

Blade 08 rigging instructions

January 2008

Please follow these instructions carefully as you rig. This product can be damaged if rigged incorrectly. Incorrect rigging will void the warranty.

The Loft Blade is a specialized speed/slalom windsurfing sail design that requires this particular rigging sequence to rig correctly.

1. Lay out your Blade on a dry, sand-free and ideally wind-free surface.
2. **Insert the recommended mast** (note **ONLY** reduced diameter masts (rdms) are compatible with Blade sizes 8.5 to 4.6) fully into the mast pocket **WITHOUT threading the mast thru the cams** (by-pass all cams so that the mast goes easily above the mast panel and directly up to the sail top).



Check to see that the mast is on top of **all** battens, and the top plug is correctly seated into the mast top.

3. Set your mast extension to the recommended length, thread downhaul line and apply firm tension so that mast bends enough to allow mounting the boom.
4. Set the boom to the recommended length and mount the boom on the mast.
5. **Apply FIRM outhaul tension**; pull the sail very FLAT so that the cams are pulled back and away from the mast.
6. **FULLY release downhaul tension.**



7. **Set cams into position on the mast** by pushing up on the cams from the lower side and down into the sail body on the sail batten just to the rear of the mast pocket at each cam. This action will allow the cams to snap up into place.

Place cams by pressing down at the mast pocket rear seam



and push the cams up from the backside

Do not over-apply pressure!

If cams do not easily go into place, apply more outhaul tension, less downhaul tension, less batten tension and try again. Normally only the lowest cam needs reduced batten tension to set the lowest cam easily into position on the mast.

8. Once all cams are set in place on the mast, apply full downhaul tension.

9. Tension cam battens firmly and check upper batten tension.

10. Set outhaul tension (with the adjustable outhaul included with your sail) to suit windsurfing conditions and GO!

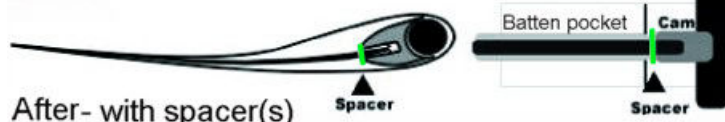
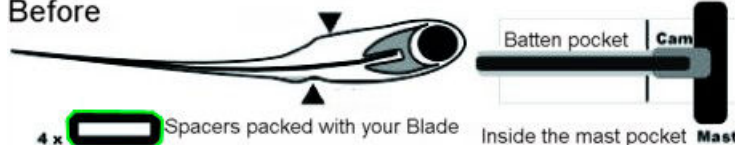


Surf http://www.loftsails.com/kam_pages/1/e/27.php for The Loft adjustable outhaul details.

Blade Cam Spacers

Your Blade is packed with 4 spacers that can be placed between the cams and the cam interfaces. Note that the spacers will reduce rotation ease.

Before



After- with spacer(s)

To place the spacers, batten removal is recommended.

Blade de-rigging-

When de-rigging first release the downhaul. After the downhaul is free, displace the cams from the mast, then release the outhaul. This sequence eliminates the 'snap!' from the mast of the cams, which prevents batten damage and generally prolongs the life of your Blade.

Items to note...

-Check to be sure that the bottom mast section is **fully** inserted into the top section- before applying full downhaul tension. This can be done easily by feeling the mast through the mast pocket carefully in the middle.

-Trim your Blade with full or almost full downhaul tension, release the outhaul to suit wind

conditions.

- Keep sand away from your Blade! Sand in the mast pocket will degrade cam rotation, cause excessive wear of your mast and generally promote early ageing of your sail.
- Never drive the mast top into the sand as a method of anchoring the rig. Should sand enter the Blade mast pocket take care to completely rinse away the sand asap!
- Your Blade should be kept dry and sand-free when storing.
- Keep your Blade out of the sun when not in use!
- Keep your batten tensioners clean and sand-free. Occasionally apply a small amount of lubricant to each batten tensioner to maintain easy function.
- Blade sizes 4.6 to 8.5 can be rigged with the lowest and highest cams removed (for Techno 283 class racing).

Blade 08 Specs

| Size | Battens* | Cams** | Mast/Boom | Mast/imcs | Mast Ext. |
|------|----------|--------|-----------|-----------|-----------|
| 4.6 | 7 | 4/2 | 375/165 | 370rdm/17 | 6cm |
| 5.1 | 7 | 4/2 | 390/172 | 370rdm/17 | 20cm |
| 5.6 | 7 | 4/2 | 412/182 | 400rdm/19 | 12cm |
| 6.2 | 7 | 4/2 | 436/192 | 430rdm/21 | 6cm |
| 6.8 | 8 | 4/2 | 464/200 | 460rdm/25 | 4cm |
| 7.5 | 8 | 4/2 | 486/212 | 460rdm/25 | 26cm |
| 8.5 | 8 | 4/2 | 516/228 | 490rdm/29 | 26cm |
| 9.5 | 8 | 4 | 536/245 | 520ndm34 | 16cm |
| 11.0 | 8 | 4 | 562/266 | 550ndm39 | 12cm |
| 11.8 | 8 | 4 | 580/276 | 550ndm39 | 30cm |

Measurements for the extreme upper wind range, reduce for lighter winds.

*not including Sensitip batten and micro battens

**upper and lower cams can be removed for Techno 283 class racing

Specs subject to change without notice

BLADE



www.loftsails.com

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