#### MODEL 217, 222

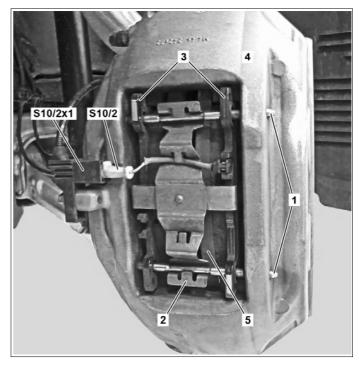
### without CODE B07 (AMG high-performance ceramic composite braking system)

#### Shown on MODEL 222 without tie rod - Brake caliper at right

Retaining pins
 Retaining spring
 Brake linings
 Brake caliper
 Brake disk

\$10/2 Right front brake wear sensor

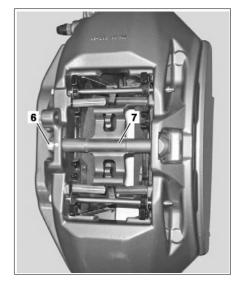
S10/2x1 Right front brake wear sensor electrical connector



P42.10-2947-12

#### Shown on MODEL 222 with tie rod - Brake caliper at right

- 6 Screw
- 7 Tie rod



P42.10-2949-02

⚠ Danger!	Risk of poisoning from swallowing brake	Only pour brake fluid into suitable and	AS42.50-Z-0001-01A
	fluid. <b>Risk of injury</b> from skin and eye contact with brake fluid	protective clothing and eye protection when handling brake fluid.	
⚠ Danger!	Risk of injury. Skin or eye injuries may result	Wear protective gloves, protective clothing	AS00.00-Z-0002-01A
<b>J</b>	when handling hot or glowing objects.	and safety glasses, if necessary.	
()	Notes on repairs to brake system		AH42.00-P-0003-01A
(1)	Brake fluid notes		AH42.50-P-0001-01A
(1)	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
i	Notes on installing brake wear indicator contact sensors		AH42.10-P-0003-01CW
XX	Remove/install		
1	Remove cover above brake fluid expansion reservoir		
2	Clean area around cap on expansion reservoir for brake fluid		

expansion reservoir and suction off some brake fluid overflowing when the brake piston is pushed back.  4 Detach corresponding complete wheel  FAP  Detach electrical connection for front right brake wear sensor (S10/2x1) for front right brake wear sensor (S10/2x1) for front right brake wear sensor (S10/2x)  Remove bolt (6) and then remove tie rod (7)  Knock out retaining pins (1) using punch and remove retaining spring (2)  Pull brake linings (3) out of brake caliper (4)  Notes on installation position of brake linings  Pull brake linings (3) out of brake caliper (4)  Maffunctions may occur otherwise.  Provided the provided brake linings (3) approved by Mercedes-Benz may be installed. Make sure that the brake linings (3) are installed at the correct position.  Check  Check  AP40.10-P-4050HA  BAP40.10-P-4050HA  AP40.10-P-4050HA  BAP40.10-P-4050HA  BAP40.10-P-4050HA  BAP40.10-P-4050HA  BAP40.10-P-4050HA  AP40.10-P-4050HA  BAP40.10-P-4050HA  AP40.10-P-4050HA  BAP40.10-P-4050HA  AP40.10-P-4050HA  BAP40.10-P-4050HA  BAP	3	Unscrew the cap on the brake fluid	This was said the companion accounts	
Detach electrical connection for front right brake wear sensor (\$10024) for front right brake platon in the sensor sensor (\$10024) for front right brake platon in the sensor sensor (\$10024) for front right brake platon in the sensor sensor (\$10024) for front right brake platon in the sensor sensor (\$10024) for front right brake platon in the sensor sensor (\$10024) for front right brake platon in the sensor sensor (\$10024) for front right brake platon in the sensor sensor (\$10024) for front right brake platon in the sensor sensor (\$10024) for front right brake platon in the sensor sensor (\$10024) for front right brake platon in the sensor sensor (\$10024) for front right brake platon in the sensor sensor (\$10024) for front right brake platon in the sensor sensor (\$10024) for front right brake platon in the sensor sensor (\$10024) for front right brake platon in the sensor sensor (\$10024) for front right front brake wear sensor (\$10024) and dust boots of brake platon uning resetting device.    Press back brake platon uning resetting device.   Press back brake platon uning resetting device.   Press back brake platon uning resetting device.   Press back brake platon uning resetting device.   Press back brake platon uning resetting device.   Press back brake platon commissioning the sensor sensor (\$10024) for front platon device.   Press back brake platon of platon device of pl		expansion reservoir and suction off some		
Delach electrical connection for front right brake war areanor (\$102-1) front brake war and war area front war are war area front war are war area front war area front war are war area front war are war area front war area front war area front war area front war are war area front war area fron	4	Detach corresponding complete wheel		AD40 40 D 4050UA
MODEL 217, 222 except CODE BIT AND Cearnain high-performance compound broke system)   18-42-10-P-1003-10V	5	brake wear sensor (S10/2x1) for front right		AP40.10-P-4050HA
remove retaining spring (2)  Pull brake linings (3) out of brake caliper (4)  Notes on installation position of brake linings (3)  Notes on installation position of brake linings (3)  Notes on installation position of brake linings (3)  Pull brake linings (3) out of brake linings (3)  Pull brake linings (3) out of brake linings (3)  Pull brake linings (3) out of brake linings (3)  Pull brake linings (3) out of brake linings (3)  Pull springs (3) and brake calipers (4).  Pull springs (3) and brake calipers (4).  Pull springs (3) are installed on the correct position.  Pull springs (3) are installed on the correct p	6	Remove bolt (6) and then remove tie rod (7)	MM MODEL 217, 222 except CODE B07 (AMG ceramic high-performance compound	*BA42.10-P-1003-10V
Notes on installation position of brake limings   Pinstallation: Do not apply any brake paste or tubricants to brake past (s) approved by Mercedes-Beanz may be installed where the service past (s) and brake calipers (4). Malfunctions may occur otherwise.   If pry out seleze brake limings (3) using a   If pry out seleze brake limings (3) approved by Mercedes-Beanz may be installed white sure that the brake limings (3) are installed at the correct position.   If pry out seleze brake limings (3) are installed at the correct position.   If pry out seleze brake limings (3) are installed at the correct position.   If pry out seleze brake limings (3) are installed at the correct position.   If pry out seleze brake limings (3) are installed at the correct position.   If pry out seleze brake limings (3) are installed at the correct position.   If present past (3) are installed at the correct position.   If present past (3) are installed at the correct position.   If present past (3) are installed at the correct position.   If present past (3) are installed at the correct position.   If present past (3) are installed at the correct position.   If present past (4) are installed at the correct position.   If present past (4) are installed at the correct position.   If present past (4) are installed at the correct position.   If present past (4) are installed at the correct position.   If present past (4) are installed at the correct position.   If present past (4) are installed at the correct past (4) are installed at the correct past (4) are installed.   If present past (4) are installed at the correct past (4) are installed.   If present past (4) are insta	7	Knock out retaining pins (1) using punch and remove retaining spring (2)	I Installation: Hammer in retaining pins (1) up to the end stop. Check retaining spring (2)	
I Pry out seized brake linings (3) using a   1	8 [i]		AH42.10-P-1610-0  Installation: Do not apply any brake paste or lubricants to	
Check brake pads (3)  MODEL 217 MODEL 222 If wear or damage is present: Replace brake linings (3).  Check brake disks (5)  MODEL 22 If damaged or worn Replace brake disks (5)  AR42_10-P-4258C AP42_10-P-4258C AP42_10-P-4258C AP42_10-P-4258C AP42_10-P-4258C AP42_10-P-4258C AP42_10-P-4258C AP42_10-P-4258C AP42_10-P-4258C AP42_10-P-4258C AP42_10-P-0220LF  If leaking or damaged brake pistons  Replace brake caliper (4)  Replace brake caliper (4)  AR42_10-P-0220LF  If leaking or damaged brake pistons  Replace brake caliper (4)  AR42_10-P-0200LF  If leaking or damaged brake caliper (4)  AR42_10-P-0200LF  If leaking or damaged brake caliper (4)  AR42_10-P-0200LF  AR42_10-P-0070LF  If leaking or damaged brake caliper (4)  AR42_10-P-0070LF  AR42_10-P-0070LF  Do not use sharp-edged or pointed objects. Otherwise the dust boots may be damaged. Assembly cleaner  AR42_10-P-0070LF  AR42_10-P-0070LF  If leaking or damaged brake caliper (4)  AR42_10-P-0070LF  AR42_10-P-0070LF  When replacing the brake linings (3) or if the right front brake wear sensor (S10/2) ut of for brake wear sensor (S10/2) is defective. If leaking or damage the defective right front brake wear sensor (S10/2)  The replace brake caliper (4)  AR42_10-P-0070LF  AR42_10-P-0070LF  AR42_10-P-0070LF  When replacing the brake linings (3) or if the right front brake wear sensor (S10/2) is defective. If leaking or damaged AR42_10-P-0070LF  Brake caliper (4)  AR42_10-P-0070LF  AR42_10-P-0070LF  AR42_10-P-0070LF  Brake caliper (4)  Brake caliper (4)  AR42_10-P-0070LF  Brake caliper (4)  AR42_10-P-0			i Pry out seized brake linings (3) using a lever. i Installation: Only sets of brake linings (3) approved by Mercedes-Benz may be installed. Make sure that the brake linings (3) are installed at the correct position.	*123589133300
MODEL 217 MODEL 222 If wear or damage is present: Replace brake linings (3).  Check brake disks (5)  MODEL 217 MODEL 22 If wear or damage is present: Replace brake linings (3).  MODEL 217 MODEL 217 MODEL 22 AP42.10-P-4258C AP42.10-P-4258C AP42.10-P-4258C AP42.10-P-4258C AP42.10-P-4258C AP42.10-P-4258C AP42.10-P-4258HA If damaged or worn Replace brake disks (5)  AR42.10-P-0220LF  If leaking or damaged Fresh pistons Replace brake caliper (4) AR42.10-P-0070LF  AR42.10-P-0070LF  If secure remaining brake pistons to prevent them slipping out. Resetting device Replace brake caliper (4)  AR42.10-P-0070LF  AR42.10-P-0070LF  Do not use sharp-edged or pointed objects. Otherwise the dust boots may be damaged. Assembly cleaner  When replacing the brake linings (3) or if the dust brake wear sensor (\$10/2) out of pad backing plate of brake lining (3)  Pull right front brake wear sensor (\$10/2) out of pad backing plate of brake lining (3)  Installation: Replace the defective right front brake wear sensor (\$10/2). Installation: Replace the defective right front brake wear sensor (\$10/2). Installation: Replace the defective right front brake wear sensor (\$10/2). Installation: Replace the defective right front brake wear sensor (\$10/2). Installation: Replace the defective right front brake wear sensor (\$10/2). Installation: Replace the defective right front brake wear sensor (\$10/2).  ASSENTING AP42.10-P-0070LF  Before starting the engine, actuate brake pedal several times until installation and maintained in the brake system.  ASSENTING AP42.10-P-0220LF  AP42.10-P-0220LF  AP42.10-P-0220LF  AP42.10-P-020LF  AP42.10-P-020LF  AP42.10-P-020LF  AP42.10-P-020LF  AP42.10-P-020LF  Do not use sharp-edged or pointed objects. Otherwise the dust boots may be damaged. Assembly cleaner  When replacing the brake linings (3) or if the right front brake wear sensor (\$10/2) is defective.  Installation: Replace the defective right front brake wear sensor (\$10/2).  Frim resistance should be noticeable at the	<b>4</b>	Check		
Check brake disks (5)  MODEL 217  MODEL 222  If damaged or worn  Replace brake disks (5)  AR42.10-P-0220LF  If leaking or damaged  AR42.10-P-0220LF  Replace brake caliper (4)  Replace brake caliper (4)  Replace brake caliper (4)  AR42.10-P-0220LF  If leaking or damaged  AR42.10-P-0070LF  Replace brake caliper (4)  Replace brake pistons to prevent them slipping out.  Replace brake pistons to prevent them slipping out.  Replace brake pistons to prevent them slipping out.  Replace brake caliper (4)  AR42.10-P-0070LF  Replace brake caliper (4)  AR42.10-P-0070LF  Poorting out.  Clean  Clean  Clean Contact surfaces of brake linings (3) on brake caliper (4)  Do not use sharp-edged or pointed objects. Otherwise the dust boots may be damaged. Assembly cleaner  Assembly cleaner  Assembly cleaner  Assembly cleaner  When replacing the brake linings (3) or if the right front brake wear sensor (\$10/2) is defective.  Installation: Replace the defective right front brake wear sensor (\$10/2) is defective.  Installation: Replace the defective right front brake wear sensor (\$10/2).  Resplace brake a lining (3)  Before starting the engine, actuate brake pedal several times until  Firm resistance should be noticeable at the		Check brake pads (3)	MODEL 222 AP42.10-P-4252H/	
MODEL 217 MODEL 221 If damaged or worn Replace brake disks (5)  AR42.10-P-0220LF  If leaking or damaged  AR42.10-P-0220LF  If leaking or damaged  AR42.10-P-0070LF  Replace brake caliper (4)  AR42.10-P-0070LF  Po ortune device  Replace brake caliper (4)  AR42.10-P-0070LF  Neeplace brake caliper (4)  AR42.10-P-0070LF  Neeplace brake caliper (4)  AR42.10-P-0070LF  Po ortune device  Replace brake caliper (4)  AR42.10-P-0070LF  Neeplace brake pack peach several several times until in the several times until in the survive brake peach several times until in the survive brake brail times until peach several times until in the brake system.  If Firm resistance should be noticeable at the	10	Check brake disks (5)	Replace brake liftings (3).	
Clean  Clean contact surfaces of brake linings (3) on brake caliper (4)  Do not use sharp-edged or pointed objects. Otherwise the dust boots may be damaged. Assembly cleaner  When replacing the brake linings (3) or if the right front brake wear sensor (S10/2) out of pad backing plate of brake lining (3)  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.  Depress brake pedal several times until  Firm resistance should be noticeable at the	<b>₽</b> AP		MODEL 222 If damaged or worn ↓	
brake pistons  Replace brake caliper (4)  Press back brake piston using resetting device  Press back brake piston using resetting device  Press back brake piston using resetting device  Resetting device  Wedge  With sluggish brake pistons  Replace brake caliper (4)  AR42.10-P-0070LF  Resetting device  Wedge  With sluggish brake pistons  Replace brake caliper (4)  AR42.10-P-0070LF  Do not use sharp-edged or pointed objects. Otherwise the dust boots may be damaged. Assembly cleaner  Pull right front brake wear sensor (S10/2) out of pad backing plate of brake lining (3)  Pull right front brake wear sensor (S10/2) out of pad backing plate of brake lining (3)  Install in the reverse order  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.  Depress brake pedal several times until  Firm resistance should be noticeable at the			Replace brake disks (5)	AR42.10-P-0220LF
Press back brake piston using resetting device  Press back brake piston using resetting device  Resetting device  Resetting device  Resetting device  Resetting device  Replace brake caliper (4)  Clean  Clean contact surfaces of brake linings (3) on brake caliper (4)  Pull right front brake wear sensor (S10/2) out of pad backing plate of brake lining (3)  Pull right front brake wear sensor (S10/2) out of pad backing plate of brake lining (3)  Install in the reverse order  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.  Depress brake pedal several times until  Firm resistance should be noticeable at the	11		↓ Replace brake caliper (4)	
Clean contact surfaces of brake linings (3) on brake caliper (4)  Do not use sharp-edged or pointed objects. Otherwise the dust boots may be damaged. Assembly cleaner  Pull right front brake wear sensor (S10/2) out of pad backing plate of brake lining (3)  When replacing the brake linings (3) or if the right front brake wear sensor (S10/2) is defective.  Installation: Replace the defective right front brake wear sensor (S10/2).  Before starting the engine, actuate brake pedal several times until  Page 1  AS42.50-Z-0002-01A  AS42.50-Z-0002-01A  Pirm resistance should be noticeable at the	12		i Secure remaining brake pistons to prevent them slipping out.  i Resetting device  i Wedge  With sluggish brake pistons  ↓  i 000589524300  *601589076300	
Clean contact surfaces of brake linings (3) on brake caliper (4)  Do not use sharp-edged or pointed objects. Otherwise the dust boots may be damaged. Assembly cleaner  Pull right front brake wear sensor (S10/2) out of pad backing plate of brake lining (3)  When replacing the brake linings (3) or if the right front brake wear sensor (S10/2) is defective.  Installation: Replace the defective right front brake wear sensor (S10/2).  Install in the reverse order  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.  Depress brake pedal several times until  Firm resistance should be noticeable at the	r.	Clean		AR42.10-P-0070LF
Pull right front brake wear sensor (S10/2) out of pad backing plate of brake lining (3)  When replacing the brake linings (3) or if the right front brake wear sensor (S10/2) is defective.  Install in the reverse order  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.  Depress brake pedal several times until  Pull right front brake wear sensor (S10/2) is defective.  Installation: Replace the defective right front brake wear sensor (S10/2).  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		Clean contact surfaces of brake linings (3) on	Do not use sharp-edged or pointed objects. Otherwise the dust boots may be damaged.	
15 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.  16 Depress brake pedal several times until  ☐ Firm resistance should be noticeable at the	14		When replacing the brake linings (3) or if the right front brake wear sensor (S10/2) is defective.  i Installation: Replace the defective right	
Depress brake pedal several times until  Firm resistance should be noticeable at the		Risk of accident when commissioning the vehicle due to a lack of braking effect when the service brake is operated for the first time	Before starting the engine, actuate brake pedal several times until pressure is built up  AS42.50-Z-0002-01A	
	16	Depress brake pedal several times until		

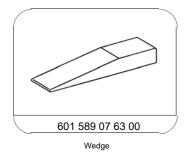
4	Check	
17	Check fluid level in expansion reservoir for brake fluid.	
<b>⊯</b> AP		AP42.10-P-4210HA
18	Carry out brake test on the test stand	
<b>₽</b> AP		AP42.00-P-4290BA

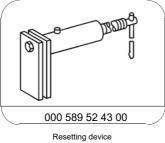
## Nm Front axle brake caliper

Number	Designation	217.377/378/379/477	MODEL 217.364/382/384/38 5/482
BA42.10-P-1003-10V	Tension rod of brake caliper Nm	24	24

# Nm Front axle brake caliper

Number	Designation		222.067/082/085/163 /165/167/967, MODEL 222.004/032/033/057 /104/123/132/133/15 7 with CODE 950/951, MODEL 222.176/182/184/185 /976/982/984/985 except CODE Z07	222.177/178/179 except CODE B07
BA42.10-P-1003-10V	Tension rod of brake caliper	Nm	24	24







#### 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 www.wuerth.de