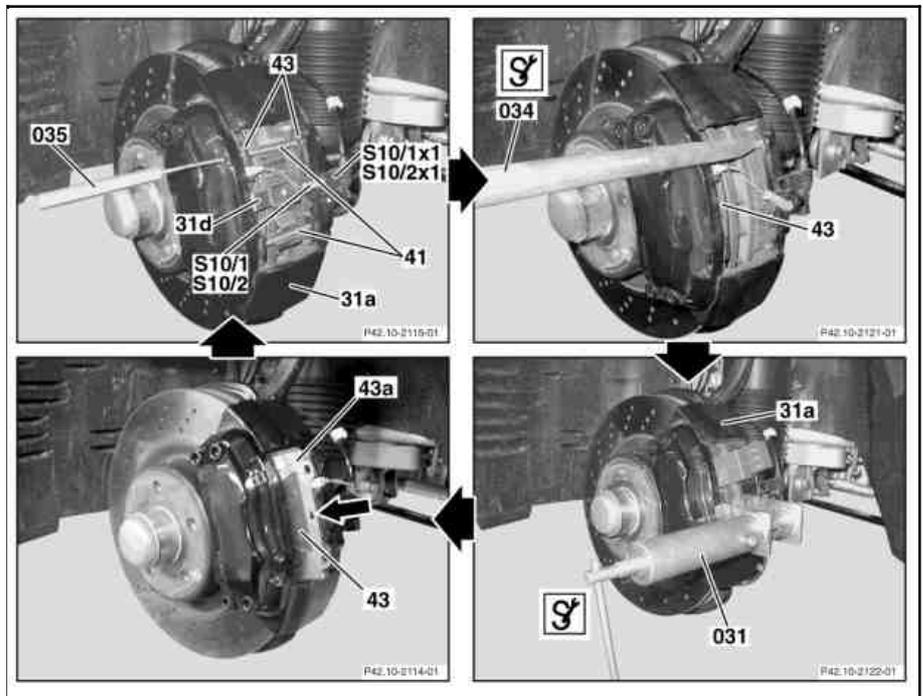


MODEL 211.026 up to 31.8.03,
211.028 /029 /056,
211.065 up to 31.8.03,
211.070 /072 /223 /226 /256 /265 /270 /272 /616 /620
MODEL 211.041 /241
with CODE (950) EVOLUTION AMG sport package
with CODE (952) Sport package
MODEL 230.456 /467 /471 /475
MODEL 211.252 /254
except CODE (494) California version
except CODE (498) Japan version
except CODE (625) Australia version
MODEL 211.052 /054
with CODE (950) EVOLUTION AMG sport package
with CODE (952) Sport package
MODEL 211.057 /257 except CODE (494) California version
MODEL 211.024
with CODE (Z04) Light armoring
with CODE (950) EVOLUTION AMG sport package
with CODE (952) Sport package

- 031 Pusher tool
- 034 Lever
- 035 Drift
- 31a Fixed caliper
- 31d Retaining spring
- 41 Retaining pins
- 43 Brake pad
- 43a Panel

- S10/1 Left front brake pad contact sensor
- S10/1x1 Left front brake pad contact sensor connector
- S10/2 Right front brake pad contact sensor
- S10/2x1 Right front brake pad contact sensor connector



P42.10-2124-06

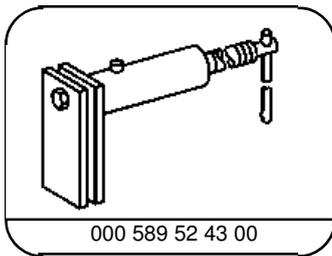
	Remove/install		
Danger!	Risk of injury caused by body parts being jammed or crushed. Risk of injury to skin and eyes caused by brake fluid spraying out at high pressure when working on the SBC brake system	Deactivate SBC brake system using STAR DIAGNOSIS.	AS42.46-Z-0001-01A
Danger!	Risk of poisoning 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
1	Deactivate SBC brake system using STAR DIAGNOSIS.	Vehicles with Sensotronic Brake Control (SBC)	

		<p>i The following steps should be run through in STAR DIAGNOSIS: Select menu item "SBC Sensoronic Brake Control"/"Deactivate 'SBC' system". Then process all the individual steps from top to bottom.</p>	
2	Lower brake fluid level in brake fluid reservoir down to "MIN" mark	<p>i In order to prevent the expansion reservoir overflowing when pressing back the brake pistons.</p> <p>Nm</p>	*BA42.50-P-1001-01D
3	<p>AP</p> <p>Remove the front wheels Remove/install wheels</p>		AP40.10-P-4050Z
4	Separate brake pad contact sensor connector (S10/1x1, S10/2x1)		
5	Knock out retaining pins (41) with a punch (035)	<p>i Installation: Knock retaining pins (41) all the way in.</p>	
6	Remove retaining spring (31d)		
7	Pull brake pads (43) out of fixed caliper (31a)	<p>i Use lever (034) S if brake pads (43) are stuck. When pushing out the brake pads (43) insert a wedge between the S lever (034) and fixed brake caliper (31a) S.</p> <p>S</p> <p>S</p> <p>i Installation: Do not use any sharp-edged or pointed tools for cleaning the brake pad guides. Install brake pads (43) using ungreased plate (43a). The marking (see arrow) on the panel (43a) must point in the direction of rotation of the wheel during forward travel.</p> <p>i Only complete sets of brake pads (43) approved by Mercedes-Benz may be installed.</p> <p>i 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.</p>	<p>*601589076300</p> <p>*123589133300</p>
8	<p>!</p> <p>Pull brake pad contact sensor (S10/1, S10/2) out of the pad backing plate of the brake pad (43)</p> <p>Notes on installing brake pad wear sensor contact sensors</p>	<p>i Installation: Replace defective contact sensor (S10/1, S10/2).</p>	AH42.10-P-0003-01A
	<p>◀</p> <p>Checking</p>		
9	<p>AP</p> <p>AP</p> <p>Check brake pad thickness and brake disks Check brake lining thickness Inspect condition of brake disks</p>	<p>i Replace brake pads (43) and brake disks in sets if necessary.</p> <p>Model 211 except model 211.024 /057 /252 /257 Model 211.024 /057 /252 /257</p>	<p>AP42.10-P-4253A</p> <p>AP42.10-P-4258R</p>
10	Check fixed caliper (31a) for leaktightness and dust boots for signs of damage and correct seating	<p>i If fixed caliper (31a) is leaky or dust boot is damaged or not seated correctly: ↓</p> <p>Install new fixed brake caliper (31a).</p>	AR42.10-P-0070R
11	Press back brake piston using S pusher tool (031)	<p>! S In each case secure an opposed pair of brake pistons beforehand with wedges to prevent them from being pressed out S. If the brake pads (43) of several brake calipers are removed, their brake pistons must also be secured to prevent them from falling out.</p> <p>! S Do not fit the pusher tool (031) to the brake disk, but rather push back the opposite brake pistons simultaneously. If the brake piston is difficult to move:</p> <p>↓</p> <p>Install new fixed brake caliper (31a).</p> <p>S</p> <p>S</p>	<p>AR42.10-P-0070R</p> <p>*000589524300</p> <p>*601589076300</p>
	<p>!</p> <p>Clean</p>		

12	If necessary, clean the perforation of brake disks		AR42.10-P-2260-01I
13	Install in the reverse order		
14.1	Activate SBC brake system using STAR DIAGNOSIS	Vehicles with Sensotronic Brake Control (SBC) <i>i</i> The following steps should be run through in STAR DIAGNOSIS: Select the menu item "SBC-Sensotronic Brake Control"/"Initial startup after repair"/"Remove/install brake pads". Then process all the individual steps from top to bottom.	
⚠ Danger! 14.2	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 Operate the brake pedal several times until the brake pads (43) contact the brake disks	Before starting engine, actuate brake pedal several times until the pressure is built up and maintained in the brake system. Vehicles with Adaptive Brake (ABR) <i>i</i> Firm resistance should be noticeable at the brake pedal.	AS42.50-Z-0002-01A
◀	Checking		
15 AP	Check brake fluid level, correct if necessary Brake system - inspect fluid level		AP42.10-P-4210Z

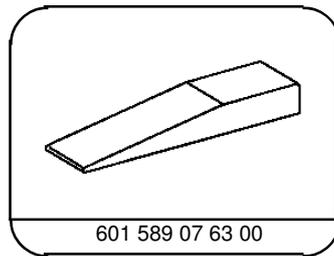
Nm Brake system hydraulics

Number	Designation	Model
		211, 230, 240
BA42.50-P-1001-01D	Cap to brake fluid expansion reservoir	Nm ≈ 2



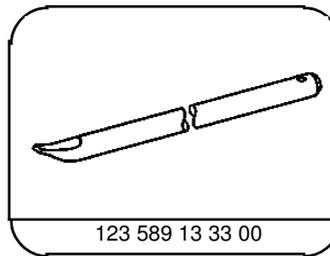
000 589 52 43 00

Pusher tool



601 589 07 63 00

Wedge



123 589 13 33 00

Lever