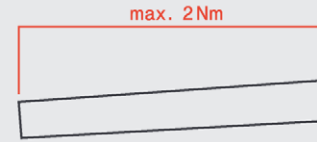




handlebar manual and product information

www.acros-components.com

1



rider weight max. 99kg

preparation

The clamping areas need to be absolutely clean and free of grease. Please use the Carbon-Assembly-Paste when mounting our carbon handlebar.

2

max. 6Nm

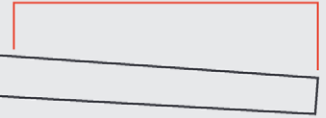


mount the handlebar

Place your handlebar centered and tighten the stem bolts with a torque wrench. Tighten with a maximum torque of 6 Nm.

3

max. 2Nm



grips

Tighten attachments to the outer area of your handlebar with a maximum torque of 2 Nm. Bar ends must not be used.

en

Non-observance of the advice given in this manual could cause accidents resulting in death or serious injury.

Read this manual carefully before performing any necessary assembly and maintenance work. It is essential to read and observe all assembly and maintenance instructions, including those given in the manuals of other manufacturers whose products are used on your bicycle (frame, fork, stem etc.). Ensure that all other users of your bicycle carefully read this manual and observe the instructions.

intended use

Any use differing from the intended one could cause accidents resulting in death or serious injury.

important safety information

If not properly performed, assembly and maintenance work could cause accidents resulting in death or serious injury.

- Do not overestimate your technical ability. All assembly and maintenance work shall be performed by a specialist workshop for bicycles. This is the only guarantee of having this work done in a professional way.
- Use only ACROS genuine parts.
- Always keep your bicycle in a faultless technical state.

Danger of accident through a wrong riding mode.

- Use only the range of application for which your ACROS product is designed for.
- When riding your bicycle you should always wear a new cycling helmet of good quality (e.g. ANSI certified). Your clothing should be close fitting, but not uncomfortable. For special types of use (e.g. downhill or free style) appropriate protective clothing is indispensable.
- Only ride your bicycle if you are in good physical condition.
- Don't jump with your bicycle – the forces created by such manoeuvres are enormous and frequently cause serious accidents, which can result in death.

You should also rely on your common sense and avoid any unreasonable behaviour!

Be sure to pay attention to the respective area of use of your acros product. Depending on the field of application, the products are designed for their area of use, and may break under overload or no longer work reliably. Permissible rider weight (rider + luggage): max. 99kg.

before the first ride

Never modify your acros products. Do not file or drill holes in components and do not shorten handlebars as this will damage their structures and void the warranty/liability! Our products are weight-optimized and any changes could damage the stability of the material and endanger your safety. Before each ride, check that all components are correctly adjusted and fixed. Important: If you have any questions, please contact your acros team or your specialist dealer.

carbon

Never mount bar ends, clip-on or aero attachments on your acros carbon handlebar. After each crash, replace the carbon parts on your bike as there may be invisible damage to the material and/or these parts may break without warning after overloading. If you are not sure, contact your specialist dealer or your acros team. Carbon parts must never be exposed to high temperatures and have a limited lifetime. Therefore, replace your carbon attachments every three years as a precaution.

general assembly instructions

Always have your acros products assembled by a specialist dealer. Only use acros components that are compatible with each other. We assume no liability for using an acros handlebar with a stem from another manufacturer. Pay attention to damage to the components during assembly. All screws are provided with a screw retention and must be replaced after loosening once.

mounting the stems

The clamping areas must be absolutely free of grease. Always use a suitable carbon paste at the stem/handlebar clamping areas. This creates additional adhesion between two surfaces and increases

safety. Grease all screws of the steerer tube clamp and the clamp at the headrest but not at the thread. Do not apply lubricant to the surface of the clamping areas of the fork, stem and handlebar. Slide the stem onto the fork. Depending on the length of the steerer tube and the desired stem height, add spacers (max. 40 mm) between headset and stem. The distance between the top edge of the stem and the top edge of the steerer tube must not exceed 2-3 mm to ensure reliable stem clamping. The clamping surface must be at least 38 mm and must not be less than this. If necessary remove spacers or use a longer steerer tube.

fix the stem

Adjust the headset and to adjust the bearing play, first open the stem clamping screws on the side. Carefully tighten the screw recessed in the clamping cover. This will reduce the bearing play and push the stem down. The headset is correctly adjusted when no more bearing play can be felt and the handlebars / fork can be turned easily. Important! This screw is an adjusting screw and not a fastening screw. Now align the stem with the alignment of the front wheel and alternately tighten the lateral clamping screws of the stem. Increase the tightening torque in 0.5 Nm steps up to a tightening torque of max. 6 Nm for steel / aluminium shafts. In case of doubt, keep to the values indicated on the components. For carbon shafts, contact the respective manufacturer to determine the correct tightening torques. Important! After your first ride, retighten all screws again with the correct torque!

mount the handlebar

Make sure that handlebars and stem are compatible (clamp diameter 35mm). The handlebar should be centered on the stem. The handlebar should be positioned to suit the ergonomic hand position. Your hand should form a straight line with the forearm and the fittings. Screw in the four clamping screws for the handlebar clamp until the clamping slot between the stem cover and stem body is the same width at the top and bottom. Now tighten the screws crosswise in 0.5Nm steps up to a tightening torque of max. 6 Nm. When in doubt, always adhere to the specified values. Also tighten the clamping screws of the fittings (handles, brakes, gear shift and other attachments) after alignment with a torque of max. 2 Nm.

maintenance & care

Please check the tightening torques of all screws after the first 100-300 km or 5 to 15 operating hours and after approx. 2000 km or 75 operating hours. For regular cleaning of the components it is best to use warm water with detergent and a soft cloth. Do not use aggressive cleaning agents such as acetone, trichloroethylene, methylene etc. as this could attack the paint and material. Check regularly and before each ride whether the bolts are tightened to the correct torque (see point 3.1 Mounting the stem and 4. mount the handlebar).

Also check the handlebars regularly and before every ride for signs of material fatigue, damage and tension, such as cracks, bumps, dents, discoloration or similar. Important! Loosened or overtightened screws can lead to an accident.

liability for material defects

During the first two years the statutory liability for material defects applies. This regulation only applies in countries that have ratified the EU draft. Excluded are components that are subject to natural wear and tear, e.g. ball bearings. If defects occur, please contact your acros team or your specialist dealer. Assembly or conversion costs or accessories will not be reimbursed in the event of a warranty claim. The statutory liability for material defects applies only to the first buyer upon presentation of the purchase receipt with the date of purchase as well as model name and use in the specified area of application. Excluded are damages due to wear and tear, neglect (lack of maintenance and care), falls, overloading as well as modification of the components (drilling, grinding, etc.) and improper assembly of the components. If you wish to claim a defect that has occurred, please print out the warranty form (www.acros-components.com), fill it in completely and send it to us together with the corresponding product:

ACROS Sport GmbH Benzstrasse 58 71272 Renningen Germany

Have fun with your acros product.

#ridemoreworryless