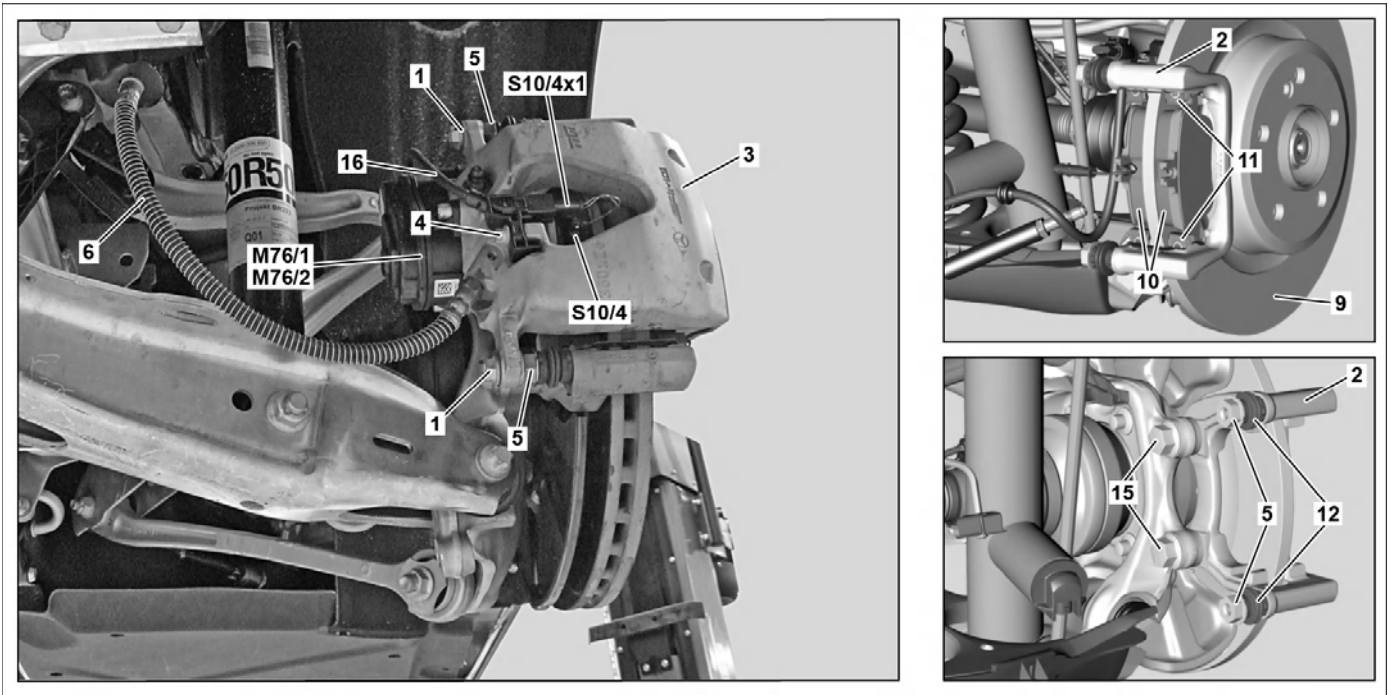


MODEL 217, 222

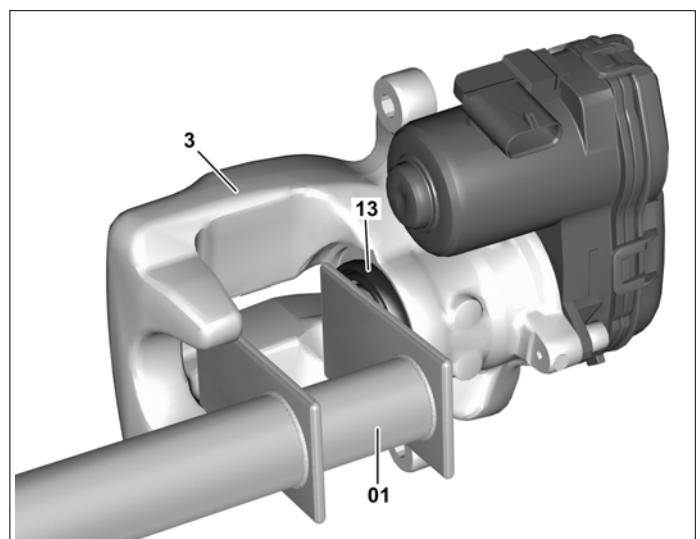


P42.10-2964-09

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
5	Guide pin	12	Bellows	S10/4x1	Right rear brake wear sensor electrical connector
6	Brake hose	16	Electrical line		

- 01 Pusher tool
3 Brake caliper
13 Dust boot


























P42.10-2868-11







⚠ Danger!


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.

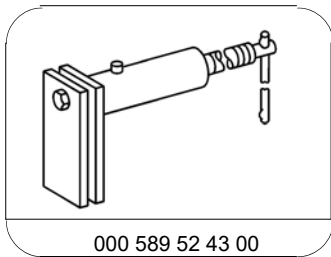
AS42.50-Z-0001-01A

 Danger!	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
	Brake fluid notes		AH42.50-P-0001-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	Notes on repairs to brake system		AH42.00-P-0003-01A
	Notes on installing brake wear indicator contact sensors		AH42.10-P-0003-01CW
	Remove/install		
1	Move brake lining (10) of rear axle into assembly position	 Do not depress the service brake during "Move to assembly position". Otherwise, the spindle in the brake caliper (3) can be damaged.  The engine hood must be closed.	AR42.10-P-1700-02W
2	Switch off ignition and remove transmitter key		
3	Remove cover over brake fluid expansion reservoir		
	Clean		
4	Clean area surrounding the cap of the brake fluid expansion reservoir	Assembly cleaner	*BR00.45-Z-1028-04A
5	Unscrew the cap on the brake fluid expansion reservoir and suction off some brake fluid	 In order to prevent the brake fluid expansion reservoir overflowing when pressing back the brake pistons.	
6	Detach corresponding complete wheel		AP40.10-P-4050HA
			
7	Disconnect right rear brake wear sensor electrical connector (S10/4x1) from right rear brake wear sensor (S10/4)	When removing brake linings (10) on right side of vehicle	
8	Detach electrical connection from left electric parking brake actuator motor (M76/1) or right electric parking brake actuator motor (M76/2)		
9	Remove bolt (1) from lower guide pin (5)	 Counterhold lower guide pin (5) while doing so.  Guide pin to brake caliper support	*BA42.10-P-1004-12J
10	Swivel brake caliper (3) upwards	 Do not detach brake hose (6).  Installation: Guide the right rear brake wear sensor (S10/4) through the opening of the brake caliper (3).	
11	Remove brake lining (10) from brake caliper support (2)	 Installation: Only complete 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)!	
12	Pull right rear brake lining wear sensor (S10/4) out of brake lining (10)	When removing brake linings (10) on right side of vehicle  Installation: Replace defective right rear brake wear sensor (S10/4).	
13	Remove spring steel sheets (11) from brake caliper support (2)		
	Checking, measuring		
14	Check condition of brake linings (10)	MODEL 217 MODEL 222 If necessary: ↓ Replace brake linings (10).	AP42.10-P-4252C AP42.10-P-4252HA
			
			
15	Check condition of brake disk (9) and gauge degree of wear	MODEL 217 with CODE B07 (Ceramic brake system) MODEL 217 without CODE B07 (Ceramic brake system) MODEL 222 with CODE B07 (Ceramic brake system) MODEL 222 without CODE B07 (Ceramic brake system) If necessary: ↓ Replace brake disk (9).	AP42.10-P-4258CC AP42.10-P-4258C AP42.10-P-4258HC AP42.10-P-4258HA AR42.10-P-0220LF
			
			
			
			

16	Check brake caliper (3) and dust boot (13) on brake piston for damage	If damage is present: ↓ Replace brake caliper (3).	AR42.10-P-0080LF
17	Check boots (12) for damage and correct seat	If damage is present: ↓ Replace brake caliper support (2).	AR42.10-P-0080LF
18	Check guide pin (5) for ease of movement	Replace brake caliper support (2) if damaged, see: ↓ Replace brake caliper (3).	AR42.10-P-0080LF
19	Press back brake piston using pusher tool (01)	 Resetting device If the brake piston is difficult to move: ↓ Replace brake caliper (3).	*000589524300 AR42.10-P-0080LF
	Clean		
20	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 boots (13) can otherwise be damaged. Assembly cleaner	*BR00.45-Z-1028-04A
21	Install in the reverse order		
 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.	Before starting the engine, actuate brake pedal several times until pressure is built up and maintained in the brake system.	AS42.50-Z-0002-01A
22	Depress brake pedal several times until brake linings (10) rest against brake disks (9)		
	Check		
23	Check fluid level in brake fluid expansion reservoir		AP42.10-P-4210HA
	24	Carry out brake test on the test stand	AP42.00-P-4290BA

 Rear axle brake caliper

Number	Designation		MODEL 217	MODEL 222
BA42.10-P-1004-12J	Guide pin to brake caliper support	Nm	35	35



Resetting device

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 www.wuerth.de