Laser Outhaul Rigging Guide – Normal Version – Port Side Rigging

Hopefully these rigging instructions are self explanatory. If you have any problems please contact us at sales@southeastsailboats.co.uk

These rigging instructions are for the Normal (Captive Block) version of our outhaul systems – where the block at the clew remains attached to the primary line, being fixed to the sail via a captive shackle or hook. The first part of these instructions cover the gooseneck and boom cleat blocks – which are very simple to install. The second part of these instructions are for installing the primary/secondary line assembly which involves a bit of 'rope magic' – and do need to be followed very carefully. The final part is running the secondary line through the blocks.

Port/Starboard Side Rigging: These instructions show 'port side rigging'. If you want to rig your downhaul on the starboard side then you need to do a mirror image of everything, or visit the website where there is a version of these instructions for 'starboard side rigging', or follow the QR code here which will take you directly to the starboard side instructions.

Part 1 – Installing the Block at the Gooseneck and Boom Cleat

Step 1 – Fit the block(s) at the gooseneck. Slide the loop down the mast to the gooseneck before you put your sail on. If you have the Front of Boom double block strop skip step 2.

Step 2 – This depends on the whether you have selected the top of boom or side of boom centre block option.
For the top of boom, fit the block at the boom cleat by passing the loop through the cleat fairlead and then pass the block back through the loop (bottom left).
For the side of boom option, slide the block assembly down the boom from the gooseneck end, and position as shown (bottom right)

Part 2 – Installing the Primary/Secondary line Assembly

As mentioned above this part involves a bit of 'rope magic' – please follow very carefully. If you rig your outhaul control line down the port side of your Laser then follow the photos exactly. If you rig your downhaul on the starboard side then you need to do a mirror image of everything so start by threading the primary line loop through the boom eye the other way, or visit the website where there is a version of these instructions for 'starboard side rigging'. If you think you are going wrong, undo it and start again before you get too far.

Step 1 – Start by getting your outhaul primary/secondary line assembly ready and deciding what side of the boom you want to rig your outhaul secondary control line…..

Step 2 – If you normally run your outhaul control line down the port side of your boom pass the primary line loop through the boom eye from the port side as shown in the photo below (and all remaining photos).
If you want to run your outhaul control line down the starboard side pass the primary line loop through the boom eye from the starboard side, and do a 'mirror image' of the following steps
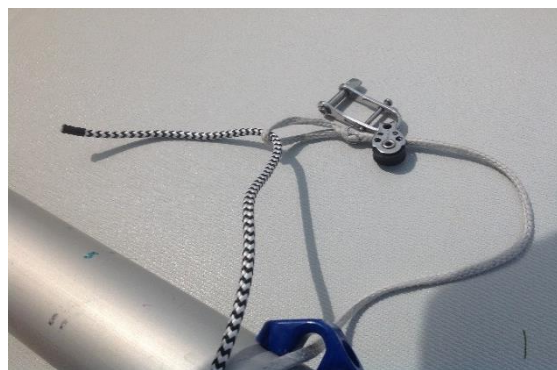
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Step 3 – Pass the primary line loop through the small block attached to the shackle (or hook)

Step 4 – Take the end of the secondary line and thread it through the primary line loop

Step 5 – Pull the secondary line and the floating block all the way through the primary line loop until it looks like the photo below

Step 6 – Here comes the 'magic' part. Thread the primary line loop back through the boom eye from port to starboard

Step 7 – Push the block/shackle through the primary line loop. Double check that it looks like this

Step 8 – Pull the primary line and the loop at the end will tighten around the boom eye. The line and block should move freely. That's the tricky part all done!

Part 3 – Threading the Secondary Line

Centre Block Versions - Take the end of the secondary line, pass it through the block attached at the boom cleat, then back to the 'floating' block at the middle of the primary and secondary lines, and finally back through the block at the gooseneck.

Front of Boom Version – Take the end of the secondary line, pass it through the block attached at the gooseneck, then back to the 'floating' block at the middle of the primary and secondary lines, and finally back through the second block at the gooseneck

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