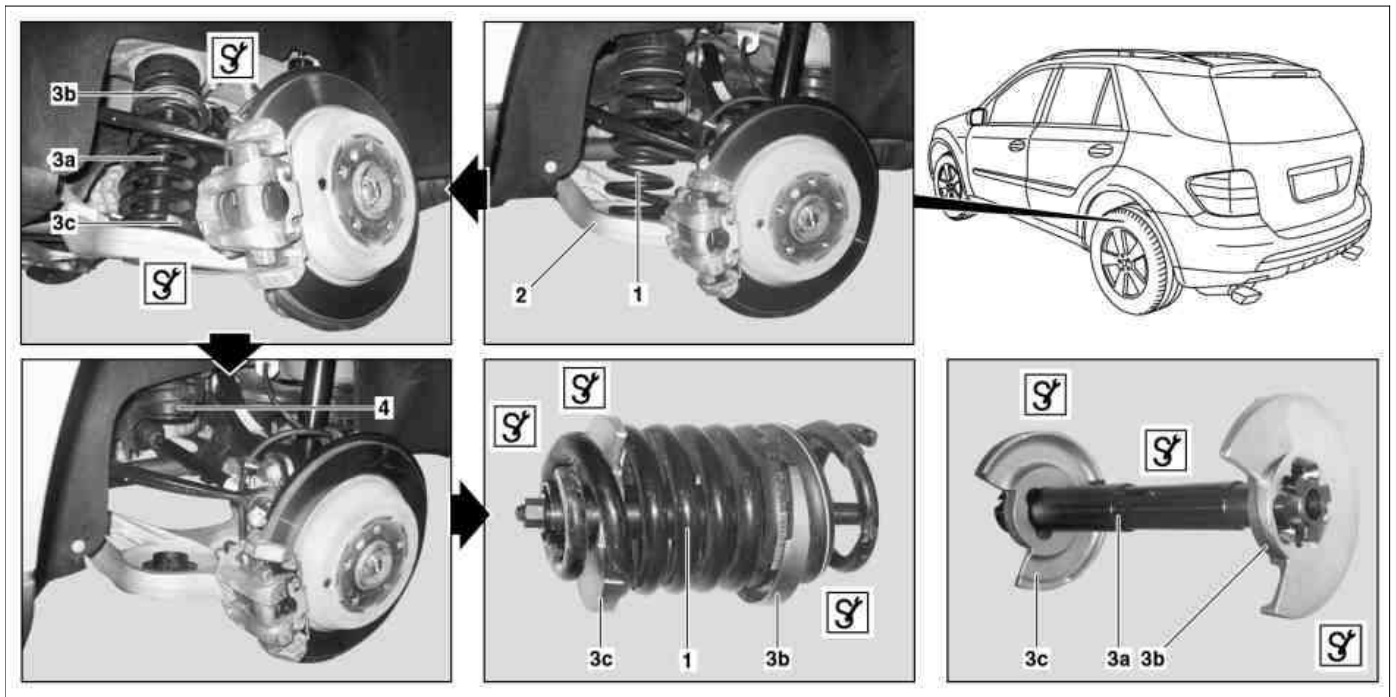


Model 164, 166, 251, 292
except code 489 (AIRMATIC)



P32.20-2166-09

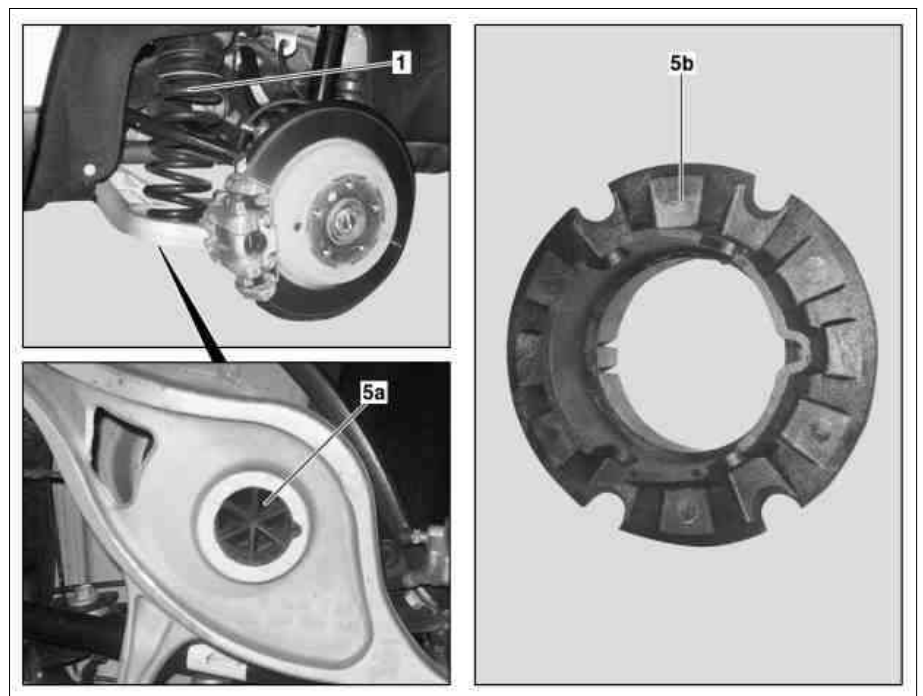
Shown on model 164

- 1 Rear axle spring
- 2 Lower control arm
- 3a Tensioning device Shock Absorber

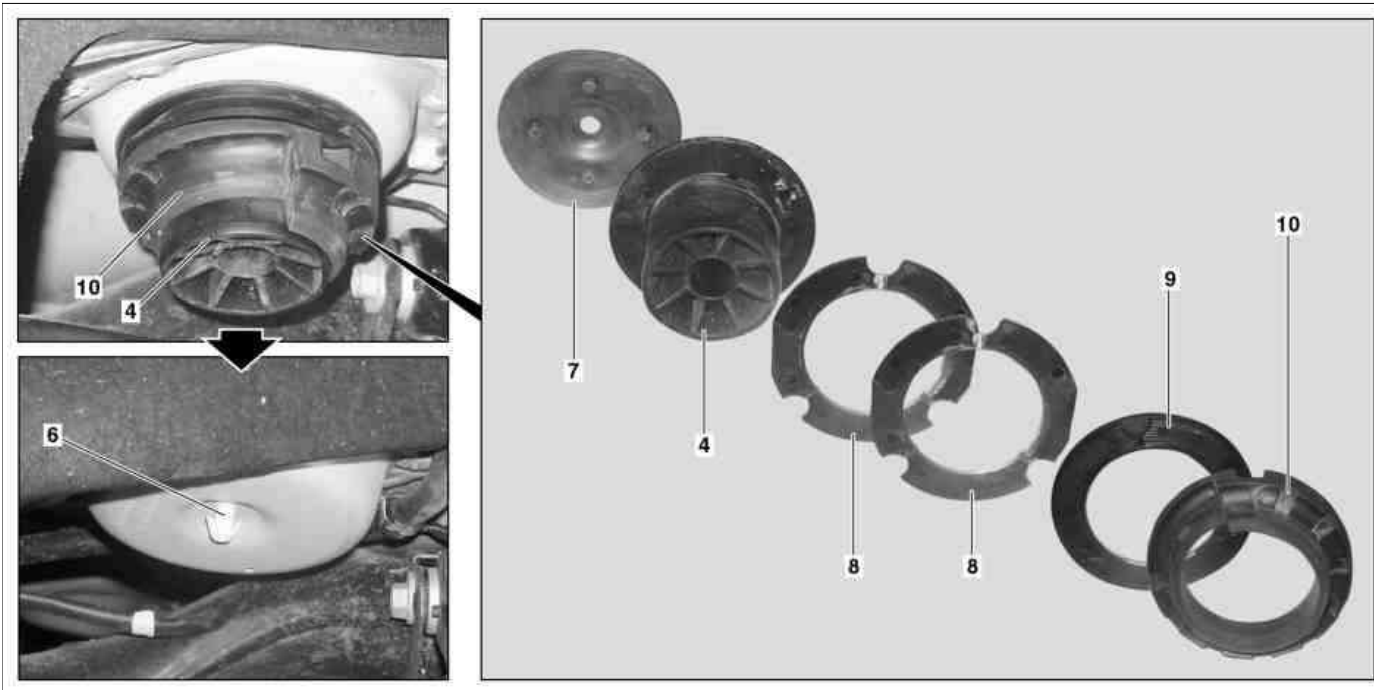
- 3b Upper clamping plate
- 3c Lower clamping plate
- 4 Upper spring retainer

Shown on model 164

- 1 Rear axle spring
- 5a Closed lower spring retainer
- 5b Punched lower spring retainer



P32.20-2167-06


















P32.20-2168-09

Shown on model 164

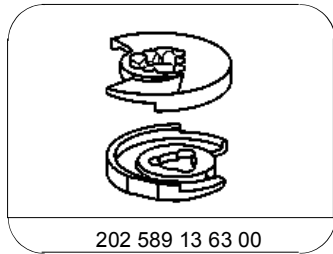
- 4 Upper spring retainer
- 6 Expansion clip
- 7 Rubber insert

- 8 Shim
- 9 Plastic ring
- 10 Spring seat

⚠ Danger !	Risk of death 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 the vehicle manufacturer.	AS00.00-Z-0010-01A
⚠ Danger !	Risk of injury caused by pinching or crushing when working on springs or spring bodies that are under tension	Use only approved tensioning devices; additionally screen off hazardous area if necessary. Check special tools for damage and proper operation (visual inspection). Wear protective gloves.	AS00.00-Z-0001-01A
i	Notes on repair work on suspension components		AH00.00-P-0100-01A
🗑	Remove		
1 🔧 AP 🔧 AP 🔧 AP	Detach complete wheel	Model 292 except code 489 (AIRMATIC) Model 251 except code 489 (AIRMATIC) Model 164 except code 489 (AIRMATIC) Model 166 except code 489 (AIRMATIC)	AR40.10-P-1100GQC AP40.10-P-4050RT AP40.10-P-4050Z AP40.10-P-4050EW
2	Color mark installation position for all detachable parts on rear axle spring (1) relative to each other, the body and to the lower control arm (2)		
3	Break out bars on closed lower spring cup (5a) and smooth down broken edges to enable the tensioning device (3a) to be inserted	Vehicles with closed lower spring cup (5a). <input checked="" type="checkbox"/> Tensioning device	 *202589023100
4	Insert tensioning device (3a) with upper clamping plate (3b) and the lower clamping plate (3c)	i Here, as many windings as possible on the rear axle spring (1) must be tensioned. <input checked="" type="checkbox"/> Model 251.### ## as of 101426 as of model year 2010 except code 489 (AIRMATIC) Tensioning plates	 *202589146300

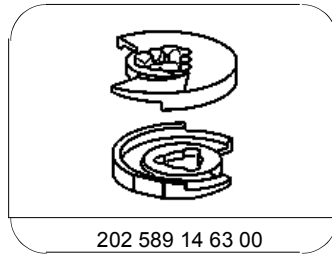
		 Model 166 with code 845 (Electrically folding 3rd seat row) except code 489 (AIRMATIC) Model 292 except code 489 (AIRMATIC) Clamping plates	*202589136300
		 Model 164, 166 except code 489 (AIRMATIC) except code 845 (Electrically folding 3rd seat row) Model 251 up to model year 2009 except code 489 (AIRMATIC) Clamping plates	*164589016300
		 Tensioning device	*202589023100
5	Tension rear axle spring (1)	 <p>The tensioning device (3a) must not be tensioned or released using a pneumatically or electrically powered tool. Otherwise damage will occur.</p> <p> Installation: The tab on the punched lower spring cup (5b) must latch into the groove in the lower control arm (2).</p>	
6	Remove rear axle spring (1) together with the tensioning device (3a)		
7	Relieve rear axle spring (1)		
8	Replace expansion clip (6)		
	Check		
9	Remove punched lower spring retainer (5b), upper spring retainer (4), rubber insert (7) and the spring seat (10), then check for wear and damage, replace, if necessary	 The closed lower spring cup (5a) must be replaced by the punched lower spring cup (5b).	
10.1	Adjust vehicle level by detaching spring seat (10) and plastic ring (9) from upper spring cup (4), and - depending on the change request, shims (8) - removing or adding to them	Model 166, 292 except code 489 (AIRMATIC) When replacing the rear axle springs (1) and if required.	AR40.20-P-0301-02GQ
10.2	Adjust vehicle level by detaching spring seat (10) and plastic ring (9) from upper spring cup (4), and - depending on the change request, shims (8) - removing or adding to them	Model 164, 251 except code 489 (AIRMATIC) If required.	
	Install		
11	Tension rear axle spring (1) using tensioning device (3a) and position between lower control arm (2) and upper spring cup	 Rear axle springs (1) may only be replaced in pairs. <p> Here, as many windings as possible on the rear axle spring (1) must be tensioned.</p>  Model 251.### ## as of 101426 as of model year 2010 except code 489 (AIRMATIC) Tensioning plates <p> Model 166 with code 845 (Electrically folding 3rd seat row) except code 489 (AIRMATIC) Model 292 except code 489 (AIRMATIC) Clamping plates <p> Model 164, 166 except code 489 (AIRMATIC) except code 845 (Electrically folding 3rd seat row) Model 251 up to model year 2009 except code 489 (AIRMATIC) Clamping plates <p> Tensioning device </p></p></p>	*202589146300 *202589136300 *164589016300 *202589023100
12	Align all color marked installation position for the detachable parts on rear axle spring (1) relative to each other, the body and to the lower control arm (2)		
13	Relieve rear axle spring (1) and remove tensioning device (3a)		
14	Mount complete wheel	Model 292 except code 489 (AIRMATIC) Model 251 except code 489 (AIRMATIC)	AR40.10-P-1100GQC AP40.10-P-4050RT
			

AP		Model 164 except code 489 (AIRMATIC)	AP40.10-P-4050Z
AP		Model 166 except code 489 (AIRMATIC)	AP40.10-P-4050EW
15	Check vehicle level, adjust if necessary	If the rear axle springs (1) were replaced. Model 164 except code 489 (AIRMATIC) Model 166, 292 except code 489 (AIRMATIC) Model 251 except code 489 (AIRMATIC)	AR40.20-P-0301GZ AR40.20-P-0301GQ AR40.20-P-0301RT



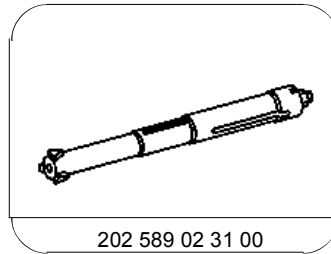
202 589 13 63 00

Clamping plates



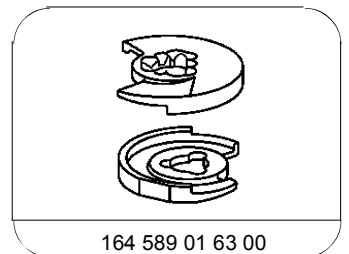
202 589 14 63 00

Tensioning plates



202 589 02 31 00

Tensioning device



164 589 01 63 00

Clamping plates