



Flying Tiger 10 Tuning Guide

Base Setup

Mast Base

The distance from the front of the mast to the bulkhead should be .05'

**Double check your boat!!!

- The aft face of the mast to the base of keel box should be .85'
- The forward base of the keel box to the aft face of the main bulkhead should be 1.37'

“J” Measurement

Front of mast to aft edge of stem fitting at deck level = 12.1'

**Double check your boat!!! The aft edge of the stem fitting at deck level measured to the shroud base should be 14.10' – 14.15'

Mast Rake

Main halyard to cockpit / transom intersection = 49.7'

**The mast rake is measured by tying a knot under the eye on a tape measure and hoisting it up the mast.

**Double check your boat!!! The distance from the cockpit floor to the bottom of the hull at the transom should be 1.13'+/-.01'

Base Settings Using the PT-2 Loos Gauge

	Base Setting
Cap Shrouds (V1)	35
Upper Diagonal (D2)	28
Lower Diagonal (D1)	26

At base, look for **.3'** of pre-bend while sighting up the back of the mast.

Rig Tension Using the PT-2 Loos Gauge:

** Make sure the cap shroud is aft of the D2 as it passes through the bottom spreader!!

Wind Strength in Knots (TWS):	0-7	8-12	13-17	18+
V1	-3	Base	+3	+6
D2	-2	Base	+2	+4
D1	-1	Base	+1	+2

Note:

The biggest difference between measured boats was the spreader angle. This will affect the shroud tension vs. prebend numbers. Remember this if you can't get your mast to meet these numbers.