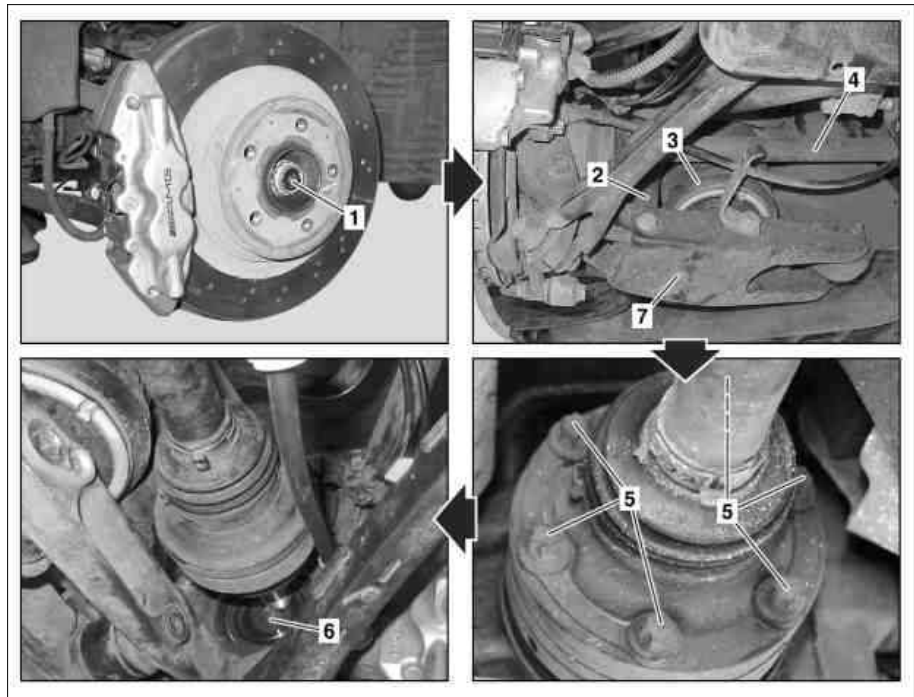


MODEL 211.076 up to 31.8.03

- 1 Twelve-point collar nut
- 2 Shock absorber
- 3 Air spring
- 4 Rear axle shaft
- 5 Bolts
- 6 Wheel carrier
- 7 Spring control arm



P35.30-2078-06

Modification notes

2.10.09	Value changed: Rear axle shaft collar nut on rear axle shaft flange		*BA35.30-P-1001-01F
	Value changed: Rear axle shaft collar nut on rear axle shaft flange		*BA35.30-P-1001-01F

	Remove/install		
Danger!	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between the columns of the lifting platform and position the four support plates at the lifting platform support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
	Notes on AIRmatic	Model 211	AH32.22-P-1000-02T
	Notes on self-locking nuts and bolts	All models	AH00.00-N-0001-01A
1	Discharge air spring completely	Socket wrench bit STAR DIAGNOSIS diagnosis system Installation: The filling process of the air springs should be observed otherwise they will be destroyed: ↓ Fill air spring with vehicle at design level. Nut, rear air spring at spring control arm Air suspension pressure line at rear axle distributor unit Electronic inclinometer gotis://F_40.2_02.0	AR32.22-P-1500-04T *211589000900 AR32.22-P-1500-03T *BA32.25-P-1008-04B *BA32.25-P-1009-04B
2 	Remove rear wheel Remove/install wheels, rotate if necessary		AP40.10-P-4050Z
3	Undo twelve-point collar nut (1)	Collar nut, rear axle shaft to rear axle shaft flange	AR35.30-P-0115-01A *BA35.30-P-1001-01F
4.1	Remove left rear muffler	When removing the left-hand rear axle shaft.	AR49.10-P-4951TB
4.2	Remove complete exhaust system	When removing the right-hand rear axle shaft or both rear axle shafts.	AR49.10-P-7000TB
5	Remove covering for spring control arm		
6	Undo shock absorber (2) on spring control arm (7)	Self-locking nut to spring control arm shock absorber	*BA32.25-P-1002-03G

7	Dismantle air spring (3) from spring control arm (7)	 Do not twist the air spring and do not move into the stretched position as this leads to creases forming in the air spring bellows and consequently to irreparable damage to the component. Secure the air spring to prevent it from falling down.  Installation: Tighten threaded connection for air spring to spring control arm in design level.  Nut, rear air spring at spring control arm	*BA32.25-P-1008-04B *BA35.30-P-1002-01F
8	Remove bolts (5)	 Bolt, rear axle shaft to flange	*BA35.30-P-1002-01F
9	Pry out rear axle shaft from flange		
10	Withdraw rear axle shaft from wheel carrier	 To slacken a stuck rear axle shaft: ↓ Push rear axle shaft out of the wheel carrier.  Extraction and insertion tool  Bracket	AR35.30-P-0115-03B *210589034300 *210589014000
11	Install in the reverse order		

Rear axle shock absorber

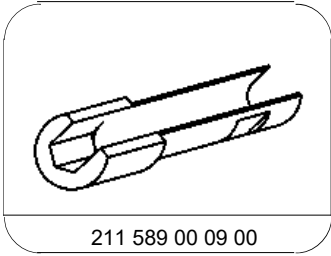
Number	Designation	Model 211.0 with code 489a AIRmatic
BA32.25-P-1002-03G	Self-locking nut to spring control arm shock absorber	M10 Stage 1 Nm 50
		Stage 2 4° 90

Rear axle shaft

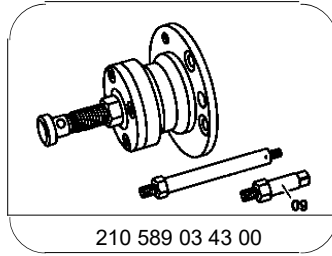
Number	Designation	MODEL 211
BA35.30-P-1001-01F	Collar nut, rear axle shaft to rear axle shaft flange	self-locking Nm 350
		not self-locking Stage 1 Nm 170
		Stage 2 4° 45
BA35.30-P-1002-01F	Bolt, rear axle shaft to flange	Nm 100

Suspension struts

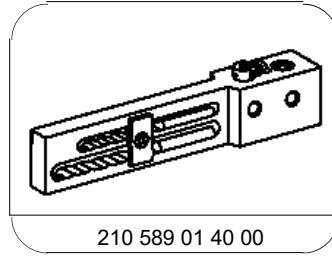
Number	Designation	Model 211 AIRmatic
BA32.25-P-1008-04B	Nut, rear air spring at spring control arm	Nm 150
BA32.25-P-1009-04B	Air suspension pressure line at rear axle distributor	Nm 2



Wrench socket



Extraction and insertion tool



Bracket