

P42.10-2082-09

030 Brake caliper brush
031 Pusher tool
034 Lever

035 Drift
31 Brake caliper
41 Retaining pin

43 Brake pad
47 Brake piston

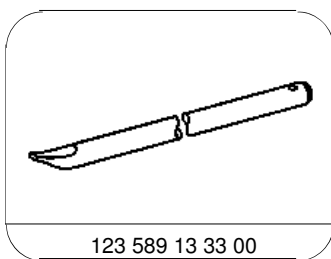
S10/4 Right rear brake pad contact sensor

Modification notes

23.9.08	Coat brake paste, added	Step 9	
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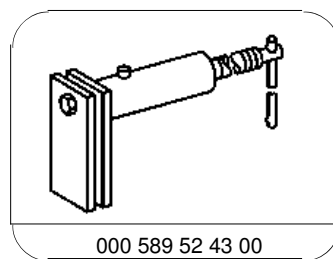
	Remove/install		
Danger!	Risk of poisoning caused by swallowing brake fluid. Risk of injury caused by brake fluid coming into contact with skin and eyes.	Only pour brake fluid into suitable and appropriately marked containers. Wear protective clothing and eye protection when handling brake fluid.	AS42.50-Z-0001-01A
Danger!	Risk of injury to skin and eyes caused by handling hot or glowing objects.	Wear safety 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
1	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 (47)	
2 	Remove rear wheels Remove/install wheels, rotate if necessary		AP40.10-P-4050Z
3 	Remove right rear brake pad contact sensor (S10/4) Notes on installing brake pad wear sensor contact sensors	Installation: Replace defective right rear brake pad contact sensor (S10/4).	AH42.10-P-0003-01A
4	Using punch (035) hammer out retaining pin (41) and remove retaining springs	Installation: Hammer in retaining pin (41) as far as the stop.	
5	Pull brake pads (43) out of the brake caliper (31)	When pressing out firmly seated brake pads (43), insert wedge between lever and brake caliper (31) to prevent damage. Brake pads (43) 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. Installation: Only sets of brake pads (43) approved by Mercedes-Benz may be installed. Lever Wedge	*123589133300 *601589076300

	Checking		
6	<p>Check brake pad thickness and brake disks</p> <p> AP Inspect condition of brake disks</p> <p> AP Check brake lining thickness</p>	<p> Replace brake pads (43) and brake disks in sets if necessary.</p> <p>Model 203</p> <p>Model 209</p> <p>Model 203</p> <p>Model 209</p> <p> If the brake pads (43) have worn down to beyond the wear limit, the bar between the sealing groove and dust cap may be damaged; therefore: ↓</p> <p>Inspect brake system for leaks with pressure tester.</p>	<p>AP42.10-P-4258BP</p> <p>AP42.10-P-4258BQ</p> <p>AP42.10-P-4253P</p> <p>AP42.10-P-4253A</p> <p>AR42.10-P-0015A</p>
7	<p>Press back brake piston (47) using resetting device (031)</p>	<p> Do not deform heat shield.</p> <p>If brake pads (43) have been removed from several brake calipers (31), their brake pistons (47) must be secured beforehand with wedges to prevent them from falling out . If brake pistons (47) are sluggish: ↓</p> <p>Replace brake caliper (31):</p> <p>Model 203, Model 209.316/ 341/ 342/ 343/ 361/ 365/ 372/ 375/ 441/ 442/ 461/ 465/ 472/ 475 Model 209.376 /476 up to 23.4.04 Model 209.376 /476 as of 24.4.04, model 209.377 /477 Model 209.308 /320 /354 /356 /420 /454 /456</p> <p> Resetting device</p> <p> Wedge</p>	<p>AR42.10-P-0080P</p> <p>AR42.10-P-0080AC</p> <p>*000589524300</p> <p>*601589076300</p>
	Clean		
8	<p>Clean contact surfaces of brake pads (43) using brake caliper brush (030)</p>	<p> Do not damage boots of brake pistons (47).</p> <p> Brake caliper brush</p>	<p>*000589266800</p>
9	<p>Coat brake paste</p>	<p>except model 203.018/076/218/265/276/718, except model 209.376/377/476/477</p> <p> Only use the brake paste listed in the linked description and only coat this on the specified points otherwise noise complaints or damage to the brake system may occur</p> <p>MB Never Sieze brake paste (gray)</p>	<p>AR42.10-P-0161-01B</p> <p>*BR00.45-Z-1083-06A</p>
10	<p>Install in the reverse order</p>		
Danger!	<p>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</p>	<p>Before starting engine, actuate brake pedal several times until the pressure is built up and maintained in the brake system.</p>	<p>AS42.50-Z-0002-01A</p>
11	<p>Operate the brake pedal several times until the brake pads (43) contact the brake disks</p>	<p> Firm resistance should be noticeable at the brake pedal.</p>	
	Checking		
12	<p>Check brake fluid level, correct if necessary</p> <p> AP Brake system - inspect fluid level</p>		<p>AP42.10-P-4210Z</p>



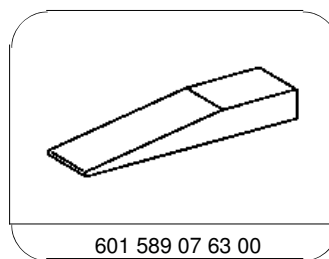
123 589 13 33 00

Lever



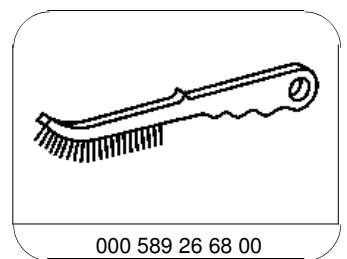
000 589 52 43 00

Pusher tool



601 589 07 63 00

Wedge



000 589 26 68 00

Brake caliper brush

Repair materials

Number	Designation	Order number
BR00.45-Z-1083-06A	MB Never Sieze brake paste (gray)	A 001 989 94 51 12