



## Beneteau 36.7 Tune



### Step One

- Clean turnbuckles and start top/bottom even
- Step mast one hole aft from the front
- Center Mast
  - Attach Genoa halyard to chair with crew sitting in chair
  - Mark halyard and place tape on each V1 Shroud



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- Measure from tape to shroud cap
- Adjust V1 to center the mast
- Hand tighten all side shrouds and turn headstay so tread is flush with turnbuckle
- Tighten V1 Shrouds to get 35 on Loose Gauge B



Mast Base One Hole Aft (Never Move)



Mark to Center Mast (Measure to Cap)





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Headstay Thread Flush (Light Air 5-8)



Headstay Very Light off 5 from flush



Tighten V1 = 35 (Flush Thread)



### Color Marks

- Genoa Track & Genoa Sheet (sew mark in sheet)
- Main and Genoa Halyard (sew mark in halyards)

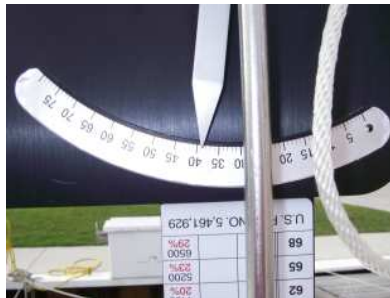


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- Vang (use at pre-start, upwind, downwind)
- Backstay (place as a percentage of throw)

### Step Two

- Adjust the D1 and D2's to get 1" of mid mast sag in 4-7 true
- Add ten turns to headstay to get a base setting
- The D2 will get tighter with headstay
- The D1 will need one turn to get to base (9-12)
- Loose on the V1 should be 40



- This is a base setting (9-11 true)
- Add 10 more turns for the next step of 12-15 true
- Add 1 turn to V1 and D1
- Add another 10 turns for a med-heavy setting
- Add 1 more turn to the V1 and D1
- Loose should be at 50 (16-19 true)



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- For big breeze when the #3 is up add ten turns
- Add another turn to the V1 and D1.
- At forty turns the headstay max (20+ true)
- Loose should be 55

V1 and D1 Shrouds will be adjusted one turn for each step in wind speed.

D2 Shroud should not need adjusting if proper for light air.

Take a look at the mast up the main track and in:

- 1) Light Air the mast should have almost 1" of leeward sag
- 2) Medium Air the mast should look straight
- 3) In Heavy Air the mast should look straight with a slight tip fall off to leeward



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## Quick Tune Guide

WS	Sail	HS	V1	D1	D2	VN	BS	TSU	TSD
0-5	1	0	0	0	0	0%	10%	3.44	3.18
6	1	5	0	0	0	0%	10%	4.74	4.52
7	1	5	0	0	0	0%	20%	5.16	4.98
8	1	10	0	0	0	0%	30%	5.57	5.54
9	1	10	0	+1	0	0%	40%	5.71	5.88
10	1	10	0	+1	0	0%	50%	6.05	6.28
11	1	10	0	+1	0	25%	50%	6.11	6.37
12	1	15	+1	+1	0	25%	60%	6.27	6.58
13	1	20	+1	+2	0	25%	60%	6.33	6.76
14	1	20	+1	+2	0	50%	75%	6.37	6.87
15	1	25	+1	+2	0	50%	75%	6.39	7.12
16	1	25	+2	+3	0	75%	75%	6.42	7.27
17	1	30	+2	+3	0	75%	100	6.45	7.39
18	3	30	+2	+3	0	100	100	6.47	7.58
19	3	35	+3	+4	0	100	100	6.48	7.87
20	3	40	+3	+4	0	100	100	6.49	8.01
22+	3	41	+4	+4	0	100	100	6.50	8.20

Hs = Headstay turns from flush (Adjust in turns of five)



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BS = Backstay percentage of throw (When headstay is correct)

**THE COMPLETE PACKAGE**

In 2008, Quantum Sails had the fastest upwind sails in the Beneteau 36.7 class – finishing 1st & 2nd at the North Americans. Over the winter we worked hard studying and testing many different spinnaker shapes with the goal to make an easy to trim runner that was both light and big. The results... 1st place at the 2009 Detroit NOOD.

Quantum now has the complete package – tremendous upwind and off the wind speed for your Beneteau 36.7!

**Call Quantum Sails today at 586-776-1330 to get your new sails prior to the North Americans.**

Wally Cross | wally@quantumsails.com | 586-776-1330

**QUANTUM**  
SAIL DESIGN GROUP

[www.quantumsails.com](http://www.quantumsails.com)

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The advertisement features a photograph of a white Beneteau 36.7 sailboat on the water. Several crew members in red and black gear are visible on deck. The boat has 'Natalie J' and 'DETROIT, MI' written on its side. The background shows a clear sky and other boats in the distance.

Detroit Nood 2009 1<sup>st</sup>  
Great Lakes 2009 1<sup>st</sup> and 2nd



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