

Instructions for raising the mast and fitting the forestay/furler

Preparing the mast

Action

Shift the mast aft from its transporting position and install the pivot pin on the mast step.

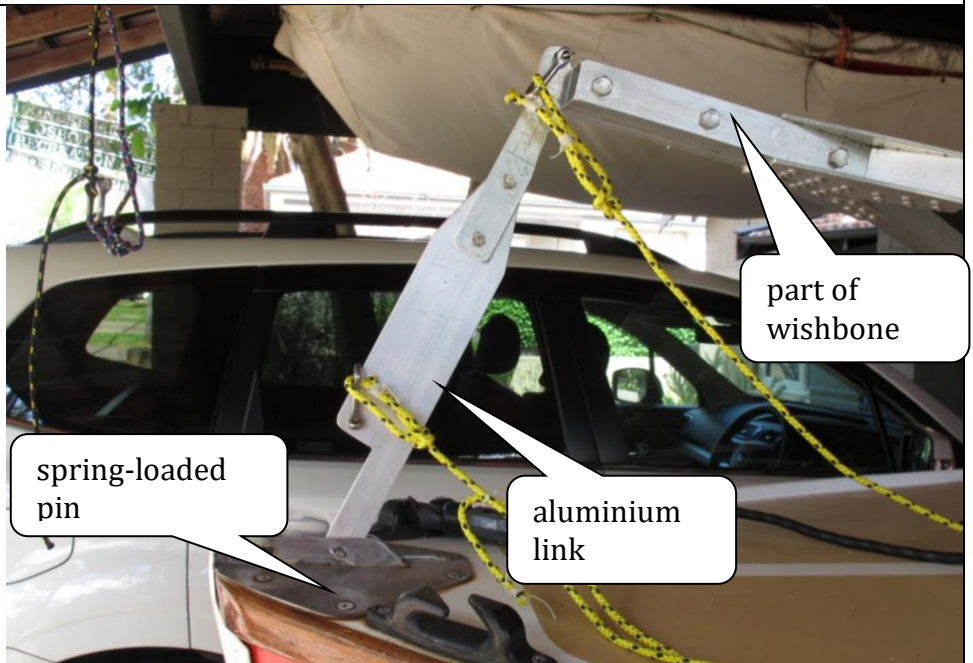
Check that the shrouds are free.

Don't forget to install the tell-tales

Prepare the frame and lifting tackle

Action

The wishbone frame will usually be on the foredeck. An aluminium link supports it at the bow, secured by a spring-loaded pin in the aft-most hole in the bow fitting.



Identify the raising tackle (pulley with red/white rope, sister clip, and shackle).



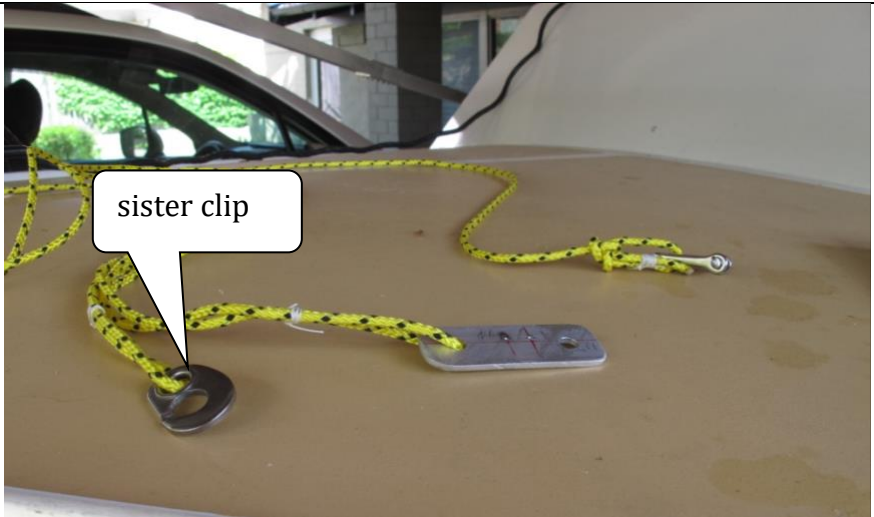
Attach the shackle on the end of the red/white rope to the bow ring.

Shackle



Identify the yellow cord that has two loops at the free end, one of these loops has a sister clip on it.

sister clip




Connect this sister clip to the one on the pulley.




Identify the yellow cord that is attached to the wishbone frame. The other end of this cord will be shackled onto the mast

cord connected to wishbone



<p>The mast will be supported at the bow by an aluminium link. Disconnect this link from the bow fitting (store the spring pin in the other hole in the bow fitting).</p>	
<p>Swing the frame up and over the cabin, paying out the yellow cord that connects the link to the pulley, then pay out the red/white line from the pulley, until it comes up against the stop knot.</p>	
<p>Shackle the other yellow cord to the (lower) saddle on the mast.</p> <p>You are now ready to raise the mast.</p>	

Raising the mast

Action	
<p>Check that the shrouds are free and bring the forestay with the tensioning mechanism on it as far forward as is convenient.</p>	
<p>The person in the boat lifts and steadies the mast, while the person standing on the ground pulls on the red/whiterope from the pulley (to get the proper purchase, stand near the bow).</p>	

When the mast is upright, there will be a small aluminium link dangling from the yellow cord near the pulley.



Attach this link to the aft-most hole in the stem fitting and retain it with the spring pin. The mast is now secure.



Disconnect the pulley tackle and put it in the cardboard box.

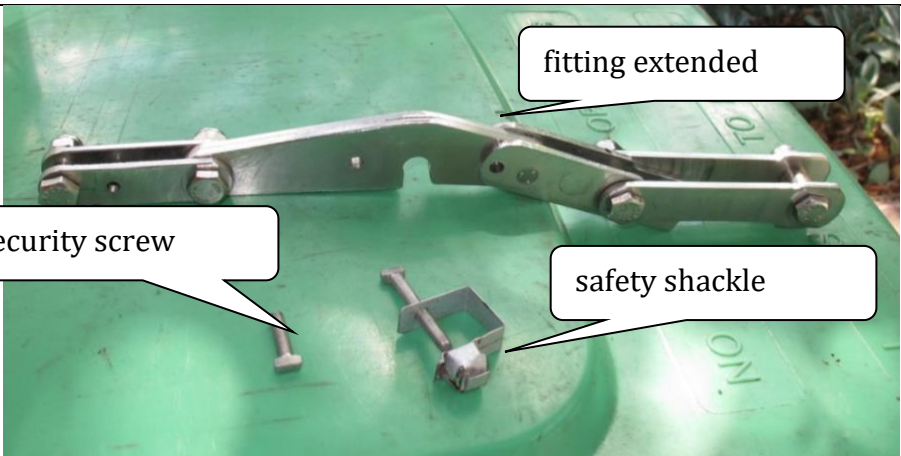
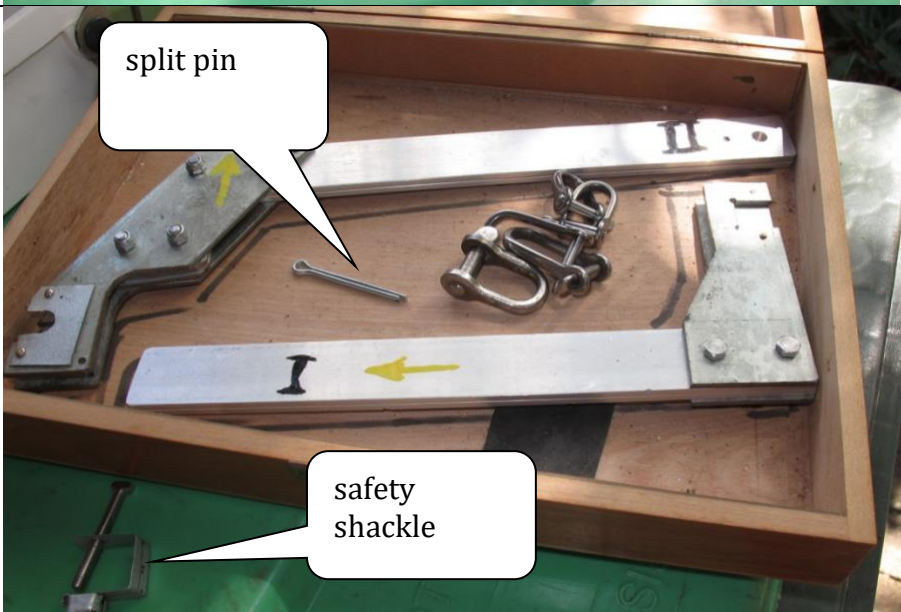

Preparing the furler

Action

Attach the furler to the bow fitting, with the black-and-yellow painted edge pointing forward. Secure it with the spring pin stored on the furler.



Fitting and tensioning the forestay

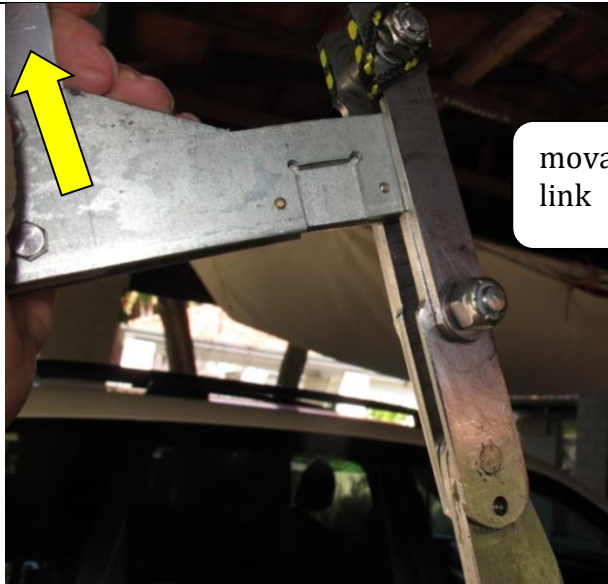
Action	
Bring the forestay fitting forward.	
Confirm that the fitting is fully extended	
Identify the split pin and safety shackle (stored in the wooden box).	
Connect the forestay fitting to the plate on the furler drum, with the black and yellow painted edge pointing forward.	
Install the security screw (from the wooden box) on the forestay fitting. It only fits on the starboard side.	

The forestay is tensioned in two stages.

Stage 1:

Take key I.

With the yellow arrow pointing upwards, slide the key in between the top links and onto the movable link in the fitting.



movable link



Rotate the key until the handle is roughly horizontal, and insert the split pin (from the wooden box) into the holes in the body of the rotating link.

This is the end of stage 1.



split pin

Stage 2

Remove key I

Take key II. With the yellow arrow pointing upwards, slide the key over the end of the movable link.



Take the strain, and remove the split pin.

Rotate the key as far as it will go. You should feel it go “over centre”.



When the linkage has gone over centre the linkage will be secure for the moment.

To ensure security when sailing, install the safety shackle. It fits either way.

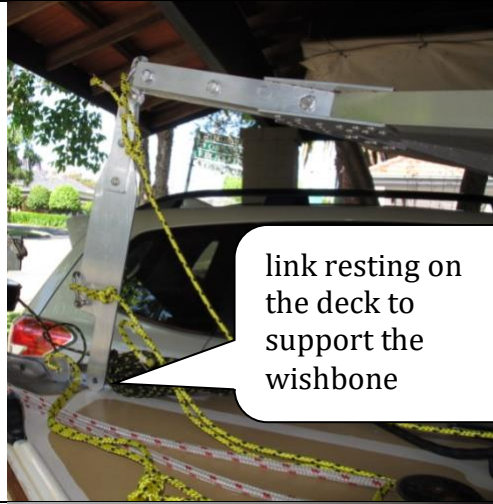


Remove key II

Clearing up

Action	
Disconnect the line from the wishbone at the bow	
Disconnect the line from the mast	
Bring the wishbone down toward the bow.	

Use the link on the wishbone to support the frame.



link resting on the deck to support the wishbone

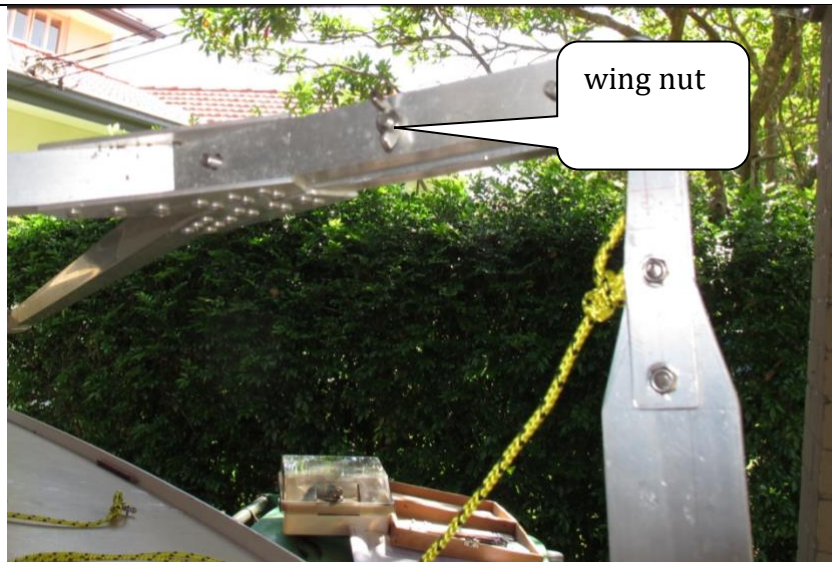
Remove the spring pins from the shroud-plates.



spring pin

Remove the wishbone frame from the boat.

Un-clamp the two halves of the frame at the bow (single wing-nut) and store them in the car..




wing nut

Finish rigging the furler

Action	
Turn the tensioner assembly so that the black/yellow edge points aft.	
Shackle the jib (tack) onto the aft shackle on the connector plate	
Hank the jib onto the forestay.	
Check that the jib halyard is correctly reeved, with the multi-coloured line aft and the yellow/black line forward.	
Shackle the multicoloured line onto the top (peak) of the jib.	
Raise the jib by pulling on the yellow/black line.	
Hold onto the multi-coloured line, disconnect the yellow/black line and put it somewhere safe (eg in the cardboard box).	
Thread the multi-coloured line through the shackle on the front of the connector plate, then up and through the loop on the multicoloured line. Tension it by pulling down on the line and secure it to itself with half hitches.	
If the jib sheets are not already attached to the jib, attach them now.	
Run the jib sheets through their blocks.	
Run the control line aft.	
Furl the jib by pulling on the control line..	

Lowering the mast

This is essentially the reverse of raising the mast.

Action	
Free the jib sheets from their blocks.	
Un-furl the jib.	
Untie the multi-coloured line, and disconnect it from the shackle on the connector plate.	
Shackle the yellow/black line to the loop of the multi-coloured line.	
Lower the jib (yellow/black line).	
Un-hank the jib and un-shackle it from the connector plate.	
At some stage, roll the jib and put it in its bag.	
Tie the end of the yellow/black line to the shackle on the multi-coloured line and tie it to the eye on the end of the wire forestay.	
Re-assemble the wishbone.	
Re-install the wishbone (with the aluminium plate facing the deck).	
Re-attach the line to the mast.	
Re-attach the small aluminium plate to the aft hole in the bow fitting.	
The mast will now be secure when the forestay is disconnected.	
Rotate the furler until the yellow/black edge is pointing forward.	
Remove the safety shackle from the tensioner.	

Take key II, and slide it over the movable link in the tensioner (the yellow arrow will be roughly horizontal). Note, figure shows key in final position.



Rotate the key until you can put the split pin in the holes in the movable link. You will be pulling it over centre, so be prepared.

Remove key II.

You can probably do the next bit by hand.

Take the strain on the movable link, remove the split pin and allow the movable link to fully extend (if necessary you can use key I). Put the split pin in the box.. Note, figure shows key in final position.



Remove the safety screw from the tensioner and put it in the wooden box.

Unhook the tensioner from the furler, and put the tensioner on the cabin top..

Shackle the red/white rope onto the bow ring.

Connect the pulley to the yellow rope using the sister clips.

Install the mast-rest at the stern of the boat.

[illegible]