

AEROBARS

C3
XXS 31.8

We congratulate you to your Syntace bar. You made a good choice! Your Syntace bar has been designed and manufactured with out most care. It is necessary, though, to follow the instructions and to care for it accordingly.

Please keep in mind, that all parts relevant for the safety of your bike have an "elephantine" memory: any damage (through crashes or overload), even if long ago, will add up over the lifetime of the product. At Syntace we added a large portion of "overload protection."

A regular exchange (every 2 year, for example) is, according to our current knowledge, not necessary. But after a crash you should check especially stem, handle bar and aerobar for small fractures, grooves and dents. Check if stem or bar are bent. Replace those parts at the slightest sign of damage! Never try to straighten or "patch" damaged parts, replace them! If you don't, parts can fail and a crash with severe injuries may be the result.

Intended and proper use

Your aerobar can be mounted on all roadbars with 26.0mm diameter (the C3 on 31.8mm), that have been designed for use with aerobars (please contact your local bicycle store or handlebar manufacturer). Adapters from 26.0 to 31.8 and vice versa are available if required.

As with all new products we advice you to take the time needed to accustom yourself to your new Syntace product. We advice to try the product in a safe place, until you are completely familiar with the new handling characteristics of the aerobar. Please regularly check that all parts are securely fastened as outlined in this manual.

Caution: Please be aware that the brake levers can not be reached as quickly as before if riding in the stretched position. Therefore please ride especially defensively and alertly.

Mounting your new aerobar on dropstyle or bull-horn handlebars

- Prior to mounting your new aerobar please read the owners manual of your bicycle.
- Loosen the clamps with a Syntace allen key. This key is suitable for near to all Syntace components and should always be carried when cycling.
- Generally we advice the use of a torque tool such as the Syntace Torque Tool 1-20, to ensure correct torques are used.

TIP: Tighten steel- and ti-bolts with the short end of the hex key inserted (greater leverage). Yellow and silver Aluminium bolts should be tightened with the longer end of the hex key inserted (less leverage).

After removing the lower clamps and bolts, attach the left arm of your aerobar to your base handlebar, immediately left of the stem. Reinstall the clamp and bolts, then tighten the clamp bolts progressively by alternately tightening each bolt one to two turns until you begin to feel some tightening. Then, alternately tighten 1/4 turn per bolt until the specified torque of the handle bar manufacturer is achieved, but do not exceed a max of 10 Nm (90 lbf.in). The upper and lower clamp faces should be parallel to each other.

Attach the right arm in the same manner on the right side of the stem.

CAUTION:

- DO NOT mount the clamps on the tapered sections of your handlebar. A minimum of 20mm of continuous-diameter (26.0 or 31.8) is required on either side of your stem. This amount of continuous-diameter tubing is a standard feature on all Syntace handlebars.
- The cables are fed through from the rear end of the aerobars. The adjustment and fine tuning of the gears is to be performed by a qualified mechanic.

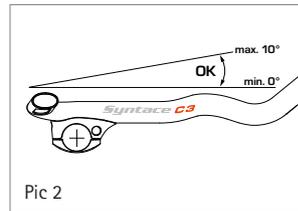


Pic 1

TIP: The arms of your aerobar should be 36 mm +/- 5 mm apart (when measured at the clamps), and at equal distance from the center of the stem. Generally, a position flush against the stem provides the best performance (Pic 1).

Adjustment of the aerobar and seat position

Aerobar Inclination:



Pic 2

- Slightly release the clamp bolts and adjust your aerobar to achieve the desired angle. We advice a beginning position of 0° to 10° from the horizontal (Pic 2).

- As before, tighten the bolts alternately 1/4 turn per bolt until the specified torque of the handle bar manufacturer is achieved, but do not exceed a max of 10 Nm (90 lbf. in). Check that the bars do not slip and test in a safe traffic free area, and continue adjusting the angle if necessary.

Blowing pads adjustment:



Pic 3

- The Blowing pads are attached to their sculpted bases with a velcro material. The distance between the pads is easily adjusted from the bolts under the pads (Pic 3); a scale is provided on each shock-absorbing Blowing arm.

- Please be careful not to over-tighten the bolts: the pad holders need only 3Nm (28 lbf. in) of torque to hold them firmly in place. These can easily be tightened if you insert the long end of the hex key into the head of the bolt.

TIP: We do not recommend extremely narrow pad placement since it may hinder your breathing and your ability to effectively pull on the bar.

The Blowing pad holders are designed to also provide comfortable hand position for upright riding. Their undersides are ergonomically sculpted to fit your hand securely.

Ideal aero position

- Test ride your bike in a safe place and adjust the position of the seat and aero bar in small steps (<5 mm) until you have found your ideal position. Please take your time to find the correct position and to get used to it.

Seat height:

- Raise your saddle slightly (about 3-8mm) up, in the case you have moved it forward slightly. Please check the seat height as described in your bike's owners manual.

Saddle tilt:

- To further optimize your position, we recommend that you tilt your saddle slightly forward (approximately 3°).

Bar height:

- When you have accustomed yourself to the new aero position it may be advantageous to lower your stem by 5-15 mm, to obtain an even more aerodynamic position.
- Your new aerobar is designed for standard stem lengths.

Mounting accessories to your aerobar



Microlink

Slightly loosen one arm of your aerobar. Gently spread the ends of your aerobar and place the bridge into the tubes so that the logo faces forward.

Alternately tighten each bolt until the Microlink is flush with the tops of the bars.

Max allowable torque: 2 Nm.

Note: A certain amount of tension is normal when the Aerolink/Microlink has been installed, and actually contributes to the overall rigidity and stability of your aerobar. Align your aerobar and re-tighten the clamps according to the manual



Syntace 26.0 Kit

If you do not mount the Syntace 26.0 Kit on a Syntace bar, please check with the handlebar manufacturer if sufficient clamping is achieved at a max of 10Nm.

26.0-Kit



Syntace Lifter 31.8

Place the Lifters between the upper clamps of your aerobar and the base handlebar. Grease the threads of the provided longer bolts. Insert them into the lower clamps and the Lifters, then thread them into the upper clamps. As in your initial installation, alternately tighten each bolt until the flat surfaces of the clamps are parallel to each other. Maximum torque is 10 Nm.

Note: the lifters are not recommended in combination with the 26.0 Kit.



Syntace NOB & NOB XL

Position the NOB or the NOB XL in the centre area of the aerobar.

Please do not overtighten the bolts.

Nob

Which accessory is designed for which aerobar?		
	C3	XXS 31.8
Microlink 36 mm/46 mm *	•	•
Computer Mount	•	
Nob/Nob XL	•	•
26.0-Kit	•	•
Lifter 31.8	•	•

*Use Microlink 46 only in combination with the C3 aerobar

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:

- Check the inside of your Syntace stem regularly for moisture and remove if found.
- Check screws for proper torque regularly.
- Check bar regularly for signs of fatigue (discoloration, cracks and dents, for example).
- Warning: 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.
- Should the Syntace bar be bent because of a crash: Never attempt to straighten it! Contact your dealer or Syntace to arrange for replacement.
- The Blowing pads can be washed in warm water with a mild washing detergent.
- The pads should never be exposed to temperatures above 70°C or exposed to direct sunlight. The inside of closed vehicles can reach very high temperatures in summer!
- Remove the pads when transporting your bike on a bike carrier and do not compress the pads for long periods of time.

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. For more details see: www.syntace.com/warranty_handling

Please take note: relevant for your Syntace component is always the most recent owners manual corresponding to your product model found on www.syntace.com/support

Your Syntace Team

Jo Klieber

Register your product online: www.syntace.com/warranty