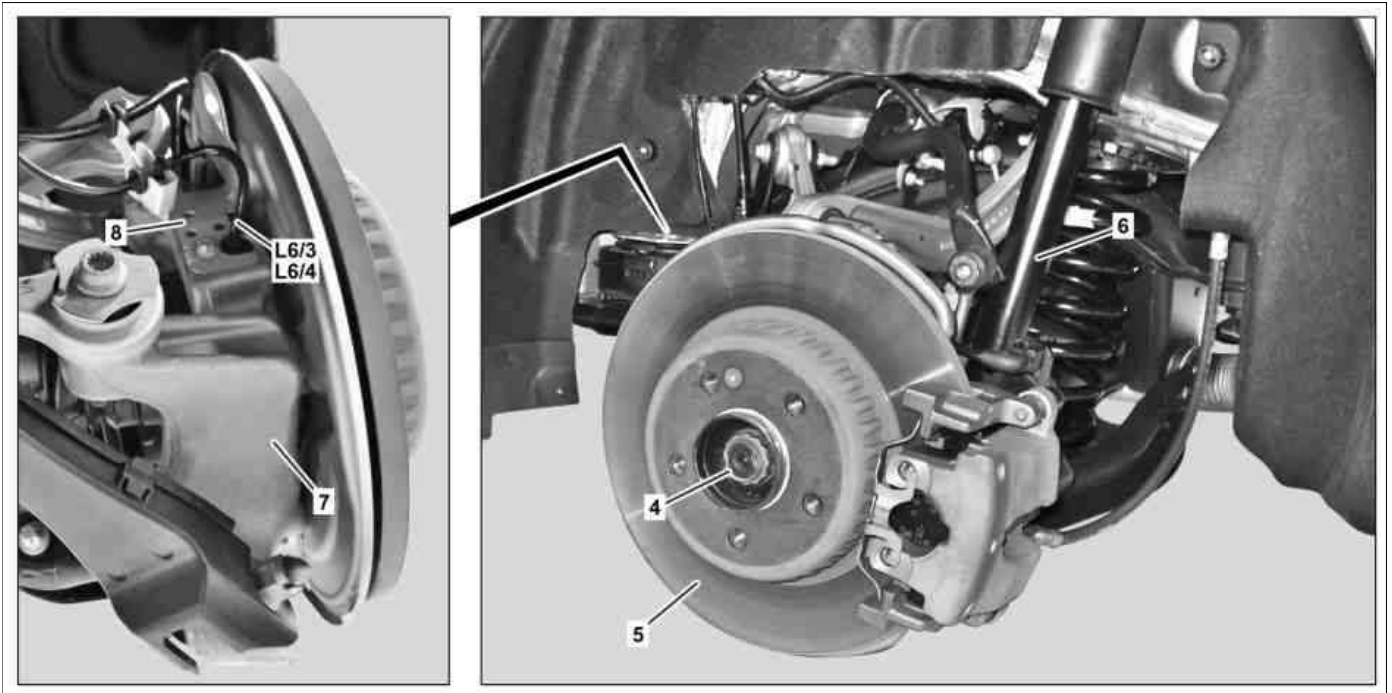


Model 205 (except 205.386/387/486/487)
 Model 213 (except 213.064/088/089/264/288/289)
 Model 253 (except 253.388/389/988/989)
 Model 293



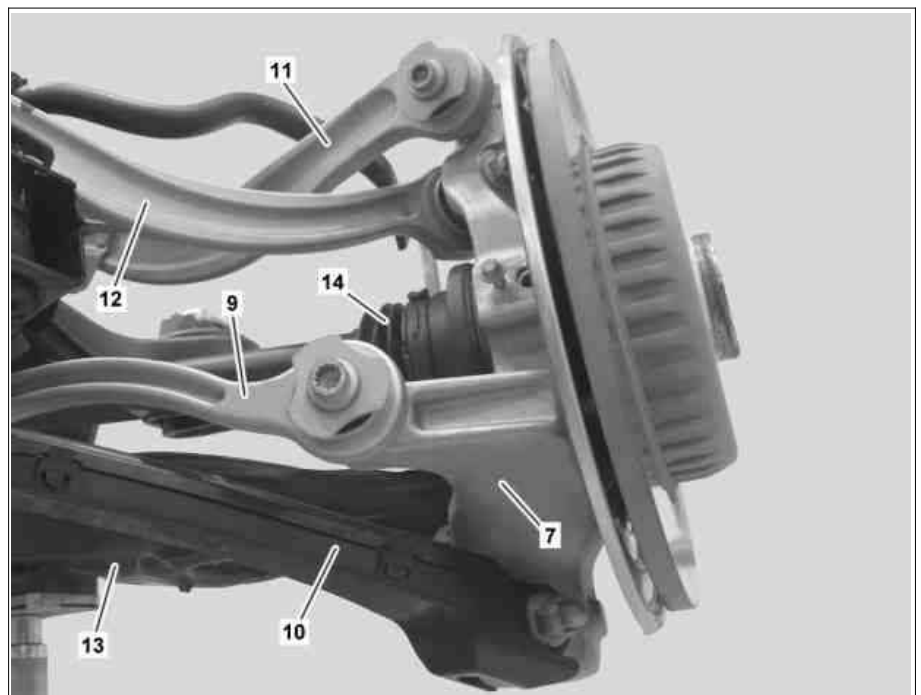
P35.20-2326-09

Shown on model 205 except code 489 (AIRMATIC) on left side of vehicle

4	Nut	8	Bracket
5	Brake disk	L6/3	Left rear axle rpm sensor
6	Shock absorber	L6/4	Right rear axle rpm sensor
7	Wheel carrier		

Shown on model 205 on left side of vehicle

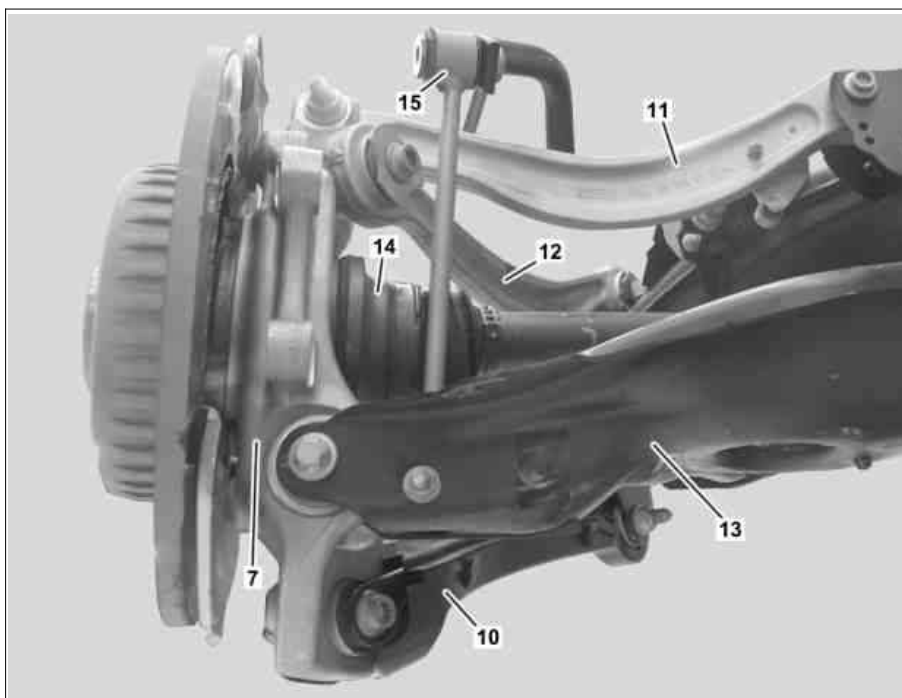
7	Wheel carrier
9	Tie rod
10	Thrust arm
11	Camber strut
12	Strut rod
13	Spring control arm
14	Rear axle shaft



P35.20-2327-06

Shown on model 205.040 on left side of the vehicle

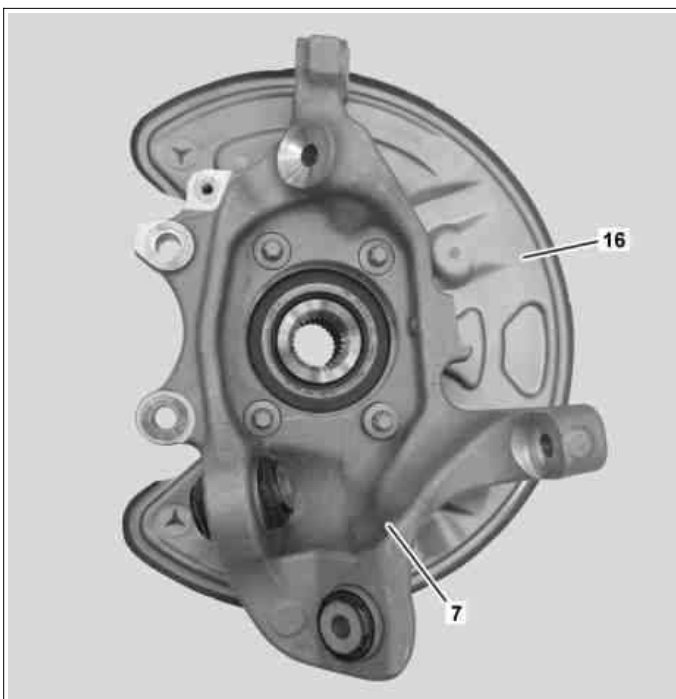
- 7 Wheel carrier
- 10 Thrust arm
- 11 Camber strut
- 12 Strut rod
- 13 Spring control arm
- 14 Rear axle shaft
- 15 Stabilizer bar linkage



P35.20-2328-06


















Shown on model 205.040

















- 7 Wheel carrier
- 16 Brake cover plate



































P35.20-2329-12


⚠ Warning	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 area of mechanical components when moving components.	AS00.00-Z-0009-01A
	Notes on handling, transport and storage of composite brake disks		AH42.10-P-9406-12LF
	Notes on threaded connections fastened using a tightening angle-based tightening process		AH00.00-P-0020-01A
	Notes on handling, transport and storage of ceramic brake disks		AH42.10-P-9406-13A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	Notes on safety-relevant components		AH00.00-Z-0019-01A
	Notes on repair work on suspension components		AH00.00-P-0100-01A
	Notes on level control	Model 213.2 (except 213.264/288/289) except code 489 (AIRMATIC) Model 253.992/993 Model 293	AH32.22-P-1001-02LWT

	Notes on AIRmatic	Model 205 (except 205.386/387/486/487) with code 489 (AIRMATIC) Model 213 (except 213.064/088/089/264/288/289) with code 489 (AIRMATIC) Model 253 (except 253.388/389/988/989) with code 489 (AIR BODY CONTROL)	AH32.22-P-1000-02LW
	Remove		
1	Secure vehicle on vehicle lift.		AR00.60-P-1006A
2	Remove hub cap from corresponding rear wheel.	If rear wheel has to be removed to do so, ↓ remove corresponding rear wheel and then mount again.	AR40.10-P-1102A
3	Unscrew nut (4) from rear axle shaft (14).		
4	Remove corresponding rear wheel.		AR40.10-P-1102A
5	Remove nut (4) from rear axle shaft (14).		
6.1	Remove rear axle spring.	Model 205 (except 205.386/387/486/487) except code 489 (AIRMATIC) Model 213.0 (except 213.064/088/089) except code 489 (AIRMATIC) Model 213.1 except code 489 (AIRMATIC) Model 253 (except 253.388/389/988/989) except code 489 (AIR BODY CONTROL)	AR32.20-P-0230LW
6.2	Drain pressure of air suspension at rear axle using vehicle diagnosis system.	Model 205 (except 205.386/387/486/487) with code 489 (AIRMATIC) Model 213.0 (except 213.064/088/089), 213.1 with code 489 (AIRMATIC) Model 213.2 (except 213.264/288/289) Model 253 (except 253.388/389/988/989) with code 489 (AIR BODY CONTROL) Model 293 Model 293 Model 205 (except 205.386/387/486/487) with code 489 (AIRMATIC) Model 213.0 (except 213.064/088/089), 213.1 with code 489 (AIRMATIC) Model 213.2 (except 213.264/288/289) Model 253 (except 253.388/389/988/989) with code 489 (AIR BODY CONTROL)	AD00.00-P-2000-06FR AD00.00-P-2000-04B
 			
7	Remove brake disk (5).	Model 205 (except 205.386/387/486/487) Model 213 (except 213.064/088/089/264/288/289) Model 253 (except 253.388/389/988/989) Model 293	AR42.10-P-0220EWE AR42.10-P-0240EQ
8	Detach bracket (8) with rear axle rpm sensor (L6/3, L6/4) from wheel carrier (7) and place to one side with lines connected.		
9	Raise wheel carrier (7) using major assembly mount and support plate until rear axle shaft (14) is horizontal. 000 588 11 62 00 Major assembly mount 000 588 10 62 00 Support plate		WS01.00-P-0092B WS26.00-P-3309B
 			
10	Detach tie rod (9) from wheel carrier (7).	 Use  screwdriver bit if a screw with multi-point socket is installed.  Screwdriver bit	*119589001000
11	Detach thrust arm (10) from wheel carrier (7).	 Use  screwdriver bit if a screw with multi-point socket is installed.  Screwdriver bit	*119589001000
12	Detach camber strut (11) from wheel carrier (7).	 Use  screwdriver bit if a screw with multi-point socket is installed.  Screwdriver bit	*119589001000
13	Detach strut rod (12) from wheel carrier (7).	 Use  screwdriver bit if a screw with multi-point socket is installed.  Screwdriver bit	*119589001000
14	Remove trim from spring link (13).		
15	Detach shock absorber (6) from spring link (13).		

16.1	Detach torsion bar linkage (15) from spring link (13).	Model 205 (except 205.086/087/286/287/386/387/486/487) Model 213 (except 213.064/088/089/264/288/289) Model 253 (except 253.388/389/988/989) Model 293	
16.2	Remove torsion bar linkage (15) from wheel carrier (7).	Model 205.086/087/286/287	
17	Lower major assembly mount.		
18	Detach spring link (13) from wheel carrier (7).	 Use  screwdriver bit if a screw with multi-point socket is installed.  Screwdriver bit	*119589001000
19	Remove wheel carrier (7) from rear axle shaft(14).	If the rear axle shaft (14) is firmly seated in the rear axle shaft flange, ↓ Detach rear axle shaft (14) from rear axle shaft flange. Model 205 (except 205.386/387/486/487) Model 213 (except 213.064/088/089/264/288/289) Model 253 (except 253.388/389/988/989) Model 205 (except 205.386/387/486/487) Model 253 (except 253.388/389/988/989) Model 213 (except 213.064/088/089/264/288/289)  Bracket  Extraction and insertion tool	AR35.30-P-0115-03LF AR35.30-P-0115-03OLC *210589014000 *210589034300
20	Detach brake cover plate (16) from wheel carrier (7).	When replacing the wheel carrier (7) or the brake cover plate (16).	
	Install		
21	Attach brake cover plate (16) to wheel carrier (7).	When replacing the wheel carrier (7) or the brake cover plate (16).  Model 205 (except 205.386/387/486/487) Model 213 (except 213.064/088/089/264/288/289) with engine 256, 264, 274, 276, 642, 654, 656 Model 253 (except 253.388/389/988/989) Model 293Screw/bolt, rear axle brake cover plate to hub/rotor assembly	*BA42.10-P-1004-06J
22	Press new rear axle shaft flange into angular-contact ball bearing of wheel carrier (7) up to end stop.	When replacing the wheel carrier (7). Model 205 (except 205.386/387/486/487) Model 253 (except 253.388/389/988/989) Model 293 Model 213 (except 213.064/088/089/264/288/289)  The new wheel carrier (7) is supplied with an angular-contact ball bearing. Do not remove the angular-contact ball bearing from new wheel carrier (7).	AR35.20-P-0130LW AR35.20-P-0130OLC
23	Fit wheel carrier (7) onto rear axle shaft (14).	If the rear axle shaft (14) cannot be fitted, ↓ Pull rear axle shaft (14) into rear axle shaft flange. Model 205 (except 205.386/387/486/487) Model 213 (except 213.064/088/089/264/288/289) Model 253 (except 253.388/389/988/989) Model 213 (except 213.064/088/089/264/288/289) Model 205 (except 205.386/387/486/487) Model 253 (except 253.388/389/988/989)  Bracket  Extraction and insertion tool	AR35.30-P-0115-03OLC AR35.30-P-0115-03LF *210589014000 *210589034300
24	Attach spring link (13) to wheel carrier (7).	 Use  screwdriver bit if a screw with multi-point socket is installed.  Do not tighten the threaded connection yet.  Bolt, spring control arm to wheel carrier  Screwdriver bit	*BA35.20-P-1002-011 *119589001000
25	Raise wheel carrier (7) using major assembly mount and support plate until rear axle shaft (14) is horizontal.		
	000 588 11 62 00 Major assembly mount		WS01.00-P-0092B

 WS	000 588 10 62 00 Support plate		WS26.00-P-3309B
26.1	Attach torsion bar linkage (15) to spring link (13).	Model 205 (except 205.086/087/286/287/386/387/486/487) Model 213 (except 213.064/088/089/264/288/289) Model 253 (except 253.388/389/988/989) Model 293  Do not tighten the threaded connection yet.	
26.2	Attach torsion bar linkage (15) to wheel carrier (7).	Model 205.086/087/286/287  Do not tighten the threaded connection yet.	
27	Attach shock absorber (6) to spring link (13).	 Do not tighten the threaded connection yet.	
28	Attach strut rod (12) to wheel carrier (7).	 Use  screwdriver bit if a screw with multi-point socket is installed.  Do not tighten the threaded connection yet.  Screwdriver bit	*119589001000
29	Attach camber strut (11) to wheel carrier (7).	 Use  screwdriver bit if a screw with multi-point socket is installed.  Do not tighten the threaded connection yet.  Screwdriver bit	*119589001000
30	Attach thrust arm (10) to wheel carrier (7).	 Use  screwdriver bit if a screw with multi-point socket is installed.  Do not tighten the threaded connection yet.  Screwdriver bit	*119589001000
31	Attach tie rod (9) to wheel carrier (7).	 Use  screwdriver bit if a screw with multi-point socket is installed.  Bolt, tie rod to wheel carrier  Screwdriver bit	*BA35.20-P-1001-04M *119589001000
32	Tighten threaded connection of thrust arm (10) on wheel carrier (7).	 Use  screwdriver bit if a screw with multi-point socket is installed.  Model 293 Bolt, thrust arm to wheel carrier  Model 205 (except 205.386/387/486/487) Model 213 (except 213.064/088/089/264/288/289) Model 253 (except 253.388/389/988/989) Bolt, thrust arm to wheel carrier  Screwdriver bit	*BA35.20-P-1002-05L *BA35.20-P-1002-05J *119589001000
33	Tighten threaded connection of camber strut (11) on wheel carrier (7).	 Use  screwdriver bit if a screw with multi-point socket is installed.  Bolt, camber strut to wheel carrier  Screwdriver bit	*BA35.20-P-1002-02L *119589001000
34	Tighten threaded connection of strut rod (12) on wheel carrier (7).	 Use  screwdriver bit if a screw with multi-point socket is installed.  Model 293 Bolt, strut rod to wheel carrier  Model 205 (except 205.386/387/486/487) Model 213 (except 213.064/088/089/264/288/289) Model 253 (except 253.388/389/988/989) Bolt, strut rod to wheel carrier  Screwdriver bit	*BA35.20-P-1002-03N *BA35.20-P-1002-03L *119589001000
35	Tighten threaded connection of shock absorber (6) on spring link (13).	 Self-locking nut, shock absorber to spring control arm	*BA32.25-P-1001-03P
36.1	Tighten threaded connection of torsion bar linkage (15) on spring link (13).	Model 205 (except 205.086/087/286/287/386/387/486/487) Model 213 (except 213.064/088/089/264/288/289) Model 253 (except 253.388/389/988/989) Model 293  Model 293 Nut, torsion bar linkage to spring link	*BA32.35-P-1003-03F

		<p> Model 205 (except 205.086/087/286/287/386/387/486/487) except code 489 (AIRMATIC)</p> <p>Model 205 (except 205.086/087/286/287/386/387/486/487) with code 489 (AIRMATIC)</p> <p>Model 213 (except 213.064/088/089/264/288/289) except code 489 (AIRMATIC)</p> <p>Model 213 (except 213.064/088/089/264/288/289) with code 489 (AIRMATIC) Nut, torsion bar linkage to spring control arm</p> <p> Model 253 (except 253.388/389/988/989) except code 489 (AIR BODY CONTROL)</p> <p>Model 253 (except 253.388/389/988/989) with code 489 (AIR BODY CONTROL) Nut, torsion bar linkage to spring control arm</p>	*BA32.20-P-1003-04S
36.2	Tighten threaded connection of torsion bar linkage (15) on wheel carrier (7).	Model 205.086/087/286/287	
		 Bolt, torsion bar linkage to wheel carrier	*BA32.20-P-1004-04S
37	Tighten threaded connection of spring link (13) on wheel carrier (7).	<p> Use  screwdriver bit if a screw with multi-point socket is installed.</p> <p> Bolt, spring control arm to wheel carrier</p> <p> Screwdriver bit</p>	*BA35.20-P-1002-011 *119589001000
38	Lower major assembly mount.		
39	Attach bracket (8) with rear axle rpm sensor (L6/3, L6/4) to wheel carrier (7).	 Bolt, rpm sensor to wheel carrier	*BA42.30-P-1001-02K
40	Install brake disk (5).	Model 205 (except 205.386/387/486/487) Model 213 (except 213.064/088/089/264/288/289) Model 253 (except 253.388/389/988/989) Model 293	AR42.10-P-0220EWE AR42.10-P-0240EQ
41.1	Install rear axle spring.	Model 205 (except 205.386/387/486/487) except code 489 (AIRMATIC) Model 213.0 (except 213.064/088/089) except code 489 (AIRMATIC) Model 213.1 except code 489 (AIRMATIC) Model 253 (except 253.388/389/988/989) except code 489 (AIR BODY CONTROL)	AR32.20-P-0230LW
41.2	Fill air suspension at rear axle using diagnostic system.	Model 205 (except 205.386/387/486/487) with code 489 (AIRMATIC) Model 213.0 (except 213.064/088/089), 213.1 with code 489 (AIRMATIC) Model 213.2 (except 213.264/288/289) Model 253 (except 253.388/389/988/989) with code 489 (AIR BODY CONTROL) Model 293	AD00.00-P-2000-04B
		Model 205 (except 205.386/387/486/487) with code 489 (AIRMATIC) Model 213.0 (except 213.064/088/089), 213.1 with code 489 (AIRMATIC) Model 213.2 (except 213.264/288/289) Model 253 (except 253.388/389/988/989) with code 489 (AIR BODY CONTROL) Model 293	AD00.00-P-2000-06FR
42	Position nut (4) of rear axle shaft (14).		
43	Attach rear wheel.		AR40.10-P-1102A
44	Tighten nut (4) of rear axle shaft (14).	 Nut, rear axle shaft to wheel bearing	*BA35.30-P-1001-01N
45	Attach hub cap to rear wheel.		
46	Disconnect vehicle from vehicle lift.		AR00.60-P-1006A
	Measure		
47	Perform chassis alignment.		AR40.20-P-0200LW

 Rear axle torsion bar

Number	Designation			Model 205 (except 205.086/087/286/287/386/387/486/487) except code 489 (AIRMATIC)	Model 205 (except 205.086/087/286/287/386/387/486/487) with code 489 (AIRMATIC)
BA32.20-P-1003-04S	Nut, torsion bar linkage to spring control arm	Stage 1	Nm	20	35
		Stage 2	∠°	180	120

Nm Rear axle torsion bar

Number	Designation			Model 213 (except 213.088/089/288/289) except code 489 (AIRMATIC)	Model 213 (except 213.088/089/288/289) with code 489 (AIRMATIC)
BA32.20-P-1003-04S	Nut, torsion bar linkage to spring control arm	Stage 1	Nm	20	35
		Stage 2	∠°	180	120

Nm Rear axle torsion bar

Number	Designation			Model 253 (except 253.388/389/988/989) except code 489 (AIR BODY CONTROL)	Model 253 (except 253.388/389/988/989) with code 489 (AIR BODY CONTROL)
BA32.20-P-1003-04T	Nut, torsion bar linkage to spring control arm	Stage 1	Nm	20	35
		Stage 2	∠°	180	120

Nm Rear axle torsion bar

Number	Designation		Model 205.086/087/286/287/386/387/486/487
BA32.20-P-1004-04S	Bolt, torsion bar linkage to wheel carrier	Nm	50

Nm Rear axle shock absorber

Number	Designation			Model 205	Model 213	
BA32.25-P-1001-03P	Self-locking nut, shock absorber to spring control arm	Air suspension	Stage 1	Nm	100	100
			Stage 2	∠°	90	90
		Steel suspension	Stage 1	Nm	45	60
			Stage 2	∠°	90	60

Nm Rear axle shock absorber

Number	Designation			Model 253	Model 293	
BA32.25-P-1001-03P	Self-locking nut, shock absorber to spring control arm	Air suspension	Stage 1	Nm	100	100
			Stage 2	∠°	90	90
		Steel suspension	Stage 1	Nm	45	-
			Stage 2	∠°	90	-

Nm Rear axle stabilizer bar

Number	Designation		Model 293	
BA32.35-P-1003-03F	Nut, torsion bar linkage to spring link	Stage 1	Nm	25
		Stage 2	∠°	180

Nm Tie rod

Number	Designation		Model 205	Model 213	
BA35.20-P-1001-04M	Bolt, tie rod to wheel carrier	Stage 1	Nm	50	50

		Stage 2	∠°	90	90
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Nm Tie rod

Number	Designation			Model 253	Model 293
BA35.20-P-1001-04M	Bolt, tie rod to wheel carrier	Stage 1	Nm	50	50
		Stage 2	∠°	90	90

Nm Spring control arm

Number	Designation			Model 205	Model 213
BA35.20-P-1002-01I	Bolt, spring control arm to wheel carrier	Stage 1	Nm	80	80
		Stage 2	∠°	90	90

Nm Spring control arm

Number	Designation			Model 253	Model 293
BA35.20-P-1002-01I	Bolt, spring control arm to wheel carrier	Stage 1	Nm	80	80
		Stage 2	∠°	90	90

Nm Camber strut

Number	Designation			Model 205	Model 213
BA35.20-P-1002-02L	Bolt, camber strut to wheel carrier	Stage 1	Nm	50	50
		Stage 2	∠°	90	90

Nm Camber strut

Number	Designation			Model 253	Model 293
BA35.20-P-1002-02L	Bolt, camber strut to wheel carrier	Stage 1	Nm	50	50
		Stage 2	∠°	90	90

Nm Strut rod

Number	Designation			Model 205	Model 213
BA35.20-P-1002-03L	Bolt, strut rod to wheel carrier	M12 Stage 1	Nm	50	50
		Stage 2	∠°	90	90

Nm Strut rod

Number	Designation			Model 253
BA35.20-P-1002-03L	Bolt, strut rod to wheel carrier	M12 Stage 1	Nm	50
		Stage 2	∠°	90

Nm Strut rod

Number	Designation			Model 293
BA35.20-P-1002-03N	Bolt, strut rod to wheel carrier	M12 Stage 1	Nm	50
		Stage 2	∠°	90

Nm Thrust arm

Number	Designation			Model 205	Model 213
BA35.20-P-1002-05J	Bolt, thrust arm to wheel carrier	Stage 1	Nm	50	50
		Stage 2	∠°	90	90

Nm Thrust arm

Number	Designation			Model 253
BA35.20-P-1002-05J	Bolt, thrust arm to wheel carrier	Stage 1	Nm	50
		Stage 2	∠°	90

Nm Thrust arm

Number	Designation			Model 293
BA35.20-P-1002-05L	Bolt, thrust arm to wheel carrier	Stage 1	Nm	50
		Stage 2	∠°	90

Nm Rear axle shaft

Number	Designation			Model 205	Model 213
BA35.30-P-1001-01N	Nut, rear axle shaft to wheel bearing		Nm	350	350

Nm Rear axle shaft

Number	Designation			Model 253	Model 293
BA35.30-P-1001-01N	Nut, rear axle shaft to wheel bearing		Nm	350	390

Nm Brake disks, brake cover plate

Number	Designation			Model 205	Model 213 with engine 256, 264, 274, 276, 642, 654, 656
BA42.10-P-1004-06J	Screw/bolt, rear axle brake cover plate M6 to hub/rotor assembly		Nm	8	20

Nm Brake disks, brake cover plate

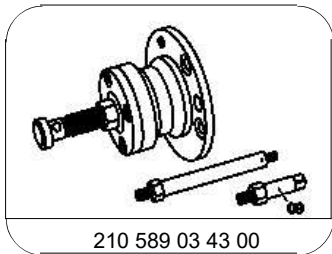
Number	Designation			Model 253	Model 293
BA42.10-P-1004-06J	Screw/bolt, rear axle brake cover plate M6 to hub/rotor assembly		Nm	8	20

Nm Rear axle rpm sensor

Number	Designation			Model 205	Model 213
BA42.30-P-1001-02K	Bolt, rpm sensor to wheel carrier		Nm	8	8

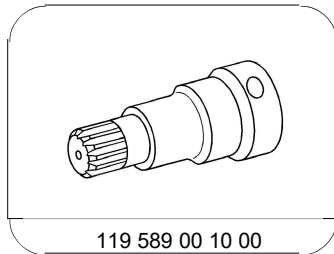
Nm Rear axle rpm sensor

Number	Designation			Model 253	Model 293
BA42.30-P-1001-02K	Bolt, rpm sensor to wheel carrier		Nm	8	8



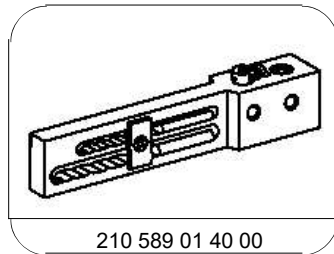
210 589 03 43 00

Extraction and insertion tool



119 589 00 10 00

Screwdriver bit



210 589 01 40 00

Bracket