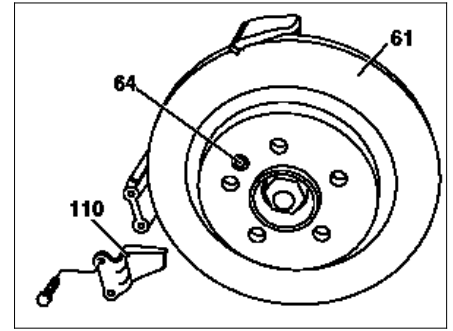


MODEL 163.113 #A up to 289564,
 163.113 #X up to 754619, with floating caliper
 163.154 #A up to 289564,
 163.136
 MODEL 163.154 /157 with CODE (494) USA version

- 61 Brake disk
- 64 Security bolt
- 110 Support plate






P42.10-0450-01

Modification notes


29.11.11	Long-life grease repair materials replaced by hot-grease paste	Operation step 9
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		Remove/install	
⚠	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
📌		Notes on repairs to brake system	AH42.00-P-0003-01A
1	👉 AP	Remove wheels Remove/install wheels, rotate if necessary	AP40.10-P-4050GH
2		Release parking brake	i Only if removing brake disks (61) at rear axle.
3	👉 AP 👉 AP	Check brake lining thickness and brake disks (61) Inspect condition of brake disks Check brake lining thickness	i Only replace brake pads and brake disks (61) in complete sets if necessary. i If the brake pads have worn down to beyond the wear limit, the bar between the sealing groove and dust cap may be damaged; therefore: ↓ Inspect brake system for leaks with pressure tester. AR42.10-P-4258GH AR42.10-P-4253GH AR42.10-P-0015GH
4		Remove brake disk	Remove/install front axle brake caliper. Remove/install rear axle brake caliper. 📌 Do not detach brake hose, instead attach brake caliper to vehicle so that it is free of tension. Do not kink or tension brake hose, as otherwise it will be damaged. AR42.10-P-0070GH AR42.10-P-0080GH
5		Preloading automatic cable slack adjuster	i When removing the rear axle brake disks (61). AR42.20-P-0520-01A
6		Remove support plate (110)	Nm *BA42.10-P-1001-18A
7		Remove locking bolt (64) and remove brake disk (61)	📌 When removing brake disk (61) on rear axle: If parking brake drums are run in, turn back the adjusting mechanism of the parking brake beforehand. Otherwise the brake shoes will be damaged. See: ↓ Adjust parking brake i Installation: Replace securing bolt (64). Nm Nm AR42.20-P-0540GH *BA42.10-P-1001-06A *BA42.10-P-1002-06A
🧼		Clean	
8		Clean contact surfaces and seat of brake disk (61) if necessary	
9		Lightly grease seat of brake disk (61)	Hot lubricating paste *BR00.45-Z-1005-06A
🔍		Checking	
10		Check condition of brake shoes of parking brake	i After removing rear axle brake disk (61), if necessary: ↓ Replace parking brake brake shoes AR42.20-P-0530GH
11		Install in the reverse order	

12	Check version of pedal assembly Parking brake pedal assembly modified	 After installing of brake disk (61) on rear axle.	BT42.20-P-0510-01A
13	Adjust parking brake	 After installing brake disk (61) on the rear axle	AR42.20-P-0540GH
14	Release automatic slack adjuster	 After installing brake disks (61) on rear axle	AR42.20-P-0520-02A

 **Support plate**

Number	Designation	Model 163	
BA42.10-P-1001-18A	Hexagon bolt, brake lining support plate to wheel carrier	Nm	25

 **Brake discs, brake cover plate**

Number	Designation	Model 163	
BA42.10-P-1001-06A	Locking bolt of rear axle brake disk	Nm	23
BA42.10-P-1002-06A	Locking bolt of front axle brake disk	Nm	23

Repair materials

Number	Designation	Order number
BR00.45-Z-1005-06A	Paste, hot lubrication 1 kg, DB supply specification 6879.20	A 000 989 76 51