BENETEAU 36.7
TUNING GUIDE

MAST STEP LOCATION

To achieve the desired pre-bend and mast stiffness, the mast step should be in the middle position for most sailing areas. In heavy air venues, the mast butt should be one hole forward of the center. The forward edge of the mast should be .93' from the bulkhead when set in the middle position.

HEADSTAY LENGTH

Prior to stepping the mast, set the pin-to-pin length on the headstay at 47.8'; this will be your baseline measurement and be the correct headstay length for 10kts of wind. Measure the distance between the upper and lower stud on your headstay turnbuckle and record this measurement for future reference.

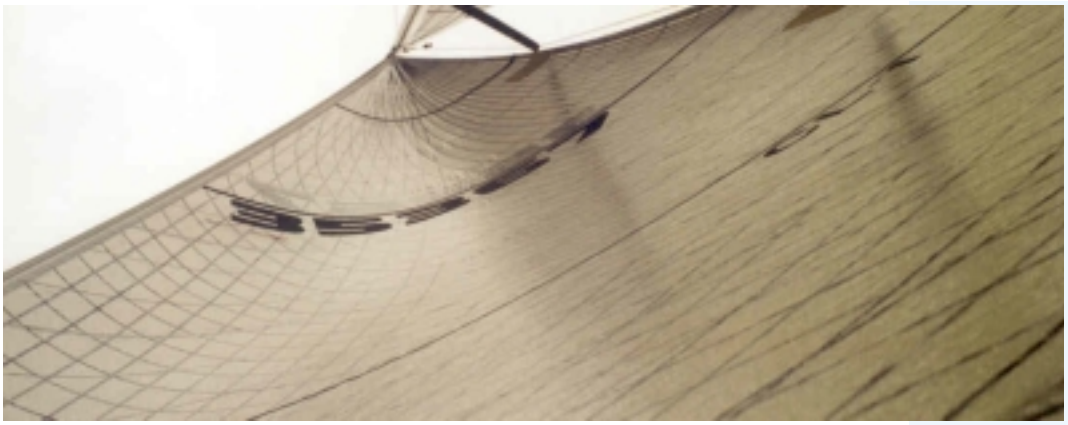
If your mast is up, you can measure from max hoist on the centerline halyard to the center of the stem head pin. This measurement should be 47.55'. Be careful, on some boats the splice on the genoa halyard prevents the halyard from being hoisted all the way to the top.

TUNING THE MAST

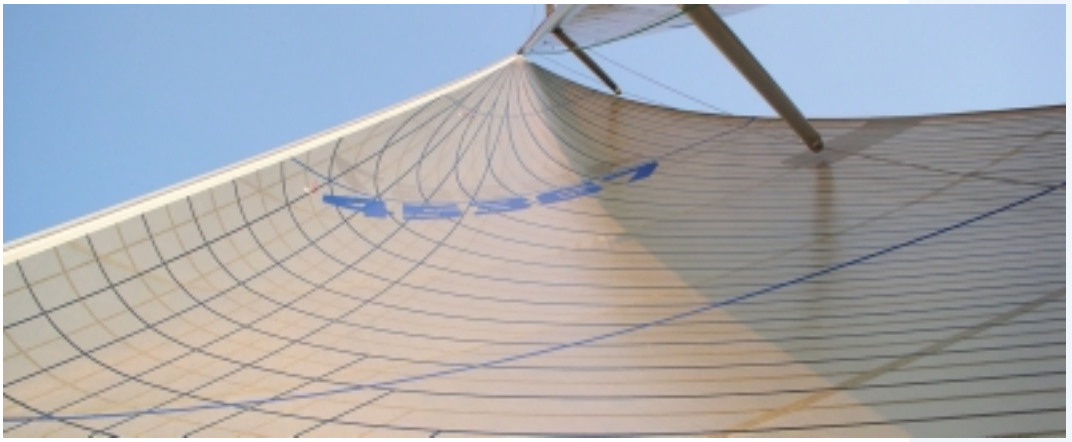
Before stepping the mast, the intermediates (D2) should be very loose. Step and center the mast. With the main halyard fully hoisted, measure to the chain plate on both sides. Adjust the shrouds as necessary to center the mast. Hand tighten the upper shrouds (V1) and re-check to confirm one more time that the rig is centered in the boat. After confirming the mast is centered, tighten the uppers (V1) eleven turns. Now tighten the lowers (D1) hand tight. Sight up the rig and make sure the mast is straight and adjust the lowers as necessary. Now tighten the intermediates (D2) to hand tight and sight up the rig to confirm it is straight. Adjust the intermediates as necessary to straighten the rig. Now tighten the lower shrouds (D1) six turns each and the intermediate shrouds (D2) four turns each. Your rig is now set up to sail in ten knots of true winds.

TUNING CHANGES

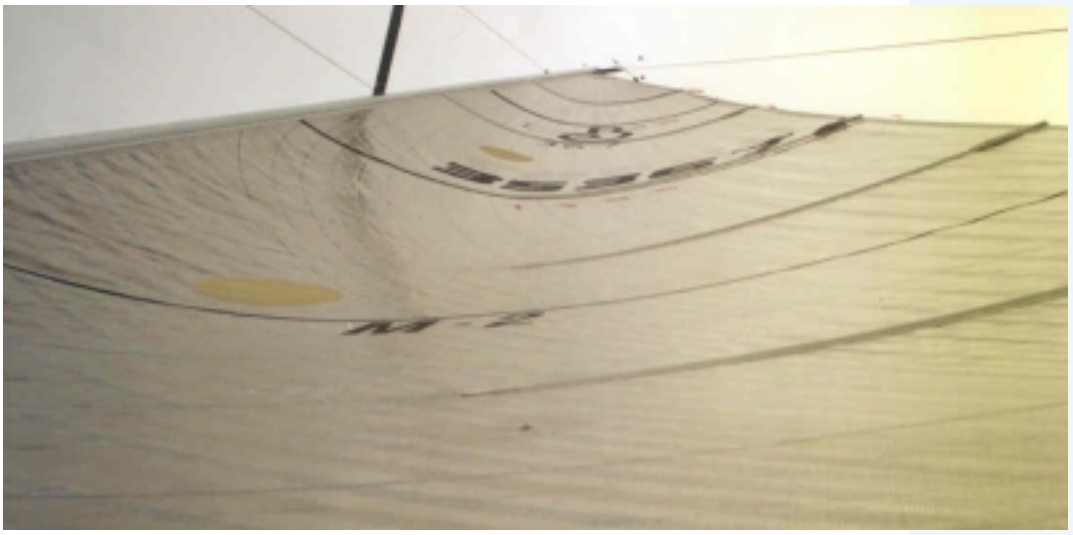
Rig tuning depends on the wind speed and sea conditions. In flat water, you should err toward a tight rig for a given wind speed. In choppy conditions, you need to err toward loose settings.



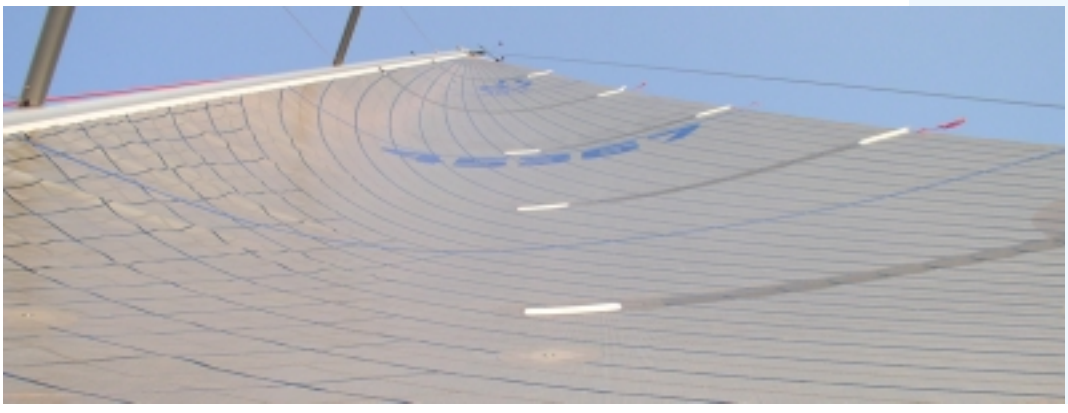
PROPER SAIL SHAPE OF GENOA IN 8 KNOTS TRUE WIND



PROPER SAIL SHAPE OF GENOA IN 12 KNOTS TRUE WIND



PROPER SAIL SHAPE OF MAIN IN 8 KNOTS TRUE WIND



PROPER SAIL SHAPE OF MAIN IN 12 KNOTS TRUE WIND

BENETEAU 36.7 TARGET SPEEDS

UPWIND			DOWNWIND		
TWS	TWA	Speed	TWS	TWA	Speed
6	44	4.85	6	141	4.43
8	41.5	5.50	8	142	5.48
10	43.6	6.23	10	145	6.34
12	42.5	6.44	12	152	6.76
14	41	6.48	14	161	7.00
16	40	6.50	16	169	7.26
20	39	6.50	20	175	7.96

BENETEAU 36.7 RIG SETTINGS

True Wind Speed	Headstay Length	Turns to Headstay	Max Luff*	RT-11 Gauge on V1	No. of Turns to V-1	RT-11 Gauge on D1	Turns to D-1	Turns to D-2
0-7	47.85	-4	47.60	28.5	-1	7	Base	Base
8-11	47.80	Base	47.55	34	Base	7	Base	Base
12-18	47.75	Plus 4	47.50	35	Plus 2	8	Plus 2	Base
18 +	47.70	Plus 12	47.45	37	Plus 2	8	Plus 2	Plus2

- Use the change in distance between the upper and lower stı
  the headstay turnbuckle to calculate changes in headstay le

* Be careful, on some boats the splice on the genoa halyard pı
vents the halyard from being hoisted all the way to the top.