


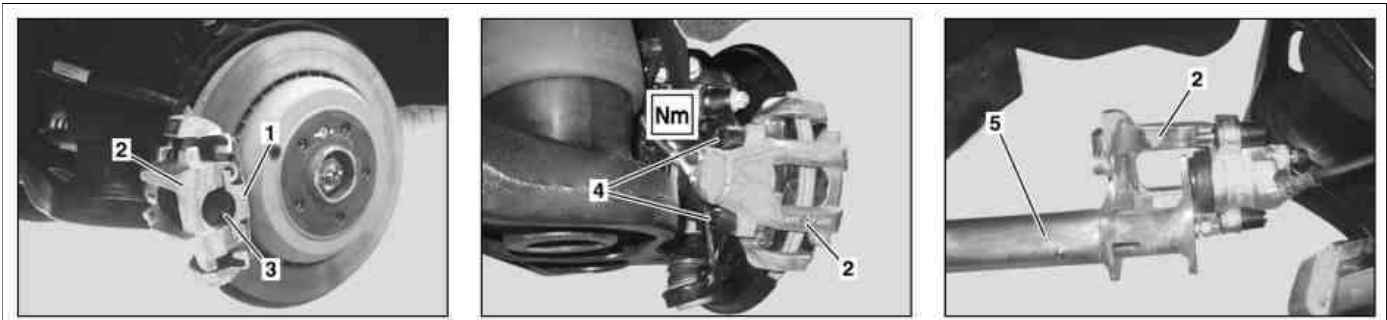
P42.10-2451-07

Front axle

- 1 Spring steel sheet
- 2 Floating caliper

- 3 Brake pad
- 4 Protective cap

- 5  Pusher tool




P42.10-2452-07

Rear axle















- 1 Spring steel sheet
- 2 Floating caliper

- 3 Brake pad
- 4 Protective cap

- 5  Pusher tool

Modification notes

23.9.08	Apply brake paste, added	Step 15	
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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
	Brake fluid notes		AH42.50-P-0001-01A
	Notes on repairs to brake system		AH42.00-P-0003-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
1	Reduce fluid level in brake fluid reservoir to "MIN" mark	 In order to prevent the brake fluid reservoir overflowing when pushing back the brake pistons.	
2 	Remove wheels Remove/install wheels, rotate if necessary		AP40.10-P-4050Z
3	Disconnect electrical connector of the brake pad contact sensor		
4	Pry off spring steel sheet (1) and remove		
5	Remove protective caps (4) and unscrew bolts of guide pins	 Installation: Install new bolts.  	*BA42.10-P-1002-10L *BA42.10-P-1003-12L
6	Remove floating brake caliper (2) with brake pads (3)	 Do not tension or kink brake hose. To relieve the load on the brake hose attach the floating brake caliper (2) to the vehicle unstressed, otherwise the brake hose will be damaged.	
	Notes on installing brake hoses	 Installation: Check the correct routing of the brake hose.	AH42.10-P-9406-01GZ

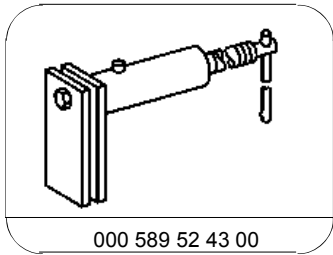
7	Remove brake pads (3) from floating brake caliper (2)	<p>i Brake pads (3) are to be disposed of as special waste. The local authorities can provide information regarding whether disposal is also permitted as industrial waste similar to domestic waste.</p> <p>i Only brake pads approved by Mercedes-Benz (3) may be fitted in sets.</p>	
	Checking		
8	<p>Check brake pad thickness and brake disks</p> <p>AP</p> <p>AP</p> <p>Check brake lining thickness</p> <p>Inspect condition of brake disks</p>	<p>i Replace brake pads (3) and brake disks in sets if necessary.</p>	<p>AP42.10-P-4253A</p> <p>AP42.10-P-4258GZ</p>
9	<p>Pull brake pad contact sensor out of the pad backing plate of the brake pad (3) and check</p> <p>i</p> <p>Notes on installing brake pad wear sensor contact sensors</p>	<p>i Check for damage, replace contact sensor if necessary.</p>	AH42.10-P-0003-01GZ
10	Check guide pins and boots	<p>i Check guide pins for sluggishness and damage. Check boots for damage and loose seat. Replace damaged parts with new parts.</p>	
11	Check floating brake caliper (2)	<p>i In the event of a leaky floating brake caliper (2) or damaged dust boot: ↓ Install new front axle brake caliper. Replace rear axle brake caliper.</p>	<p>AR42.10-P-0070GZ</p> <p>AR42.10-P-0080GZ</p>
12	Press back brake piston using pusher tool (5)	<p>i If the brake piston is difficult to move: ↓ Install new front axle brake caliper. Replace rear axle brake caliper.</p> <p></p>	<p>AR42.10-P-0070GZ</p> <p>AR42.10-P-0080GZ</p> <p>*000589524300</p>
13	Check fall of the dust boot	<p>i If the dust boot projects beyond the brake piston, position the dust boot correctly.</p>	
	Clean		
14	Clean the contact surfaces of brake pads (3) on floating brake caliper (2) and floating caliper carrier with a rag	<p>i Installation: In the process do not damage the dust boot and boots. Do not use any sharp-edged or pointed tools, otherwise the floating brake caliper (2) or floating caliper carrier will be damaged. Cleaner from package</p>	*BR00.45-Z-1028-04A
15	Apply brake paste	<p>Except model 164.177</p> <p>i Only use the brake paste listed in the linked description, and apply it solely at the specified positions, otherwise there may be problems with noise or damage to the brake system! MB Plastilube brake paste (brownish)</p>	<p>AR42.10-P-0161-01B</p> <p>*BR00.45-Z-1084-06A</p>
16	Install in the reverse order		
⚠ 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>	AS42.50-Z-0002-01A
17	Operate the brake pedal several times until the brake pads (3) contact the brake disks	<p>i Firm resistance should be noticeable at the brake pedal.</p>	
18	<p>Check brake fluid level, correct if necessary</p> <p>AP</p> <p>Brake system - inspect fluid level</p>		AP42.10-P-4210GZ

Nm Front axle brake caliper

Number	Designation		Model 164 except 164.177	Model 164.177
BA42.10-P-1002-10L	Guide pin on caliper support	Nm	55	30

Nm Rear axle brake caliper

Number	Designation	Model 164
BA42.10-P-1003-12L	Guide pin on caliper support	Nm 25



Pusher tool

Repair materials

Number	Designation	Order number
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
BR00.45-Z-1084-06A	MB Plastilube brake paste (brownish)	A 002 989 37 51