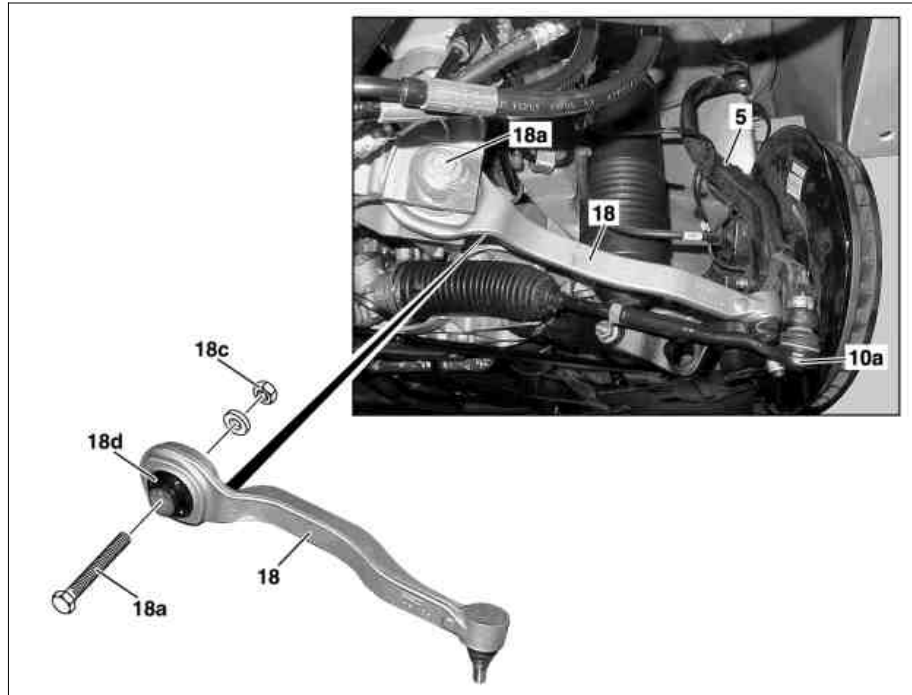


MODEL 211 (except 211.08 /09 /28 /29)

MODEL 230









Shown on model 230.475

5 Steering knuckle
 18 Torque strut
 18a Screw
 18c Nut
 18d Rubber bushing



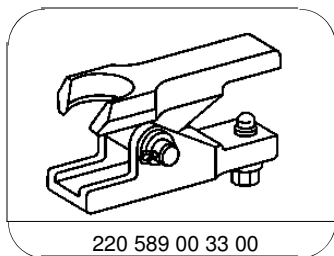
P33.15-2027-06

	Remove/install		
⚠ Danger!	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between columns of vehicle lift and position four support plates at vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	When working on the front-end assembly, be careful not to scratch, mark or notch the surfaces of aluminum parts. Otherwise the service life of the parts will be affected		
i Installation	Only tighten nuts and bolts of chassis components when vehicle is in a ready-to-drive condition.		
1 AP	Remove front wheel Remove/install wheels		AP40.10-P-4050Z
2.1	Remove the front and central sections of the lower engine compartment paneling	Model 230 without code (P99) Special model "AMG Black Series" Model 211 with gasoline engine	AR61.20-P-1105R AR61.20-P-1105T
2.2	Remove bottom engine compartment paneling	Model 230 with code (P99) Special model "AMG Black Series"	AR61.20-P-1105RBS
2.3	Remove front and center portion of bottom section of soundproofing	Model 211 with diesel engine	AR94.30-P-5300T
3	Remove trim at bottom front bumper corner	Model 230 without code (P99) Special model "AMG Black Series"	
4	Unscrew the nut on the ball joint of the torque strut (18)		
5	Press radius rod (18) out of steering knuckle (5).		AR33.15-P-0160-011 *BA33.20-P-1013-01A *220589003300 *163589034300 *140589006300 *221589003300 *171589003400
6	Check bushing for supporting the ball joint of strut rod (18) in the steering knuckle (5)	Model 230 with code (P99) Special model "AMG Black Series"	AR33.25-P-0455-01RBS

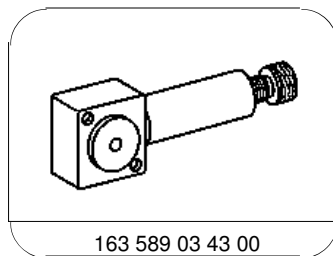
7	Unscrew nut (18c)	<p> When loosening the nut (18c) the bolt (18a) must not be twisted. Always counterhold self-locking bolt (18a). Otherwise the locating lugs for the caster adjustment in the rubber mount (18d) will be sheared off when the repair kit is fitted.</p> <p> Installation: Screw on nut (18c) of bolt (18a) until it abuts, however do not tighten yet so that the rubber mount (18d) of the strut rod (18) can twist when the vehicle is rocked to settle the suspension. Do not tighten nut (18c) until in ready-to-drive condition.</p> <p></p>	*BA33.20-P-1015-01A
8	Pull bolt (18a) out of rubber mount (18d) and remove torque strut (18) from front axle carrier		
	Checking		
9	Check rubber boots on rubber mount (18d) for damage	<p> To protect the rubber mounts (18d) the rubber boots should be retrofitted.</p> <p> If necessary, replace or retrofit rubber boots:</p> <p style="text-align: center;">↓</p> <p>Detach/attach rubber boots on rubber mount</p>	AR33.15-P-0160-03T
10	Check rubber mount (18d) of torque strut (18) for signs of damage	<p>If rubber mount (18d) is damaged:</p> <p style="text-align: center;">↓</p> <p>Model 230 with code (P99) Special model "AMG Black Series": replace strut rod (18). Model 211, 230 without code (P99) Special model "AMG Black Series": Replace rubber mount (18d):</p> <p style="text-align: center;">↓</p> <p>Replace rubber mount (18d) of strut rod (18).</p> <p></p>	AR33.15-P-0160-02T *220589064300
11	Check rubber boot of ball joint of torque strut (18) for damage	 The torque strut (18) must be replaced if the rubber boot is damaged.	
12	Install in the reverse order		

 **Wheel location, hub**

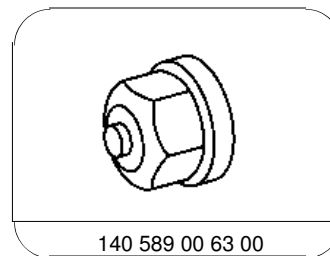
Number	Designation			Model 211 except 211.08/09/28/29	Model 230 except code P99	Model 230 with code P99
		Stage	Unit			
BA33.20-P-1013-01A	Self-locking nut, radius rod to steering knuckle	Stage 1	Nm	50	50	50
		Stage 2	°	60	60	60
BA33.20-P-1015-01A	Self-locking nut, torque strut to front axle carrier	Stage 1	Nm	80	80	80
		Stage 2	°	120	120	120



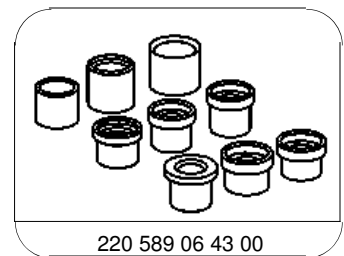
Puller



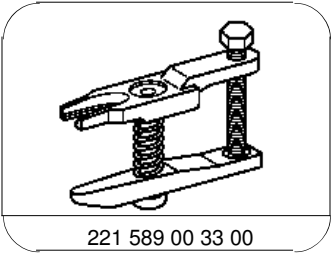
Press



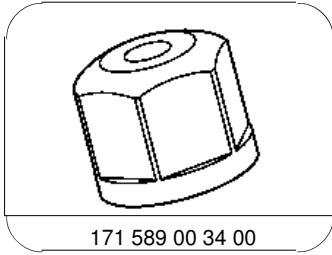
Thrust piece



Press out/in tool



Puller



Thrust piece