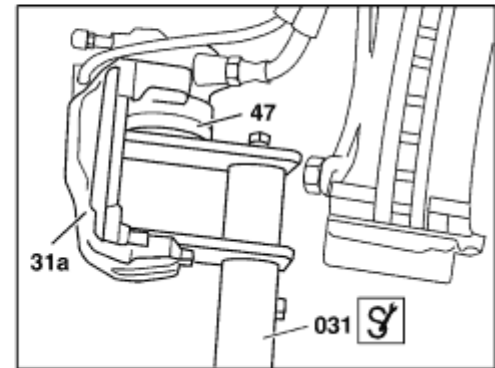
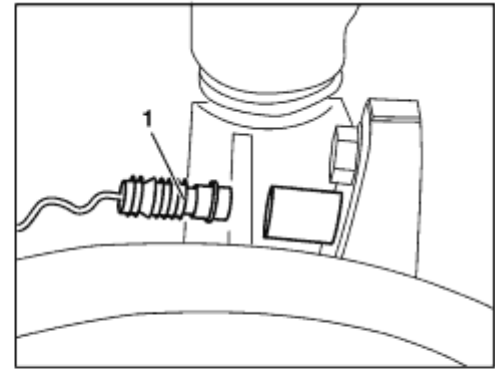
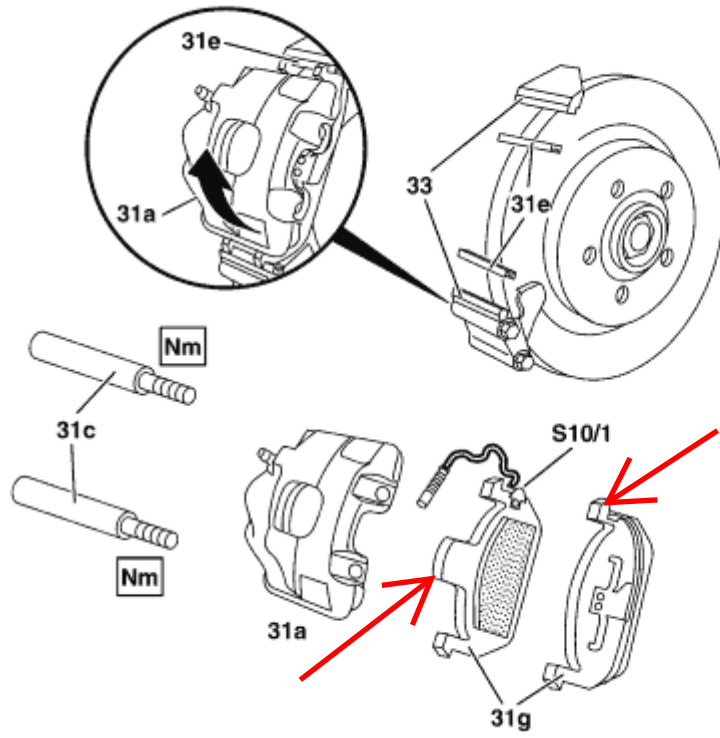


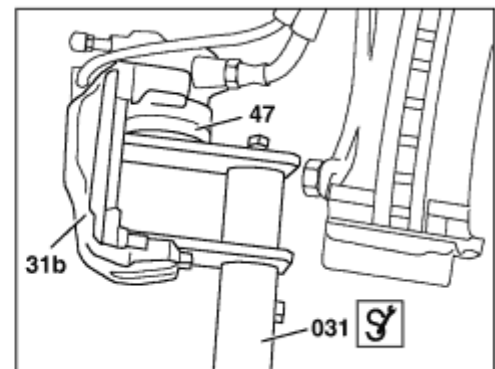
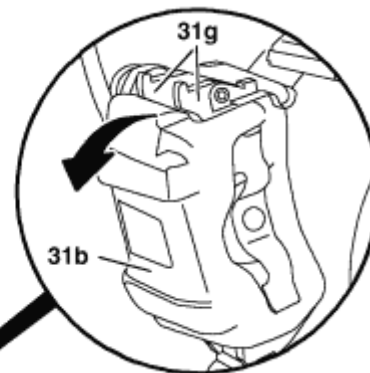
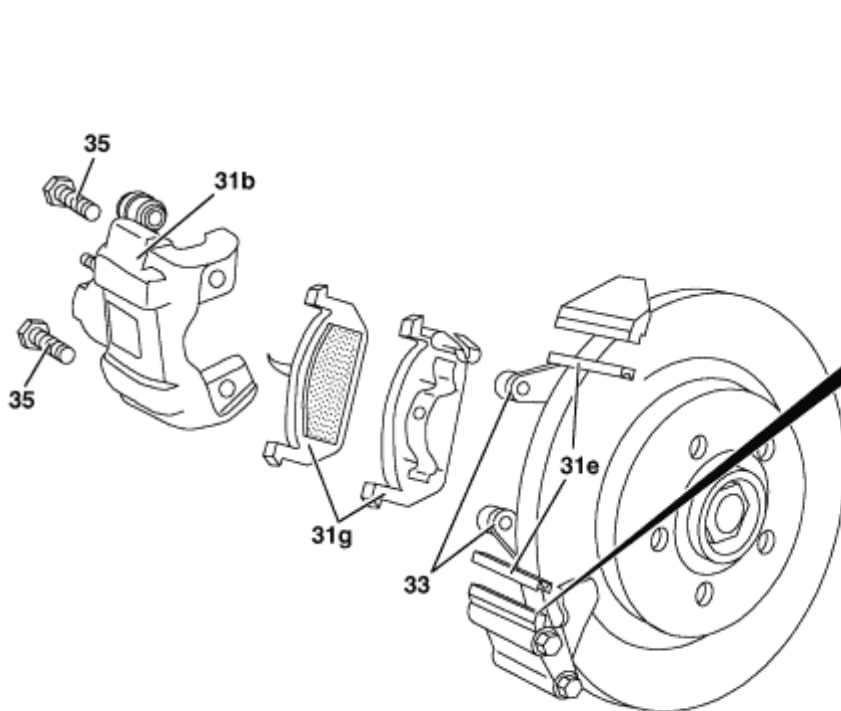
AR42.10-P-0160GH	Remove/install brake pad on floating brake caliper	3.2.97
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MODEL 163.154 #A up to 289564
 MODEL 163.154 /157 with CODE (494a) USA version



P42.10-0449-09




















Front axle











P42.10-0452-09


Rear axle

	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, for this reason: ↓	
		Inspect brake system for leaks with pressure tester.	AR42.10-P-0015GH
3	Check floating caliper (31a, 31b) for leaks and dust seal for damage.	 Visual inspection, if necessary: ↓	
		Repair floating brake caliper.	AR42.10-P-0153GH
	Remove/Install		
4.1	Unplug contact sensor connector (1)	 Only present on left floating caliper.	
5	Unscrew guide bolts (31c) on front axle.	 Installation: Replace the guide bolts.	
			BA42.10-P-1004-03A
6	Remove floating caliper (31a, 31b) from wheel carrier	 Installation: Replace self-locking bolts (35).	
			BA42.10-P-1002-17A
7	Remove floating caliper (31a, 31b) together with brake pads (31g) and fasten to one side	 Hang the floating caliper up to relieve the strain on the brake hose. Front axle: swivel floating caliper (31a) upwards (arrow) and remove. Rear axle: swivel floating caliper (31b) downwards (arrow) and remove.  Leave brake hose connected.	
8	Remove brake pads (31g)	 Brake pads (31g) must be disposed of as special waste. Please ask local authorities if it is permitted to dispose of these parts as household-like industrial refuse.  Installation: Only the brake pads (31g) approved by Mercedes-Benz may be built-in as a set. Brake pads are different, pay attention to installation position.  Insert inner brake pad with riveted spring into piston then insert outer brake pad into floating caliper (31a, 31b) and install floating caliper.	
9.1	Press out left front brake pad contact sensor (S10/1) out of pad backing plate of brake pad (31g)	If installed.  Installation: Replace defective left front brake pad contact sensor (S10/1). Always install contact sensor on inner brake pad.	

	Notes on installing contact sensor for brake lining wear indicator	Model 163	AH42.10-P-0003-01A
10	Press back piston (47) using resetting device (031)	 Draw off some brake fluid beforehand to prevent the brake fluid overflowing when pressing back the piston (47). If the piston is difficult to move: ↓	
		Repair floating caliper.	AR42.10-P-0153GH
		 Resetting device	000 589 52 43 00
11	Clean bearing surface of brake pads (31g) in floating calipers (31a, 31b).	 Brake caliper brush	000 589 26 68 00
12	Remove slide rails (31e).	 Installation: Replace slide rails (31e) of brake pads (31g) at wheel carrier (33).	
13	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
14	Operate brake pedal several times until brake pads make contact with brake discs (firm resistance can be felt).		
15	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

Front axle floating caliper

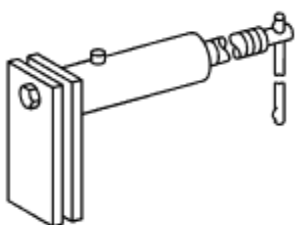
Number	Designation	Model 163.154/157 
BA42.10-P-1004-03A	Guide bolts, floating caliper to brake caliper support #31c Nm	30

Rear axle floating caliper

Number	Designation	Model 163.154/157 	Model 163.154 to VIN A289564
BA42.10-P-1002-17A	Self-locking bolt, floating caliper to wheel carrier #35 Nm	23	23

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



000 589 26 68 00

Brake caliper brush