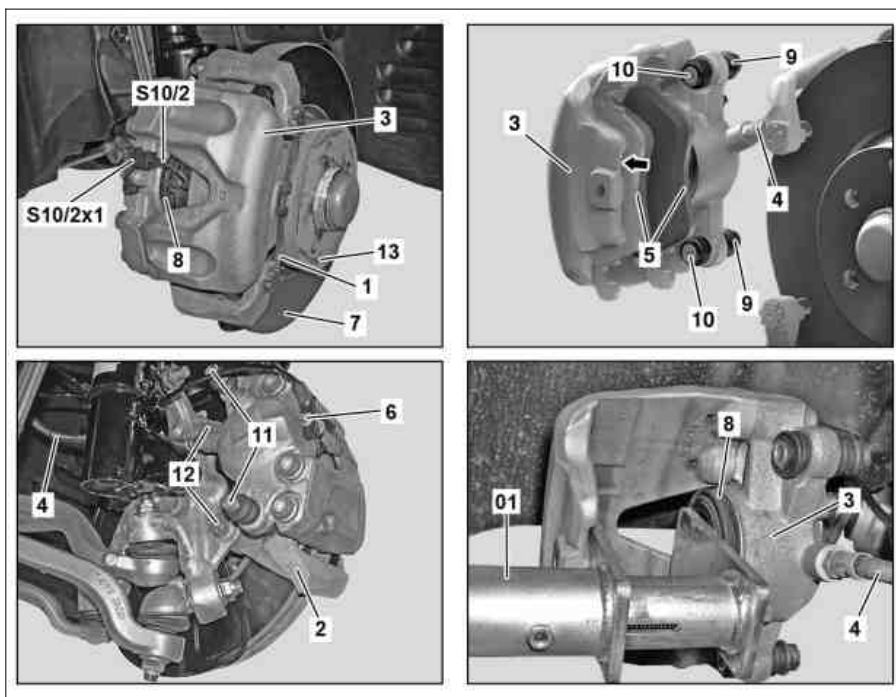


Model 207, 212, 218
Split floating caliper brake

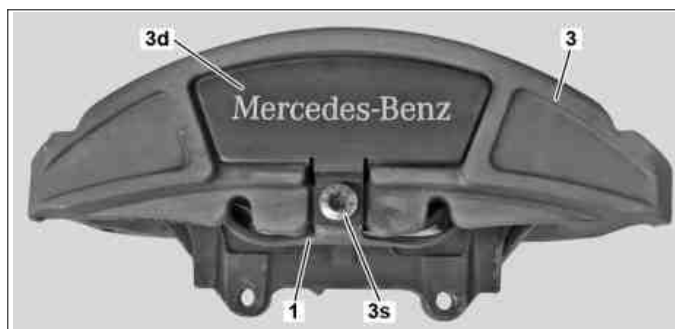
- 01 Pusher tool
1 Spring
2 Caliper support
3 Brake caliper
4 Brake hose
5 Brake linings
7 Brake disk
8 Dust boots
9 Seal boot
10 Pilot bushing
11 Bolts
S10/2 Right front brake wear sensor
S10/2x1 Right front brake wear sensor electrical connector



P42.10-2760-06
















Shown on model 207.373/473






- 1 Spring
3 Brake caliper
3d Cover
3s Screw




P42.10-2905-10


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
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 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
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	Notes on repairs to brake system		AH42.00-P-0003-01A
	Brake fluid notes		AH42.50-P-0001-01A
	Notes on installing brake wear indicator contact sensors		AH42.10-P-0003-01CW
	Remove/install		
1	Clean area around cap on expansion reservoir for brake fluid	Assembly cleaner	*BR00.45-Z-1028-04A
2	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.	
3	Remove front wheels		
		Model 207	AP40.10-P-4050CW
		Model 212, 218	AP40.10-P-4050EW

4	Detach spring (1) from brake caliper (3)	With 1-piston floating caliper brake.	
5	Remove screw/bolt (3s)	With 2-piston floating caliper brake.  Model 207 Split floating caliper brake Model 212 (except 212.061/074/075/076/077/092/274/275/276/277/292) Split floating caliper brake Model 218 (except 218.374/375/376/392/974/975/976/992) Split floating caliper brake Self-locking bolt, cover panel to brake caliper support	*BA42.10-P-1005-10J
6	Remove cover (3d) and spring (1) from brake caliper (3)	With 2-piston floating caliper brake.	
7	Detach electrical connection from brake wear sensor at front right (S10/2x1)		
8	Remove screw/bolts (11)	 Model 207 Split floating caliper brake Model 212 (except 212.061/074/075/076/077/092/274/275/276/277/292) Split floating caliper brake Model 218 (except 218.374/375/376/392/974/975/976/992) Split floating caliper brake Guide pin, brake caliper to brake caliper support	*BA42.10-P-1004-10J
9	Remove brake caliper (3) and secure free of tension to vehicle with lines still connected	 Do not subject the brake hose (4) and electrical line to tension and do not kink them. The brake hose (4) and the electrical line may otherwise be damaged.	
10	Remove brake linings (5)	 Installation: When replacing the brake linings (5), remove the protective foil of the outer brake lining (5).  Installation: Do not apply brake paste or lubricants to the brake linings (5) and brake caliper supports (2).  Installation: Unidirectional brake linings (5) are installed at the front axle. Mount all brake linings (5) so that the arrow on the lining carrier points in the direction of rotation of the front wheel when traveling forward.  Installation: Only complete sets of brake linings (5) approved by Mercedes-Benz may be installed.	
	Check		
11   	Check brake linings (5) for wear and that they are in good condition	Model 207 Model 218 Model 212 In case of damage or excessive wear: ↓ Replace brake linings (5).  Replace the brake linings (5) as a complete set only.	AP42.10-P-4252CA AP42.10-P-4252EL AP42.10-P-4252EW
12 	Check brake disk (7) for wear and that they are in good condition	In case of damage or excessive wear: ↓ Replace the brake disk (7). Model 207 Split floating caliper brake Model 212, 218 except code B07 (Ceramic brake system) Split floating caliper brake  Replace the brake disks (7) as a complete set only.	AP42.10-P-4256EW AR42.10-P-0220EWE
13	Check brake caliper (3) and dust boot (8) of brake piston for leaktightness and damage	If there are problems: ↓ Replace brake caliper (3).	AR42.10-P-0070EWC
14	Press back brake piston using pusher tool (01)	 Resetting device If the brake piston is difficult to move:	*000589524300


		↓ Replace brake caliper (3).	AR42.10-P-0070EWC
15	Check seal boots (9) for damage and correct seating and check pilot bushings (10) for ease of movement	If there are problems: ↓ Install new seal boots (9) and pilot bushings (10). Assembly cleaner	AR42.10-P-0225-01CV *BR00.45-Z-1028-04A
	Clean		
16	Clean contact surfaces of brake linings (5) on brake caliper (3) and on brake caliper support (2)	 Do not use sharp-edged or pointed objects to clean. The dust boot (8), brake caliper (3) or brake caliper support (2) can otherwise be damaged. Assembly cleaner	*BR00.45-Z-1028-04A
17	Pull right front brake wear sensor (S10/2) out of pad backing plate of brake lining (5)	When replacing the brake linings (5) or when replacing the front right brake wear sensor (S10/2).	
18	Install in the reverse order		
19	Depress brake pedal several times until brake linings (5) rest against brake disks (7)	 Firm resistance should be noticeable at the brake pedal.	
	Check		
20	Check/correct brake fluid level in expansion reservoir		AP42.10-P-4210EW
 AP	Carry out brake test on the test stand		AP42.00-P-4290BA

 Front axle brake caliper


Number	Designation		Model 207	Model 212 (except 212.061/074/075/076/077/092/274/275/276/277/292)
BA42.10-P-1004-10J	Guide pin, brake caliper to brake caliper support	M8 × 28	Nm	34
		M8 × 70	Nm	29
		M10	Nm	55

 Front axle brake caliper

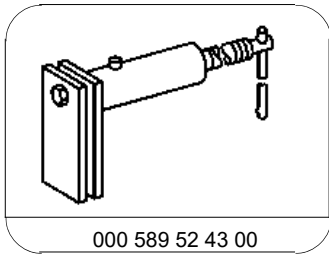
Number	Designation		Model 218 (except 218.374/375/376/392/974/975/976/992)
BA42.10-P-1004-10J	Guide pin, brake caliper to brake caliper support	M8 × 28	Nm
		M8 × 70	Nm
		M10	Nm

 Front axle brake caliper

Number	Designation		Model 207	Model 212 (except 212.061/074/075/076/077/092/274/275/276/277/292)
BA42.10-P-1005-10J	Self-locking bolt, cover panel to brake caliper support	Nm	14	14

 Front axle brake caliper

Number	Designation		Model 218 (except 218.374/375/376/392/974/975/976/992)
BA42.10-P-1005-10J	Self-locking bolt, cover panel to brake caliper support	Nm	14



000 589 52 43 00

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