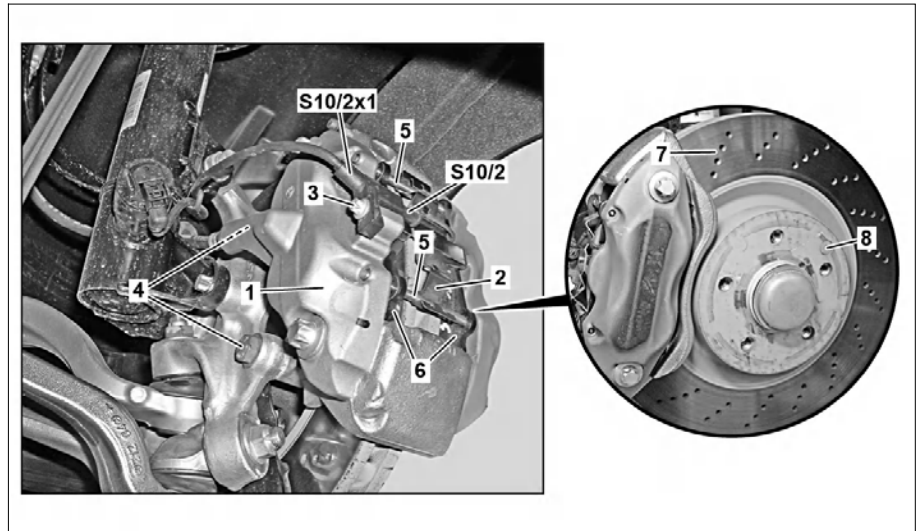











**Model** 212 (except 212.074/075/076/077/092/274/275/276/277/292), 218 (except 218.374/375/376/392/974/975/976/992) except code B07 (Ceramic brake system) with 4-piston fixed-caliper brake

- 1 Brake caliper  
 2 Retaining spring  
 3 Screw  
 4 Bolts  
 5 Pin  
 6 Brake linings  
 7 Brake disk  
 S10/2 Right front brake wear sensor  
 S10/2x1 Right front brake wear sensor electrical connector

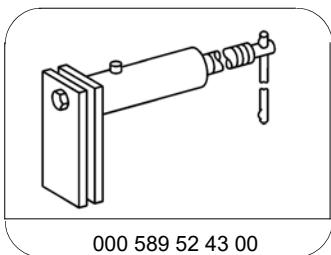


P42.10-3074-05

Warning	<b>Risk of injury.</b> 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	<b>Risk of poisoning</b> from swallowing brake fluid. <b>Risk of injury</b> 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
	<b>Risk of accident</b> 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 starting the engine, actuate brake pedal several times until pressure is built up and maintained in the brake system.	AS42.50-Z-0002-01A
	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
	<b>Clean</b>		
1	Clean the area around the cap of the brake fluid reservoir	Assembly cleaner	*BR00.45-Z-1028-04A
	<b>Remove</b>		
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		AP40.10-P-4050EW
	Detach electrical connection from brake wear sensor at front right (S10/2x1) Notes on installing brake wear indicator contact sensors	When removing brake linings (6) on right side of vehicle.	AH42.10-P-0003-01CW
5	Use commercially-available pin punch to knock out pin (5) and remove retaining spring (2)		
6	Remove brake linings (6) from brake caliper (1)		
7	Press back brake piston using pusher tool	Secure remaining brake pistons using two wedges against slipping out. Resetting device Wedge With sluggish brake pistons ↓ Replace brake caliper (1).	*000589524300 *601589076300  AR42.10-P-0070EWA
8	Pull right front brake wear sensor (S10/2) out of backing plate of brake pad (6)	When replacing the brake linings (6) or the front right brake wear sensor (S10/2).	

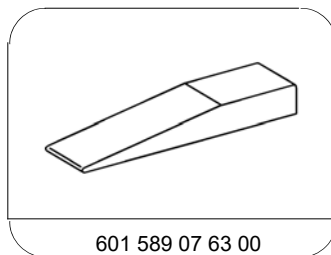
	Notes on installing brake wear indicator contact sensors		AH42.10-P-0003-01CW
	<b>Check</b>		
9	Check pin (5) and retaining spring (2) for damage and that they are in good condition	If there are problems  ↓ Replace pin (5) or retaining spring (2).	
10   	Check brake pads (6) for wear and condition	Model 218 (except 218.374/375/376/392/974/975/976/992) except code B07 (Ceramic brake system) Model 212 (except 212.074/075/076/077/092/274/275/276/277/292) except code B07 (Ceramic brake system) In event of damage or excessive wear ↓ Replace brake pads (6).  Only sets of brake pads (6) approved by Mercedes-Benz may be installed.	AP42.10-P-4252EL  AP42.10-P-4252EW
11 	Check brake disk (7) for wear and condition	In event of damage or excessive wear ↓ Replace brake disks (7) and brake pads (6). Model 212 (except 212.074/075/076/077/092/274/275/276/277/292), 218 (except 218.374/375/376/392/974/975/976/992) except code B07 (Ceramic brake system)  Only complete sets of brake disks (7) and brake linings (6) approved by Mercedes-Benz may be installed.	AP42.10-P-4256EW  AR42.10-P-0220EWE
12	Check brake caliper (1) and dust boots of brake piston for leaktightness and damage	If there are problems  ↓ Replace brake caliper (1).	AR42.10-P-0070EWA
	<b>Clean</b>		
13	Clean contact surfaces of brake linings (6) on brake caliper (1)	 Do not use sharp-edged or pointed objects. The brake caliper (1) or the dust boots of the brake pistons can otherwise be damaged. Assembly cleaner	*BR00.45-Z-1028-04A
	<b>Install</b>		
14	Insert front right brake wear sensor (S10/2) into backing plate of brake pads (6)  Notes on installation position of brake linings  Notes on installing brake wear indicator contact sensors	Model 212 (except 212.074/075/076/077/092/274/275/276/277/292), 218 (except 218.374/375/376/392/974/975/976/992) except code B07 (Ceramic brake system) with 4-piston fixed-caliper brake When replacing the brake linings (6) or the front right brake wear sensor (S10/2) Model 212.067/090/099/167/267/299, 218.367/368/967/968 except code B07 (Ceramic brake system) Model 212.088/093/094/280/288/293/294, 218.393/394/993/994 with code 950 (AMG Sports package) except code B07 (Ceramic brake system) Model 212.088/093/094/280/288/293/294, 218.393/394/993/994 with code P96 (Sports Package - exterior) except code B07 (Ceramic brake system)	AH42.10-P-1610-01EWA  AH42.10-P-0003-01CW
15	Insert brake linings (6) into brake caliper (1)		

	Notes on installation position of brake linings	<p>Model 212.067/090/099/167/267/299, 218.367/368/967/968 except code B07 (Ceramic brake system)</p> <p>Model 212.088/093/094/280/288/293/294, 218.393/394/993/994 with code 950 (AMG Sports package) except code B07 (Ceramic brake system)</p> <p>Model 212.088/093/094/280/288/293/294, 218.393/394/993/994 with code P96 (Sports Package - exterior) except code B07 (Ceramic brake system)</p> <p><b>i</b> Model 212 (except 212.067/074/075/076/077/088/090/092/093/094/099/167/267/274/275/276/277/280/288/292/293/294/299) except code B07 (Ceramic brake system) with 4-piston fixed-caliper brakeModel 212.088/093/094/280/288/293/294, 218.393/394/993/994 except code 950 (AMG Sports package) except code B07 (Ceramic brake system) except code P96 (Sports Package - exterior) with 4-piston fixed-caliper brakeModel 218 (except 218.367/368/374/375/376/392/393/394/967/968/974/975/976/992/993/994) except code B07 (Ceramic brake system)with 4-piston fixed-caliper brake</p> <p>Do not apply brake paste or lubricants to the brake linings (6) or brake calipers (1).</p> <p><b>i</b> Model 212.067/090/099/167/267/299, 218.367/368/967/968 except code B07 (Ceramic brake system) with 4-piston fixed-caliper brakeModel 212.088/093/094/280/288/293/294, 218.393/394/993/994 with code 950 (AMG Sports package) except code B07 (Ceramic brake system) with 4-piston fixed-caliper brakeModel 212.088/093/094/280/288/293/294, 218.393/394/993/994 with code P96 (Sports Package - exterior) except code B07 (Ceramic brake system)with 4-piston fixed-caliper brake</p> <p>Note installation position of brake pads (6) and apply coating of MB Molykote brake paste (copper colored) to the lower and upper contact surfaces on the brake caliper (1). MB brake paste Molykote (copper colored)</p>	AH42.10-P-1610-01EWA
16	Position retaining spring (2) and stamp in pin (5) up to end stop	<b>i</b> Check retaining spring (2) is correctly seated.	*BR00.45-Z-1057-06A
17	Connect brake wear sensor at front right electrical connector (S10/2x1)	When installing brake linings (6) on right side of vehicle.	
18	Mount front wheel		AP40.10-P-4050EW
19	Seal brake fluid reservoir using cap		
	<b>Check</b>		
20	Correct brake fluid level in brake fluid reservoir		AP42.10-P-4210EW
21	Carry out brake test on the test stand		AP42.00-P-4290BA



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 <a href="http://www.wuerth.de">http://www.wuerth.de</a>
BR00.45-Z-1057-06A	MB brake paste Molykote (copper colored)	A 001 989 87 51