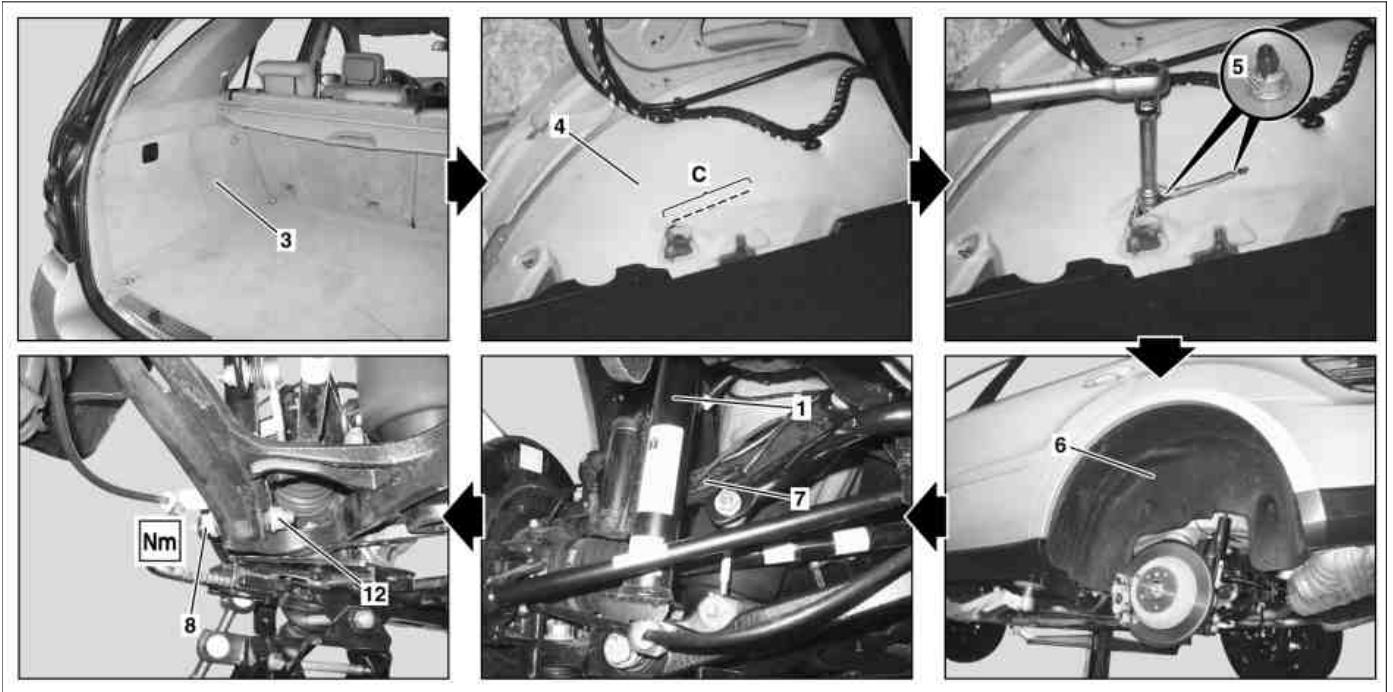


P32.25-2131-09

Shows model 164

1 Shock absorber

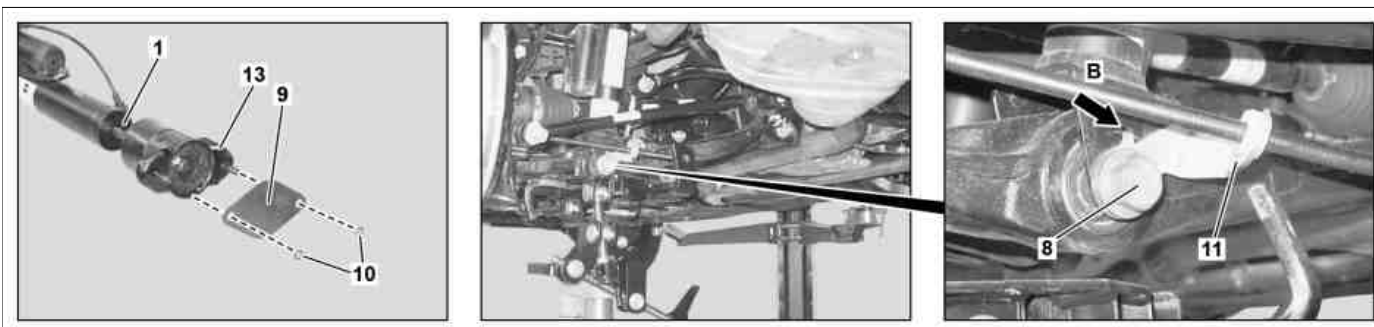


P32.25-2132-09

Shows model 164

1 Shock absorber
 3 Cover
 4 Insulation mat
 5 Nut

6 Fender liner
 7 Electrical connector
 8 Screw
 C Cut length












P32.25-2133-07

Shows model 164

- 1 Shock absorber
- 8 Screw
- 9 Cover plate

- 10 Sealing ring
- 11 Bracket
- 13 Upper rubber mount

☒ ☒	Remove/install		
⚠ Danger!	Risk of injury caused by moving parts that 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
ⓘ	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
		ⓘ While working on the rear axle care must be taken to ensure that the surfaces of aluminum components do not get any scratches, cracks and notches. Otherwise the service life of the of the parts will be reduced.	
		ⓘ Installation: Only tighten the bolts and nuts of the chassis components when in a ready-to-drive condition.	
1	Remove paneling (3)	Model 164.1 Model 164.8 Model 166	AR68.30-P-4800GZ AR68.30-P-4800RT AR68.30-P-4800GQ
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. ⓘ Model 164: Cut length (C) approx. 12 cm. ⓘ Model 166: Make cut along the impressed line. ⓘ Right side: Do not damage the wiring harness of the ADS body sensor! ⓘ Installation: Seal cut in insulation mat (4) using adhesive tape.	
3	Secure vehicle on vehicle lift		AR00.60-P-0100GZ
4	Detach rear complete wheel	Model 164 Model 166	AP40.10-P-4050Z AP40.10-P-4050EW
5.1	Cut out cutout for shock absorber (1) on the fender liner (6)	Model 164 ⓘ 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
5.2	Remove fender liner (6) from rear fender	Model 166	
6	Release and disconnect electrical connector (7)	Vehicles with code (489) AIRmatic (air suspension with level adjustment and adaptive damping system ADS).	
7	Raise wheel suspension slightly at supporting joint	ⓘ Wheel suspension must be supported. Otherwise the steel spring may come out or the air spring can be damaged. Transmission plate for passenger cars gotis://A_25/35/49_02.0 Transmission jack 0.5 t gotis://H_00.10_01.0	

8	Remove ADS body sensor with bracket	Vehicles with code (489) AIRmatic (air suspension with level adjustment and adaptive damping system ADS).	
9	Unscrew nuts (5).		*BA32.25-P-1002-03K
10	Remove screw (8)	 Installation: Model 164: The lug of the bracket (11) must engage in the bore of the shock absorber (1) (arrow B).  Installation: Raise the wheel suspension at the supporting joint to driving height in order to move the lower and upper rubber mount (13) into neutral position. 	*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: Install new sealing rings (10).	
	Checking		
13	Check cover plate (9) and upper rubber bushing (13)	 Check the condition and whether there is any damage, replace if necessary. 	*BA32.25-P-1003-03K
14	Check shock absorber (1)		AR32.25-P-0121A
15	Install in the reverse order		

 **Rear axle shock absorber**

Number	Designation			Model 164.1/8	Model 166
BA32.25-P-1001-03K	Self-locking nut, shock absorber to spring control arm	Stage 1	Nm	100	180
		Stage 2	∟°	120	90
BA32.25-P-1002-03K	Self-locking nut, shock absorber to frame floor	Stage 1	Nm	25	25
		Stage 2	Nm	35	35
BA32.25-P-1003-03K	Nut to piston rod		Nm	30	33