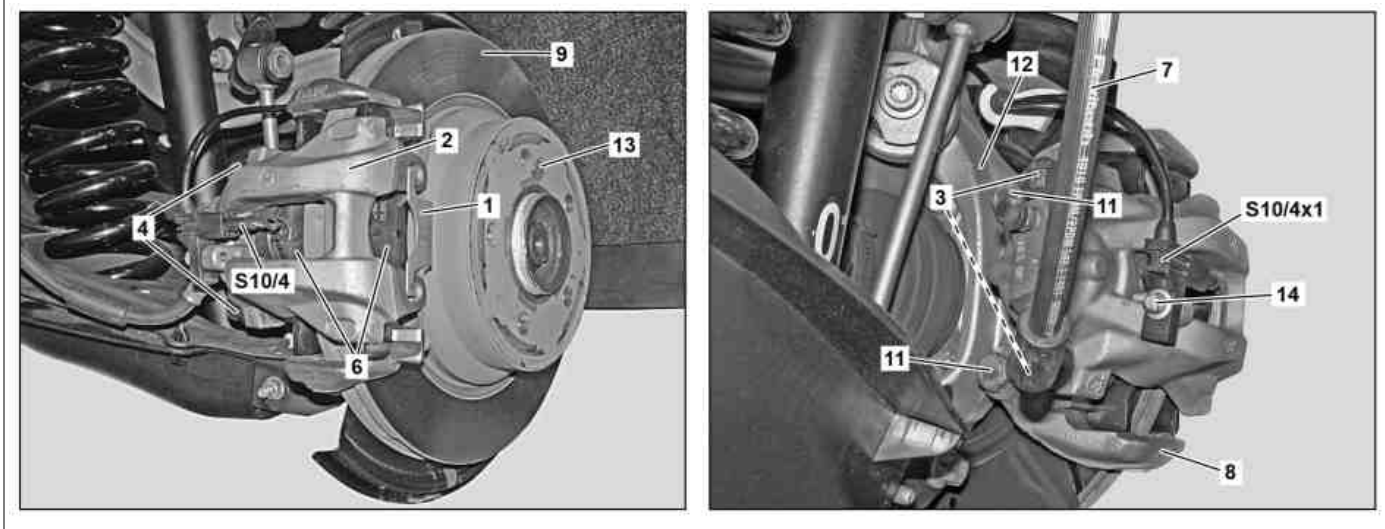


MODEL 207, 212 (except 212.074/075/076/077/092/274/275/276/277/292)

Modification notes

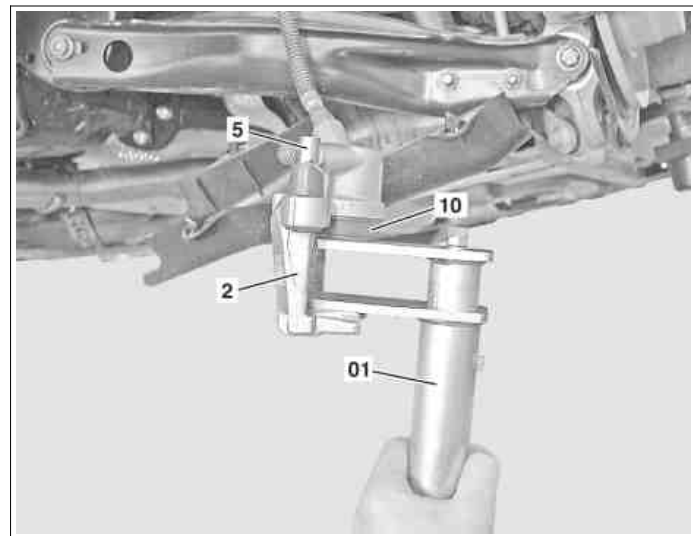
29.11.11	Long-life grease repair materials replaced by hot-grease paste	Step 21	
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P42.10-2761-08

























1	Spring	7	Brake hose	13	Safety screw
2	Brake caliper	8	Caliper support	14	Screw
3	Protective caps	9	Brake disk	S10/4	Right rear brake wear sensor
4	Boots	11	Bolts	S10/4x1	Right rear brake wear sensor electrical connector
6	Brake pads	12	Wheel carrier		

01	Pusher tool
2	Brake caliper
5	Guide pin
10	Dust boot



P42.10-2617-11

	Remove/install		
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	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
1	Clean area around cap on expansion reservoir for brake fluid		
2	Unscrew the cap on the brake fluid expansion reservoir and suction off some brake fluid	 In order to prevent the expansion reservoir overflowing when pressing back the brake pistons.	
3	Remove rear wheels	MODEL 207 MODEL 212	AP40.10-P-4050CW AP40.10-P-4050EW
4	Detach spring (1) from brake caliper (2)		
5	Detach brake wear sensor (S10/4) from electrical connector (S10/4x1)	 Brake wear sensor is only fitted on the right side.	
6	Pry off and remove protective caps (3) from boots (4)		
7	Remove both guide pins (5)	 Guide pin to brake caliper support	*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), fasten the brake caliper (2) to the vehicle free of tension. Otherwise, the brake hose (7) will be damaged.	
9	Take out brake pads (6)	 Installation: Insert inner brake pad (6) with riveted-on spring in brake piston. Insert outer brake pad (6) into brake caliper support (8) and mount brake caliper (2).  Only complete sets of brake pads (6) approved by Mercedes-Benz may be installed.  Installation: Do not apply brake pastes or lubricants to the brake pads (6) and brake calipers (2)!  Brake pads (6) are to 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.	
	Measure		
10	Check brake pads (6) and brake disk (9) for condition and measure wear Check brake lining thickness Inspect condition of brake disks	ENGINE 207, 212 ENGINE 207, 212	AP42.10-P-4253A AP42.10-P-4258EW
11	Check brake caliper (2) and dust boot (10) on brake piston for damage	 If damaged, replace brake caliper (2).	
12	Check boots (4) on brake caliper (2) for damage	 Replace if damaged.	
13	Press back brake piston using pusher tool (01)	 If brake piston is sluggish, replace brake caliper (2).  Resetting device	*000589524300
	Clean		
14	Clean contact surfaces of brake pads (6) on brake caliper (2) and brake caliper support (8) using rags	 Do not damage the dust boot (10) at the brake piston, do not use any sharp-edged or pointed objects. Otherwise, the brake caliper (2) or brake caliper support (8) will be damaged and have to be replaced. Cleaner from package	*BR00.45-Z-1028-04A
15	Pull brake wear sensor (S10/4) out of pad backing plate of brake pad (6)	 Brake wear sensor is only fitted on the right side.  Installation: Replace the defective brake wear sensor (S10/4).	
	Only carry out steps 16 and 17 when removing/installing the brake caliper (2)		
16	Remove bolt (14) and remove electrical connector (S10/4x1) from the brake caliper (2)	 Only fitted on the right-hand side.  Bolt, brake lining contact sensor to brake	*BA42.10-P-1003-12J

17	Detach brake hose (7) from brake caliper (2)	When replacing the brake caliper (2) Replace brake hoses ⓘ Seal connections immediately. To avoid damage through escaping brake fluid. Ⓜ Record plug	AR42.10-P-0013EW *129589009100
	Only carry out steps 18 to 21 when removing/installing the brake disk (9)		
18	Remove bolts (11) from wheel carrier (12) and remove brake caliper support (8)	Nm Self-locking bolt, brake caliper to wheel carrier Ⓜ Socket	*BA42.10-P-1001-12J *221589030900
19	Remove security bolt (13) from rear wheel hub and remove brake disk (9)	ⓘ If the parking brake drums are run in turn back parking brake adjuster. Otherwise, the parking brake shoes will be damaged. Nm Safety bolt, rear axle brake disk to flange If the parking brake drums are run in: ↓ Adjust parking brake	*BA42.10-P-1001-06H AR42.20-P-0540EW
Ⓜ	Clean		
20	Clean contact surface and interference fit of brake disk (9)		
21	Lightly grease interference fit of brake disk (9)	Paste, hot lubrication 1 kg, DB supply specification 6879.20	*BR00.45-Z-1005-06A
22	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 engine, actuate brake pedal several times until pressure is built up and maintained in the brake system.	AS42.50-Z-0002-01A
23	Operate the brake pedal several times until the brake pads (6) abut the brake disks (9)	ⓘ Firm resistance should be noticeable at the brake pedal.	
24	Check fluid level in brake fluid reservoir, and correct if necessary		AP42.10-P-4210EW
Ⓜ AP	Carry out brake test on the test stand		AP42.00-P-4290BA

Nm Rear axle brake caliper

Number	Designation		MODEL 212	MODEL 207
BA42.10-P-1001-12J	Self-locking bolt, brake caliper to wheel carrier	Nm	115	115

Nm Brake disks, brake cover plate

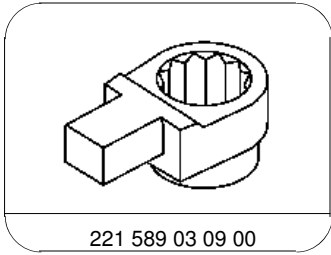
Number	Designation		MODEL 207	MODEL 212
BA42.10-P-1001-06H	Safety bolt, rear axle brake disk to flange	Nm	10	10

Nm Rear axle brake caliper

Number	Designation		MODEL 212	MODEL 207
BA42.10-P-1004-12J	Guide pin to brake caliper support	Nm	25	25

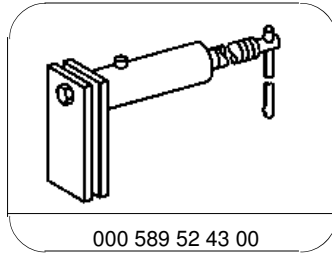
Nm Rear axle brake caliper

Number	Designation		MODEL 212	MODEL 207
BA42.10-P-1003-12J	Bolt, brake lining contact sensor to brake caliper	Nm	8	8



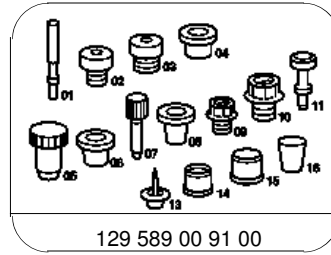
221 589 03 09 00

Socket



000 589 52 43 00

Resetting device



129 589 00 91 00

Record plug

Repair materials

Number	Designation	Order number
BR00.45-Z-1005-06A	Paste, hot lubrication 1 kg, DB supply specification 6879.20	A 000 989 76 51
BR00.45-Z-1028-04A	Cleaner from package	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