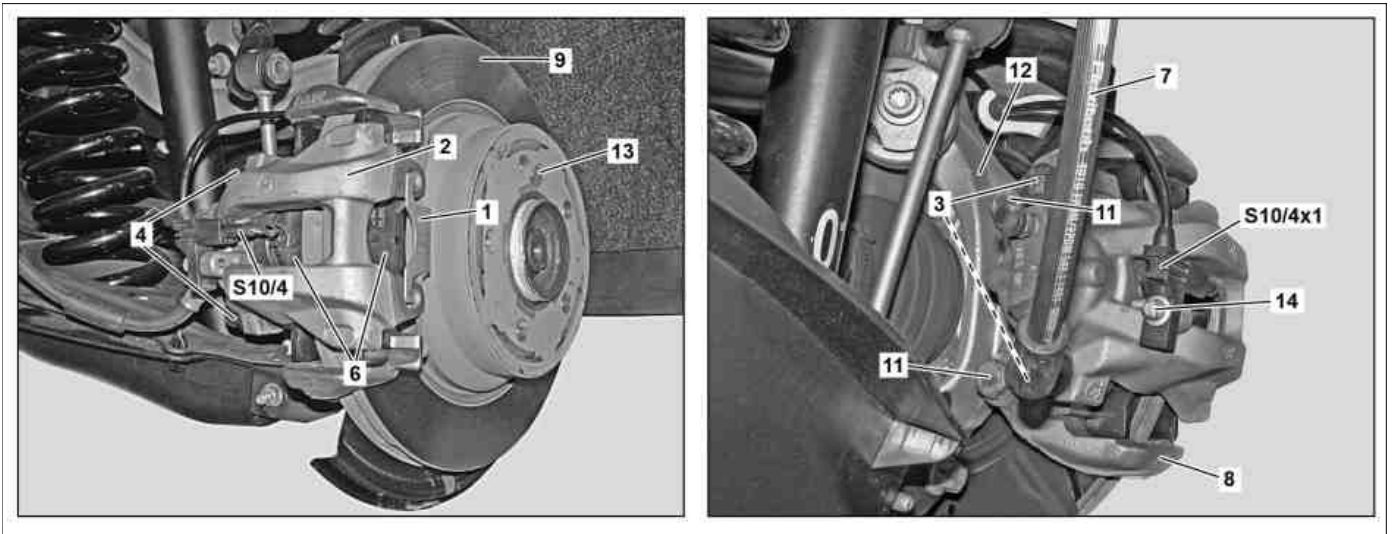


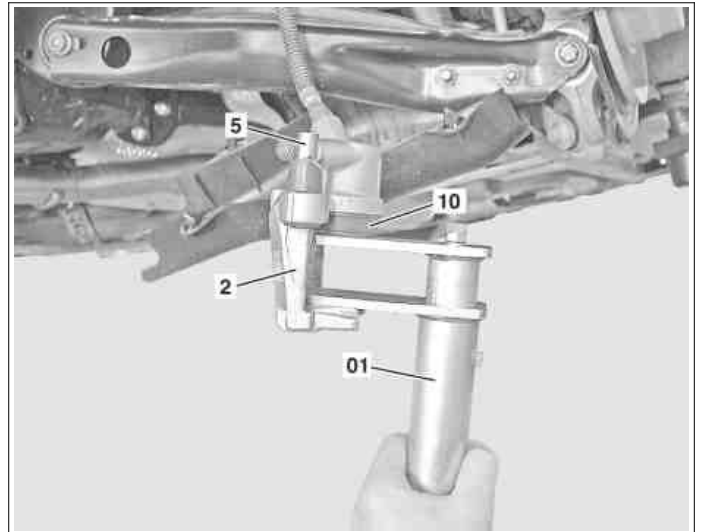
Model 207, 212 (except 212.074/075/076/077/092/274/275/276/277/292)



P42.10-2761-08




















- |   |               |   |                 |         |   |
|---|---------------|---|-----------------|---------|---|
| 1 | Spring        | 6 | Brake linings   | S10/4   | Right rear brake wear sensor                      |
| 2 | Brake caliper | 7 | Brake hose      | S10/4x1 | Right rear brake wear sensor electrical connector |
| 3 | Caps          | 8 | Caliper support |         |   |
| 4 | Boots         | 9 | Brake disk      |         |   |








- 01 Pusher tool  
 2 Brake caliper  
 5 Guide pin




P42.10-2617-11

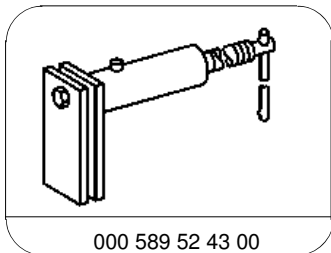
⚠ Warning	<b>Risk of injury.</b> Skin or eye injuries may result when handling hot or glowing objects.	Wear protective gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
⚠ Caution	<b>Risk of poisoning</b> from swallowing brake fluid. <b>Risk of injury</b> from skin and eye 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
	Notes on repairs to brake system		AH42.00-P-0003-01A
	Brake fluid notes		AH42.50-P-0001-01A
🧼	<b>Clean</b>		
1	Clean the area around the cap of the brake fluid reservoir	Assembly cleaner	*BR00.45-Z-1028-04A
🔧 🔩	<b>Remove/install</b>		

2	Unscrew cap of brake fluid reservoir and extract some brake fluid	 This prevents the brake fluid reservoir overflowing when the brake piston is pushed back.	
3  	Remove corresponding rear wheel	Model 207 Model 212 (except 212.074/075/076/077/092/274/275/276/277/292)	AP40.10-P-4050CW AP40.10-P-4050EW
4	Detach spring (1) from brake caliper (2)		
5	Disconnect electrical connector of right rear brake wear sensor (S10/4x1) Notes on installing brake wear indicator contact sensors	 Only fitted on the right-hand side.	AH42.10-P-0003-01CW
6	Pry cap (3) off upper boot (4) and remove		
7	Unscrew guide pins (5)	 Guide pin to brake caliper support or bolt for guide pin to brake caliper	*BA42.10-P-1004-12J
8	Remove brake caliper (2) from brake caliper support (8)	 Do not tension or kink brake hose (7). To relieve the load on the brake hose (7), secure the brake caliper (2) to the vehicle free of tension. Otherwise, the brake hose (7) will be damaged.	
9	Remove brakepads (6)	 <b>Installation:</b> Insert the inner brake lining (6) with riveted-on spring into the brake piston. Push outer brakepad (6) into brake caliper support (8) and attach brake caliper (2).  Only sets of brakepads (6) approved by Mercedes-Benz may be installed.  <b>Installation:</b> Do <b>not</b> apply brake paste or lubricants to the brakepads (6) and brake calipers (2)!  Brakepads (6) must be disposed of as special waste. The local authorities can provide information regarding whether disposal is also permitted as industrial waste similar to domestic waste.	
10	Press back brake piston using pusher tool (01)	 Resetting device If a brake piston is sluggish ↓ Replace brake caliper (2).	*000589524300 AR42.10-P-0080EW
11	Pull right rear brake wear sensor (S10/4) out of backing plate of brakepads (6)	When replacing the brakepads (6) or the right rear brake wear sensor (S10/4).  <b>Installation:</b> Replace defective right rear brake lining wear sensor (S10/4).	
	<b>Check</b>		
12  	Check brakepads (6) for condition and wear	Model 207 Model 212 (except 212.074/075/076/077/092/274/275/276/277/292) In event of damage or excessive wear ↓ Install new brake disks (9).  Only sets of brake disks (9) approved by Mercedes-Benz may be installed.	AP42.10-P-4252CA AP42.10-P-4252EW AR42.10-P-0240EW
13 	Check brake disk (9) for wear and that it is in good condition	Model 207 Model 212 (except 212.074/075/076/077/092/274/275/276/277/292) except code B07 (Ceramic brake system) In event of damage or excessive wear ↓ Install new brake disks (9).  Only sets of brake disks (9) approved by Mercedes-Benz may be installed.	AP42.10-P-4258EW AR42.10-P-0240EW
14	Check brake caliper (2) for leaks and dust boot (10) for damage	 Replace brake caliper (2) if necessary.	

15	Check spring (1) for deformation	 Replace spring (1) if necessary.	
	<b>Clean</b>		
16	Clean contact surfaces of brakepads (6) on brake caliper (2)	 Do not use sharp-edged or pointed objects. Otherwise the brake caliper (2) or the dust boots of the brake pistons could be damaged. Assembly cleaner	*BR00.45-Z-1028-04A
17	Install in the reverse order		
18	<b>Risk of accident</b> 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 linings (6) make contact with brake disks (9)	Before starting the engine, actuate brake pedal several times until pressure is built up and maintained in the brake system.  Firm resistance should be noticeable at the brake pedal.	AS42.50-Z-0002-01A
	<b>Check</b>		
19	Check and correct fluid level in brake fluid expansion reservoir		AP42.10-P-4210EW
			AS42.00-Z-0001-01A
20	Carry out brake test on the test stand	Never leave the vehicle unattended on the rollers except in an emergency. Ensure that no one is under the vehicle or near rotating parts during testing. In case of emergency, use the EMERGENCY OFF switch to shut down test stand.	AP42.00-P-4290BA
			

 Rear axle brake caliper

Number	Designation	Model 207	Model 212
BA42.10-P-1004-12J	Guide pin to brake caliper support or bolt for guide pin to brake caliperNm	25	25



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 <a href="http://www.wuerth.de">http://www.wuerth.de</a>