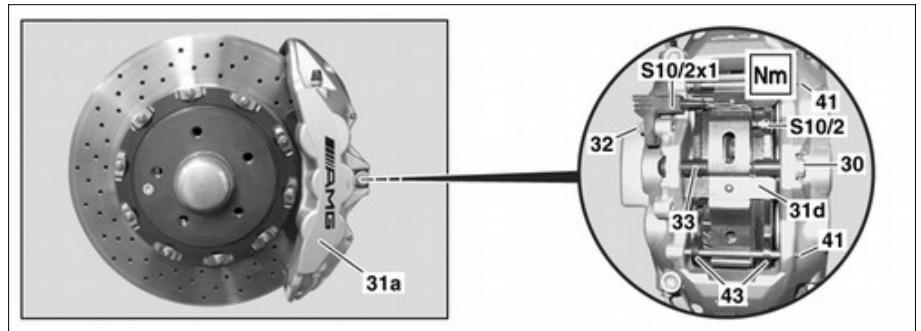


Model 204.077/277/377

Model 212.074/075/076/077/092/274/275/276/277/292
except code B07 (Ceramic brake system)

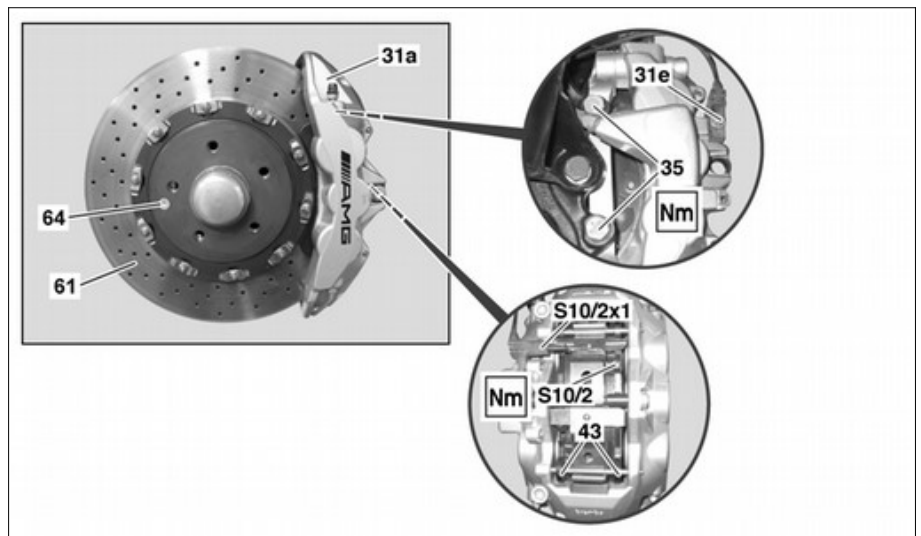
Model 218.374/375/376/392/974/975/976/992
except code B07 (Ceramic brake system)

30 Screw
31a Brake caliper
31d Retaining spring
33 Support
41 Retaining pin
43 Front axle brake linings
S10/2 Right front brake wear sensor
S10/2x1 Right front brake wear sensor electrical connector


















P42.10-2405-04




31a Brake caliper
35 Bolts
43 Front axle brake linings
61 Brake disk
S10/2 Right front brake wear sensor
S10/2x1 Right front brake wear sensor electrical connector




P42.10-2404-05


	Warning	Risk of injury. Skin or eye injuries may result when handling hot or glowing objects.	Wear protective gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
	Caution	Risk of poisoning from swallowing brake fluid. Risk of injury from skin and eye contact with brake fluid	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
		Notes on repairs to brake system		AH42.00-P-0003-01A
		Brake fluid notes		AH42.50-P-0001-01A
		Notes on safety-relevant components		AH00.00-Z-0019-01A
		Clean		
1		Clean the area around the cap of the brake fluid reservoir	Assembly cleaner	*BR00.45-Z-1028-04A
		Remove		
2		Unscrew cap of brake fluid reservoir and extract some brake fluid	This prevents the brake fluid reservoir overflowing when the brake piston is pushed back.	
3		Remove corresponding front wheel	Model 212.074/075/076/077/092/274/275/276/277/292 except code B07 (Ceramic brake system) Model 218.374/375/376/392/974/975/976/992 except code B07 (Ceramic brake system) Model 204.077/277/377	AP40.10-P-4050EW AP40.10-P-4050CW
4		Disconnect electrical connector of right front brake wear sensor (S10/2x1)		

	Notes on installing brake wear indicator contact sensors		AH42.10-P-0003-01CW
		 Only available on right side.	
5	Remove bolt (30) and remove support (33) of retaining spring (31d)	 Bolt for anti-rattle spring support	*BA42.10-P-1006-10J
6	Drive out retaining pins (41) using punch and remove retaining spring (31d)	 Installation: Hammer in retaining pins (41) as far as the end stop. Ensure that retaining spring (31d) is correctly seated.	
7	Pull brakepads on front axle (43) out of brake caliper (31a)	 Installation: Only complete sets of front axle brakepads (43) approved by Mercedes-Benz may be installed.  Installation: Do not apply any brake paste or lubricants to brakepads on front axle (43) and brake calipers (31a).	
8	Press back brake piston using resetting device	 Secure remaining brake pistons to prevent them slipping out.  Resetting device  Wedge With sluggish brake pistons ↓ Replace brake caliper (31a).	*000589524300 *601589076300
9	Pull right front brake wear sensor (S10/2) out of pad backing plate of brake lining (43) Notes on installing brake wear indicator contact sensors	When replacing the front axle brakepads (43) or the front right brake wear sensor (S10/2).  Mark installation location of front right brake wear sensor (S10/2).	AR42.10-P-0070CMG AH42.10-P-0003-01CW
	Check		
10	Check retaining pins (41) and retaining spring (31d) for damage and condition	If there are problems ↓ Replace retaining pins (41) or retaining spring (31d).	
11	Check brakepads on front axle (43) for wear and condition	Model 212.074/075/076/077/092/274/275/276/277/292 2 except code B07 (Ceramic brake system) Model 218.374/375/376/392/974/975/976/992 except code B07 (Ceramic brake system) Model 204.077/277/377 In event of damage or excessive wear ↓ Replace brakepads on front axle (43).  Only complete sets of front axle brakepads (43) approved by Mercedes-Benz may be installed.	AP42.10-P-4252EW AP42.10-P-4252EL AP42.10-P-4252CW
12	Check brake disk (61) for wear and condition	In event of damage or excessive wear ↓ Replace brake disks (61) and brakepads on front axle (43).  Only complete sets of brake disks (61) and front axle brakepads (43) approved by Mercedes-Benz may be installed.	AP42.10-P-4256EW AR42.10-P-0220CMG
13	Check brake caliper (31a) and brake piston dust boot for damage	If there are problems ↓ Replace dust boot of brake piston or brake caliper (31a).	AR42.10-P-0070CMG
	Clean		
14	Clean contact surfaces of front axle brakepads (43) on brake caliper (31a)	 Do not use sharp-edged or pointed objects. Otherwise the brake calipers (31a) or dust boots of the brake pistons may be damaged. Assembly cleaner	*BR00.45-Z-1028-04A
	Install		
15	Check brake system for leaks		AR42.10-P-0100-01V

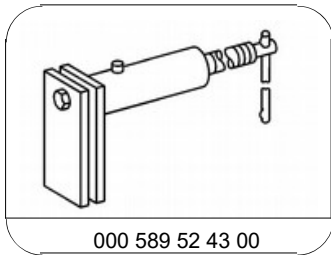
16	Install in the reverse order		
17	<p>Risk of accident when commissioning the vehicle due to a lack of braking effect when the service brake is operated for the first time after repair work.</p> <p>Operate brake pedal several times until brakepads on front axle (43) make contact with brake disks (61)</p>	<p>Before starting the engine, actuate brake pedal several times until pressure is built up and maintained in the brake system.</p> <p>i Firm resistance should be noticeable at the brake pedal.</p>	AS42.50-Z-0002-01A
	Check		
18	Check and correct fluid level in brake fluid expansion reservoir		AP42.10-P-4210EW
			
19	Carry out brake test on the test stand		AP42.00-P-4290BA
			

 Front axle brake caliper

Number	Designation	Model	MODEL
		204.077/277/377	212.074/075/076/077/274/275/276/277 except CODE B07, MODEL 212.092/292
BA42.10-P-1006-10J	Bolt for anti-rattle spring support	Nm 30	30

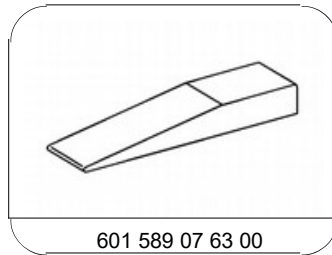
 Front axle brake caliper

Number	Designation	MODEL
		218.374/375/376/974/975/976 except CODE B07, MODEL 218.392/992
BA42.10-P-1006-10J	Bolt for anti-rattle spring support	Nm 30



000 589 52 43 00

Resetting device



601 589 07 63 00

Wedge

Repair materials

Number	Designation	Order number
BR00.45-Z-1028-04A	Assembly cleaner	Adolf Würth GmbH & Co. KG Reinhold-Würth-Str. 12-17 74653 Künzelsau-Gaisbach Germany Tel. +49 7940 15-0 Fax +49 7940 15-1000 http://www.wuerth.de