

# Disc Brake Fitting Instructions

## Brake Disc

### 1. Removing the brake disc

- Check suspension and brake components for damage.
- **Replace defective parts!**
- Unbolt the caliper and remove.
- **Ensure no tension load is applied on the brake hose.**
- Uninstall caliper bracket, if required.
- Remove brake disc.



### 2. Derusting and cleaning the wheel hub

- Thoroughly remove surface rust from wheel hub mounting face.
- Derust wheel hub and clean thoroughly.
- Check brake anchor plate and wheel hub mounting surface for damage.

We recommend checking the mounting faces for true running using a dial gauge and stand.

Lateral run-out should not exceed 0.04mm. In case it does we recommend installing a MEYLE-ORIGINAL wheel hub.



### 3. Installing the new brake disc

**CAUTION:** Always replace the brake pads along with the brake discs.

#### MEYLE-ORIGINAL brake discs:

- Remove corrosion inhibitor from the new MEYLE-ORIGINAL brake disc using suitable cleaning agent.
- The new brake disc must be entirely free of residual grease!
- Position new brake disc on wheel hub and secure, if necessary.

#### MEYLE-PD brake discs:

- MEYLE PD brake discs come as ready-to-be-installed assemblies. They do not require cleaning and/or degreasing.
- **CAUTION: Do not remove the anti-corrosion coating of the MEYLE-PD brake disc.**
- Position new brake disc on wheel hub and secure, if necessary.



### 4. Post-installation testing

- Measure brake disc for lateral run-out at approx. 15mm from outer disc edge.
- When installed, lateral run-out should not exceed 0.13mm.
- Use appropriate tooling.

**CAUTION:** Always replace all brake discs and pads per axle! Always replace brake pads along with brake discs (for instructions see right-hand column).



## Brake Pad

### 1. Removing the brake pads

- Unbolt the caliper and remove.
- **Ensure no tension load is applied on the brake hose.**
- Uninstall worn brake pads.



### 2. Derusting mounting and guide surfaces

- Thoroughly remove surface rust from brake pad mounting face.
- Depending on brake design, also derust and clean caliper bracket guide surfaces using an appropriate brush.
- **Do not damage caliper bracket!**
- Also check brake caliper, anchor plate, tightening screws, guide plates and other small system parts for rust and damage and replace, if necessary.

**CAUTION:** Do not use compressed air to clean brakes, as this will stir up fine dust which, when inhaled, is a serious health hazard.



### 3. Retracting the brake piston

**CAUTION:** Have an electric parking brake and pull-away assistant replaced by an expert using suitable electronic tooling to ensure proper functioning and prevent damage.

- Prior to proceeding, check brake fluid level and drain some fluid, if necessary.
- Wind back brake piston using suitable retraction tool. Adhere to manufacturer's specifications!



### 4. Installing new brake pads

- Lubricate mounting surfaces as well as guide and contact surfaces on caliper bracket and brake pad using high-temperature-resistant, metal-free for-life grease.
- **Keep brake pad friction surfaces free of grease!**
- Mount new brake pads and ensure they move freely.
- Reinstall caliper.



## MEYLE's advice:

### System function check:

- Pump brake pedal until the brake pads touch the brake discs.
- After pedal has been depressed several times pedal travel must not vary at constant pedal load.
- Check wheels for free rotation.
- Check brake fluid level in expansion tank and top up, if required.
- Perform test stops.

### CAUTION:

- Always replace brake pads along with brake discs.
- Always replace all brake discs and pads per axle! When replacing the brake pads only, follow the instructions in the column "Brake Pad".
- These repair instructions are for information purposes only and do not substitute the specifications of the vehicle and brake manufacturers.
- Brake system repairs may only be performed by adequately skilled and trained personnel.
- Break-in new brake discs and pads carefully.
- Avoid unnecessary heavy braking on the first 200 kilometres.
- Brake performance can be lower on the first 200 driven kilometres.

To learn more about MEYLE premium-grade brake parts visit [www.meyle.com](http://www.meyle.com).

