



## David Ezzy Answers Your Questions:

### On Rigging:

#### Q. Is it a problem that my mast is shorter than my sail's luff length?

A. No. In fact, it is better to use a shorter mast with a base extension and the adjustable top set to zero, rather than a longer mast with no base extension and the adjustable top extended. You can safely extend your mast base up to 45 cm. (18").

#### Q. Should I downhaul after outhauling or before?

A. It is easier to downhaul after the sail has been outhauled because the mast already has some bend. But, if you use a Reduced Diameter Mast that requires a boom shim, it is best to downhaul first.

#### Q. How do I know if I have the correct amount of downhaul?

A. Downhaul your sail until the leech goes loose between the upper three battens. Use the logo that is printed between battens #2 and #3 as an indicator. You ALWAYS want a loose head, even in light wind sailing. In stronger wind, you want to downhaul more which moves the looseness down the leech and gives you better sail control. See figure 2.

#### Q. Will the stiffness of my mast affect how much downhaul tension I need?

A. Yes, a stiffer mast will require more downhaul tension.

#### Q. How much outhaul do I need?

A. For an average setting, you need between 2.5 cm (1") and 4.0 cm (1.5") of positive outhaul. For strong wind, you can outhaul up to 5.0 cm. (2").

#### Q. How does the outhaul guide work?

A. First, make sure the sail is correctly downhauled to the printed indicator between battens #2 and #3, then release ALL outhaul tension while making sure the battens are all flipped the same way. This is your starting point at zero outhaul. Now, adjust the boom length to the end of the guide line on the sail. Next, outhaul the sail to the end of the boom. This will be an average outhaul setting. See figure 3.

#### Q. Why do I need so much positive outhaul?

A. The profile shape of the sail is built into the sail's panels and in addition, the battens in the Ezzy sail are not meant to rotate around the mast.

#### Q. My battens don't rotate around the mast, is this correct?

A. This is correct. When properly rigged, the batten above the boom should rest directly behind the mast.

#### Q. How do I know if the battens are tensioned correctly?

A. When properly tensioned, there should be no wrinkles running across the batten pockets.

#### Q. What happens if I over-tension the battens?

A. You could damage the sail. Also, if over-tight, the battens will not flip smoothly.

#### Q. Can I leave my battens tensioned after sailing?

A. Yes.

#### Q. How do I use the tack strap?

A. The tack strap is the final tuning device. Pull it until the edge of the sail beside the tack grommet touches the side of the mast.

### On Sail Care:

#### Q. Is there anything I can do to make my sail last longer?

A. 1) When you are not sailing, store your sail in the shade away from direct sunlight, 2) try not to crease your sail while rigging and de-rigging and 3) If you store your rolled sail vertical, make sure it is sleeve-end down. This prevents the leech from being damaged.

#### Q. Do I need to rinse my sail with fresh water after sailing?

A. No.

#### Q. Do I need to dry my sail before rolling it up?

A. No.

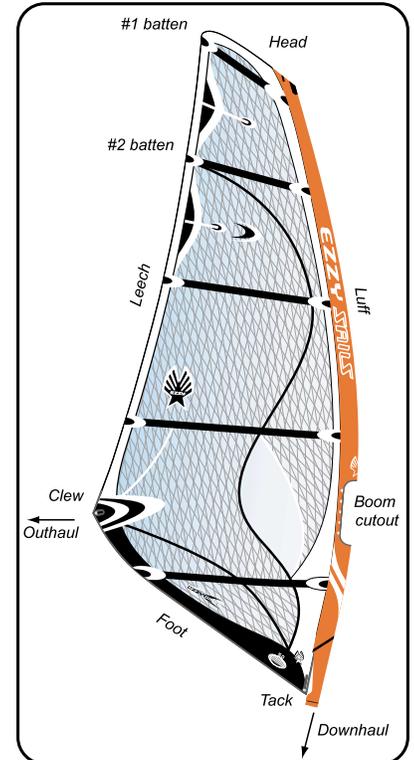


figure 1

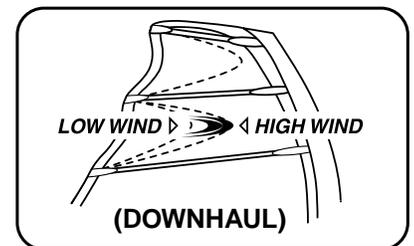


figure 2

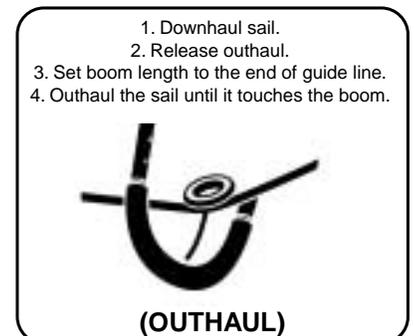


figure 3

## Sail Care Continued:

### Q. Why has my vinyl window fogged up and is now hard to see through, what should I do?

A. This happens when you roll your sail up wet with fresh water. Once it dries, it will clear.

### Q. What's the best way to clean my window?

A. The window vinyl can be cleaned with a dry towel and some water.

### Q. Can I damage my sail if I insert the wrong end into the bag?

A. Yes. The clew can be damaged. Always insert your sail with the sleeve-end first into the bag. See figure 4.

## Problem Solving:

### My foot batten does not flip correctly.

Two things can cause this: 1) foot batten tension is over-tight, or 2) you need more downhaul.

### I get jerked forward while sailing.

This can be caused by too little downhaul or a mast that is too stiff. It may also help to move your mast further back on your board.

### My sail feels too powerful.

Try more downhaul and more outhaul.

### My sail doesn't feel stable when sailing.

Try more downhaul.

### I need more power.

Try less outhaul and less downhaul.

### My sail pulls too much on my front arm.

Try moving your harness lines further forward on your boom and possibly move your mast further back on your board.

### My sail pulls too much on my back arm.

Try moving your harness lines further back on your boom and possibly move your mast further forward on your board.

## Ezzy Mast:

### Q. Does the Ezzy Wave SE only work on Ezzy Skinny masts?

A. No. The SE was designed to work on both skinny and regular diameter masts.

### Q. What is the advantage of using a skinny mast?

A. They are stronger, lighter and easier to maneuver.

### Q. Explain the Ezzy mix and match mast system.

A. Our tops and bottoms are completely interchangeable and we sell each section individually. This means instead of purchasing a complete second mast, you can buy just a top or bottom section.

### Q. What are the basic rules when mixing different length tops and bottoms?

A. First, choose a combination that is slightly less than the sail's luff length. Second, try to keep the bottom section the same length, or shorter than the top section. See mast selector chart.

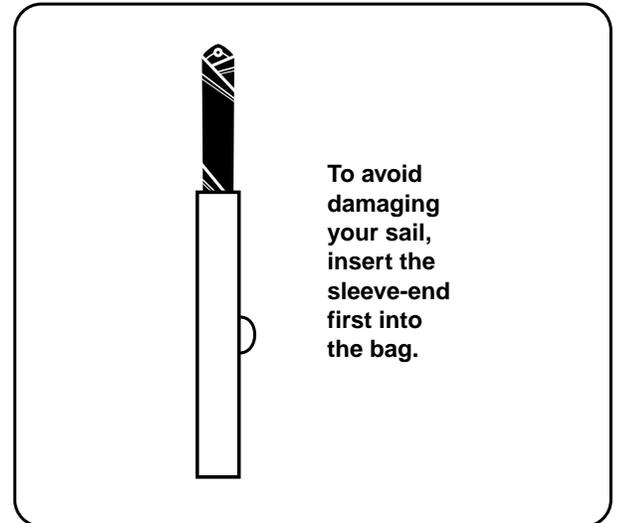


figure 4

### Mast Selector Chart

SAIL	340 Top	340 Base	370 Top	370 Base	400 Top	400 Base	430 Top	430 Base	460 Top	460 Base	490 Top	490 Base
2.9	x	x										
3.3	x	x										
3.5	x	x										
3.7		x	x									
4.0			x	x								
4.2			x	x								
4.5				x	x							
4.7					x	x						
5.0					x	x						
5.2						x	x					
5.5							x	x				
5.8								x	x			
6.3									x	x		
6.9										x	x	

x = best combination     
   = good combination

If you have further questions, comments or suggestions, please feel free to contact us in the US at (541) 386-8717, [info@ezzy.com](mailto:info@ezzy.com), [www.ezzy.com](http://www.ezzy.com)

