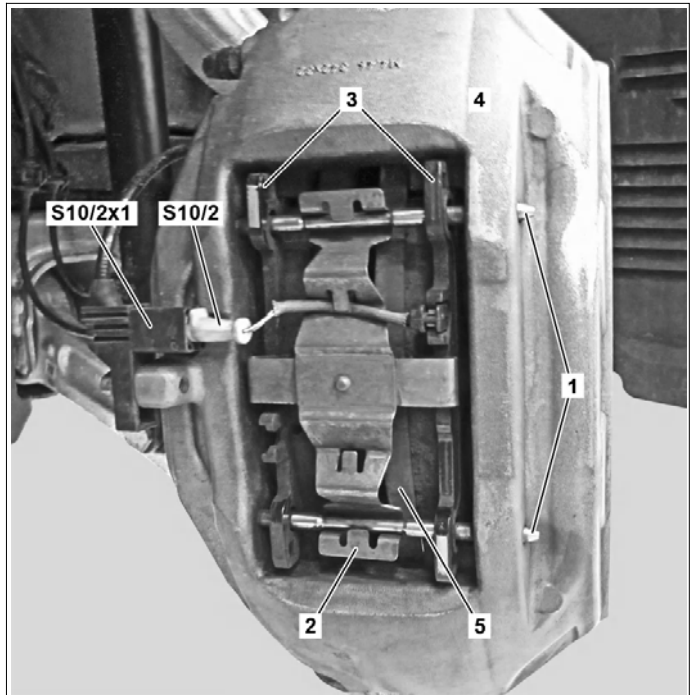


MODEL 217, 222
without CODE B07 (AMG high-performance ceramic composite braking system)

Shown on MODEL 222 without tie rod - Brake caliper at right

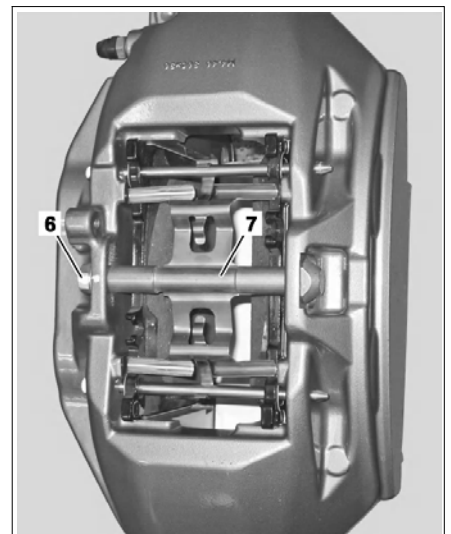
- 1 Retaining pins
- 2 Retaining spring
- 3 Brake linings
- 4 Brake caliper
- 5 Brake disk
- S10/2 Right front brake wear sensor
- S10/2x1 Right front brake wear sensor electrical connector



P42.10-2947-12

Shown on MODEL 222 with tie rod - Brake caliper at right




- 6 Screw
- 7 Tie rod




P42.10-2949-02


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
	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	Remove cover above brake fluid expansion reservoir		
2	Clean area around cap on expansion reservoir for brake fluid		

3	Unscrew the cap on the brake fluid expansion reservoir and suction off some brake fluid	This prevents the expansion reservoir overflowing when the brake piston is pushed back.	
4	Detach corresponding complete wheel		AP40.10-P-4050HA
5	Detach electrical connection for front right brake wear sensor (S10/2x1) for front right brake wear sensor (S10/2)	When removing brake pads on right side of vehicle	
6	Remove bolt (6) and then remove tie rod (7)	When tie rod (7) present MODEL 217, 222 except CODE B07 (AMG ceramic high-performance compound brake system)	*BA42.10-P-1003-10V
7	Knock out retaining pins (1) using punch and remove retaining spring (2)	Installation: Hammer in retaining pins (1) up to the end stop. Check retaining spring (2) is correctly seated.	
8	Pull brake linings (3) out of brake caliper (4) Notes on installation position of brake linings	Installation: Do not apply any brake paste or lubricants to brake pads (3) and brake calipers (4). Malfunctions may occur otherwise. Pry out seized brake linings (3) using a lever. Installation: Only sets of brake linings (3) approved by Mercedes-Benz may be installed. Make sure that the brake linings (3) are installed at the correct position. Lever	AH42.10-P-1610-01A *123589133300
	Check		
9	Check brake pads (3)	MODEL 217 MODEL 222 If wear or damage is present: ↓ Replace brake linings (3).	AP42.10-P-4252C AP42.10-P-4252HA
10	Check brake disks (5)	MODEL 217 MODEL 222 If damaged or worn ↓ Replace brake disks (5)	AP42.10-P-4258C AP42.10-P-4258HA AR42.10-P-0220LF
11	Check brake caliper (4) and dust boots of brake pistons	If leaking or damaged ↓ Replace brake caliper (4)	AR42.10-P-0070LF
12	Press back brake piston using resetting device	Secure remaining brake pistons to prevent them slipping out. Resetting device Wedge With sluggish brake pistons ↓ Replace brake caliper (4)	*000589524300 *601589076300 AR42.10-P-0070LF
	Clean		
13	Clean contact surfaces of brake linings (3) on brake caliper (4)	Do not use sharp-edged or pointed objects. Otherwise the dust boots may be damaged. Assembly cleaner	*BR00.45-Z-1028-04A
14	Pull right front brake wear sensor (S10/2) out of pad backing plate of brake lining (3)	When replacing the brake linings (3) or if the right front brake wear sensor (S10/2) is defective. Installation: Replace the defective right front brake wear sensor (S10/2).	
15	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
16	Depress brake pedal several times until brake linings (3) lie against brake disks (5)	Firm resistance should be noticeable at the brake pedal.	

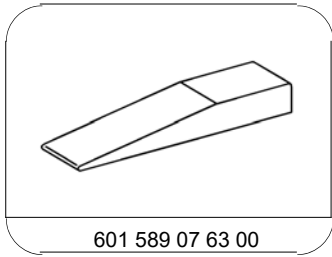
	Check		
17 	Check fluid level in expansion reservoir for brake fluid.		AP42.10-P-4210HA
18 	Carry out brake test on the test stand		AP42.00-P-4290BA

 Front axle brake caliper

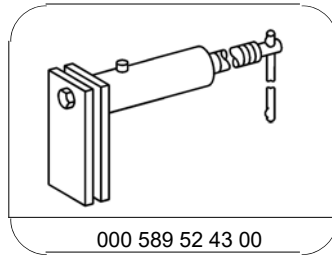
Number	Designation		MODEL 217.377/378/379/477 /479 except CODE B07	MODEL 217.364/382/384/38 5/482
BA42.10-P-1003-10V	Tension rod of brake caliper	Nm	24	24

 Front axle brake caliper

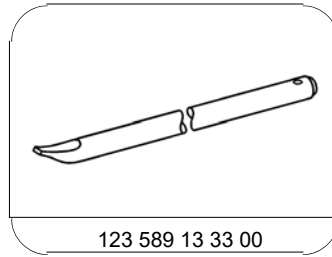
Number	Designation		MODEL 222.067/082/085/163 /165/167/967, MODEL 222.004/032/033/057 /104/123/132/133/15 7 with CODE 950/951, MODEL 222.176/182/184/185 /976/982/984/985 except CODE Z07	MODEL 222.077, MODEL 222.177/178/179 except CODE B07
BA42.10-P-1003-10V	Tension rod of brake caliper	Nm	24	24



Wedge



Resetting device



Lever

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