

INTRODUCTION

Welcome to the Beast family! Thank you for putting your trust in our components. You have chosen one of the sturdiest, lightest and best quality products. Genuine craftsmanship – developed, designed and manufactured in Germany.

Your safety is very important to us, so please read this manual carefully before you install your new Beast Components product or ride it for the first time. Third party users must also be informed about the following provisions. Therefore, please keep these instructions in a safe place for later usage.

These operating instructions are intended for the user of all our Flat Bars 2.0 and include information on the installation, maintenance and care. For your own safety please follow all instructions.

Your Beast Components-Team

Release your beast and share experiences with our community!
#beastcomponents #releaseyourbeast #beabeast



ATTENTION:

Incorrect handling, installation, maintenance or servicing can lead to accidents causing severe injuries or death!

WARRANTY & SERVICE



OUR PROMISE

We manufacture the highest quality products for your bike and also want to ensure the best possible service and support. Therefore we offer the original owner of Beast Components products a 5-year warranty and a lifetime crash replacement program for our entire product range.



PRODUCT REGISTRATION

To get the manufacturer's warranty and to participate in the crash replacement program, you must register your components with us. Send us an email with a copy of the invoice and the following information to registrierung@beast-components.de:

Name, First Name
Address
Phone number



5 YEARS MANUFACTURER WARRANTY

We vouch for the quality of our products „Made in Germany“. This is why we warrant our carbon products to be free from defects in material or workmanship for five years from the original purchase date (product registration required).

Modified, misplaced, misused, improperly installed or obviously abused Beast Components products are not covered by this warranty.

Based on this warranty, the company Black East GmbH is not liable for compensation, especially not for indirect damage caused by accidents, collateral damage and consequential damage.



LIFELONG CRASH REPLACEMENT

We offer the original owners of Beast Components products a lifetime crash replacement program that covers all damages (optical damages are excluded) outside of the warranty, whether self-inflicted or third-party caused (product registration required).

In this case we guarantee you a one-time discount of 50% on our recommended retail price if you decide to buy any new Beast Components product in the same product category.

Please note that VAT, packaging, shipping and installation costs and any import duties are not covered.

INTENDED OF USE

The intended use of Beast Components products is divided into six categories, from riding on paved roads to downhill and freeride use. Details can be found in the enclosed classification or at www.beast-components.de/service. Beast Components products may only be used within or below the intended category. Otherwise the user takes full responsibility.



FLAT BAR 2.0

Includes category 4, as well as rides on very rough and partly blocked terrain with sporadic jumps of up to 1.0m and occasionally rides in designated sport and bike parks. Very high standards of riding skills are required.

For components in this category, it is essential to ensure that an intensive check for possible damage is carried out after each ride. Previous damage can lead to failure even at much lower loads.

GENERAL INFORMATION

Damage can lead to failure of the components and thus to serious injury or even death. Externally damaged or defective components must not be used under any circumstances and must be replaced immediately. If you are unsure, contact us or your dealer.

WEIGHT LIMIT

The Flat Bar 2.0 is not subject to any weight restriction.

SHORTEN CARBON HANDLEBARS

The Flat Bar 2.0 may be professionally shortened, but only to a width that the brake levers can be mounted on the provided clamping area. For this purpose wrap the affected areas with crepe tape. Shorten carbon handlebars only with a fine-toothed carbon blade or a Dremel. The use of a metal pipe cutter is not permitted. After trimming, the crepe tape can be removed and, if necessary, the ends deburred with fine sandpaper.

APPEARANCE

Our components are 100% handmade. Thereby it can come to different appearances. It makes each component unique and has no influence on the safety. By direct incidence of light you get a great view of the individual fibers with partly shimmering shades.

INSTALLATION



INSTALLATION COMPATIBILITY

You can use your Flat Bar 2.0 with all conventional stems. The diameter of the clamping area of the stem should be 31.8mm (± 0.15 mm). The width of the handlebar clamping of the stem must not exceed 60mm.

Make sure that the handlebar clamp of the stem as well as the brake and shift levers have no sharp edges. We do not recommend to use them. If you still intend to do so, please remove burrs from all sharp edges in the clamping area of the handlebars carefully with a file and abrasive and round them off. Please note that this measure may void the manufacturer's warranty. Contact the manufacturer if necessary.

INSTALLATION ON THE STEM

- Use the supplied carbon assembly paste for mounting the stem to reduce the necessary tightening torque, thus relieving the material. To do this, apply the assembly paste to the clamping areas.
- The handlebars may only be mounted with grease-free screws.
- Position the handlebar in the center and do not tighten the stem bolts to the maximum torque immediately, instead tighten them gradually and alternately.
- Be sure to observe the maximum tightening torque of 5Nm.

When mounting the stem indentations in the handlebar can occur depending on the design, mounting and tightening torques. This is quite normal. If you are unsure about the safety, you can contact us.

INSTALLATION OF BRAKE AND SHIFT LEVERS



ATTENTION: COMPONENT MOUNTING ON CARBON HANDLEBARS

Some new brakes and shifts on the market have a very unfavorable clamp design for carbon and lightweight handlebars. The clamps are not round and the contact surface is minimal. Loads are thus no longer distributed evenly over the clamping area of the handlebars, instead they lead in locally. In addition, the maximum Nm values specified by the component manufacturers usually refer to aluminum handlebars.

Due to this development our MTB handlebars have received an upgrade. We use a special polyester prepreg mesh as a top layer for the clamping area for the brake and shift fittings. It has a high strength and creep resistance and at the same time has a low sliding friction and sliding wear. We use it exclusively in the clamping areas. Thus, punctual loads are absorbed much better and distributed evenly over the handlebars. Impressions of the clamps are reduced to a minimum and the carbon layers underneath are protected.

Please read the following section carefully and follow the instructions.

- Use the supplied carbon assembly paste for mounting the stem to reduce the necessary tightening torque, thus relieving the material. To do this, apply the assembly paste to the clamping areas.



Attention: Distinction between unfavorable and favorable clamp designs.

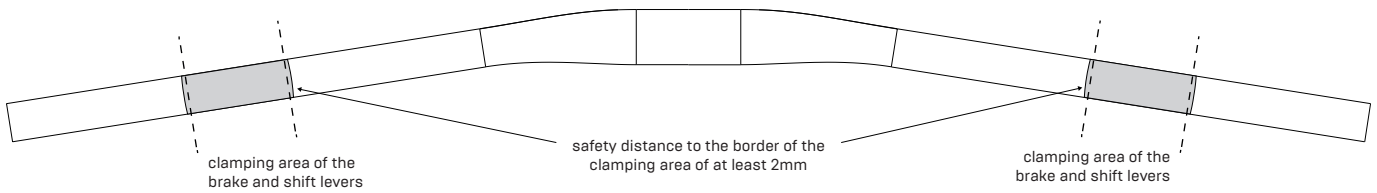
When mounting the brake and shift levers, a distinction must be made between unfavorable and favorable clamping designs. An overview of critical features of unfavorable clamping designs can be found on the next page. Please check very carefully whether your components fall under this category. If you are unsure, please feel free to contact us.

- If you intend to use brake and shift fittings with an unfavorable clamping design, the tightening torque should be a maximum of 3 Nm.
- If you intend to use brake and shift fittings with a favorable clamping design, the tightening torque can be increased to a maximum of 6 Nm.



ATTENTION: TIGHTENING TORQUES

In general, the fittings should only be tightened that they can just no longer be twisted. For this reason, the specified maximum tightening torques should usually not have to be used!



Attention: TRICKSTUFF brakes

The TRICKSTUFF brakes Maxima and Direttissima have only a one-sided support of the brake pump. Furthermore, the brake body is not twist-proof toward the milling clamp. Due to this, even minimal, but adverse forces on the brake pump and / or on the brake lever connection can cause local damage to the handlebars. After each fall, as well as after each impact against the brake pump, the brake lever or the brake lever connection, the carbon handlebar must be checked immediately for signs of irregularities! In case of doubt, the handlebar should be replaced. Otherwise, the handlebar may suddenly break.



Attention: Clamping area

The brake and shift levers may only be mounted in the clamping area. The distance between the levers and the edge of the clamping area must be at least 2mm. Please refer to the illustration above.

INSTALLATION OF HANDLEBAR GRIPS

Handlebar grips may be fastened with a maximum of 2Nm.

INSTALLATION OF BARENDS

The mounting of barends is not permitted on the Flat Bar 2.0.

	examples of unfavorable clamp designs	examples of favorable clamping designs
clamp with narrow and small clamping surface / clamping via narrow bars		
non-round clamping		
asymmetrical clamping slot and / or oblique clamping screws		

MAINTENANCE AND CARE

Always inspect your Beast Components product for integrity before riding. Damage can lead to component failure, resulting in serious injury or even death. Defective components should not be ridden on under any circumstances and should be replaced immediately. If you are unsure, contact us or a specialist dealer.

The following points should always be observed:

- After every crash and impact, the carbon handlebar must be checked for cracks, nicks and dents. To do this, all of the fittings must be unscrewed. Even if no obvious defects such as cracks, deformation or the like are visible, we can not guarantee safe operation. Please consult a specialist dealer or contact us. In case of doubt, the handlebar should be replaced.
- **Attention:** It is mandatory to check the Flat Bar 2.0 for possible damage after each race, in sports and bike parks because of heavier loads.
- Regularly check whether the screws are tightened to the correct torque (see item „Installation“).
- Inspect the handlebar for signs of material fatigue and stresses, such as cracks and dents.

- Clean your handlebars only with water or, if necessary, with a commercial detergent.
- **Attention:** Upon longer exposure, brake fluid may attack epoxies and resins as well as other coatings used in carbon components (Brake fluid is highly deliquescent). Therefore, if brought into contact with any carbon component such as handle bars please ensure that the affected area is thoroughly cleaned with water to avoid any damage.



DISPOSAL AND ENVIRONMENTAL PROTECTION

The statutory regulations shall apply. Whenever possible, avoid creating waste.

Waste, especially carbon, lubricants, cleaners and any other fluids must be disposed in an environmentally compatible manner.

CONTACT

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