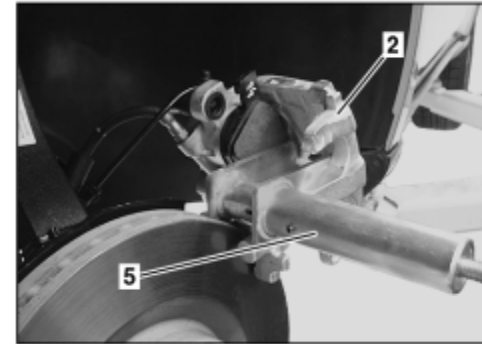
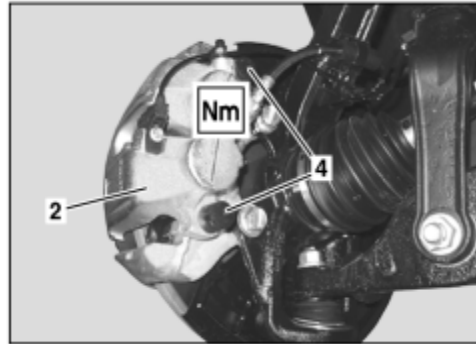
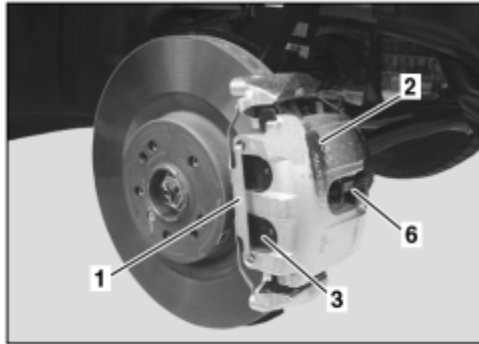


AR42.10-P-0160GZ

Remove/install brake pad on floating brake caliper

31.1.06

MODEL 164



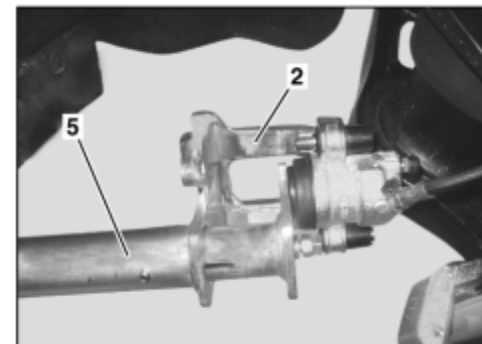
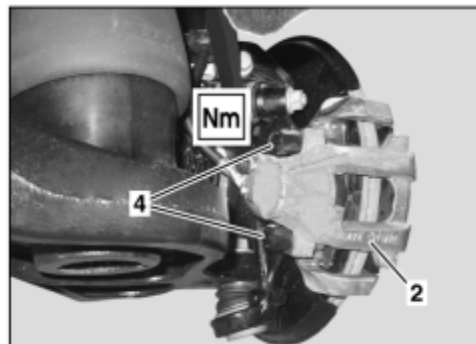
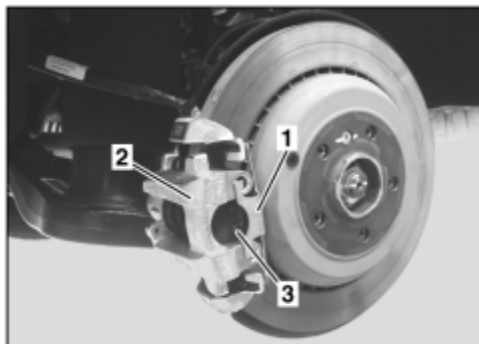
P42.10-2451-07

**Shown on front axle model 164.175**

1 Clamp  
2 Floating caliper

3 Brake pads  
4 Bolts

5 Resetting device  
6 Front brake pad contact sensor
















P42.10-2452-07




**Shown on rear axle model 164.175  
with Airmatic (air suspension with  
level adjustment and adaptive  
damping system ADS), code 489**






1 Clamp  
2 Floating caliper

3 Brake pads  
4 Bolts

5 Resetting device

	<b>Remove/install</b>		
 <b>Danger!</b>	<b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between the columns of the lifting platform and position the four support plates at the lifting platform support points specified by the vehicle manufacturer.	<a href="#">AS00.00-Z-0010-01A</a>
 <b>Danger!</b>	<b>Risk of poisoning</b> caused by swallowing brake fluid. <b>Risk of injury</b> caused by brake fluid coming into contact with skin and eyes.	Pour brake fluid only into suitable and appropriately marked containers. Wear protective clothing and eye protection when handling brake fluid.	<a href="#">AS42.50-Z-0001-01A</a>
	Notes on repairs to brake system	All models	<a href="#">AH42.00-P-0003-01A</a>
1	Lower fluid level in brake fluid reservoir down to "Min" marking	 This prevents brake fluid overflowing from the brake fluid reservoir when pressing back the floating brake caliper pistons, otherwise the brake fluid might damage the paint.	
	Brake fluid notes	All models	<a href="#">AH42.50-P-0001-01A</a>
2	Lift/jack up vehicle		<a href="#">AR00.60-P-1000GZ</a>
3	Remove wheels		
	Remove/install wheels, rotate if necessary		<a href="#">AP40.10-P-4050Z</a>
4.1	Disconnect electrical connector from front brake pad contact sensor (6)	 If present.	
5	Use a suitable tool to lever out the clip (1)		
6	Remove protective caps and remove screw (4) of guide pins underneath	 <b>Installation:</b> Install new bolts (4).	
			<a href="#">BA42.10-P-1002-03F</a>
			<a href="#">BA42.10-P-1003-17I</a>
		 Socket 9 mm	<a href="#">WH58.30-Z-1025-06A</a>
		 Socket 3/8"	<a href="#">WH58.30-Z-1019-06A</a>

7	Remove floating brake caliper (2) together with brake pads (3) and hang up to one side	<b>i</b> Do not exert tension on brake hose. Hang floating brake caliper (2) to one side to relieve the load on the brake hose. Do not detach brake hose	
8	Remove brake pads (3) from floating brake caliper (2)	<b>i</b> 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.	
		<b>i</b> Only complete sets of brake pads (3) approved by Mercedes-Benz may be installed.	
	<b>Measure</b>		
9	Measure lining thickness of brake pads (3) and check condition of brake disks		
	Check lining thickness of brake pads and condition of brake disks		<a href="#">AP42.10-P-4251GZ</a>
	<b>Checking</b>		
10	Check upper and lower bellows for damage as well as lower and upper guide bolts for ease of movement	<b>i</b> Replace defective parts.	
11	Check floating caliper (2) for leaks and dust seal for damage	<b>i</b> In the event of a leaky floating brake caliper (2) or damaged dust boot: ↓	
		Remove/install front axle brake caliper	<a href="#">AR42.10-P-0070GZ</a>
		Remove/install rear axle brake caliper	<a href="#">AR42.10-P-0080GZ</a>
12	Pull the front brake pad contact sensor (6) out of the pad backing plate of the correspond brake pad	<b>i</b> <b>Installation:</b> Replace defective front brake pad contact sensors.	
<b>i</b>	Notes on installing brake pad wear sensor contact sensors		<a href="#">AH42.10-P-0003-01GZ</a>
13	Press back piston using resetting device (5)	<b>i</b> If the piston is difficult to move: ↓	
		Remove/install front axle brake caliper	<a href="#">AR42.10-P-0070GZ</a>

		Remove/install rear axle brake caliper	<a href="#">AR42.10-P-0080GZ</a>
		 Resetting device	<a href="#">000 589 52 43 00</a>
14	Check fold formation of dust boot	 After pushing back the piston should the dust boot project beyond the piston, this should be moved into the correct position.	
	<b>Clean</b>		
15	Clean the contact surfaces of brake pads (3) on floating brake caliper (2)	 <b>Installation:</b> Do not use any sharp-edged or pointed objects for cleaning the contact surfaces. Install brake pads (3) without grease.	
16	Install in the reverse order		
17	Check fluid level in brake fluid reservoir and correct if necessary	 Brake fluid	<a href="#">BF42.10-P-1001-01G</a>

 **Front axle floating caliper**

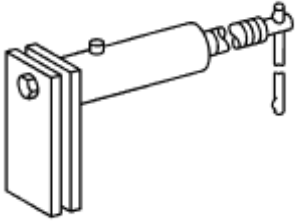
Number	Designation		Model 164 except 164.177	Model 164.177
BA42.10-P-1002-03F	Guide pin on caliper support		Nm 55	30

 **Rear axle floating caliper**

Number	Designation		Model 164.1/8
BA42.10-P-1003-17I	Guide pin on caliper support		Nm 25

 **Brake fluid**

Number	Designation		Model 164.1/8
BF42.10-P-1001-01G	Brake fluid	Filling capacity	Liters ≈0.8
		Specifications for Operating Fluids	Sheet <a href="#">BB00.40-P-0330-01A</a>
			Sheet <a href="#">BB00.40-P-0331-00A</a>



000 589 52 43 00

Resetting device

**Commercially available tools**

Number	Designation	
WH58.30-Z-1019-06A	Socket 3/8" for hexagon socket head screw SW7	
WH58.30-Z-1025-06A	Socket, 9 mm hexagon socket	