

NEILPRYDE ALLEN KEY BATTEN ADJUSTER.

Intro.

For the EVO9 and LT1 we are introducing a new batten adjuster that will allow you to add the sufficient amount of batten tension without having to worry about damaging you bat-cam or struggling to get the right pressure on the cams. The Allen key actuated system will keep the design benefit found in the unique NeilPryde Bat-Cam system where you can adjust the batten tension without the need of a tool. While actuating with a tool is an option to help you tune the sail even more precisely.

You will find this system on all NeilPryde RS:Racing EVO9 and RS:Racing LT1 sails on the bottom 2 battens where the tension is the highest and there is the most need for this mechanism.

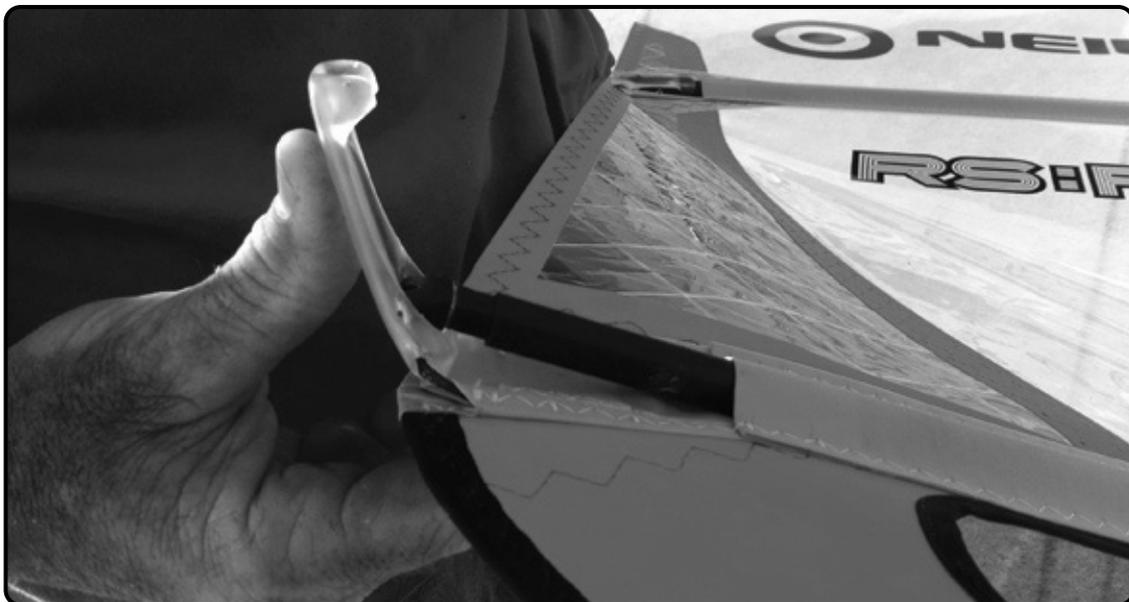
Please find a user guide on the mechanism below.

1. Using the Allen key actuated batten tensioner without a key.

- a. To use the mechanism without the key you need to open the batcam and simply pull the tensioner out of the tube. In the far end of the part you pull out you will see a silver shaft. **Image 1**.
- b. Turn the shaft to lengthen or shorten the tensioner, (longer for more tension, shorter for less tension) **Image 2**.



c. Slide the piece back into the batten and close the bat-cam. If it's too hard to close the bat-cam easily then please make the mechanism a little shorter to prevent possible damage to the bat-cam. As on the image below, the batcam will be too hard to close.

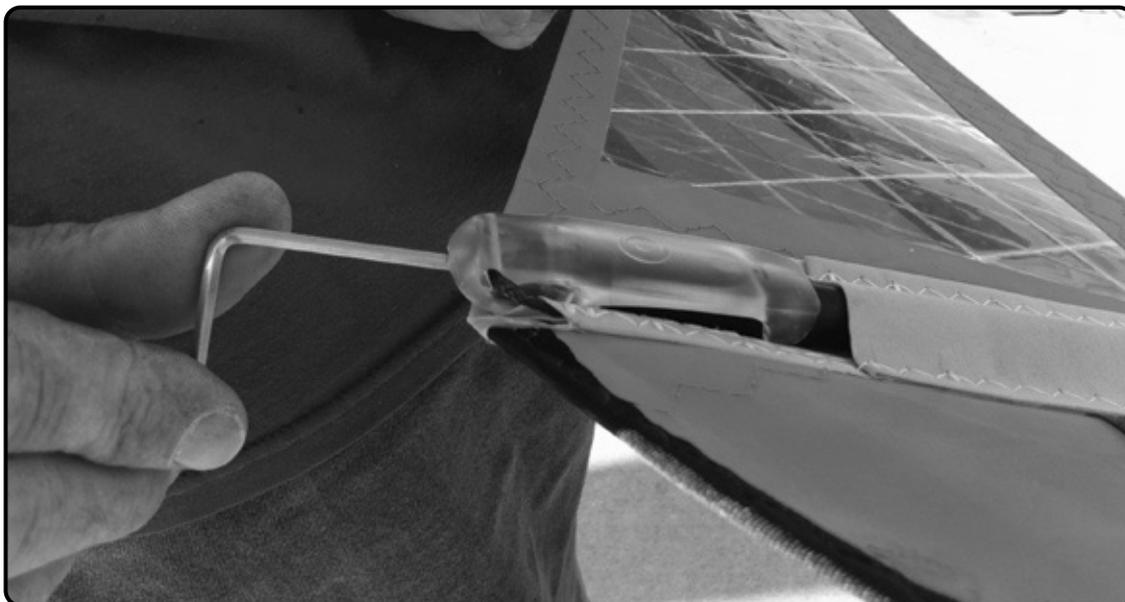


Reduce the length till the bat-cam pushes onto the batten and sits around a 90 degree angle (see image below) to the sail or untill it seems easy enough to close. If you need more tension then please close the bat-cam and go to the next step in this guide where you will see how to tension the batten with the key and what to look for to make sure you don't over tension your battens.



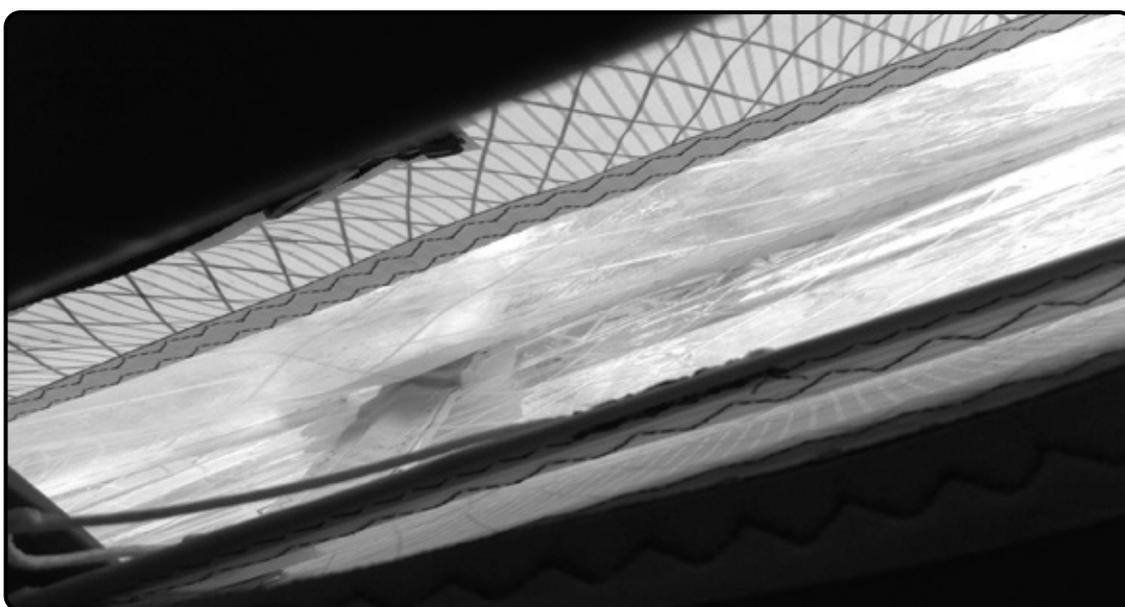
2. Tensioning your battens using the Allen key.

If more tension is needed, please take the Allen key from the inside compartment in the opening flap of your RS:Racing EVO9 or RS:Racing LT1 sail-bag. Insert the Allen key into the back of the bat-cam and turn and push until you feel the Allen head engage into the tensioner. Now you can add tension. Please be careful not to over tension the batten as this could again damage you sail or batten.



Tension.

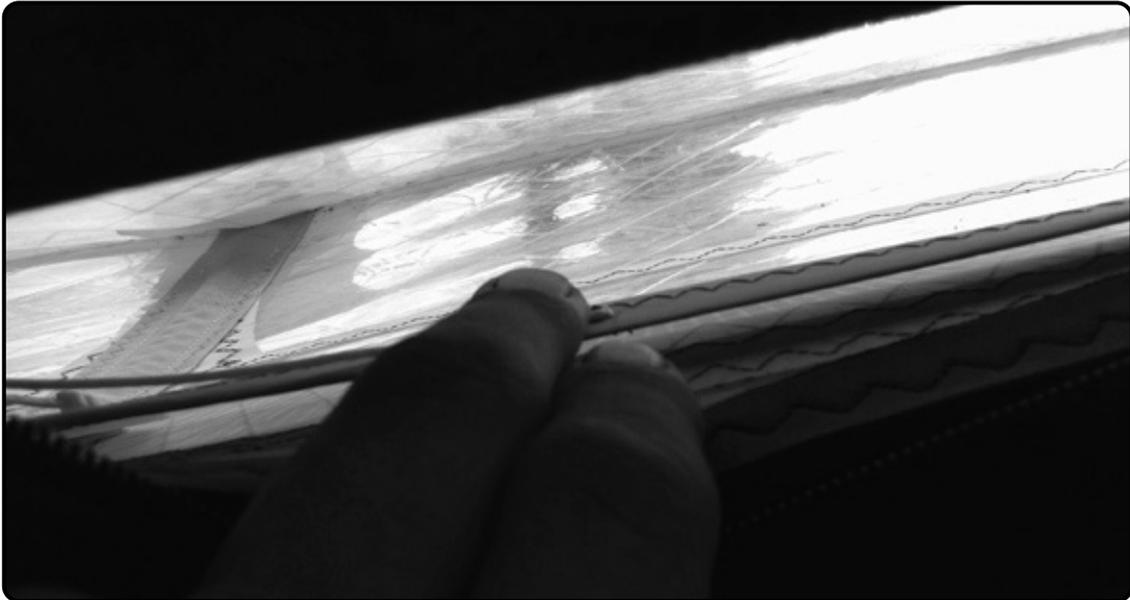
You have the right amount of tension on the batten when there are no more wrinkles visible, as you can see on the image below there is a wrinkle on the edge of the sleeve. When this wrinkle just disappears this would be the perfect amount of tension.



On the image below, the wrinkle is gone. I would suggest once the wrinkle is just about gone, make 1 turn with the key and check again. You need to tension the batten until the wrinkles just disappear. If you over tension the batten you could damage the sail.

You can see the area where the wrinkles show either through the cam zipper or, for the batten below the boom, through the boom opening.

Also you can feel along the edge of the sleeve from the outside to see if there are any wrinkles.



WARNING WHEN OPENING THE BAT-CAM!!!

Do not open the bat-cam while the batten is under full tension, the bat-cam will open with extreme force and could injure or damage you or your product.

To prevent damage to the mechanism and Allen key please remove the Allen key from the sail before opening the bat-cam.