

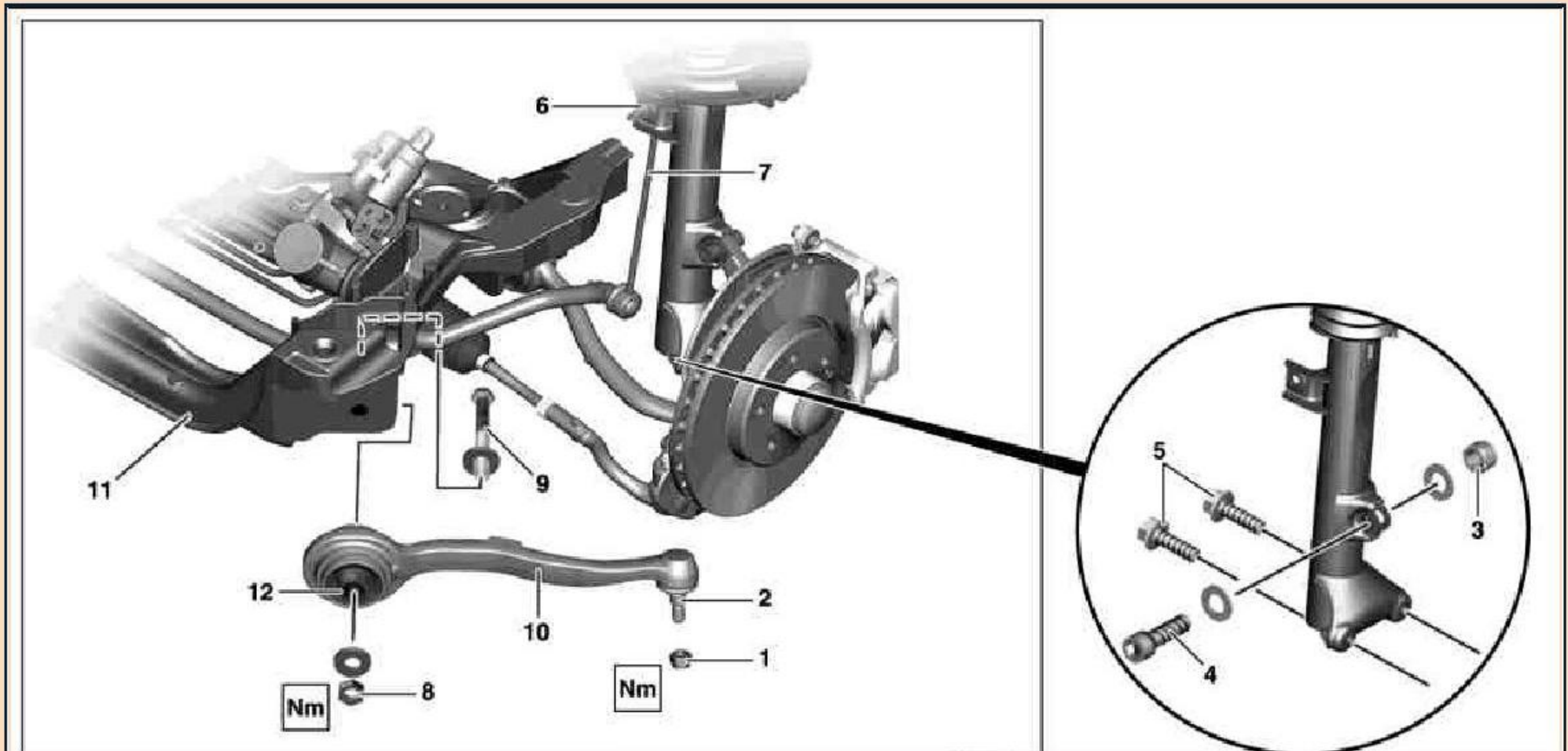
Display Document

Sales designation:	Vehicle ident. number:	Engine number:	Automatic transmission:	Gr.:	Entry: Mod.Y.: Op. no.:
CLK 500	WDB209375*	113.968	722633	33.15	

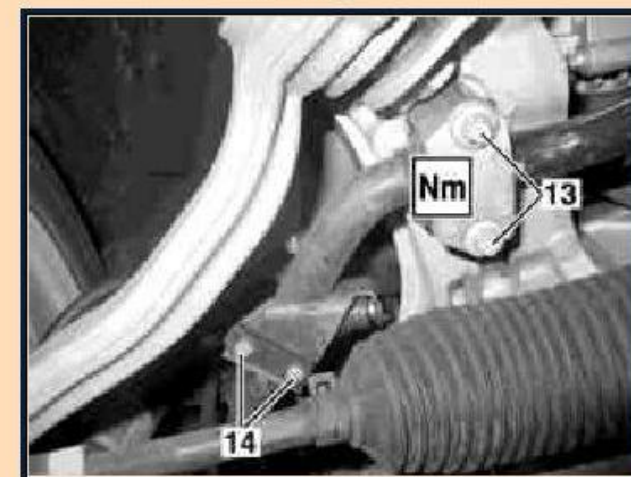
AR33.15-P-0160P	Remove/install torque strut at front axle	Full-size view	Validity OFF	Page:	2 / 10
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MODELS 203 (except 203.081 /084 /087 /092 /281 /284 /287 /292)

MODELS 209
















- 1 Nut
- 2 Ball head bolt
- 3 Nut, wheel carrier at the top
- 4 Bolt
- 13 Bolts
- 14 Nuts
- 5 Bolts, wheel carrier at the bottom
- 6 Nut
- 7 Link rod
- 8 Nut
- 9 Bolt
- 10 Torque strut
- 11 Front axle carrier
- 12 Rubber bushing



P32.20-2102-01

	Remove/install		
	Notes on self-locking nuts and bolts	All models	AH00.00-N-0001-01A
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
1	Raise vehicle.		AR00.60-P-1000P
2	Remove wheel. AP		AP40.10-P-4050Z
3	Unscrew nut (1)	Nm	BA33.20-P-1004-01E
4	Press ball head bolt (2) out of the wheel carrier	Puller Thrust piece	171589003300 171589003400

		 Thrust piece	<u>171589003400</u>
5	Unscrew nut of upper wheel carrier (3)		
6	Take out bolt (4)	Model 203: ↓  Model 209: ↓ 	BA32.25-P-1010-01B <u>BA32.25-P-1002-01E</u>
7	Remove bolts from lower wheel carrier (5)	Model 203: ↓  Model 209: ↓ 	<u>BA32.25-P-1008-01B</u> <u>BA32.25-P-1003-01E</u>
8	Unscrew nut (6)		<u>BA32.20-P-1004-02B</u>
9	Remove link rod (7)		<u>BA32.20-P-1002-02B</u>
10	Remove stabilizer bar from front axle beam. To do this, remove bolts (13) from stabilizer bar	 Right and left side 	<u>BA32.20-P-1009-02B</u>
11.1	Remove headlamp range adjustment sensor. To do this, remove nuts (14)	Only with bi-xenon headlamp unit code 614.	
12	Unscrew nut (8)		<u>BA33.20-P-1007-01E</u>
13	Remove bolt (9)		
14	Remove torque strut (10)	 Pry out of front axle carrier (11) using assembly lever.  Installation: screw on nut (8) until it contacts the surface, but do not tighten it yet so that the rubber mount (12) of the torque strut (10) can turn when the vehicle is rocked to settle the suspension. Do not tighten nut (8) until in ready-to-drive condition.	
	Check		

	Check	Condition.	
15	Inspect radius rod (10) for visible signs of damage or deformation.		
16	Check rubber mount (12)	<p>⚠ If the rubber mount (12) is cracked or brittle, either the rubber mount (12) or the complete torque strut (10) has to be replaced to prevent a faulty chassis geometry from forming.</p> <p>On model 203 up to vehicle ident end number A033999, F018699, R000999, the torque strut (10) has to be replaced if damage to the rubber mount (12) has been detected.</p> <p>On model 203 as of vehicle ident end number A034000, F018700, R001000 and model 209, the rubber mount (12) can be replaced individually, refer to: ↓</p> <p>Press out/press in rubber mount (12) of torque strut</p> <p>🔧 Extraction and insertion tool</p>	<p style="border: 1px solid black; padding: 2px;">AR33.15-P-0160-02P</p> <p>220589064300</p>
17	Install in the reverse order		

Nm Front axle torsion strut

Number	Designation	Models	Models
		203 except models 203.020/ 081/084/ 087/092/ 220/281/ 284/287/	203.020/ 220

Nm Front axle torsion strut

Number	Designation			Model 209
BA32.20-P-1002-02B	Self-locking nut of connecting rod to torsion bar	M10	Nm	55
		M10×1.5	Nm	-
		M12×1.5	Nm	-
		M14×1.5	Nm	-
BA32.20-P-1004-02B	Self-locking nut, connecting rod to spring strut	M10	Nm	-
		M10×1.5	Nm	-
		M12×1.5	Nm	-
		M12	Nm	80
BA32.20-P-1009-02B	Bolt for torsion bar retaining bracket on front axle carrier	1st stage	Nm	25
		2nd stage	Δ°	-

Nm Front axle shock absorber

Number	Designation	Model 203 without

Nm Front axle shock absorber

Number	Designation			Model 209
BA32.25-P-1002-01E	Self-locking nut, suspension strut to steering knuckle at top	1st stage	Nm	120
		2nd stage	Δ°	90
BA32.25-P-1003-01E	Self-locking bolt, suspension strut to steering knuckle at bottom		Nm	110

Nm Wheel control, hub

Number	Designation			Models 203 except models 203.081/084/ 087/092/281/ 284/287/292	Model 209
BA33.20-P-1004-01E	Self-locking nut, radius rod to steering knuckle	1st stage	Nm	80	50
		2nd stage	Δ°	-	60
BA33.20-P-1007-01E	Self-locking nut, torque strut to front axle carrier	1st stage	Nm	150	80
		2nd stage	Δ°	-	120