

AR40.20-P-0264T	Adjust front axle toe	7.12.05
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MODEL 211

Shown on model 211

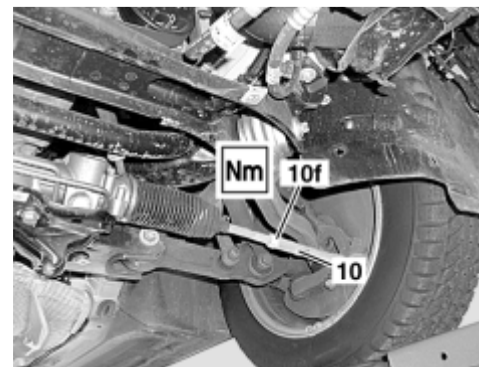
055  Retaining device



P40.20-2130-01

Shown on model 211 without 4MATIC

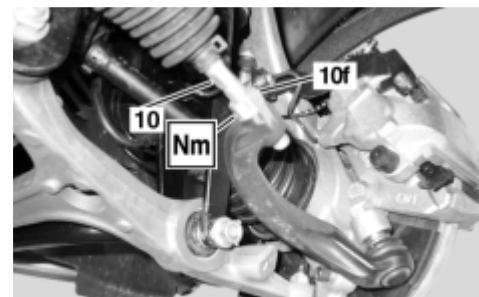
10 Tie rod
10f Locknut



P40.20-2131-01

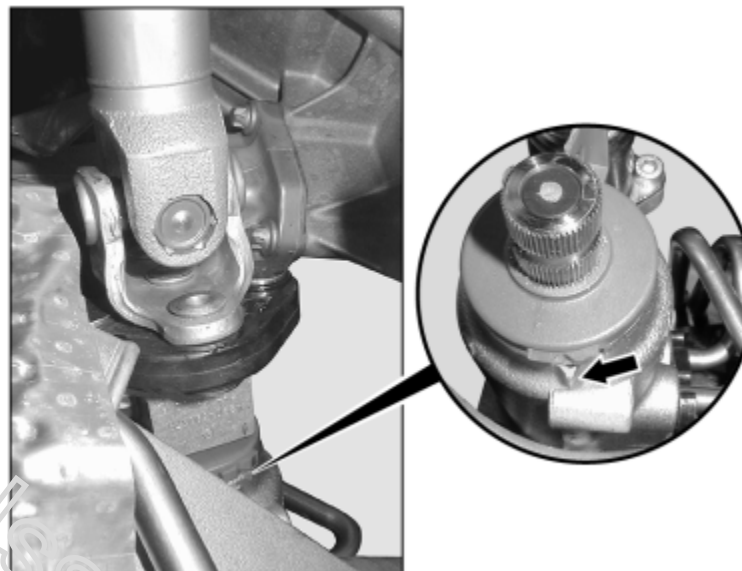
Shown on model 211 with 4MATIC

10 Tie rod
10f Locknut




P40.20-2181-01

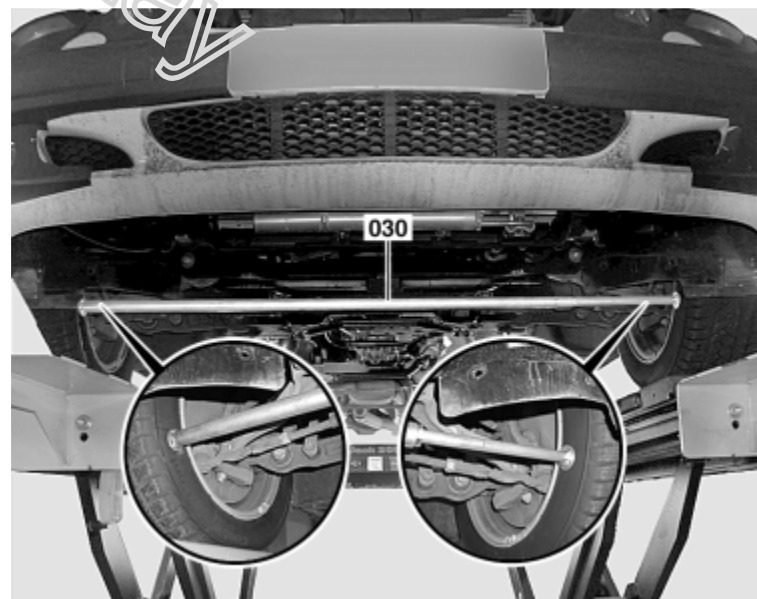
Arrow Center position of steering










P46.20-2140-11




Shown on model 211

030  Wheel spreader



P40.20-2132-11

	Check and adjust		
1.1	Switch off the easy entry/exit for the driver seat and steering wheel	Vehicles with memory package (driver's seat, steering column, mirrors) code 275	
		 Otherwise the driver seat and steering wheel move into a different position if the driver door is opened or closed for example. The upper frame may be damaged when the holding device (055) is installed.	
		 The system is switched off via the buttons on the steering wheel in the "Comfort" menu of the multifunction display.	
2	Swivel the sun visor to one side and fix the steering wheel in the center position using the retainer (055)	 Carefully mount retainer (055), in order to avoid damaging the steering wheel or the headliner.	
			129 589 01 21 00
3	Check center position of steering gear and steering wheel	 The steering gear is in the center position when the marking on the cap matches the marking on the control valve housing (arrow). If necessary, shift steering wheel, see: ↓	
		Remove/install steering wheel	
		Model 211	AR46.10-P-0100T
4	Insert wheel spreader (030) at the inside of the wheel at the front in the direction of travel	 The elastic bearing of the transverse control arm and steering linkage produces a correspondingly large toe value that is reduced to the correct dimension in the ready-to-drive condition.	
			WH58.30-Z-1005-14A

5	Counterhold tie rod (10) at the hexagon and loosen jam nut (10f)		
6	Rotate the tie rods (10) to adjust the toe angle.		BE40.20-P-1001-07A
7	Tighten jam nut (10f)		BA46.40-P-1002-01E
8	Remove retainer (055)		129 589 01 21 00
9	Remove wheel spreader (030)		WH58.30-Z-1005-14A
10	Check bellows for twisting and align if necessary		

Front axle toe check values

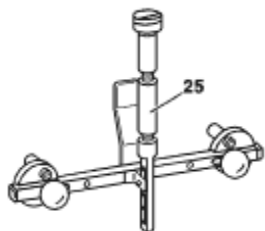
Number	Designation		Model 211 with 4MATIC	Model 211 except 4MATIC, with 17" tires or larger	Model 211 ECE, with steel suspension, MB sports suspension (code 486) or AMG, except 4MATIC and 16" tires
BE40.20-P-1001-07A	Front axle overall toe-in	4°	0° 15'(±10')	0° 15'(±10')	0° 20'(±10')

Front axle toe check values

Number	Designation		Model 211 with suspension with increased ground clearance (code 482), except 4MATIC and 16" tires	Model 211 ECE except 4MATIC and 16" tires
BE40.20-P-1001-07A	Front axle overall toe-in	4°	0° 20'(±10')	0° 20'(±10')

 Tie rod

Number	Designation		Models 211 except models 211.08/28	Models 211.08/28
BA46.40-P-1002-01E	Lock nut, tie rod to inner tie rod		Nm 60	60



129 589 01 21 00

Retainer

Commercially available tools (see Workshop Equipment Manual)

Number	Designation	Make (e.g.)	Order number
WH58.30-Z-1005-14A	Wheel spreader	Beissbarth D-80993 Munich, Germany	860 000 883

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