



David Ezzy Answers Your Rigging and Tuning Questions for the 2007 Ezzy Wave

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 before or after outhauling?

A. It doesn't matter; though, it is easier to downhaul after the sail has been outhauled.

Q. How much should I downhaul?

A. The new Ezzy Wave requires less downhaul than previous year's sails. Use the logo that is printed between battens #2 and #3 as an indicator. Downhaul until the looseness moves onto the logo. See figure 2. Do not over-downhaul; this will cause the draft to shift rearward and result in more pressure on your back arm while sailing.

Q. How does the bend curve characteristic of my mast affect how much downhaul tension I need?

A. If your mast has a relatively stiff top section, your sail will require more downhaul in order to loosen the head. If your mast has softer flex up top, then your sail will require less downhaul tension.

Q. What does outhauling do?

A. Outhauling flattens the sail by pulling the clew away from the luff. Outhauling also moves the draft further forward. For an average setting, you need between 3.0 cm (approx. 1") and 5.5 cm (approx. 2") of positive outhaul. For strong wind, you can outhaul up to 5.5 cm (approx. 2").

Q. Why do I need so much positive outhaul for high wind sailing?

A. The Ezzy Wave has been designed with a large amount of shape built into the seams. If you don't outhaul enough, the sail will be too deep. IT IS VERY IMPORTANT THAT YOU APPLY A LOT OF POSITIVE OUTHAUL IN STRONG WIND.

Q. How does the outhaul guide work?

A. First, make sure the sail is correctly downhauled according 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. Next, pull the guide cord out and adjust your boom length to the end of the guide cord. Finally, outhaul the sail to the end of the boom. This will be an average outhaul setting. See figure 3.

Q. The front of my battens aren't rotated 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 on either side of the batten pocket.

Q. Is it possible to over-tension the battens and damage the sail?

A. Yes.

Q. Can I leave my battens tensioned after sailing and while storing off-season?

A. Yes.

Q. How do I use the tack strap?

A. Tensioning the tack strap improves the sail's low-end power and lowers the center of effort, thus making the sail more controllable. Tension the tack strap until the edge of the foot has tension.

On Sail Care:

Q. What can I 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 sail vertically, 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.

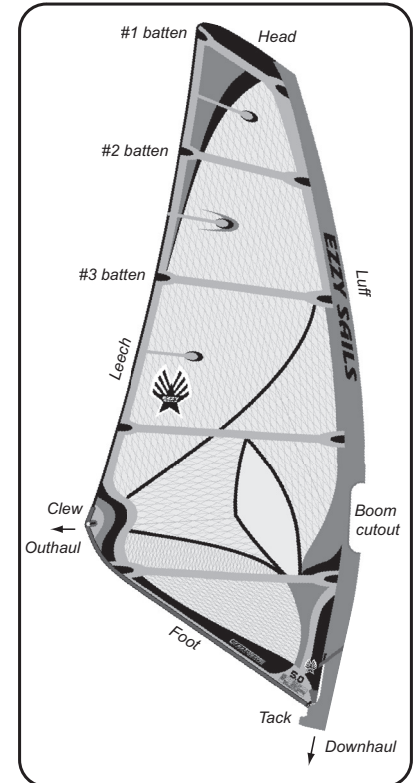


figure 1 2007 Ezzy Wave SE

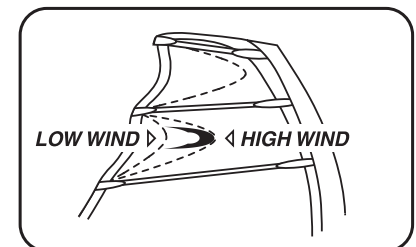


figure 2 downhaul indicator

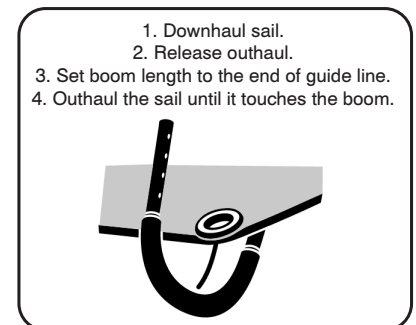


figure 3 outhaul indicator

Sail Care Continued:

Q. What do I do with the pad when rolling the sail?

A. After rolling the sail, tuck the pad so it rests along the sail, wrap the tack strap around the pad and the sail, then attach the velcro (see figure 4).

Q. Which end of the sail goes into the bag first?

A. To avoid wrinkling the clew, always insert your sail with the sleeve-end first into the bag (see figure 5).

Q. My vinyl window has turned hazy blue 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 go back to being clear.

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

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

Problem Solving:

My foot batten does not flip smoothly.

Try reducing a bit of tension on your foot batten.

I get jerked forward while sailing.

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

My sail feels too powerful.

Sail is too full. Try more outhaul and possibly more downhaul.

My sail doesn't feel stable when sailing.

Sail is too full. Try more outhaul and possibly more downhaul.

I need more power.

Sail is too flat. Try less outhaul and possibly less downhaul.

My sail pulls too much on my back arm.

Try more outhaul and possibly less downhaul. Try moving your harness lines further back.

My sail pulls too much on my front arm.

Try less outhaul and possibly more downhaul. Try moving your harness lines further forward.

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. What is the Ezzy "mix and match" mast system?

A. Our tops and bottoms are completely interchangeable, and you can purchase 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 either the same length as the top section or shorter. Check out our mast configurator guide on our web site: www.ezzy.com.

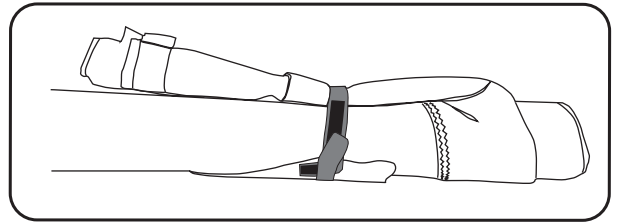


figure 4

Wrap the tack strap around the pad and sail.



figure 5

To avoid damaging your sail, insert the sleeve-end first into the bag.

Ezzy 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
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			
6.0								x	x		
6.5									x	x	
7.0										x	x

x = best combination **■** = good combination

For more information, please go to our web site at www.ezzy.com

