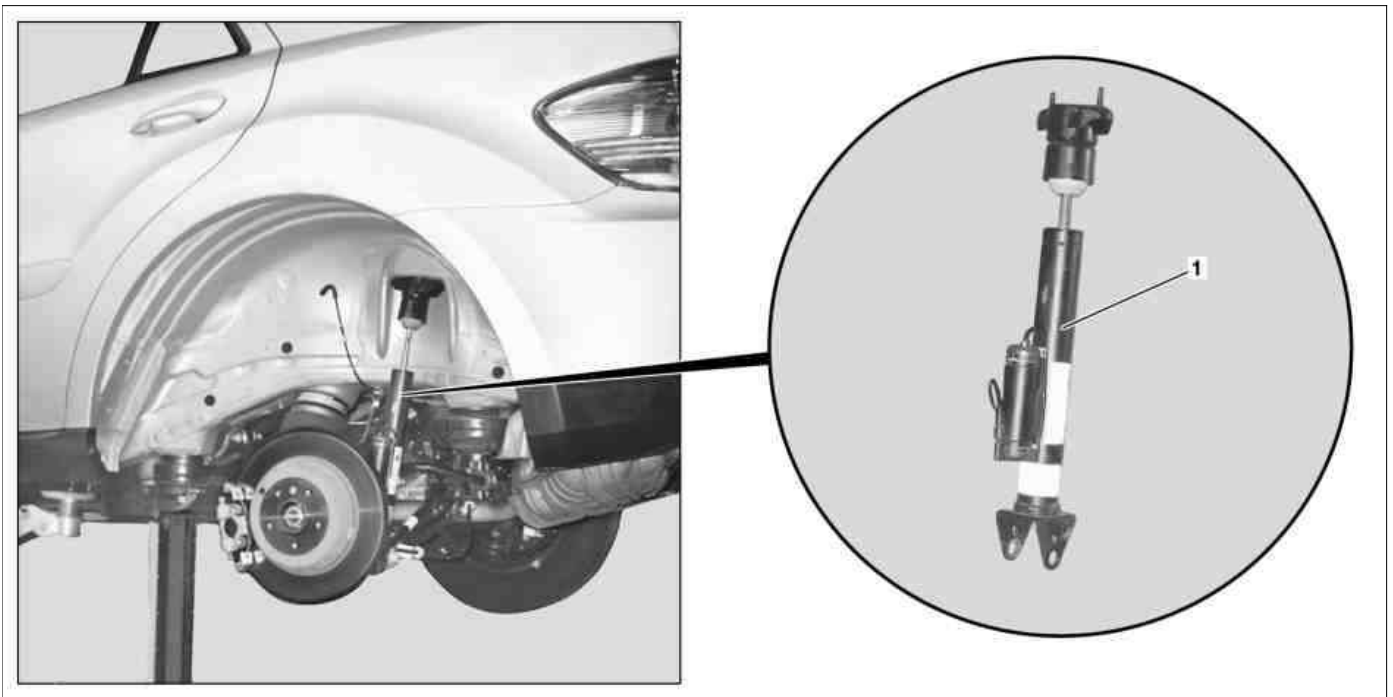
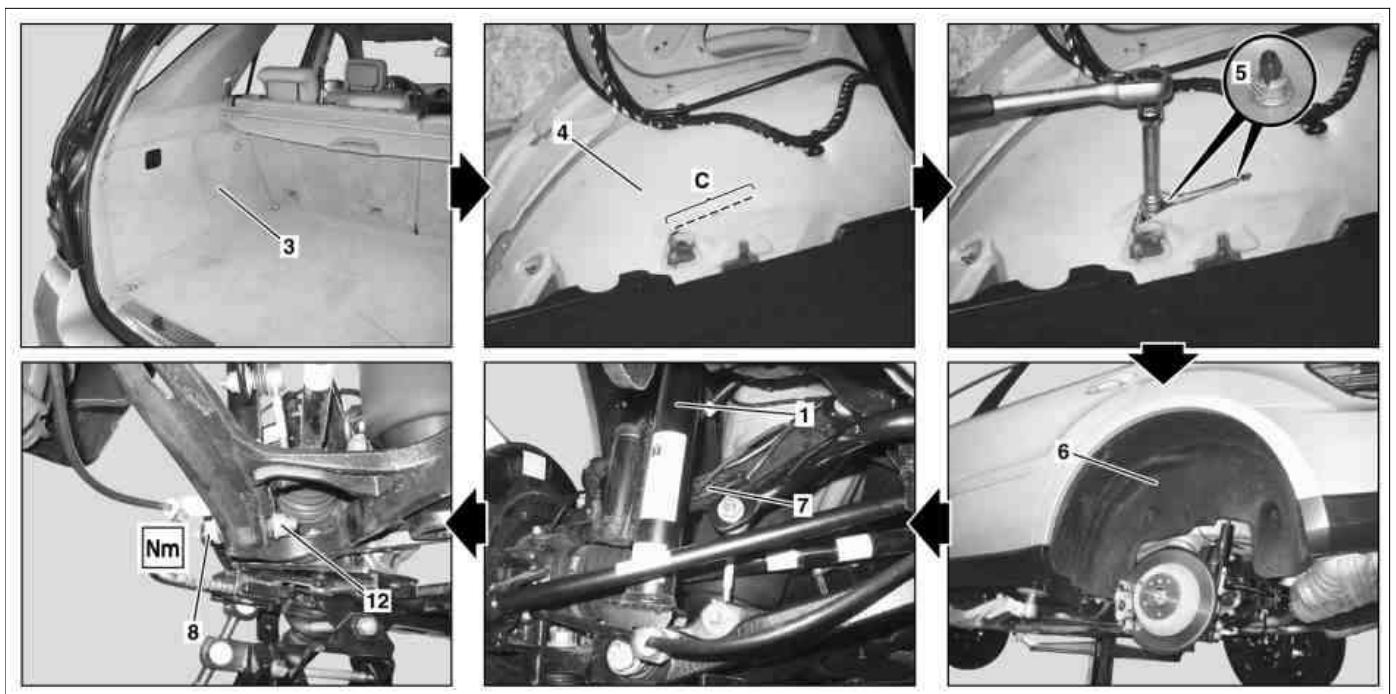


Model 164



P32.25-2131-09

1 Shock absorber



P32.25-2132-09

- 1 Shock absorber
- 3 Trim
- 4 Insulation mat

- 6 Fender liner
- 7 Electrical connector
- 8 Screw



P32.25-2133-07

- 1 Shock absorber
- 8 Screw
- 9 Cover plate
- 10 Sealing ring
- 11 Bracket
- 13 Upper rubber mount

🔧 🔩	Remove/install		
⚠️ Danger!	Risk of injury. Moving parts can pinch, crush or, in extreme cases even sever extremities.	No parts of the body or limbs should be within the operating range of the mechanism when moving components.	AS00.00-Z-0009-01A
👉	Notes on repair work on suspension components		AH00.00-P-0100-01A
👉	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
👉	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
1	Remove paneling (3)	Model 164.1 Model 164.8	AR68.30-P-4800GZ AR68.30-P-4800RT
2	Cut the insulation mat (4) in the area of the upper fastening of the shock absorber (1) and fold up	👉 Carefully cut the insulation mat (4) and fold up. Otherwise the paint or the insulation mat (4) will be damaged. ⓘ Cut length (C) approx. 12 cm. ⓘ Right side: Do not damage the wiring harness of the ADS body sensor! ⓘ Installation: Seal cut in insulation mat (4) using duct tape.	
3	Secure vehicle on vehicle lift		AR00.60-P-0100GZ
4	Detach rear complete wheel		AP40.10-P-4050Z
🔧 AP	Cut out cutout for shock absorber (1) on the fender liner (6)	ⓘ If shock absorbers (1) without protective pipe are replaced with shock absorbers (1) with protective pipe, it is necessary to cut out the fender liner (6) in the area of the protective pipe.	AR88.10-P-1400-01GZ
6	Release and disconnect electrical connection (7)	Model 164 with code 489 (AIRMATIC)	
7	Raise wheel suspension at supporting joint slightly 🔧 WS 000 588 10 62 00 Support plate 🔧 WS 000 588 11 62 00 Major assembly mount	👉 Wheel suspension must be supported. Otherwise the steel spring may come out or the air spring can be damaged.	WS26.00-P-3309B WS01.00-P-0092B
8	Remove ADS body sensor with bracket	Model 164 with code 489 (AIRMATIC)	
9	Unscrew nuts (5)	🔩 Self-locking nut, shock absorber to frame floor	*BA32.25-P-1002-03K
10	remove screw/bolt (8)	ⓘ Installation: The lug of the bracket (11) must engage in the hole of the shock absorber (1) (arrow B).	

		Self-locking nut, shock absorber to spring control arm	*BA32.25-P-1001-03K
11	Slide damper (1) together and remove	Remove shock absorber (1) with cover plate (9) and remove sealing rings (10).	
12	Remove sealing rings (10) and cover plate (9) from shock absorber (1)	Installation: Replace sealing rings (10).	
	Check		
13	Check cover plate (9) and upper rubber bushing (13)	Check the condition and whether there is any damage, replace if necessary. Nut to piston rod	*BA32.25-P-1003-03K
14	Check shock absorber (1)	Model 164 except code 489 (AIRMATIC) Model 164 with code 489 (AIRMATIC) Model 164 except code 489 (AIRMATIC)	AR32.25-P-0121A
15	Install in the reverse order		

Rear axle shock absorber

Number	Designation	Model 164.1/8		
BA32.25-P-1001-03K	Self-locking nut, shock absorber to spring control arm	Stage 1	Nm	100 =74 ft.
		Stage 2	∠°	120 =88 ft.

Rear axle shock absorber

Number	Designation	Model 164.1/8		
BA32.25-P-1002-03K	Self-locking nut, shock absorber to frame floor	Stage 1	Nm	25 =18 ft.
		Stage 2	Nm	35 =26 ft.

Rear axle shock absorber

Number	Designation	Model 164.1/8		
BA32.25-P-1003-03K	Nut to piston rod		Nm	30 22 ft.