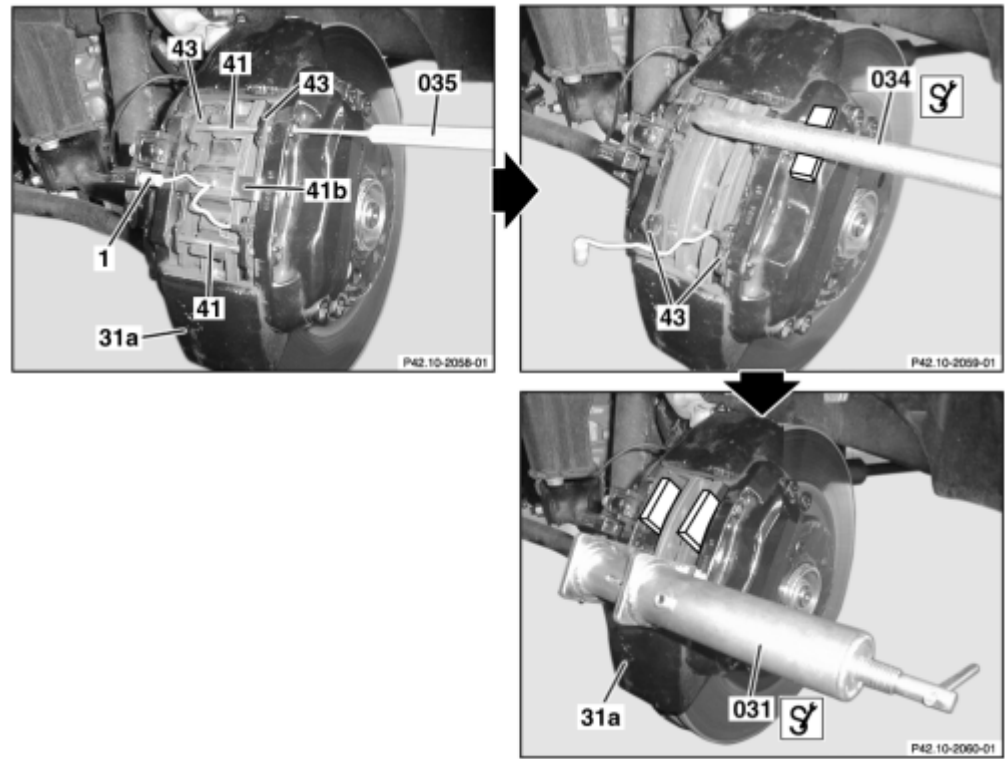


AR42.10-P-0161GI	Removing and installing brake pads on fixed caliper	1.7.99
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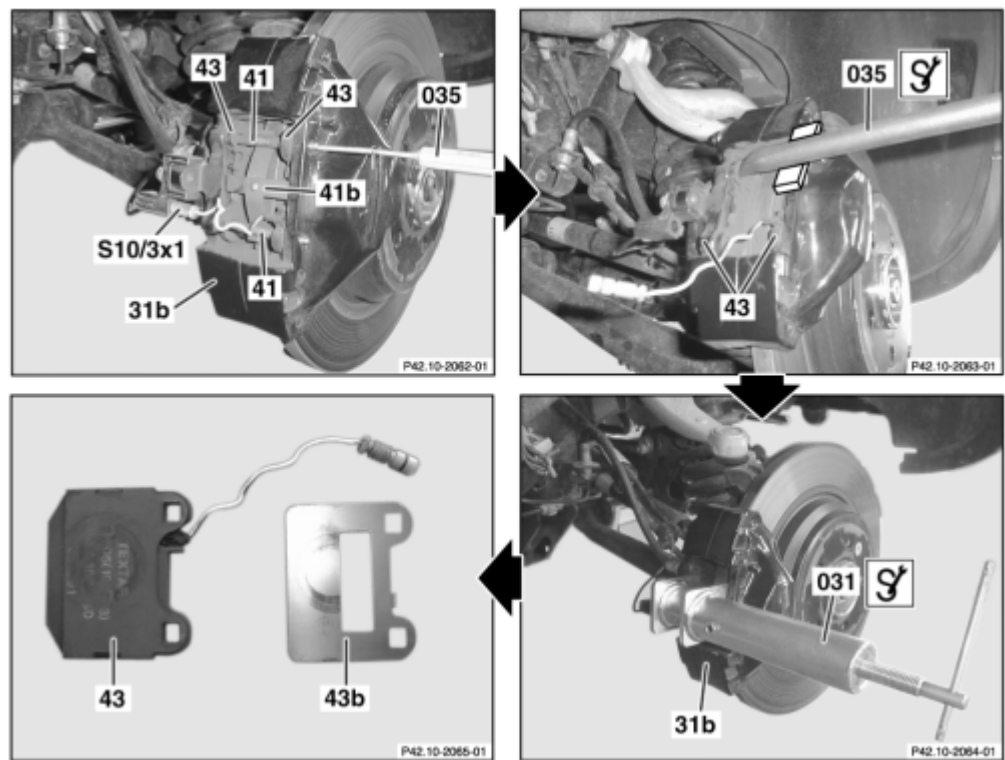
MODEL 163.154 /157 /172 /174 /175

Front axle




















P42.10-2061-06







Rear axle



P42.10-2066-06

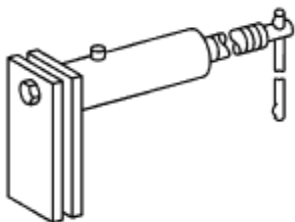
	Remove/Install		
Danger!	Risk of poisoning from swallowing brake fluid. Risk of injury from skin and eye contact with brake fluid.	Pour brake fluid only into suitable and appropriately marked containers. Wear protective clothing and eye protection when handling brake fluid.	AS42.50-Z-0001-01A
	Notes on brake fluid	All models	AH42.50-P-0001-01A
	Notes on repairs to brake system	All models	AH42.00-P-0003-01A
1	Remove wheels		

	Remove/install wheels, rotate if necessary		AP40.10-P-4050GH
	Inspecting		
2	Check lining thickness of brake pads and condition of brake disks		
	Check lining thickness of brake pads and condition of brake disks.		AP42.10-P-4251GH
		 If the brake pads are worn down beyond the permissible wear limit, the web between sealing groove and dust cap may be damaged:↓	
		Inspect brake system for leaks with pressure tester.	AR42.10-P-0015GH
3	Check fixed caliper (31a, 31b) for leaks and dust seal for damage	 If the fixed caliper is leaking or the dust seal is damaged:↓	
		Replace fixed caliper on front axle.	AR42.10-P-0070GI
		Replace fixed caliper on rear axle.	AR42.10-P-0080GI
	Remove/Install		
4.1	Unplug brake pad contact sensor connector (1) from plug connection and brake pad.	If installed.  Installation: Defective contact sensors must be replaced.	
	Notes on installing contact sensor for brake lining wear indicator	Model 163	AH42.10-P-0003-01A
5	Drive out retaining pins (41) using a suitable drift punch (035)	 Installation: Drive in retaining pins as far as the stop using a suitable drift. Loose retaining pins must be replaced.	
6	Remove retaining spring (41b)		
7	Pull brake pads (43) out of fixed caliper (31a or 31b)	 When pressing out the brake pads, insert a suitable wooden or plastic wedge between the lever and the fixed caliper.	
		 Installation: Brake pads (43) with niro panel (43b) must be lubricated before installation: ↓	AR42.10-P-0161-01GH
		Molykote Cu-7439 brake pad paste	BR00.45-Z-1066-06A
		 Brake pads are to be disposed of as special waste. Please ask local authorities if it is permitted to dispose of these parts as household-like industrial refuse.  Only brake pad kits approved by Mercedes Benz must be installed.  If necessary, use the lever (034) to press out the brake pads if they are stuck:↓	
		 Lever	123 589 13 33 00
8	Press back piston using resetting device (031)	 Draw off some brake fluid beforehand if necessary to prevent the brake fluid overflowing when pressing back the piston.  On 4-piston fixed calipers on the front axle, secure one pair of upper and lower pistons with plastic wedges to prevent them from sliding out. Then press back the other pair of pistons using the resetting device.	

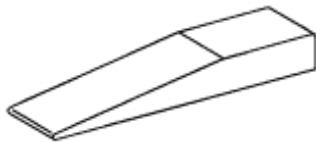
		 Wedge	601 589 07 63 00
		 Resetting device	000 589 52 43 00
		If the piston is difficult to move: ↓	
		Replace fixed caliper on front axle.	AR42.10-P-0070GI
		Replace fixed caliper on rear axle.	AR42.10-P-0080GI
9	Clean brake pad guides	 Do not use sharp or pointed implements to clean.	
10	Install in 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 commissioning the vehicle, operate the brake pedal several times until the pressure in the brake system is built up and maintained.	AS42.50-Z-0002-01A
11	Operate brake pedal several times until brake pads make contact with brake disks (firm resistance can be felt).		
12	Check brake fluid in brake fluid reservoir and correct if necessary	 Fill brake fluid to max. mark on brake fluid reservoir, suction off. ↓	
			BF42.10-P-1001-01A

 **Brake fluid**

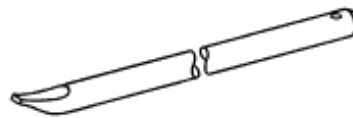
Number	Designation	Model 163		
BF42.10-P-1001-01A	Brake fluid	Filling quantities	Liters	≈0.7-0.9
		Specifications for Service Products	Sheet	BB00.40-P-0330-01A
			Sheet	BB00.40-P-0331-00A



000 589 52 43 00
Resetting device



601 589 07 63 00
Wedge



123 589 13 33 00
Lever

Repair products

Number	Designation	Order number
BR00.45-Z-1066-06A	Molykote Cu-7439 brake pad paste	001 989 87 51