

Here is my attempt at putting standard DF95 A rig tune into steps. Credit to Clay Bauman

Input welcome

Place in stand fully sheeted on. Loosen backstay, jib and main cunninghams.

With the jib cunningham loose check that the front sail pocket moves up and down freely without any sticking.

Set mast step slider on third mark from the aft.

Check space between jib boom and deck eye is approximately 5mm.

Using a tape or piece of timber with set mark adjust forestay to measure from top back of bow rubber to centre of front hole in mast crane is 1135mm.

Set backstay length from top of stern eye hook to aft mast head crane hole 1090mm.

Re-check forestay measurement.

Adjust gooseneck until bottom of main boom tip is 100mm from deck.

Loosen bridle.

Tighten mainsheet to near max.

Adjust bridle to get ring centre and just below mainsheet boom guide under tension (with bowsies facing down so mainsheet doesn't catch on them). Push the boom left to right with fingertips near bridle looking from backstay to mast and check boom travels to equal distance from centre on both sides. If the boom goes further to port, shorten the starboard bridle.

Loosen mainsheet about 10mm.

Pick up boat and wave left to right, looking from backstay to mast check boom travels to equal distance from centre on both sides, adjust bridle if necessary.

Point the bow up and check mast bend matches the curve of mainsail luff. If the bottom is out, adjust the mast step. If top is out, adjust the backstay.

Place boat lying down on a table.

Measure jib leech and put a small pen mark in centre. Approx. 465mm.

Tension jib luff until wrinkles just disappear.

Adjust jib foot depth to 25mm from centre boom to deepest part of sail.

Adjust jib sheet until boom tip is just inside angle part of gunwale.

Adjust topping lift until mark to centre mast is 70mm.

Take up slack of main cunningham without adding tension.

Set mainsail foot to a depth of 25mm.

Sighting from backstay near to second bottom batten, aligned with mast step. Adjust mainsheet until boom tip is pointing at inside edge of stern cut out.

Adjust boom vang ram until second bottom batten to backstay measures 70mm.

Pick the boat up and looking from astern wave the boat repeatedly left to right, sighting the jib and main leeches to check their curvature matches. Adjust vang if they don't.

Look from back of rudder to keel and check rudder centre, also up rudder to align with backstay can show rudder centre. Flip and flop transmitter steering from port to starboard and check both bring rudder back to centre.

Pen mark ropes on single string side of bowsies to have a home mark and reference as to how much you adjust for different wind conditions.

When you put it in the water sail close hauled on both tacks, if it doesn't behave the same, there is a problem with your bridle or steering. If it does the same on both tacks, watch if it rounds up into the wind, if so increase mainsail twist with vang. If it bears away reduce twist. Always adjusting jib topping lift to match leech curves.