

Syntace

RACELITE 7075

E\\ Anleitung. 20190923

CONGRATULATIONS ON THE PURCHASE OF YOUR NEW SYNTACE RACELITE HANDLEBAR. PLEASE CAREFULLY

read all instructions as we have included some important information and helpful tips. Please be advised that all safety components on a bicycle have a "Elephantine memory", they remember all damage that has been caused (crashes and overloads), even if they occurred a long time ago. They all add up throughout use and reduce the lifespan of the component. This is why at Syntace, we work with a high overload safety factor in the design of the components. A regular replacement (such as every 2 years) of bars and headstem is not required according to our current technological understanding. However, we strongly recommend checking both bars and stem after each crash or harsh landing for hairline cracks, dents or grooves or to see if either are bent. Immediately replace the component at the slightest sight of damage!

Preparation

Sharp-edged welded steel or titanium stems act like knife blades for the handlebar. Therefore we strongly recommend carefully deburring and rounding-off all sharp clamping edges with a file and fine sandpaper. Please confirm in advance with the respective manufacturer whether this action would void the given warranty. Please check that the stem to be used has a clamping diameter of 26.0 respectively 31.8 mm $\pm 0,15$, otherwise change for a stem of correct dimensions.

TIP: On our website you will find further Information about suitable stems to the respective handlebars.

NOTE: since 2005 the entire Syntace handlebar selection has been approved for 4-bolt stems, but can still be used with 2-bolt stems.

Installation

- First slide the brake and shifter units onto the handlebar (... because if the handlebar is installed, the short cables may prevent this process).
- Syntace Racelite Carbon handlebars are not to be used without brake levers. Otherwise you may risk premature failure, because the levers have a stabilizing function.
- Move the Syntace handlebar into the desired position. Ensure that the handlebar is centred.
- Now press the handlebar into the „Snap-Fit“ clamp of the Syntace stem. Position the handlebar ends horizontally or with a slight forward upward angle. Now alternately tighten the headstem clamping bolts in small steps according to the recommendation of the stem manufacturer, but with a maximum value of 8 Nm.
- With several headstem designs high torque or repetitive retensioning of the clamping bolts can lead to deformation of the headstem's handlebar seat and the handlebar. Such handlebars no longer maintain their full strength and must (even better together with the stem) be replaced!

PRO TIP: apply some bond 48 (or similar securing product, such as Loctite 648) to the clamping surface (especially effective for clamping of aero bars). For all carbon bars we recommend thinly applying a suitable carbon friction paste (such as the Syntace Dynamics friction paste). This assures the bar and stem are additionally secured from becoming loose, without having the screws over tightened through too much tension.

- Now align the brake and shift unit and tighten the clamps, and tighten with a maximum of the indicated torque.
- Now wrap the handlebar with bartape.

RECOMMENDATION: Syntace Cork Tape combines a high quality tearproof material with the legendary elliptical cross section. This allows a more aesthetically pleasing and even wrapping than conventional tapes.

Care, maintenance and safety

Proper maintenance and care will ensure a long life and reliable function of your Syntace products. Please follow these simple steps to maintain your system:

- Retighten all headstem bolts after approx. 1 hour of riding according to manufacturers recommendations.
- These Syntace stems and bars are exclusively designed for mountain bikes and road bikes.
- Regularly check all components and ensure they are still fastened securely
- Please do not repair any damaged components but replace them.

CAUTION ALUMINIUM BARS:

Using porous (penetrable) bar tape, can lead to permanent accumulation of especially sweat or gritty moisture, between grip and bar. As sweat (but also acidic cleaning chemicals) attacks anodized surfaces, the bar is to be checked regularly and changed upon any signs of corrosion, otherwise the bar will be increasingly prone to failure upon further use.

NOTE: Syntace Racelite Road bars made of 7075 alloy are not approved for assembly with bar end shifters that have an internal clamping mechanism.

WARRANTY

Instead of the legally required 2 year warranty, Syntace gives 10 years warranty from date of purchase on all material and manufacturing defects. Only condition: All components are to be installed and used as outlined in the owner's manual.

Within the warranty period faulty components will be assessed by Syntace Germany and accordingly either repaired or replaced. The exchange of a Liteville frame within the warranty period occurs free of charge within the first 5 years warranty, in the 5 -10th year a 50% discount on the respective current retail price is offered. For the Liteville 901 frame we give 3+7 years warranty, downhill use included.

If you would like to report a warranty case please send the component with a written explanation to:

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Tel. +49 (0)8634-66 666
Fax: +49 (0)8634-6365
Email: syntace@syntace.de

Further Information at:

www.syntace.de/support

Please note: The latest installation and operating instructions are always binding for your product at: www.syntace.de/support

