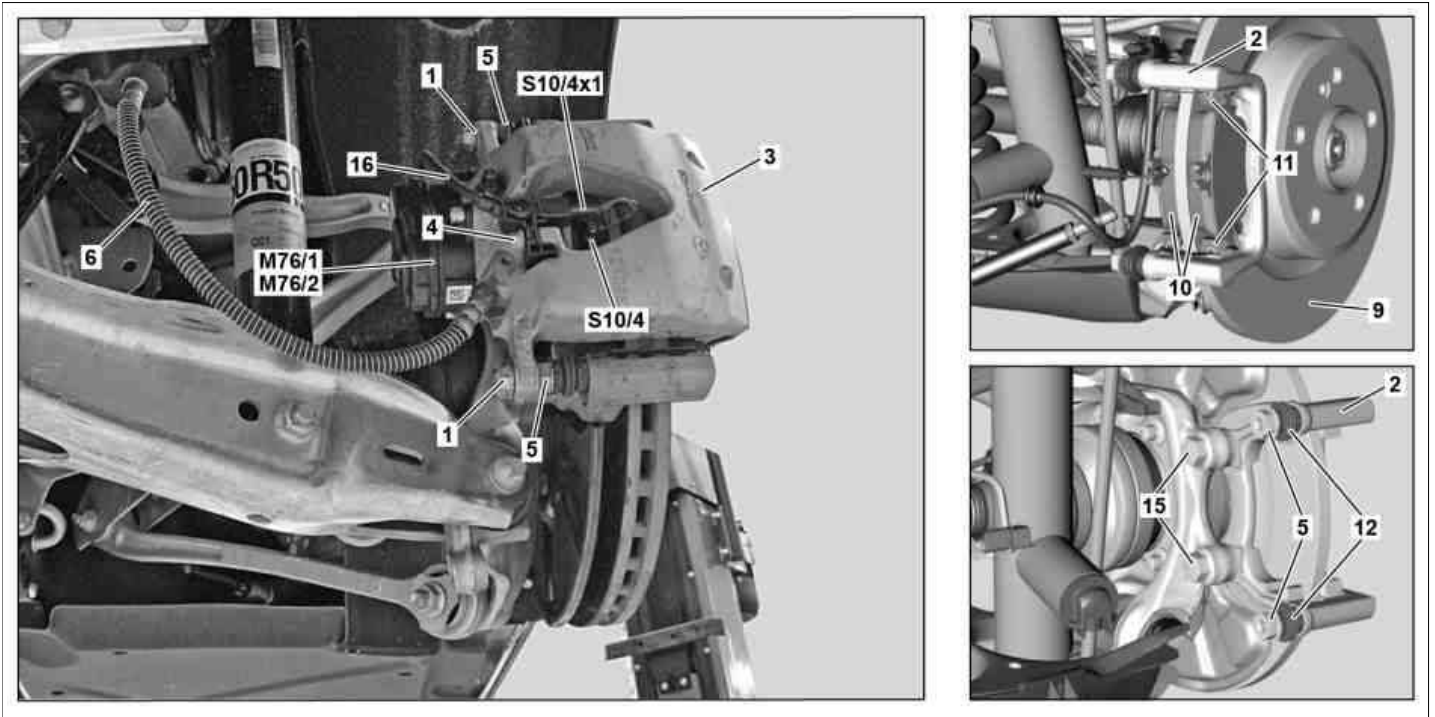


Model 217, 222

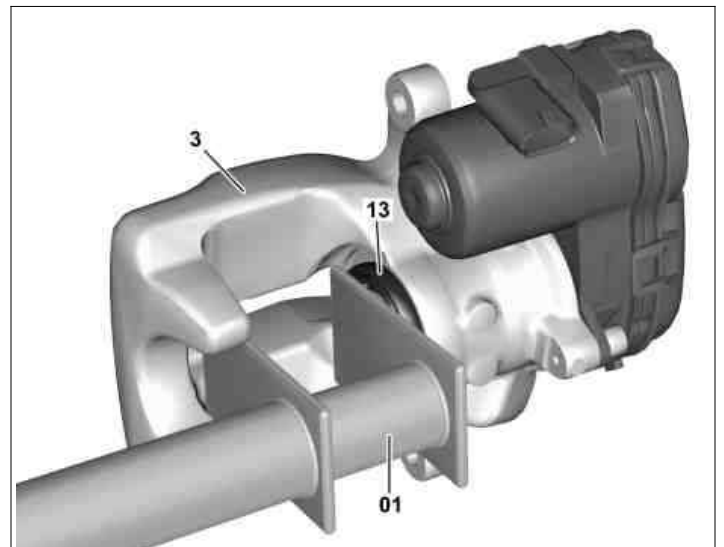


P42.10-2964-09
















Shown on MODEL 222 - right side of vehicle






1	Bolts	9	Brake disk	M76/1	Left electric parking brake actuator motor
2	Caliper support	10	Brake linings	M76/2	Right electric parking brake actuator motor
3	Brake caliper	11	Spring steel sheets	S10/4	Right rear brake wear sensor
4	Screw	12	Bellows	S10/4x1	Right rear brake wear sensor electrical connector
5	Guide pin	15	Bolts		
6	Brake hose	16	Electric line		

- 01 Pusher tool
 3 Brake caliper
 13 Dust boot



P42.10-2868-11

 Caution	Risk of poisoning from swallowing brake fluid. Risk of injury from skin and eye contact with brake fluid	Only pour brake fluid into suitable and appropriately marked containers. Wear protective clothing and eye protection when handling brake fluid.	AS42.50-Z-0001-01A
 Warning	Risk of injury. Skin or eye injuries may result when handling hot or glowing objects.	Wear protective gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
	Notes on repairs to brake system		AH42.00-P-0003-01A
	Brake fluid notes		AH42.50-P-0001-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	Notes on installing brake wear indicator contact sensors		AH42.10-P-0003-01CW
	Remove/install		
1	Move brake pads (10) of the rear axle into assembly position	 Do not depress the service brake during "Move to assembly position" procedure. Otherwise, the spindle in the brake caliper (3) will be damaged.  The engine hood must be closed.	AR42.10-P-1700-02W
2	Switch off ignition and remove transmitter key		
	Clean		
3	Clean area surrounding the cap of the brake fluid expansion reservoir	Assembly cleaner	*BR00.45-Z-1028-04A
4	Unscrew the cap on the brake fluid expansion reservoir and suction off some brake fluid	 This prevents the brake fluid expansion reservoir from overflowing when the brake pistons are pushed back.	
5	Detach corresponding complete wheel		AR40.10-P-1102A
6	Disconnect right rear brake wear sensor electrical connector (S10/4x1) from right rear brake wear sensor (S10/4)	When removing brake caliper (3) on right side of vehicle.	
7	Remove bolt (4) and remove electrical connector of the right rear brake pad wear sensor (S10/4x1)	When removing brake caliper (3) on right side of vehicle.  Screw/bolt, brake wear sensor to brake caliper	*BA42.10-P-1003-12J
8	Unhook electric line (16) from right electric parking brake actuator motor (M76/2)	When removing brake caliper (3) on right side of vehicle.	
9	Detach electrical connection from left electric parking brake actuator motor (M76/1) or right electric parking brake actuator motor (M76/2)	When replacing brake caliper (3).	
10	Remove bolt (1)	 Counterhold guide pin (5).  Guide pin to brake caliper support or bolt for guide pin to brake caliper	*BA42.10-P-1004-12J
11	Remove brake hose (6)	When replacing brake caliper (3).  Seal the connections immediately using suitable  stop plugs. Otherwise adjacent components will be damaged by escaping brake fluid; if too much brake fluid escapes, this will cause problems when bleeding.  Record plug	AR42.10-P-0013LF *129589009100
12	Detach brake caliper (3) from brake caliper support (2)	 Installation: Guide the right rear brake wear sensor (S10/4) through the opening of the brake caliper (3).	
13	Press back brake piston using pusher tool (01)	When reusing brake caliper (3).  Resetting device If brake piston is sluggish ↓ Replace brake caliper (3)	*000589524300
14	Remove left electric parking brake actuator motor (M76/1) or right electric parking brake actuator motor (M76/2) from the brake caliper (3)	When replacing brake caliper (3).	AR42.20-P-0600LF

15	Remove brake lining (10) from brake caliper support (2)	When removing the brake caliper support (2). i Installation: Only sets of brake linings (10) approved by Mercedes-Benz may be installed. Do not apply brake paste or lubricants to the brake linings (10) and brake calipers (3).	
16	Pull right rear brake lining wear sensor (S10/4) out of brake lining (10)	When replacing brake linings (10) on right side of vehicle. i Installation: Replace defective right rear brake lining wear sensor (S10/4).	
17	Remove spring steel sheets (11) from brake caliper support (2)	When removing the brake caliper support (2).	
18	Remove bolts (15) and remove brake caliper support (2)	When removing the brake caliper support (2). Nm Bolt, brake caliper/brake caliper support to wheel carrier	*BA42.10-P-1001-12J
	Check		
19	Check brake caliper (3) and dust boot (13) on brake piston for damage	If damage is present ↓ Replace brake caliper (3)	
20	Check boots (12) for damage and correct seat	If damage is present ↓ Replace brake caliper support (2)	
21	Check guide pin (5) for ease of movement	If damage is present ↓ Replace brake caliper support (2)	
	Clean		
22	Clean contact surfaces of brake linings (10) on brake caliper (3) and on brake caliper support (2)	! Do not use sharp-edged or pointed objects. The dust boot (13) or bellows (12) can otherwise be damaged. Assembly cleaner	*BR00.45-Z-1028-04A
23	Install in the reverse order		
24	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. Depress brake pedal several times until brake pads (10) rest against brake disks (9)	Before starting the engine, actuate brake pedal several times until pressure is built up and maintained in the brake system. i Firm resistance should be noticeable at the brake pedal.	AS42.50-Z-0002-01A
	Check		
	Check fluid level in brake fluid expansion reservoir		AP42.10-P-4210HA
	Carry out brake test on the test stand		AP42.00-P-4290BA

Nm Rear axle brake caliper

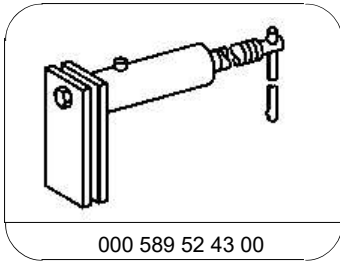
Number	Designation		Model 217	Model 222
BA42.10-P-1001-12J	Bolt, brake caliper/brake caliper support to wheel carrier	Nm	110	110

Nm Rear axle brake caliper

Number	Designation		Model 217	Model 222
BA42.10-P-1003-12J	Screw/bolt, brake wear sensor to brake caliper	Nm	8	8

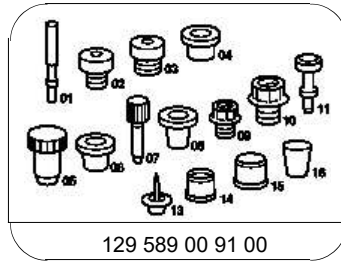
Nm Rear axle brake caliper

Number	Designation		Model 217	Model 222
BA42.10-P-1004-12J	Guide pin to brake caliper support or bolt for guide pin to brake caliper	Nm	35	35



000 589 52 43 00

Resetting device



129 589 00 91 00

Record plug

Repair materials

Number	Designation	Order number
BR00.45-Z-1028-04A	Assembly cleaner	Adolf Würth GmbH & Co. KG Reinhold-Würth-Str. 12-17 74653 Künzelsau-Gaisbach Germany Tel. +49 7940 15-0 Fax +49 7940 15-1000 http://www.wuerth.de