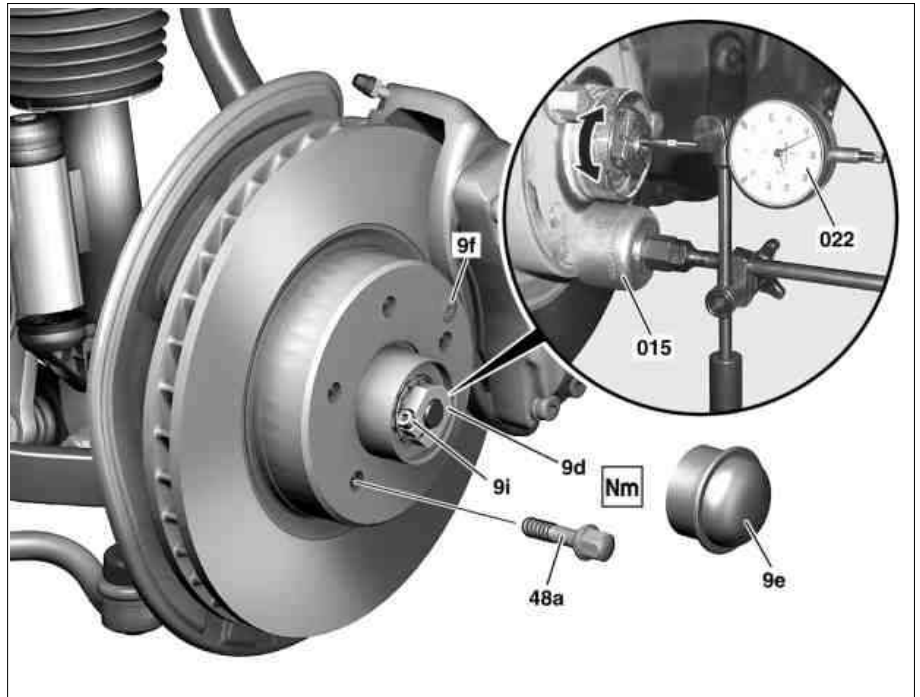


MODEL 219.3, 230
MODEL 211 (except 211.08 /09 /28 /29)
MODEL 230 except CODE (P99) "AMG Black Series" special model

- 015 Dial indicator holder
- 022 Dial indicator
- 9d Clamp nut
- Hub cover
- 9f Brake disk locking bolt
- 9i Hexagon socket head screw
- 48a Wheel bolt



P33.20-2140-06

	Removing		
Danger!	Risk of injury caused by body parts being jammed or crushed. Risk of injury to skin and eyes caused by brake fluid spraying out at high pressure when working on the SBC brake system	Deactivate SBC brake system using STAR DIAGNOSIS.	AS42.46-Z-0001-01A
1	Deactivate SBC brake system using STAR DIAGNOSIS.	Vehicles with Sensotronic Brake Control (SBC) The following steps should be run through in STAR DIAGNOSIS: Select the menu item "SBC-Sensotronic Brake Control"/"Initial startup after repair"/"Deactivate 'SBC' system". Then process all the individual steps from top to bottom.	
AD	Connect STAR DIAGNOSIS and read out fault memory		AD00.00-P-2000-04A
2	Remove front wheel Remove/install wheels	Model 219 Model 211, 230	AP40.10-P-4050TX AP40.10-P-4050Z
3	Turn in wheel bolt (48a) opposite brake disk locking bolt (9f)	To immobilize brake rotor.	
4	Press brake pads back into brake caliper		
5	Pull off hub cap (9e)		*116589223300
	Check and adjust		
6	Set up wheel bearing	To do this, slacken hexagon socket head screw (9i) and lightly tighten clamping nut (9d) whilst rotating the wheel hub. Then turn clamping nut (9d) back until play is noticeable.	
7	Attach dial indicator (022) with dial indicator holder (015)	 	*363589022100 *001589532100
8	Adjust wheel bearing play by turning (arrow) the clamping nut (9d) in stages while pushing and pulling the brake disk firmly back and forth.	Do not twist or tilt the wheel hub during the measurement. Correct measurement is only possible by pulling and pushing parallel to the wheel axle. Incorrect measurement will result in the set wheel bearing play being too small. This can then lead to wheel bearing damage.	

		Wheel bearing play at front axle	*BE33.20-P-1002-01A
9	Tighten the Allen bolt (9i), check the wheel bearing end float again	Model 219	*BA33.20-P-1001-01K
		Model 211, 230	*BA33.20-P-1003-01A
10	Detach dial indicator (022) with dial indicator holder (015)		
	Install		
11	Fill hub cap (9e) with high-temperature roller bearing grease		*BF33.20-P-1001-01A
12	Mount hub cover (9e)		*116589223300
13	Undo wheel bolt (48a) opposite brake disk locking bolt (9f)		
14	Mount front wheel Remove/install wheels	Model 219 Model 211, 230	AP40.10-P-4050TX AP40.10-P-4050Z
Danger!	Risk of accident when commissioning the vehicle due to a lack of braking effect when the service brake is operated for the first time after repair work Press the brake pedal several times until the brake pads contact the brake disks	Before starting engine, actuate brake pedal several times until the pressure is built up and maintained in the brake system. Vehicles without Sensotronic Brake Control (SBC) Firm resistance should be noticeable at the brake pedal.	AS42.50-Z-0002-01A
15.1			
15.2	Activate SBC brake system using STAR DIAGNOSIS AD Connect STAR DIAGNOSIS and read out fault memory	Vehicles with Sensotronic Brake Control (SBC) The following steps should be run through in STAR DIAGNOSIS: Select menu item "Initial startup after repair"/ "After replacing brake pads". Then process all the individual steps from top to bottom.	AD00.00-P-2000-04A

Test specifications for wheel location, wheel hub

Number	Designation	Model 211	Model 219.3	Model 230
BE33.20-P-1002-01A	Wheel bearing play at front axle mm	0.01...0.02	0.01...0.02	0.01...0.02

Wheel location, hub

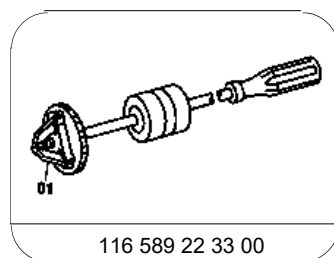
Number	Designation	Model 211 except 211.08/09/28/29	Model 230 except code P99
BA33.20-P-1003-01A	Screw for clamp nut to adjust front wheel bearing end float Nm	11	11

Wheel location, hub

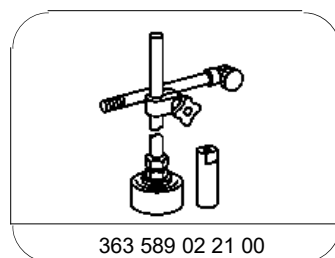
Number	Designation	Model 219.3
BA33.20-P-1001-01K	Screw for clamp nut to adjust front wheel bearing end float Nm	11

Wheel hub, cap

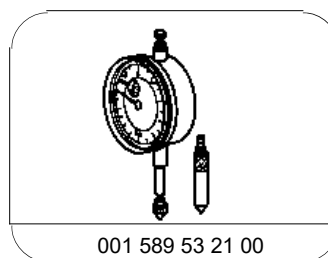
Number	Designation		Model 211	Model 219	Model 230
BF33.20-P-1001-01A	Filling capacity	Hub cover	g 15	15	15
		Hub (total capacity)	g 80	80	80
		Specifications for Operating Fluids	Sheet BB00.40-P-0265-01A	BB00.40-P-0265-01A	BB00.40-P-0265-01A



Removal and installation tool



Dial indicator holder



Dial indicator