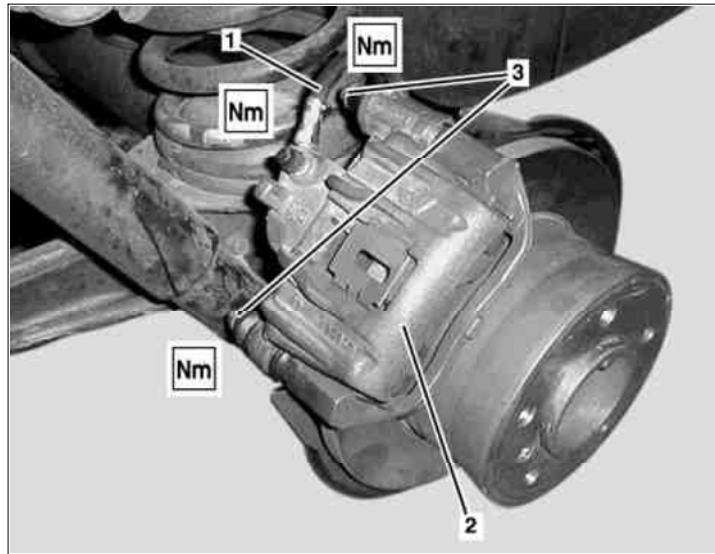


MODEL 461.302 /326 /332 /335 /336 /342 /365 /366, 463.206 /209 /232 /233 /240 /241 /243 /244 /245 /246 /24 7 /248 /249 /250 /254 /308 /309 /322 /323 /330 /331 /332 /333

with disk brakes on the rear axle

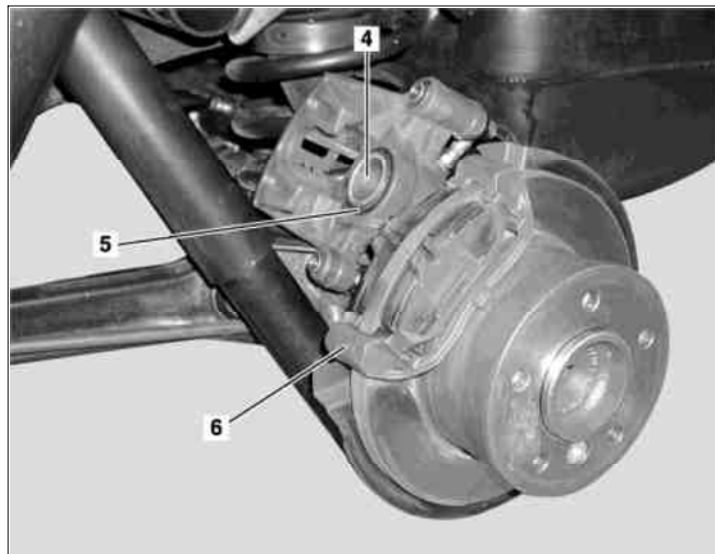
MODEL 463.241 /248 with REAR AXLE 741 (except 741.52)

- 1 Brake hose
- 2 Brake caliper
- 3 Microencapsulated guide bolts


















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- 4 Brake piston
- 5 Dust cap
- 6 Caliper support



P42.10-2156-11

☒ ☒	Remove/Install		
⚠ <b>Danger!</b>	<b>Risk of poisoning</b> from swallowing brake fluid. <b>Risk of injury</b> from 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.	AS42.50-Z-0001-01A
⚠ <b>Danger!</b>	<b>Risk of accident</b> when the vehicle is first operated following repair work due to inadequate braking effect the first time the service brake is applied.	Before starting engine, actuate brake pedal several times until the pressure is built up and maintained in the brake system.	AS42.50-Z-0002-01A
ⓘ	Brake fluid notes	All models	AH42.50-P-0001-01A
ⓘ	Notes on repairs to brake system	All models	AH42.00-P-0003-01A
1 🔧 AP	Remove rear wheel Remove/install wheels, rotate if necessary		AP40.10-P-4050G

2	Disconnect brake hose (1) from brake caliper (2)	 Seal connections immediately with plugs otherwise the brake fluid reservoir can run empty which can lead to difficult conditions when bleeding.   	*BA42.10-P-1005-04B *001589722100 *000589750300
3	Detach brake caliper (2) from brake caliper support (6)	 <b>Installation:</b> Replace microencapsulated guide bolts (3). 	*BA42.10-P-1002-17B
4.1	Detach brake wear contact sensor	 If fitted only on the right-hand brake caliper. 	*BA42.10-P-1004-17B
5	Press back brake piston (4) with resetting device	 Collect brake fluid which runs out in a suitable container. 	*000589524300
6	Clean brake caliper (2) with brake caliper brush		*000589266800
	<b>Inspect</b>		
7	Check brake caliper (2) for brake fluid escaping at the brake piston (4) and damage to the dust cap	 Replace brake caliper (2) if brake fluid escapes at the brake piston (4), replace dust cap (5) if damaged.	
8	Install in the reverse order		
9	Bleed brake system.		AR42.10-P-0010GG
10	Press the brake pedal several times until the brake pads contact the brake disks	 A firm resistance must be noticeable at the brake pedal.	
11	 Check brake fluid level Hydraulic brake system - check fluid level, correct if necessary		AP42.50-P-4210G
12	Check brake system for leaks		AR42.10-P-0100-01A

 **Brake lines, brake hoses**

Number	Designation	models 461	Model 463.200/204/206 /207/208/209/220/221 / 224/225/227/228/230/ 231/232/233/240/241/ 300/304/307/308/320/ 321/324/325/327/328/ 330/331
BA42.10-P-1005-04B	Brake hose to rear axle floating brake caliper	NM 18	18

 **Brake lines, brake hoses**

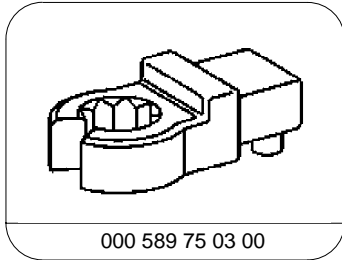
Number	Designation	Model 463.243/ 244/245/246/ 247/248/249/ 250/254/309/ 322/323/332/333
BA42.10-P-1005-04B	Brake hose to rear axle floating brake caliper	NM 15

 **Rear axle floating caliper**

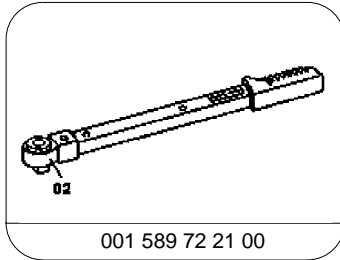
Number	Designation		Model 461.326/335/ 336/365/366	Model 463.206/209/ 232/233/240/ 241/308/330/331	Model 463.243/244/245/ 246/247/248/ 249/250/254/ 309/322/323/ 332/333
BA42.10-P-1002-17B	Guide pins on caliper support	NM	30	30	30
BA42.10-P-1004-17B	Self-locking bolt, brake wear contact sensor to floating brake caliper	NM	-	-	30

**Nm** Rear axle floating caliper

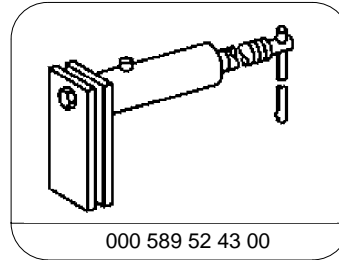
Number	Designation		Model 461.302/ 332/342
BA42.10-P-1002-17B	Guide pins on caliper support	NM	30
BA42.10-P-1004-17B	Self-locking bolt, brake wear contact sensor to floating brake caliper	NM	30



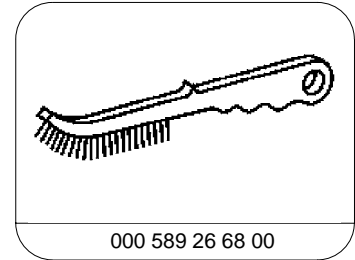
Ring wrench socket



Torque wrench



Resetting device



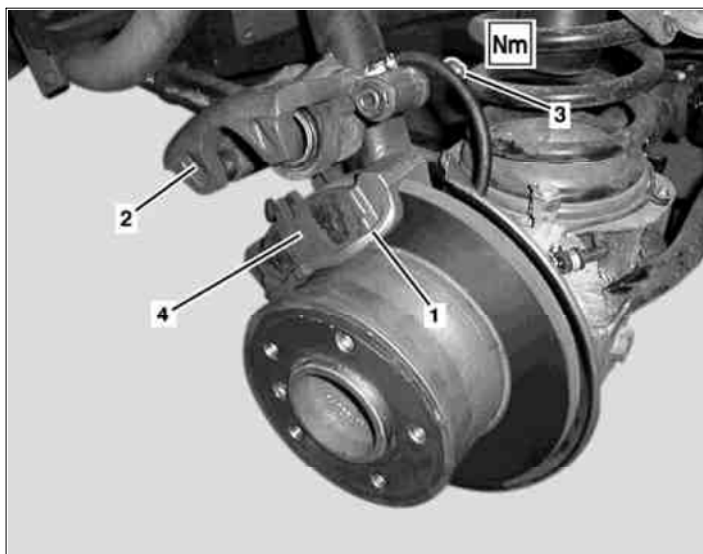
Brake caliper brush

**MODELS 463.243 /244 /245 /246 /247 /248 /249 /250 /254 /309 /322 /323 /332 /333**

**with disk brakes on rear axle**

**MODELS 463.248 except CODE (979) Special protected version**

- 1 Floating caliper support
- 2 Brake caliper
- 3 Bolts
- 4 Brake pads



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<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.	AS42.50-Z-0001-01A
<b>Danger!</b>	<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.	Operate brake pedal several times before driving the vehicle until pressure is built up and maintained in the brake system.	AS42.50-Z-0002-01A
	Brake fluid notes		AH42.50-P-0001-01A
	Notes on repairs to brake system		AH42.00-P-0003-01A
	<b>Check</b>		
1 	Check lining thickness of brake pads and condition of brake disks.	Model 463 with brake wear indicator. If the brake pads have worn beyond the permissible service limit: - Inspect brake system for leaks with pressure tester.	AP42.10-P-4251G AR42.10-P-0015GG
	<b>Remove/Install</b>		
2	Unscrew bolts (3) from floating caliper carrier (1)		*BA42.10-P-1002-17B
3	Detach floating brake caliper (2)	Do not unscrew brake hose.	
4	Remove brake pads (4)	<b>Installation:</b> Only complete sets of brake pads approved by Mercedes-Benz may be installed. Brake pads must be disposed of as special waste. Please ask local authorities if it is permitted to dispose of these parts as household-like industrial refuse.	
5	Push back piston in floating brake caliper	Draw off some brake fluid beforehand to prevent the brake fluid reservoir overflowing when pressing back the piston	
6	Clean sliding caliper with caliper pad brush		*000589266800
7	Install in the reverse order		
8	Operate brake pedal several times until brake pads contact brake disks (firm resistance detectable).		
9	Check brake fluid in brake fluid reservoir and correct if necessary.	Pour in or draw off brake fluid up to the max. mark on the brake fluid reservoir.	
			*BF42.10-P-1001-01B

**Nm Rear axle floating caliper**

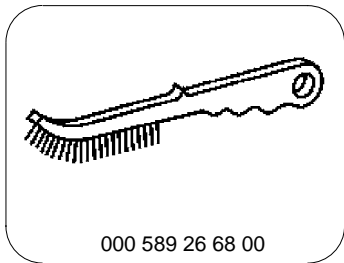
Number	Designation	Model
		463.243/244/245/ 246/247/248 / 249/250/254 / 309/322/323 / 332/333
BA42.10-P-1002-17B	Guide pins on caliper support	Nm 30

**Brake fluid**

Number	Designation	Model
		463.200/204/206/ 207/208/209/220/221/ 224/225/227/228/230/ 231/232/233/240/241/ 300/304/307/308/320/ 321/324/325/327/328/ 330/331
BF42.10-P-1001-01B	Brake fluid	Filling capacity Liters 5 0.45...0.6
	Operating fluid provisions	Sheet BB00.40-P-0330-01A Sheet BB00.40-P-0331-00A

**Brake fluid**

Number	Designation	Model	Model
		463.244/247 / 250/254/309 / 322/332	463.243/245 / 246/248/249 / 270/271323 / 333
BF42.10-P-1001-01B	Brake fluid	Filling capacity Liters 5 0,81	5 0.83
	Specifications for Operating Fluids	Sheet BB00.40-P-0330-01A Sheet BB00.40-P-0331-00A	BB00.40-P-0330-01A BB00.40-P-0331-00A



000 589 26 68 00

Brake caliper brush

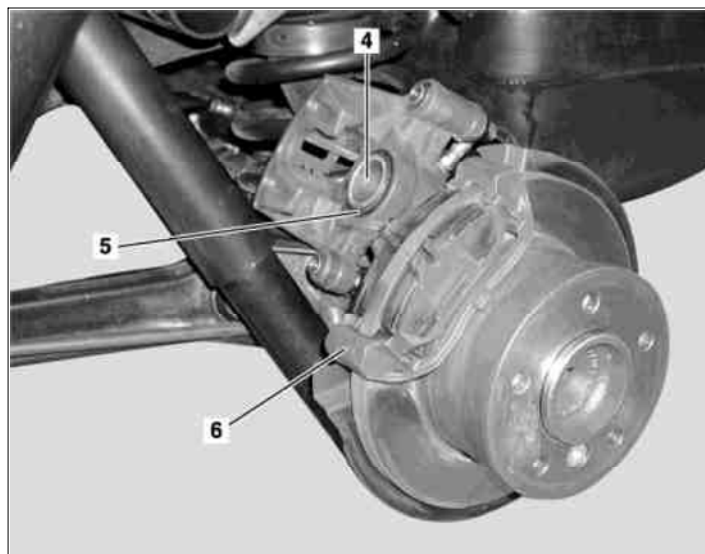
MODELS 461.302 /326 /332 /335 /336 /342 /365 /366

MODELS 463.206 /209 /232 /233 /240 /241 /243 /244 /245 /246 /247 /248 /249 /250 /254 /308 /309 /322 /323 /3 30 /331 /332 /333
















MODELS 463.241/ 248


Rear axle brake disk shown

6 Caliper support




P42.10-2156-11

☐	Check		
1  	Check lining thickness of brake pads and condition of brake disks.	Model 461 with brake wear indicator except 461.302/332/342 Model 463, 461.302/332/342  If the brake pads are worn down beyond the permissible wear limit, the web between sealing groove and dust cap may be damaged, for this reason:   Inspect brake system for leaks with pressure tester.	AP42.10-P-4251GA AP42.10-P-4251G  AR42.10-P-0015GG
	<b>Remove/Install</b>		
 <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.	AS42.50-Z-0001-01A
 <b>Danger!</b>	<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 engine, actuate brake pedal several times until the pressure is built up and maintained in the brake system.	AS42.50-Z-0002-01A
	Brake fluid notes	All models	AH42.50-P-0001-01A
	Notes on repairs to brake system	All models	AH42.00-P-0003-01A
2	Remove rear axle brake caliper	 Do not disconnect brake line. Only detach brake caliper and hang up to one side with wire.	AR42.10-P-0080AA
3	Remove brake pads	 <b>Installation:</b> Rub the side surfaces of the brake pads lightly with brake pad paste.	*BR00.45-Z-1004-06A
4	Remove brake caliper support (6)	 <b>Installation:</b> Replace self-locking bolts. 	*BA42.10-P-1003-17B
5	Reset parking brake brake shoes		AR42.20-P-0540GI
6	Unscrew security bolt and remove brake disk	 <b>Installation:</b> Always replace brake disks in pairs. Grease the machined seat of the brake disk lightly with MB long-life grease. Replace security bolt. 	*BR00.45-Z-1001-06A  *BA42.10-P-1001-06B
7	Install in the reverse order		
8	Adjust parking brake		AR42.20-P-0540GI
9	Hydraulic brake system - check fluid level, correct if necessary		

 **Rear axle floating caliper**

Number	Designation		Model 461.302/ 332/342
BA42.10-P-1003-17B	Self-locking bolt, brake caliper support to rear axle tube	Nm	85

 **Rear axle floating caliper**

Number	Designation		Model 461.326/335/ 336/365/366	Model 463.206/209 / 232/233/240 / 241/308/330/331	Model 463.243/244 / 245/246/247 / 248/249/250 / 254/309/322 / 323/332/333
BA42.10-P-1003-17B	Self-locking bolt, brake caliper support to rear axle tube	Nm	85	85	85

 **Brake discs, brake caliper dust shield**

Number	Designation		Models 460, 461	Model 463
BA42.10-P-1001-06B	Locking bolt, brake disk to wheel hub	Nm	25	25

 **Brake fluid**

Number	Designation		Models 460, 461	Model 463.200/204/206/ 207/208/209/220/221/ 224/225/227/228/230/ 231/232/233/240/241/ 300/304/307/308/320/ 321/324/325/327/328/ 330/331
BF42.10-P-1001-01B	Brake fluid	Filling capacity	Liters	5 0,45-0,6
		Operating fluid	Sheet	BB00.40-P-0330-01A
		provisions	Sheet	BB00.40-P-0331-00A

 **Brake fluid**

Number	Designation		Model 463.244/247 / 250/254/309 / 322/332	Model 463.243/245 / 246/248/249 / 270/271 323 / 333
BF42.10-P-1001-01B	Brake fluid	Filling capacity	Liters	5 0,81

Operating fluid provisions	Sheet	BB00.40-P-0330-01A	BB00.40-P-0330-01A
	Sheet	BB00.40-P-0331-00A	BB00.40-P-0331-00A

**Auxiliary repair materials**

Number	Designation	Order number
BR00.45-Z-1001-06A	MB long-life grease	000 989 63 51
BR00.45-Z-1004-06A	Brake pad paste	001 989 10 51