STREAKER TUNING GUIDE.

TUNING IS KEY TO PERFORMANCE – P&B TUNING GUIDES ARE CREATED, TRIED AND TESTED BY OUR SAILORS AND BRAND AMBASSADORS.

MAST RAKE

We have found the optimum is 6120mm. Mast rake is measured by attaching a long tape measure on your main halyard and hoisting to the top of the mast.

Measure from the top of mast to the top of the aft tank at the transom.

The rake is adjusted by positioning the mast heel stops (pins) along the mast track. (The adjustment of the shrouds does not affect the mast rake.)

The boat should be set so the hull is level. Put a spirit level on top of the board case. The mast should be set so that the mast is touching the back edge of the mast gate and the heel of the mast is touching the aft pin in the mast track.

Then measure the rake. Be careful not to bend the mast when tensioning the tape measure. To achieve the rake of 6120mm adjust the heel of the mast along the track forward or back. It may be that you have to use a block behind or forward of the mast to get it in just the right position.

Make sure then that the mast is fixed fore and aft with the mast stops. There is not much point trying any of this if the mast heel is allowed to move about.

SETUP

Use your forestay and shrouds so that the mast sits as per the instructions below. The measurement is best achieved without the sail raised.

This position is your datum point from which the following will apply.

- First define your rake – pull a tape measure to the top of the mast and measure to the top of the gooseneck black band the measurement for this is 5045mm.
- Once you have achieved this measurement take the tape to top of transom check your rake measurement and move you forestay position until you reach 6120mm.

SETTING THE SHROUDS / FORESTAY, RIG TENSION.

With mast positioned so that the mast is tight against the back of the mast gate and the heel is against the back stop on the track, the shrouds can be adjusted to support the mast for sideways bend.

The forestay can then be adjusted to limit fore and aft bend.

The shrouds should be pulled into the shroud adjusters on both sides to the hole which you can just get the pin into on your own. This should not change the mast rake already achieved.

The forestay is set using a shroud adjuster (not a lanyard) and is pulled into the hole which you can easily just get it in on your own. As the wind increases ease the forstay off by a hole.