

Rigging Guide

Laser 1, Radial and 4.7

1. Report to the Officer of the Day (OOD).

2. Mast and Sail

- From the Hire Shed select appropriate bottom mast for the size of rig you are using. If necessary, transfer a kicker block and rigging from another bottom mast section to one of the size of your choice.
- **Note:** The kicker is attached to the mast by a clevis pin and split ring at the bottom of the kicker block.
- Turn the boat head to wind.
- Put the mast halves together.
- From the Hire Shed select the appropriate size of sail and three battens (one short and two long).
- Slide the sail over the end of the mast carefully making sure that the foot of the sail is in line with the gooseneck. The top of the sail should fit snugly over the top of the mast.
- Insert the battens.
- **Note:** When inserting the batten into the pocket, you will be applying pressure against elastic located in the end of the pocket. As you press against the elastic, slide the batten in and down so that the tip rests in the closed end of the pocket.
- Raise the mast and place it into the mast step making sure there is no dirt or grass stuck to the end of the mast to avoid damaging the mast step.
- Secure the mast retainer line by passing each end over and across the kicker mast attachment point and looping each end around to the front of the mast and then attaching them together
- Remove the Kicker and Cunningham lines from the bungee tidy above the gooseneck and arrange them on the deck
- Insert the boom on to the gooseneck making sure it is the correct way up with the two pulley blocks underneath. Attach the sail to the boom by passing the hook at the outer end of the boom through the clew grommet of the sail.

3 The Outhaul

- Take the control line forward along the boom to the turning block attached on the port side of the gooseneck, then down to the turning block on the deck and back through the deck jamming cleat.
- Finish off by making a loop handle.
- Take both ends of the bungee attached to the boom at the cleat on top, half way along the boom, cross them under the boom and feed the knotted end through the clew grommet and secure the knotted end to the other end with the plastic clip.

4 The Cunningham (Downhaul)

- The cunningham is already attached to the mast.
- Take the shorter line (primary line) up the starboard side of the mast and pass the end through the tack grommet of the sail and secure down to the snap shackle located on the front of the kicker block. Ensure the line comes down to the snap shackle on the same (starboard) side of the boom.
- Take the long line (control line) down to the turning block on the deck and through to the deck jamming cleat.
- Finish by making a loop handle.

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5. The Kicker (Vang)

- The kicker is already attached to the lower mast section.
- Make sure the kicker lines are not twisted and secure the top end of the kicker to the fitting on the underside of the boom.
- **Note:** To make attachment easier, use the mainsheet once rigged to pull the boom down.

6. The Mainsheet

- The mainsheet is already threaded through the ratchet block in the cockpit.
- Take the working end (the one without a knot) up from the ratchet block to the block halfway along the boom, through the loop on the boom and straight back to the block at the end of the boom.
- Pass through the block and down to the block of the traveller making sure it goes from back to front and then back up to the block on the end of the boom and secure to the becket.

7. The Rudder and Tiller

- Attach the rudder by placing the two pins of the rudder into the two matching holes on the stern of the boat.
- Insert the tiller underneath the traveller line into the rudder stock and secure with the pin.
- Feed the rudder down control line from the rudder, along the tiller and into the jammer cleat.
- Attach the tiller extension.

Finally, ensure the bung is inserted in the transom.

Once afloat, insert the daggerboard and attach the bungee line from the bow cleat to the retaining loop on the top front edge of the daggerboard.

When packing the Laser away, please gather the Kicker and Cunningham lines together and secure above the gooseneck using the bungee loop as a tidy.

Go sailing and have fun.