

J/111 FULL TUNE GUIDE



TWS	Headstay	V1 Uppers	V1 Uppers	D1 Lowers	D1 Lowers	D2 Int.	D2 Int.	Jib	Heel	Outhaul	Traveler	Vang	Backstay	Jib	Spin	Trim
Knots	Turns from base	Turns from base	Tensions RT-10	Turns from base	Tensions RT-10	Turns from base	Tensions PT-2	Inhaul		Sail off Boom	Upwind	Upwind	Upwind	Upwind	Downwind	
0 to 5	-15	0	47	-2	0	-5	0	25%	10	4"	Up	0	None	1.5	A1.5	-1
6 to 9	-10	0	52	-1	0	-3	0	100%	10	3"	Up	0	10%	1.5	A1.5	-1
10 to 14	BASE	BASE	63	BASE	24	BASE	26	100%	18	2"	Foot	25%	30%	1.5-2.5	A2	0
15 to 18	+5	1	70	+ 2	30	0	28	90%	22	1"	Mid	75%	80%	2.5	A2	0
19 to 22	+10	2	75	+ 4	40	2	33	25%	23	0	Mid	Max	100%	2.5	A2	1
23+	+15	3	80	+ 6	50	4	40	0	24	0	Mid	Max	100%	HVY	A2	1

*All full turns from Base

6-9 Chop	0	-2		-2		0
10-14 Chop	0	-1		-1		0

BASE SETTINGS

10-14 TWS				Headstay	D2 P	D2 S
Caliper #'s	Port	Starboard	Loos #'s			
V1 Uppers			63 (RT-10)			
D1 Lowers			24 (RT-10)			
D2 Intermediates			26 (PT-2)			
Headstay Caliper #	=		76			

*Use Calipers to measure distance between turnbuckles once rig is set up at base for repeatability. Record here on this chart.

Mark **Spreaders** with tape for jib trim marks. Lower Spreader 1.030 m off centerline of mast & .682 m off centerline on Top Spreader | **Headstay ARC 2.235 m** (measure from top of white band at gooseneck with halyard and then swing to headstay and mark. Then measure down to bottom pin on headstay turnbuckle. | **Mast Step** is .419 m measured from forward face of mast to bulkhead including trim (center of adjustment range) | **D2 Intermediates** measured from top of tip cup to bottom of turnbuckle (at top of exposed threads) | The **Jib Inhaul settings** from max out to max inboard are: 0% on jib track, 25% cabin top edge, 80% is Stainless Steel Handrail, 100% is max in setting that is just outside the halyard organizer | The less jib inhaul you use the more the jib car needs to go forward. As you add more inhaul car goes aft on jib track | Inhaul will be set up to sea state. Chop & waves require more twist and more inhaul. In flat water you can sheet harder with less inhaul on for less twist | Mast partners - use Spar Tight to center and restrict play | Mark the **vang** with color marks for easily repeatable settings for both upwind and downwind sailing | For Backstay add a batten to the outside of the hydrolic ram with a number or color system for repeatable settings