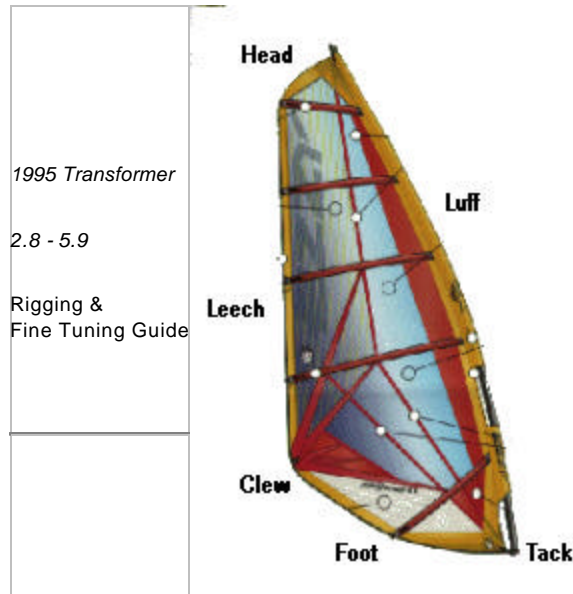


# Ezzy Sails Rigging and Tuning for the 1995 Transformer Wave



## Ezzy Sails Rigging and Fine Tuning Guides

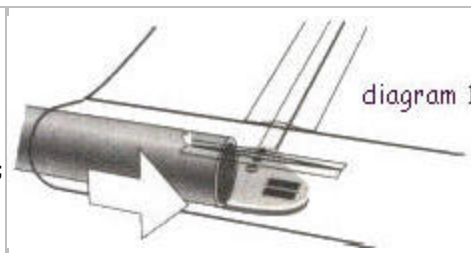


Rigging with the split (side by side) batten.

1) Roll out the sail, insert the foot batten and tension it.

**Quick Tip:** It is easier to insert and tension the foot batten before inserting the mast.

2) Slide the mast through the luff sleeve (see *diagram 1*).  
**Note:** When rigging with the cam, slide the mast above the cam (do not attach the cam yet.)



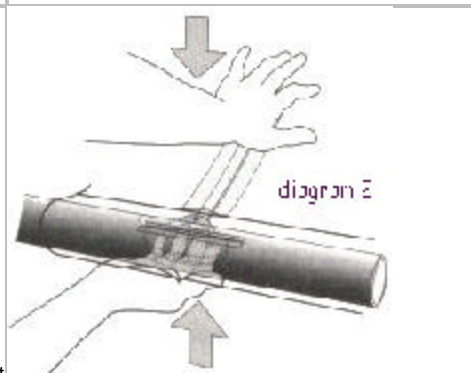
3) Attach the mast extension with no downhaul tension; just clear the downhaul line.

**Quick Tip:** It is easier to attach your boom onto the mast when there is no downhaul tension.

4) Attach the boom and outhaul the sail until it is flat in the boom area.

**Quick Tip:** Attach your boom at, or below the center of the boom cut-out to prevent the top of the boom cut-out from getting caught on the boom while downhauling.

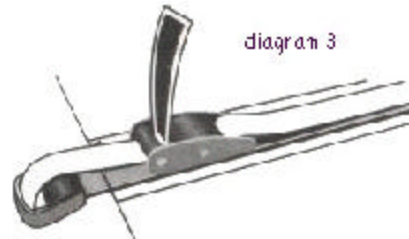
(To rig the Transformer without the cam, skip step #5)  
 5) Attach the cams to the mast by pushing down on the batten with the palm of your hand, approximately 12" (30cm) from the luff sleeve, and snap the cam onto the mast with your other hand (see *diagram 2*).



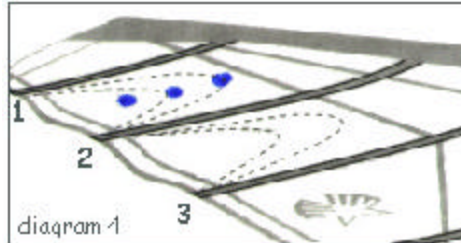
**Quick Tip:** If the cams are difficult to put on the mast, check that the batten tension webbing is loosened until the Velcro touched the buckle (see *diagram 3*). This will allow the cam to slide further into the sail and will make it

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easier to get the cam on to the mast.



6) Downhaul the sail until the leech goes loose between battens #1 and #2 and battens #2 and #3. The looseness should extend approximately 12" (30cm) for light wind and 18" (45cm) for strong wind.



**Quick Tip:** The high-wind setting requires more downhaul tension, which loosens the upper leech, and makes the sail feel more controllable. For lighter wind, the sail will perform better with a slightly tighter leech (less downhaul). Downhaul also flattens the leading edge and reduces the amount of batten rotation around the mast. Reduced batten rotation is desirable for high wind settings.

**Quick Tip:** Always keep your base extension at its shortest possible setting. If there is not enough space for downhauling and you have mast extending from the top, use the adjustable top to raise the sail up on the mast rather than extend your base.

7) Tension all of the battens, starting from the bottom, by pulling on the batten strap while pushing the palm of your other hand against the batten end-cap (see *diagram 5*). Tension all battens until the vertical wrinkles running through the pockets disappear.

**Caution:** It is possible to over-tension the cam batten, which will cause the cam not to rotate. A quick check of this can be done by holding the sail up on land and rotating the cam by pumping the sail. the cam should rotate smoothly; if it doesn't, decrease the batten tension.



8) Release the outhaul totally and then re-tension it. For light winds, pull the outhaul until the edge of the foot has slight tension. for stronger wind, outhaul until the foot is fully tensioned. **Quick Tip:** The Transformer 2.8-5.9 requires slight to moderate positive outhaul, and should not be used with negative outhaul.



*Foot is loose, need more outhaul.*



*Foot is tight, outhaul correct*

9) Check that the camber is not over-rotated. This can fatigue the cam and the batten and lead to possible breakage. If the cam is over-rotated, you need more downhaul.

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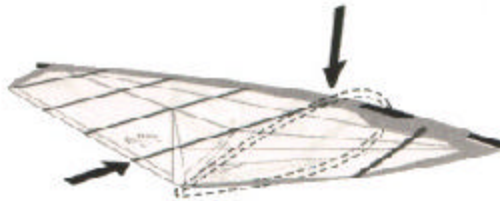


**10) Tension the tack strap until the edge of the sail beside the tack grommet touches the side of the mast.**

*Quick Tip: The correct shape in the lower part of the sail will be attained when the tack-strap is fully tensioned.*

### To Use As Full Batten:

- 1) Outhaul sail flat.
- 2) Release cam batten tension at leech end.
- 3) Loosen Downhaul.
- 4) Snap cam of mast (see step #5 above)
- 5) From the opening in the sleeve, pull out the camber and batten.
- 6) From the leech end, insert the thinner end of the tapered batten into the lower batten pocket opening.
- 7) Tension the batten.
- 8) Tension the Downhaul (see step # 6 above)
- 9) Adjust the outhaul so that the batten above the boom is not touching the mast when it rotates. For strong winds, increase the downhaul and the outhaul until the batten above the boom is resting directly behind the mast.



### light wind

Light wind setting: the batten above the boom does not touch the mast.

### strong wind

Strong wind setting: the batten above the boom rests directly behind the mast.

### De-Rigging

To increase the life of your sail, it is recommended that you de-rig in the following order:

- 1) Release batten tension (pushing the release lever located on the center of the buckle) and tack-strap.
- 2) Release downhaul.
- 3) Snap cam off mast.
- 4) Release outhaul and remove boom.
- 5) Slide mast out of luff sleeve without creasing sail.
- 6) Roll the sail from the top tightly, to prevent creasing.