

# Northwest Thistle - Quick Tuning Guide

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## DOCK SIDE TUNING

<b>Forestay tension</b>	21-32 ( Loos Model A)	19-24 (Loos Pro)	240-300lbs in all conditions
<b>Mast butt</b>	4' 9"		
<b>Mast rake</b>	27'		
<b>Diamond tension</b>	6-10 top, 10-14 middle, 10-14 bottom (Loos Model A)	3-6, 6-11,6-11 (Loos Pro)	
	Lower numbers for lighter crews		
<b>Jib lead laterally</b>	Sheet intersect thwart 17 ½" from centerline.		
<b>Mast flexibility</b>	Mast should be shimmed so there is slight prebend and a bit of "wobble" in the mast when pressed fwd.		
<b>Center mast in boat</b>	Make sure mast is in center of boat by taking tape to rail at shroud on each side.		
<b>Jib lead fore and aft</b>	108" in all conditions		

## ON THE WATER TUNING

CONTROLS	LIGHT (0-6)	MEDIUM (6-12)	HEAVY (12+)
<b>Mainsheet</b>	Eased upper batten Open if possible	Tight so that upper batten is parallel to boom unless accelerating	Eased so that upper batten is twisted open past parallel
<b>Vang</b>	Completely off	Only in upper ranges snug	tight (boom will show some bend)
<b>Outhaul</b>	Shelf open 2 ½"--3 ½ "	Shelf open 2-3"	Shelf completely closed-outhaul tight
<b>Cunningham</b>	None	Wrinkles only in lower ½ of luff	Increase tension to point of wrinkles in bottom 1/3
<b>Traveller</b>	If not tacking much, to windward 4"	Centered to leeward to balance	To leeward 8-15" to maintain balance
<b>Mast bend</b>	Overbend wrinkles just evident	Overbend wrinkles present	Overbend wrinkles very deep
<b>Main halyard</b>	Upper ball in all conditions.		
<b>Jib halyard</b>	Slight wrinkles in all conditions		
<b>Jib lead laterally</b>	17 ½"	17 ½"	18 ½"-19 ½" out from center
<b>Jib sheet</b>	1 1/2-2 1/2" off spreader	1-1/2"	2-3" (assuming 9 ½" spreaders)
<b>Jib telltale-steering</b>	Both telltales straight back	Both telltales straight back	Windward telltale stalled, jib luff breaking 4-5" back in bigger puffs

This Quick Guide is intended only as a guide to remind you of various approximate settings.