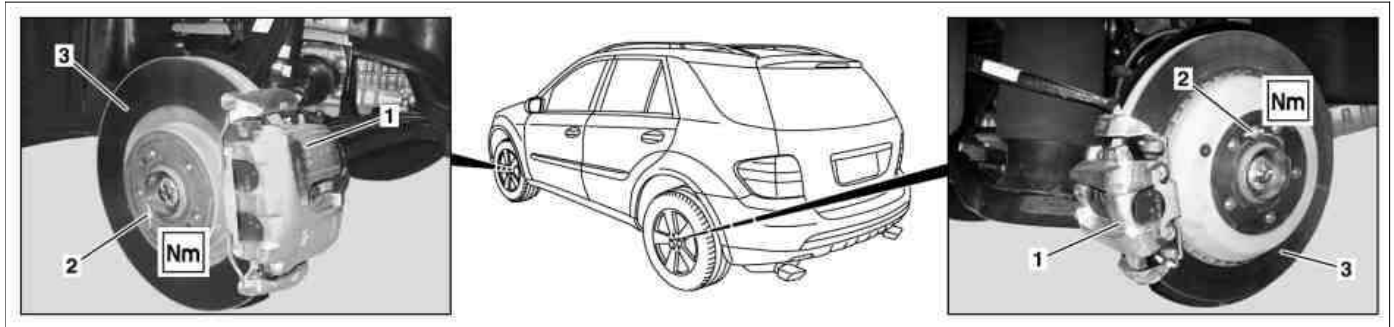


Model 164, 166, 292

Modification notes

03.11.2015	Method adapted	AS 2.2	
01.06.2015	Method adapted	AS 2.2	



P42.10-2455-07

Shown on model 164

1 Brake caliper

2 Screw

3 Brake disk

Danger!	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
	Notes on repairs to brake system		AH42.00-P-0003-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	Remove/install		
1	Release parking brake	Only if removing brake disk (3) at the rear axle.	
2.1	Detach brake caliper (1) or brake caliper support from steering knuckle or wheel carrier on front axle	When removing brake disk (3) on front axle. Do not kink brake hose or subject it to tension and fasten brake caliper (1) free of tension at vehicle. Otherwise the brake hose will be damaged. Do not detach brake hose at brake caliper (1).	AR42.10-P-0070GZ
2.2	Remove brake linings	Model 166, 292 Only if removing brake disk (3) at the rear axle. Do not kink brake hose or subject it to tension and fasten brake caliper (1) free of tension at vehicle. Otherwise the brake hose will be damaged. Do not detach brake hose at brake caliper (1).	AR42.10-P-1700W
3	Reset parking brake on brake adjuster	Model 164 Only if removing brake disk (3) at the rear axle. If the parking brake drums are run in, turn back the brake adjuster of the parking brake. Otherwise the parking brake shoes may be damaged.	AR42.20-P-0540GZ
4	Unscrew bolt (2)	Installation: Replace bolt (2).	

		Safety screw, brake disk to rear axle	*BA42.10-P-1001-13B
		Safety screw, brake disk to front axle	*BA42.10-P-1001-11A
5	Remove brake disk (3)		
	Check		
6	Check brake disk (3) for wear and condition	Model 164 Model 166 Model 292 If there are problems ↓ Always replace brake disks in pairs	AP42.10-P-4258GZ AP42.10-P-4258GQ AR42.10-P-0120A
7	Check parking brake shoe for condition and lining thickness	Model 164 Only if removing brake disk (3) at the rear axle. If there are problems ↓ Replace parking brake brake shoes	AR42.20-P-0530GZ
	Clean		
8	Clean contact surfaces and interference fit of brake disk (3)		
9	Lightly grease interference fit of brake disk (3)	Paste, hot lubrication 1 kg, DBL 6879.20	*BR00.45-Z-1005-06A
10	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.	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
11	Operate brake pedal several times until brake linings (3) rest against brake disks	Firm resistance should be noticeable at the brake pedal.	
12	Check fluid level in the brake fluid reservoir, correct if necessary		AP42.10-P-4210GZ
13	Adjust parking brake	Model 164 Only if removing brake disk (3) at the rear axle.	AR42.20-P-0540GZ
14	Check function and effectiveness of brake system		AP42.00-P-4290BA

Front axle brake disks

Number	Designation		Model 164.1/8	Model 166
BA42.10-P-1001-11A	Safety screw, brake disk to front axle	Nm	10	10

Front axle brake disks

Number	Designation		Model 292
BA42.10-P-1001-11A	Safety screw, brake disk to front axle	Nm	10

Rear axle brake disks

Number	Designation		Model 164.1/8	Model 166
BA42.10-P-1001-13B	Safety screw, brake disk to rear axle	Nm	10	10

Rear axle brake disks

Number	Designation		Model 292
BA42.10-P-1001-13B	Safety screw, brake disk to rear axle	Nm	10

Repair materials

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