

Mounting instruction

probrake FORCE Wave-brake disc



Congratulations on your newly acquired probrake brake disc!

Enclosed you will find some useful tips and information that should be observed during installation and use. probrake brake discs meet the highest quality standards, have been manufactured with the utmost care and went through a large number of tests. You will find an ABE (general operating permit) enclosed with the brake disc. After installation, this is part of the vehicle documents and must be carried with you on every trip. *

Please always remember that brake discs are safety-relevant vehicle parts. It is your responsibility to regularly check if service or replacement is necessary. Necessary work should always be carried out by suitably qualified persons. As these fitting instructions are intended as a general guide only, always refer to the vehicle manufacturer's workshop manual for vehicle specific instructions.

Hints

- o Only use suitable tools
- o Make sure that the motorcycle is fixed securely during the work
- o The fork or swingarm must be relieved during the conversion
- o Always change both brake discs on motorcycles with double discs
- o Always use new brake pads with new brake discs
- o All common types of brake pads with ABE can be used. We recommend sintered metal mixtures, e.g. from AP-Racing

Disassembly

To remove the original brake discs, follow the instructions in the workshop manual.

After removing the old brake disc(s), check the contact surface on the wheel for dirt such as sealant, paint residue and damage. Carefully remove any dirt, otherwise the new brake disc will not lie flat and the brakes may judder or make noise.

Assembly

Before installation, compare all dimensions of the new brake disc with the original.

Place the new brake disc on the wheel and tighten the original fastening screws crosswise according to the manufacturer's instructions. Please pay attention to the tightening torque specified by the manufacturer. Apply a fine coat of medium-strength sealing compound to the threads of the fastening screws beforehand. Be sure to replace damaged fastening screws with **new** screws.

On motorcycles with double discs, make sure that the brake discs are in the same position in relation to each other! On some vehicle models, a spacer ring is fitted between the wheel flange and the brake disc, which has to be reused. The ABS rings are still used on some vehicles. Before installing the new brake pads, check the pistons of the brake calipers for a free movement, as jammed pistons can damage the brake discs. Follow the manufacturer's instructions again for wheel assembly.



Run-in process

To achieve maximum braking performance, brake discs and pads must be run in. At the beginning, apply the brake with a force of 50% and repeat this process approx. 20 times. You will notice that the pressure point is very soft at the beginning and then becomes steadily harder. This shows that the brake discs and pads are adapting better and better. Then brake a few times with as much force as possible and let the system cool down in between.

guarantee

probrake brake discs may only be used with new brake pads. These brake pads must be street legal / road approval (ABE). If probrake brake discs are used in racing, all warranty claims are void. probrake brake discs have a wear indicator. If this falls below, the guarantee expires and the brake discs must be replaced.

Troubleshooting

Should it be necessary to check the brake disc(s), please note the following points: Always send in the brake discs together with the pads used. Otherwise, processing is not possible. If possible, please enclose a copy of the invoice or delivery note, a description of the reason for the complaint, specification of the motorcycle type and mileage of the brake discs.

Particularities

Harley-Davidson brake disc assembly:

probrake brake discs for Harley Davidson motorcycles contain spacers for the inner diameter and the bolt holes. When mounting on the front axle, the spacer rings for the screw holes must be used. These reduce the hole diameter from 10.50mm to 8.50mm. The inner diameter spacer ring must be used on both the front and rear axles on models with brake discs with an inner diameter of 50.50mm. For all other models, it is not required.

** When using the brake discs on the motorcycles described in the enclosed certification documents, which have been put on the market with an individual operating license (EBE) according to §21 StVZO, an immediate inspection of the installation or attachment of the vehicle parts has to be done by an officially recognized expert or inspector for the motor vehicle traffic or by a motor vehicle expert or an employee in accordance with number 4 of Appendix VIIIb to the StVZO.*