

SEVERNE
RIGGING GUIDE: CAM SAILS

STEP 1 | INSERT MAST



IA.
Roll out the sail with the zippers facing upwards.

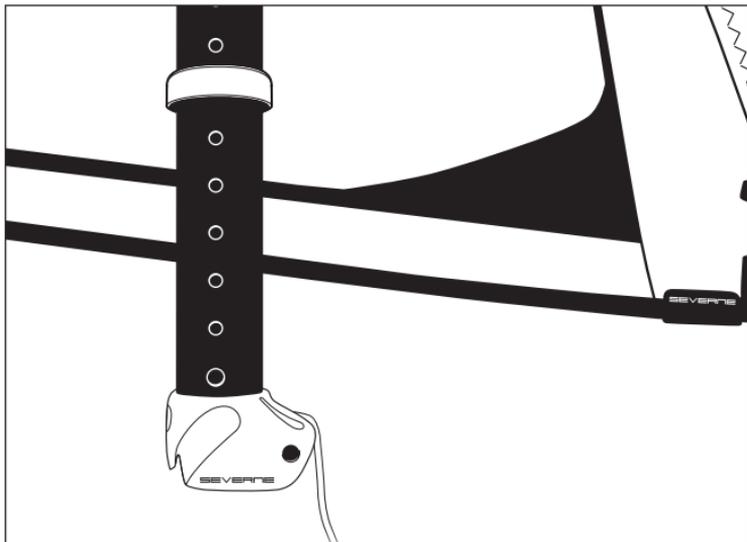


IB.
Push the mast all the way to the top of the sleeve with one hand on the mast inside the boom cutout and one hand pulling the luff downwards.



IC.
The mast should go on top of the battens and cams.

STEP 2 SET MAST EXTENSION



SALES FOR THE REVOLUTION

2A

Set the mast extension to the recommended setting as printed on the bottom of the sail.

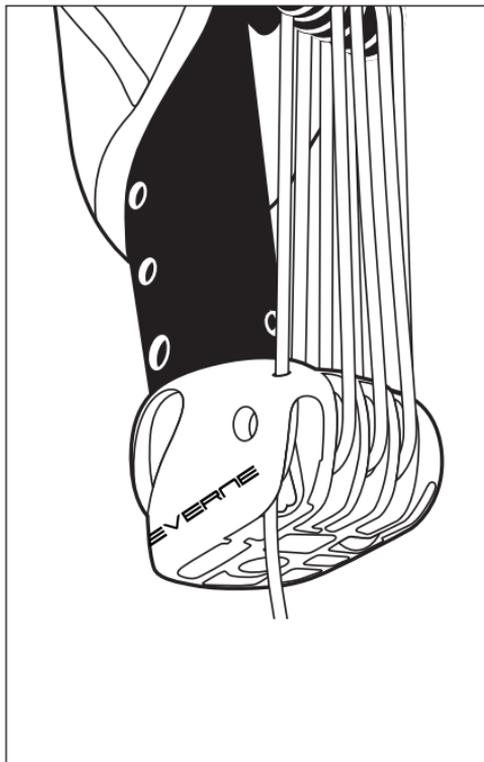
EXAMPLE

Luff - 513

Mast - 490

Extension = 23cm

STEP 3 **DOWNHAUL**



3A.

Thread the roller pulley and downhaul the sail sufficiently so the boom can be attached to the mast.

STEP 4 **OUTHAUL**



4A.

Set the boom to the recommended setting as printed on the sail.

4B.

Outhaul the sail to the recommended setting.

NOTE: THE MEASUREMENTS ON THE SAIL ARE GUIDELINES ONLY.

STEP 5 FIT CAMS



5A

To fit the cams, first release approximately 10cm of downhaul.



5B

Reach inside the sleeve and push down directly on the cam panel, whilst applying upward pressure from the bottom of the sleeve, directly on the cam.



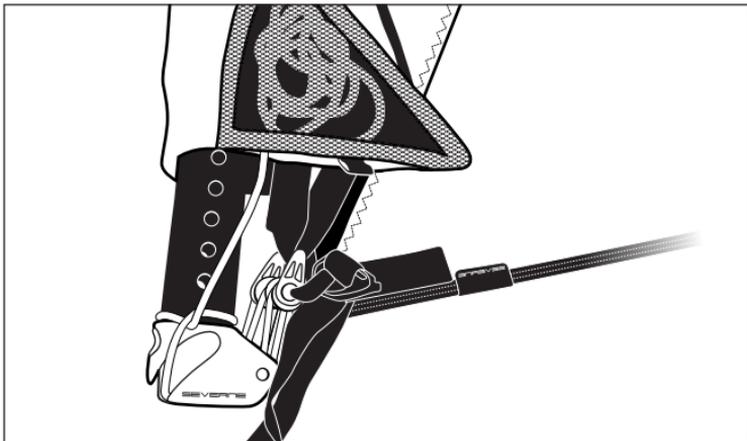
5C

Open the zipper and push down directly at the back of the cam, whilst applying upward pressure from the bottom of the sleeve, directly on the cam.

5D

Do not force the cams onto the mast. If they do not go on easily, release more downhaul.

STEP 6 **DOWNHAUL TENSION**



6A

Fully tension the downhaul.

6B

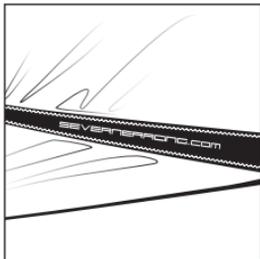
Ensure that adequate downhaul is applied by checking the looseness of the top 3 panels of the sail.

6C

Place the excess downhaul rope in the stash pocket located in the moulded tack fairing.

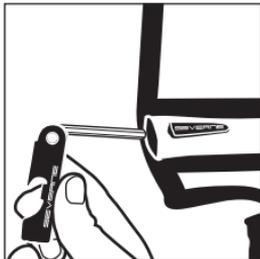
NOTE: THE MEASUREMENTS PRINTED ON THE SAIL ARE GUIDELINES ONLY.

STEP 7 **BATTEN TENSION**



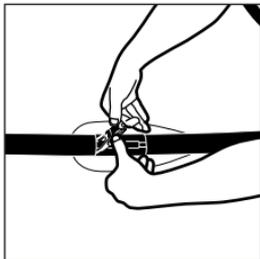
7A

Vertical creases along the batten pocket indicate that the batten needs to be tensioned.



7B

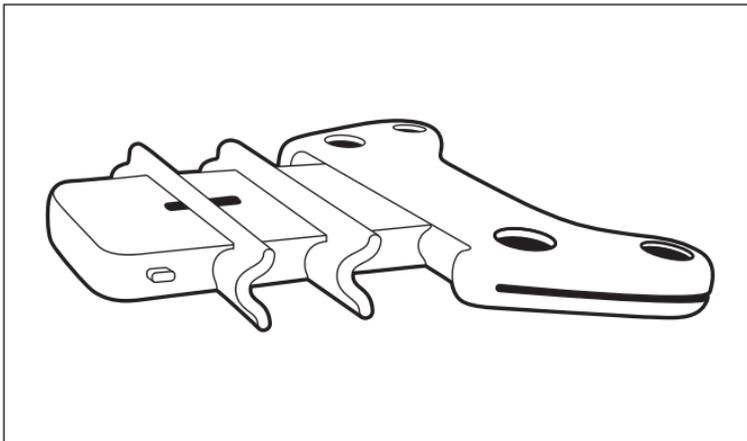
Turn the batten key (supplied in the sail bag) clockwise to tighten the batten. Tension only until the creases disappear.



7C

If a REFLEX Tensioner is fitted to the sail, apply most of the tension from the REFLEX Tensioner; only apply limited tension at the leech.

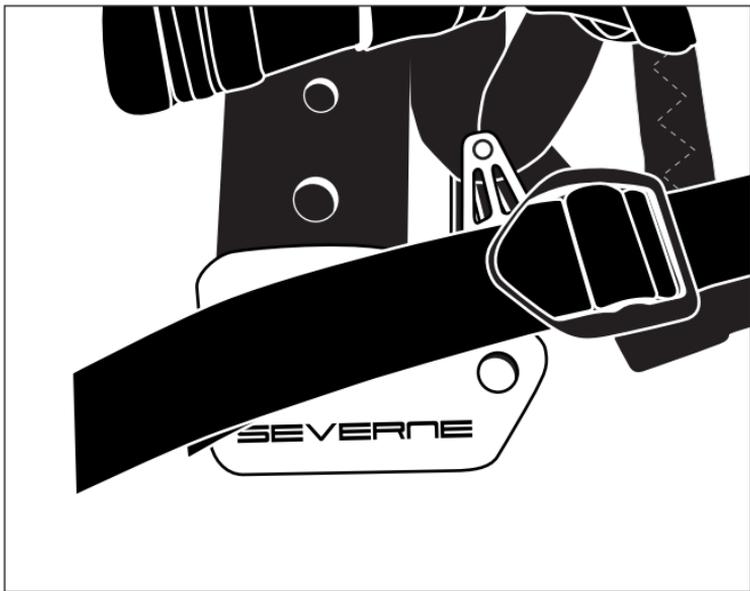
STEP 8 CAM SPACERS



8A

Using different masts can result in incorrect cam spacing and the sleeve becoming loose. This can be corrected by adding cam spacers (2mm and 4mm) which are supplied in the front pocket of the sail bag). The cam rotation should be smooth, adding too many spacers can cause the cams not to rotate and may damage your mast or sail.

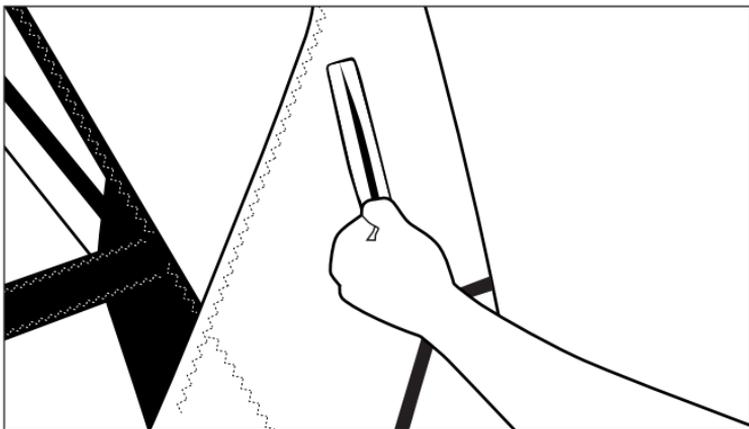
STEP 9 TACK STRAP



9A

Tension the tack strap. Tighter for more low end power, looser for more high end control.

STEP 10 FINAL CHECK



10A

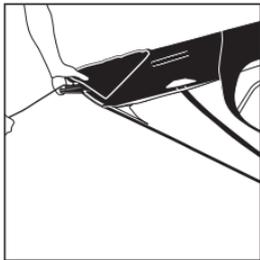
Close all zippers and ensure all cams are straight on the mast.

STEP II DE-RIGGING



IIA

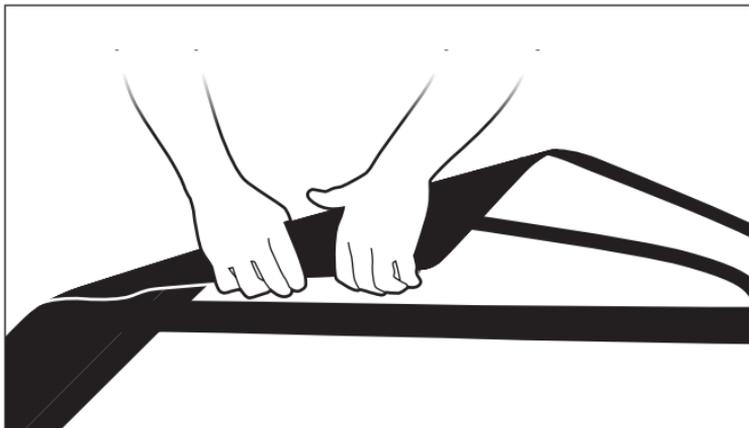
Release the outhaul and remove the boom.



IIB

Release the downhaul tension; the cams should pop off the mast.

STEP I2 STORAGE



I2A

Roll the sail from the top and ensure the head is rolled parallel with the top batten.

I2B

Pull out the elastic tab and attach it around the button. This ensures a tight rolled sail for easy packing into the bag.

I2C

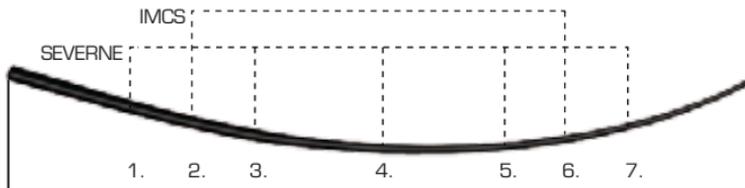
Always store the sail with the leading edge on the ground.

MASTS & EXTENSIONS

SEVERNE MASTS

Masts perform an integral part of your windsurfing set up. Choosing a mast with the correct diameter, curve and stiffness ensures that the response, shaping and twist of your SEVERNE sail remain true to the original design objectives.

At SEVERNE, our analysis of mast performance extends far beyond the two dimensional IMCS system with only 3 reference points that many brands use to define curves. All Severne masts are tested at 7 designated offsets and computer faired to precisely mirror the luff curve of the sail which directly translates into how the sail feels.



SEVERNE MAST EXTENSIONS

The SEVERNE mast extensions have been developed to specifically enhance the performance, lightweight, compatibility and ease of use of the Severne rig.

All extensions have been engineered to provide the best durability to weight ratio with sturdy 2mm wall diameters on all aluminium models. The geometry is specific to SEVERNE sails to provide the cohesion between sail and component and to provide the ultimate usability.

TROUBLESHOOTING

SAIL FEELS UNDERPOWERED

- Too much outhaul. Let outhaul off 2-3cm.
- Mast is too stiff. Use recommended or compatible mast.
- Sail is too small. Rig a bigger sail.

SAIL FEELS OVERPOWERED

- Not enough downhaul. Increase downhaul 2cm.
- Not enough outhaul. Increase outhaul 2-3cm.
- Sail is too big. Rig a smaller sail.

SAIL FEELS TOO TWITCHY

- Too much outhaul. Let out outhaul 2-3cm.

SAIL FEELS HEAVY, LIFELESS

- Not enough outhaul. Increase outhaul 2-3cm.
- Mast is too stiff. Use recommended or compatible mast.

For further information, please go to
www.severneracing.com and **severnesails.com**

WWW.SEVERNESAILS.COM