

### INTRODUCTION

Welcome to the Beast family! Thank you for putting your trust in our components. You have chosen one of the sturdiest, lightest, 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 stems and include information on the installation, maintenance and care. For your own safety please follow all instructions. The instruction manuals of all other components on your bike should also be taken into account.

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](mailto: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 5 years from the original purchase date (product registration required).

Modified, misplaced, misused, improperly installed or obviously abused Beast Components carbon 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

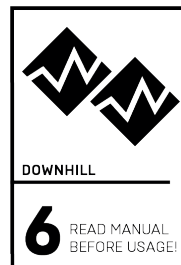
We offer the original owners of Beast Components products a lifetime crash replacement program that covers all damages (optical damages are excluded) outside of the warranty, whether self-inflicted or third-party caused (product registration required).

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/en/service](http://www.beast-components.de/en/service). Beast Components products may only be used within or below the intended category. Otherwise the user takes full responsibility.



#### MTB STEM

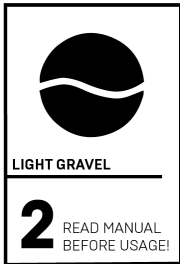
Includes category 5, as well as rides on official downhill tracks and sports and bike parks. Very high standards of riding skills are required.

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.



### ROAD STEM UP TO 100MM LENGTH

Includes category 2, as well as rides on paths, such as paved and unpaved paths where roots, thresholds, stones and drops are more common, although the wheels are in constant contact with the ground or temporarily lose contact with the ground due to unevenness such as roots. Drops of up to 15 cm, e.g. kerbs, can be ridden down.



### ROAD STEM FROM 110MM LENGTH

Includes category 1, as well as rides on paths that are paved by sand, gravel or similar materials (e.g. forest road, field path). Roots, thresholds, stones and drops may not be present, or only to a limited extent, on paved hiking trails.

The wheels are in constant contact with the ground. May briefly lose contact with the ground due to minor unevenness such as roots.

## GENERAL INFORMATION

Damage can lead to failure of the component 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

Both Road Stem and MTB Stem are not subject to any weight restriction.

### 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

Before mounting, make sure that the diameter of the steerer tube (1 1/8") and the clamping diameter of your handlebar (31.8mm) is suitable for your Road Stem or MTB Stem.

### MOUNTING THE STEM ON THE STEERER TUBE

- Be sure to observe the specifications of the fork manufacturer and / or read through the instruction manual of your bike or fork before mounting. Especially with carbon forks, the maximum tightening torque should be observed.
- The stem may only be mounted with grease-free screws.
- Use the supplied assembly paste between the steerer tube and stem. This reduces the necessary torque and the material is relieved.
- Slide the desired number of spacers and afterwards the stem onto the steerer tube. To do this, loosen both screws if necessary.

**Advice:** Road stems can be mounted negatively (directed downwards) as well as positively (directed upwards).

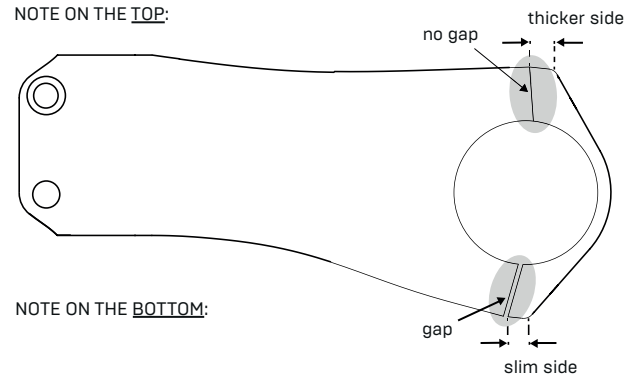
- To ensure a proper clamping, the steerer tube has to protrude over the stem and at least one spacer has to be installed on top of the stem
- Install the ahead cap and adjust the bearing clearance.
- Align the stem to the front wheel and gradually and alternately tighten the stem clamping screws with a torque wrench. In between, do a twist test. For this you clamp the wheel between the legs and check whether the stem is fixed in the steerer tube so that it cannot twist.

If necessary, increase the torque in small steps up to the maximum tightening torque of 5Nm. However, never exceed this maximum permissible torque!

### MOUNTING THE HANDLEBAR

- Use the supplied assembly paste between the steerer tube and stem. This reduces the necessary torque and the material is relieved as well as a higher protection against twisting is ensured.
- Align the handlebars centrally to the stem and turn it to the desired position.
- Position the clamping cap with the thicker side facing upward and install all clamping screws. First tighten the upper clamping screws alternately with a maximum of 5Nm, so that the gap between the cap and stem is closed.
- Then tighten the lower screws with a maximum of 5Nm to clamp the handlebar securely. On the underside, a gap should be visible between the stem and the cap, as shown in the following figure.

NOTE ON THE TOP:



NOTE ON THE BOTTOM:

## 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 driven on under any circumstances and should be replaced immediately. If you are unsure, contact us or a specialist dealer.

The following issues should always be considered:

- Regularly check that the screws are tightened to the correct torque (see section „Installation“).
- Inspect the stem for signs of material fatigue and stresses, such as cracks and dents.
- Regularly check the inside of your stem for moisture and remove it if necessary.
- Clean your handlebars only with water or, if necessary, with a commercial detergent.

- After every crash and impact, the handlebar and stem 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 stem should be replaced.

Proper maintenance and care ensure a long service life and reliable function.



### **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**

Black East GmbH  
Beast Components  
Hermann-Mende-Str. 5-7  
01099 Dresden, Germany  
+49 351 501 937 00  
info@beast-components.de  
www.beast-components.de