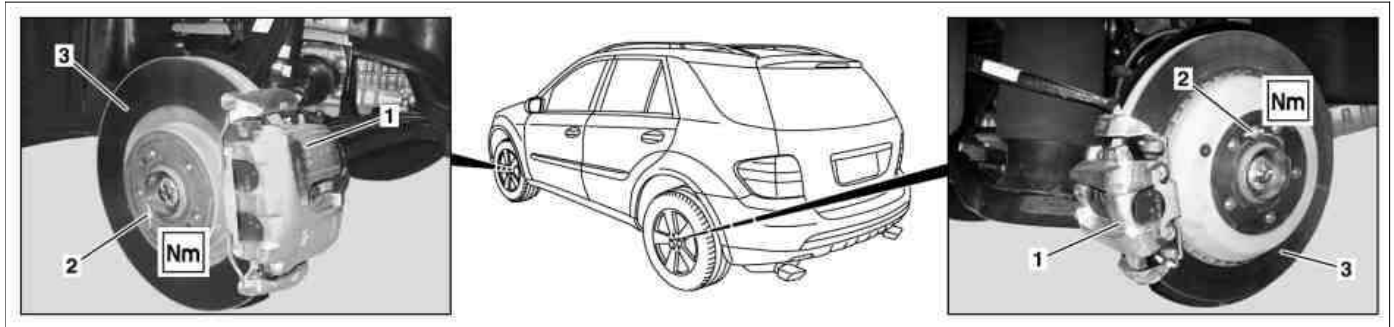


Model 164, 166, 292

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 |