



Topaz 14C

Rigging Instructions

Topaz 14C



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TOPAZ 14C/ 14CX RIGGING INSTRUCTIONS

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INTRODUCTION

These **RIGGING INSTRUCTIONS** have been compiled to help you to rig your TOPAZ 14C/ 14CX.

Please also ensure that you refer to your TOPAZ **OWNERS MANUAL**. The **OWNERS MANUAL** has been compiled to help you to operate your craft with safety and enjoyment. It contains details of the craft, the equipment supplied or fitted, its systems and information on its operation and maintenance.

Please read it carefully and familiarise yourself with the craft before using it.

If this is your first craft, or you are changing to a type of craft you are not familiar with, for your own comfort and safety, please ensure that you obtain handling and operating experience before assuming command of the craft. Your dealer or national sailing federation or yacht club will be pleased to advise you of local sailing schools, or competent instructors.

PLEASE KEEP THE **RIGGING INSTRUCTIONS** and THE **OWNERS MANUAL** IN A SECURE PLACE AND HAND THEM OVER TO THE NEW OWNER WHEN YOU SELL THE CRAFT.

MANUFACTURER DETAILS

For further information, spares and accessories, please contact the manufacturer:

TOPPER INTERNATIONAL LTD,

Kingsnorth Technology Park,

Wotton Road, Ashford, Kent TN23 6LN

Telephone +44 (0) 1233 629186

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TOPAZ 14 RIGGING INSTRUCTIONS

TOPAZ 14

TOOLS REQUIRED

In order to rig the Topaz 14, it is advisable to have your tool kit to hand. You will need a flathead screwdriver, a phillips screwdriver, a pair of pliers and a socket set.



TOPAZ 14

TOPAZ 14 RIGGING INSTRUCTIONS

BEAMS

Lay the two hulls into the launching trolley cups bow first. This will hold the hulls in the correct position to connect to the main and rear beam.

8x lock nuts, washers and 8mm x 15mm s/s bolts are supplied.

You will require assistance to bolt the beams into the hulls. The main beam has a ball deck step and is shaped to fit snugly into the front socket of the hulls. The rear beam is smaller with a traveller attached and a row of small plastic wheels along its length. Again this is shaped to fit perfectly into the rear beam sockets with the white plastic wheels facing aft.

Feed the bolts into the holes in the hulls going through the washer and then attach lock nut and tighten.



TRAMPOLINE

1. Remove the beam end cap from the main beam.



2. Ensure that the 5mm glass tube is inserted into the sleeve that runs along the front of the trampoline.



Insert 5mm glass tube and trampoline into the main beam.



Then slide across the length of the beam until the trampoline is positioned centrally.



3. Tie small retaining line on plastic wheel on rear of trampoline. This is in order that you can still reach the wheel once you have tightened the rope at the front of the trampoline (see next step)



4. Insert rope from trampoline through hole in main beam.
5. Pull tight and tie off with figure of eight knot.
(The wheel at rear of trampoline should now only just be visible protruding from the rear of the trampoline).

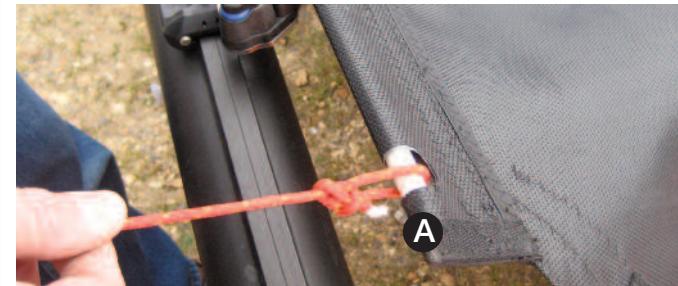


6. Untie retaining line from wheel at rear of trampoline. Re-attach to eyelet on rear beam (bth sides) to hold trampoline centrally in position.

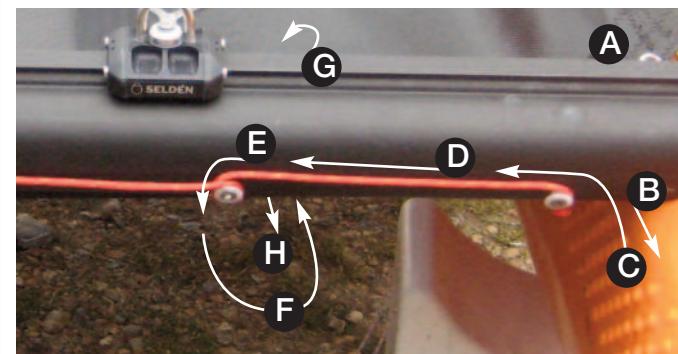


LACING THE TRAMPOLINE

1. Ensure that the 10mm glass rod is inserted into the rear of trampoline.
2. Tie loop on end of trampoline lacing line (A) using a bowline knot.



3. You can then begin to lace the trampoline onto the rear beam.
4. (B) Feed line aft under rear beam, (C) over the top of the 1st nylon wheel, (D) on to next wheel, (E) over the top of 2nd wheel, (F) Then forward under the beam, (G) and down through the eye in the rear of the trampoline around the 10mm rod, (H) then back under beam...
5. ... Then over the top of the 2nd wheel and lace as one the first wheel. Then continue lacing process until you reach the final nylon wheel on the end of the rear beam.



6. Once at the end of the beam. Go back to first loop and tighten the section between the first wheel and the second. Then tighten the loop between the second and third and so on.

7. With the tail of the rope, feed under beam, loop it over the far end of the 10mm glass fibre rod and then back under the beam. Round the last nylon wheel and tie off between the last but one.

NOTE; THE TRAMPOLINE LACING WILL NEED TO BE RE-TIGHTENED FROM TIME TO TIME TO ENSURE THAT THE TRAMPOLINE REMAINS TAUT.



ATTACH TRAMPOLINE TO REAR BEAM

A. Attach trampoline tensioning lines to the deck eye on rear beam (1).



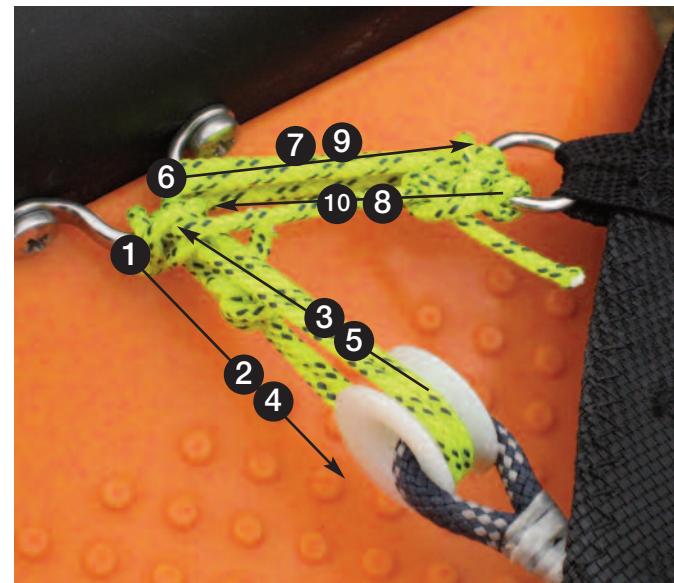
B. Feed forward & through pulley wheel at rear of trampoline (2).



C. Then repeat so back to and through deck eye (3), then forward again and through pulley wheel (4). Tension as tight as possible.

Then back to deck eye (5) through deck eye (6) and repeat process, this time through the stainless steel ring fixed to the back of the trampoline rather than the wheel (7-8-9-10).

Finally, back through deck eye. Again, tension as tight as possible. Tie off with a round turn and two half hitches.

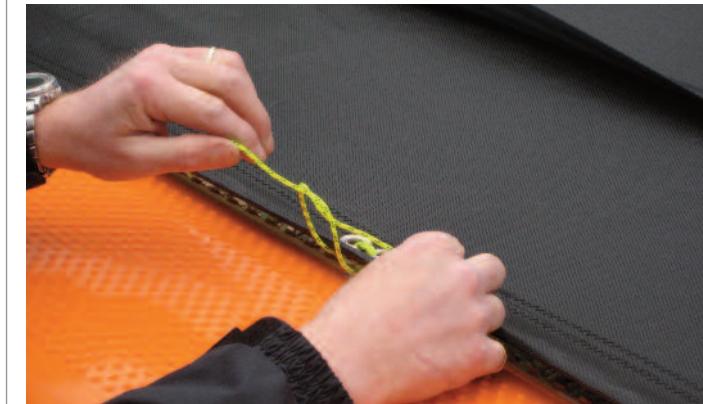
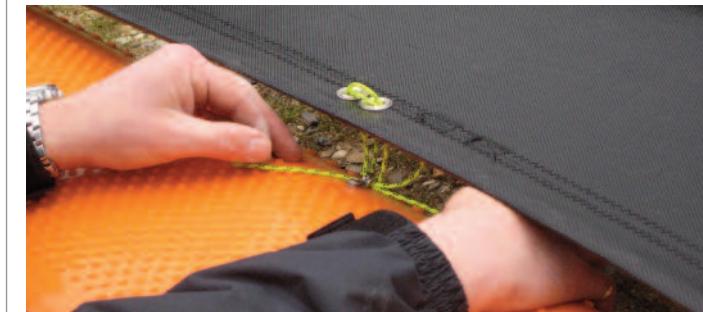


Then repeat on opposite side. Ensure trampoline is as taut as possible to ensure a firm platform.

TIGHTEN CENTRE OF TRAMPOLINE

A. Tighten centre of trampoline by feeding rope through deck eye left-to-right, then up to and through right trampoline eyelet, through left eyelet and back down through deck eye (left to right).

B. Then feed right hand tail up through right trampoline eyelet and left hand tail up through left trampoline eyelet, tighten and tie off with a reef knot.



C. Tidy tail ends by tucking back down through eyelets.

JIB BLOCKS

The jib block set includes 2x jib blocks and a rope loop with ball on.



A. Remove pin to take rope loop & ball off.



B. Take rope loop and poke up through eyelet in trampoline.



C. Re-insert pin through rope loop. Attach with 'O' ring.
Repeat on opposite side of boat.



MAST

Lay mast section along centre of boat with the top of the mast pointing towards the back of the boat. Ensure jib halyard is threaded through eyelet on the forestay.

1. Attach the rigging to the mast using the large bow shackle.

The rigging includes;

- 1x set of shrouds (coated in white plastic)
- 2x trapeze wires
- 1x forestay (with metal ring).

2. Attach bow shackle including rigging to crane fitting located on the front of the mast section. It is important to tighten this shackle.



Then you need to tidy the rigging lines in readiness for erecting the mast.

3. Attach front striker bar using shackle spliced onto rope (both sides). Ensure tapered edge of the striker bar facing aft.



4. Lay mast section along centre of boat with the top of the mast facing aft.



5. Position mast so that the foot of the mast is on the ball joint on the front beam and secure in place with pin.



- Pull all wires down to foot of mast ensuring they are untangled.
- Lay trapeze wires to either side of the mast, so that they are roughly in the correct position ready to be attached once the mast is upright.
- Next is the jib halyard, the jib halyard comes in two parts. Ensure one section is fed through eye on forestay.
- Attach shrouds either side using shackle



ENSURE THAT THE STERN OF THE BOAT IS FACING INTO THE WIND. ENSURE THAT THE MAST IS CLEAR OF ANY OVERHEAD CABLES OR OBSTRUCTIONS!
Re-tidy all of the rigging. You are now ready to raise the mast. This is a two person job.

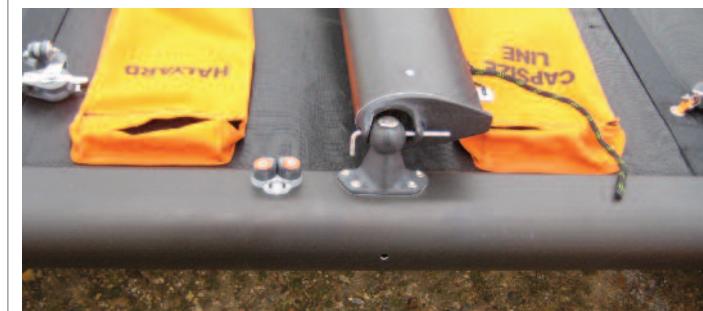
- Person One (1) should be positioned towards the front of the boat holding the trapeze wires. Person Two (2) should support the top of the mast behind the boat and then walk mast forward until it is upright.



- Attach forestay to rig on rope bridle attached to striker bar. Pull tight and tie off.

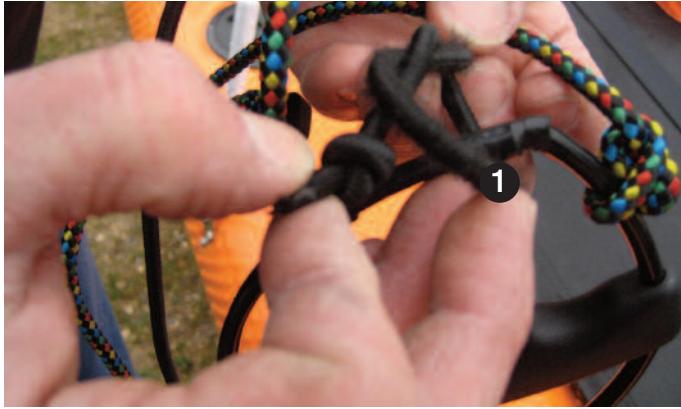


Then remove mast pin (allowing mast to rotate on ball).



TRAPEZE

A. Attach shock cord and rope with adjustment stop to trapeze handle (1).

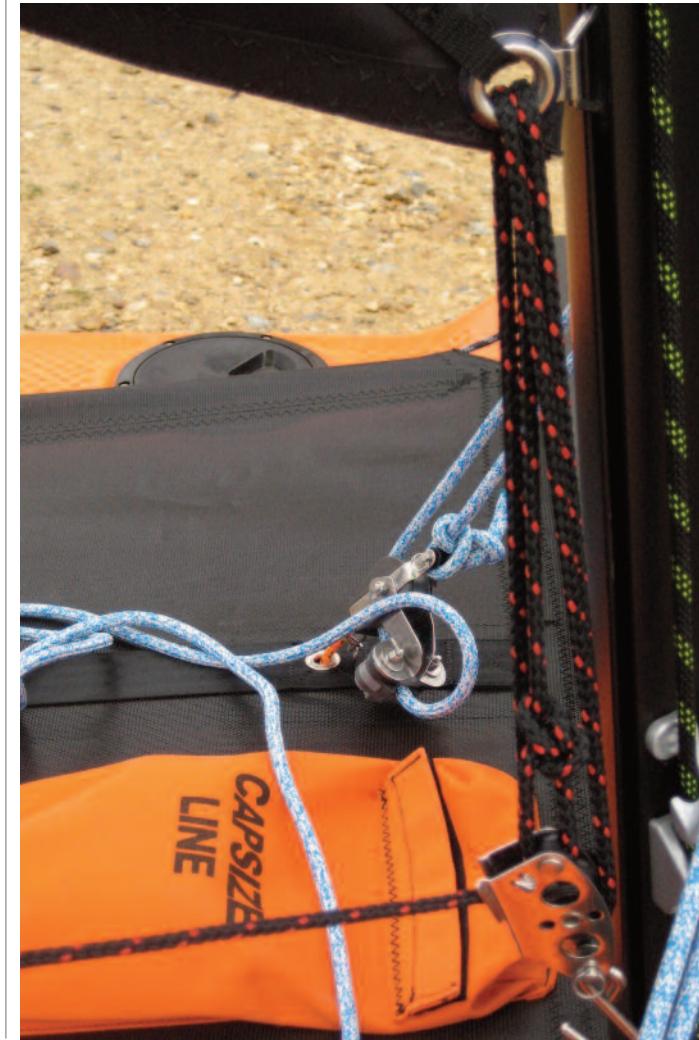
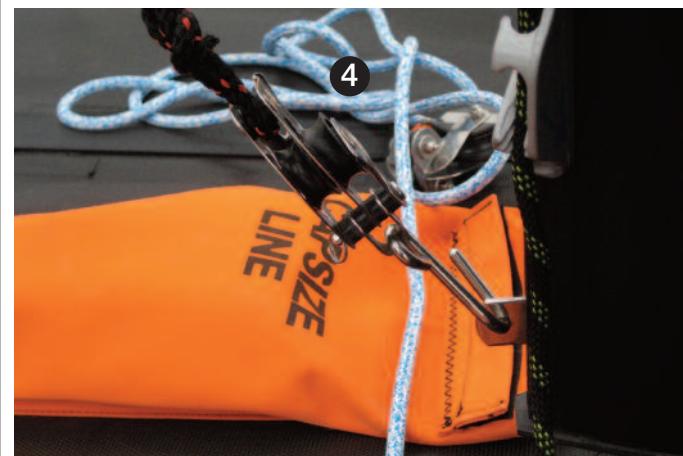


And feed through trapeze wire eye (2). Then take other end of cord. Feed line under trampoline to other side of the boat then off boat. Up and through trapeze wire eyelet and handle as before.



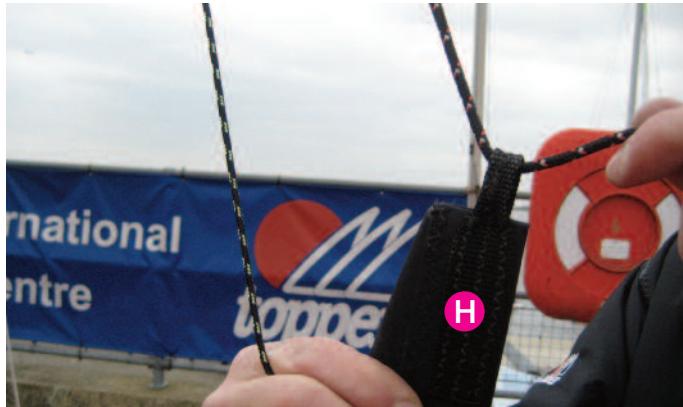
DOWNAUL/ KICKER SYSTEM

You can now attach the downhaul system to the foot of the mast.



JIB

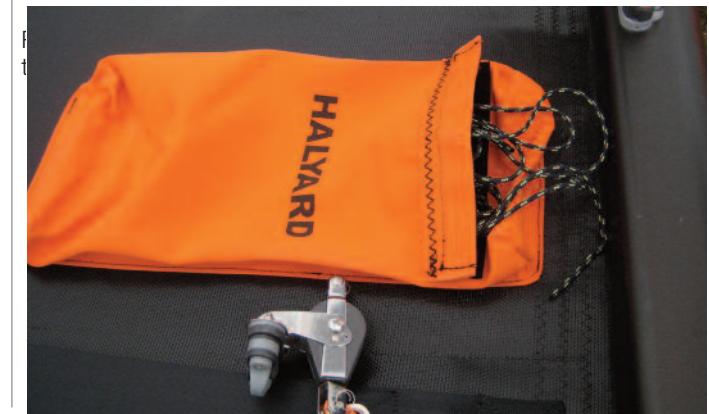
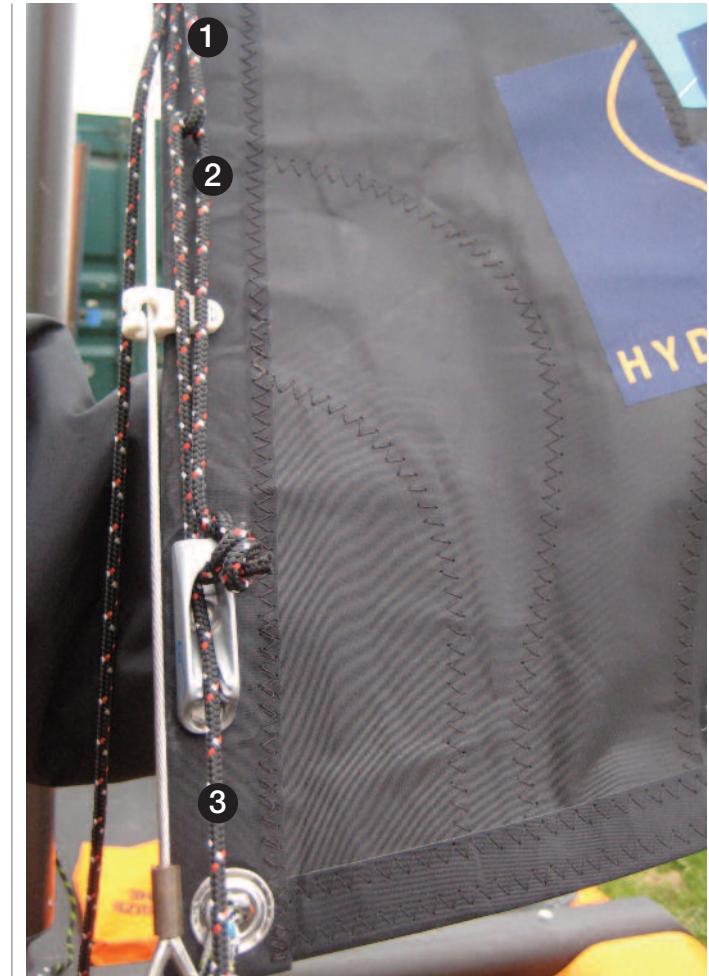
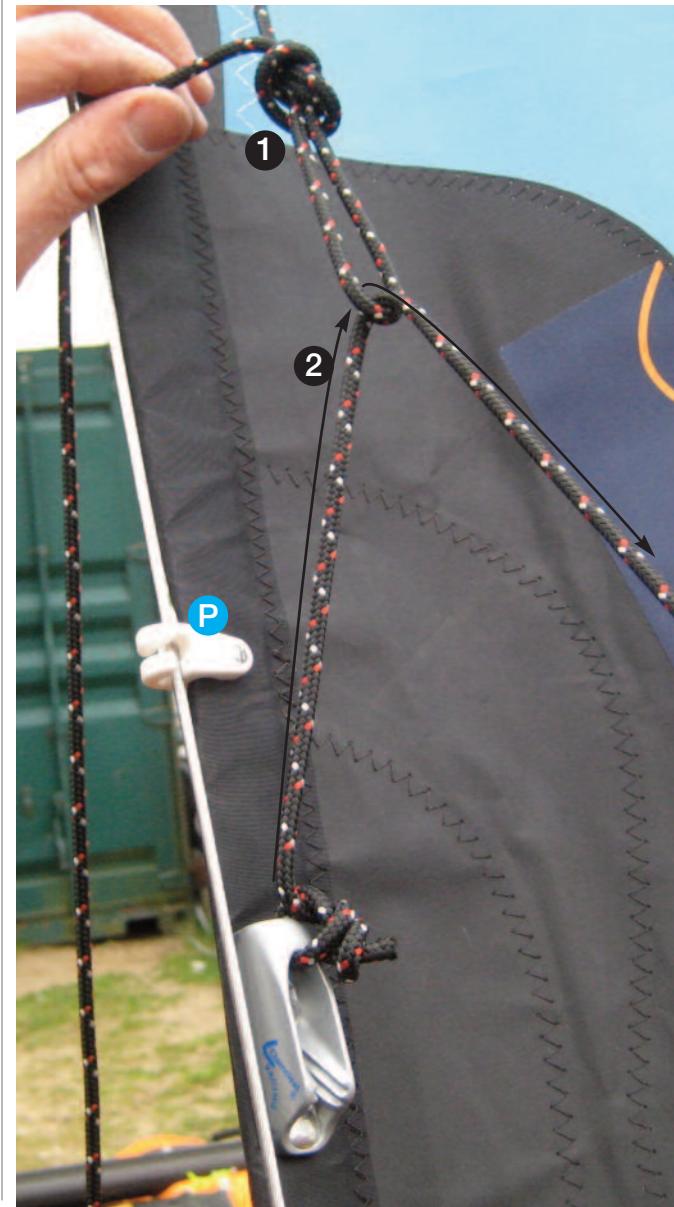
A. Tie jib halyard (**H**) to top of jib sail onto webbing loop.



B. Attach plastic hanks (**P**) to forestay. Pull jib halyard to raise jib attaching hanks as you go.

When sail is fully raised, using tail end of forestay tie bottom of jib to bridle ring.

Tie small loop in jib halyard (1) taking tail of rope attached to cleat on jib through loop (2) in jib halyard then back through cleat (3). Pull to tension.



JIB SHEETS

D. (1) Tie jib sheet onto jib block using a bowline knot.



... (6) through the other pulley cleat (on the other side of the mast)...

then (7) up to and (8) through top eyelet in jib sail



E. (2) Take jib sheet up to & through the lower eye in the jib sail,
(3) down and...



... (4) through pulley and cleat,

(5) ROUND BACK OF THE MAST
(to the other side of the mast)...



MAINSHEET

A. Attach mainsheet system to rear traveller car.



B. Ensure 2 figure of eight knots tied in tail of mainsheet.



C. Take end of tail through cleat and S/S hoop on mainsheet block. Through eyelet on rear beam. Tie off with figure of eight knot.



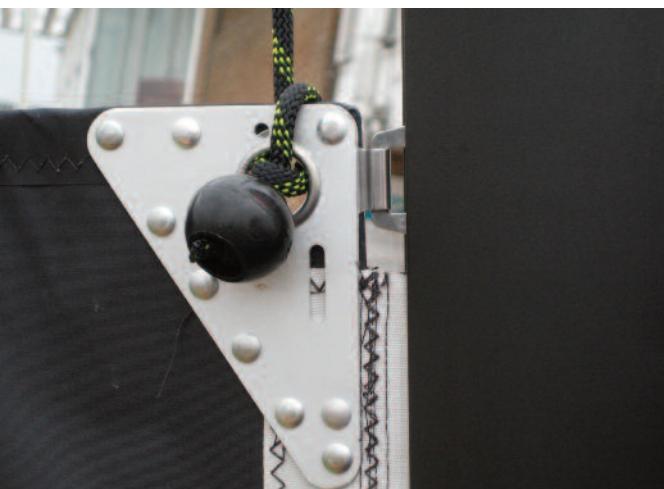
Tip; Tie two figure of eight knots in the mainsheet approximately 1.5metres from the block to prevent the traveller car sliding into each side of the rear beam track when sailing.

MAINSAIL

A. Attach main halyard to top of mainsail.



B. Feed mainsail slug into mast track. launch mainsail with main halyard.

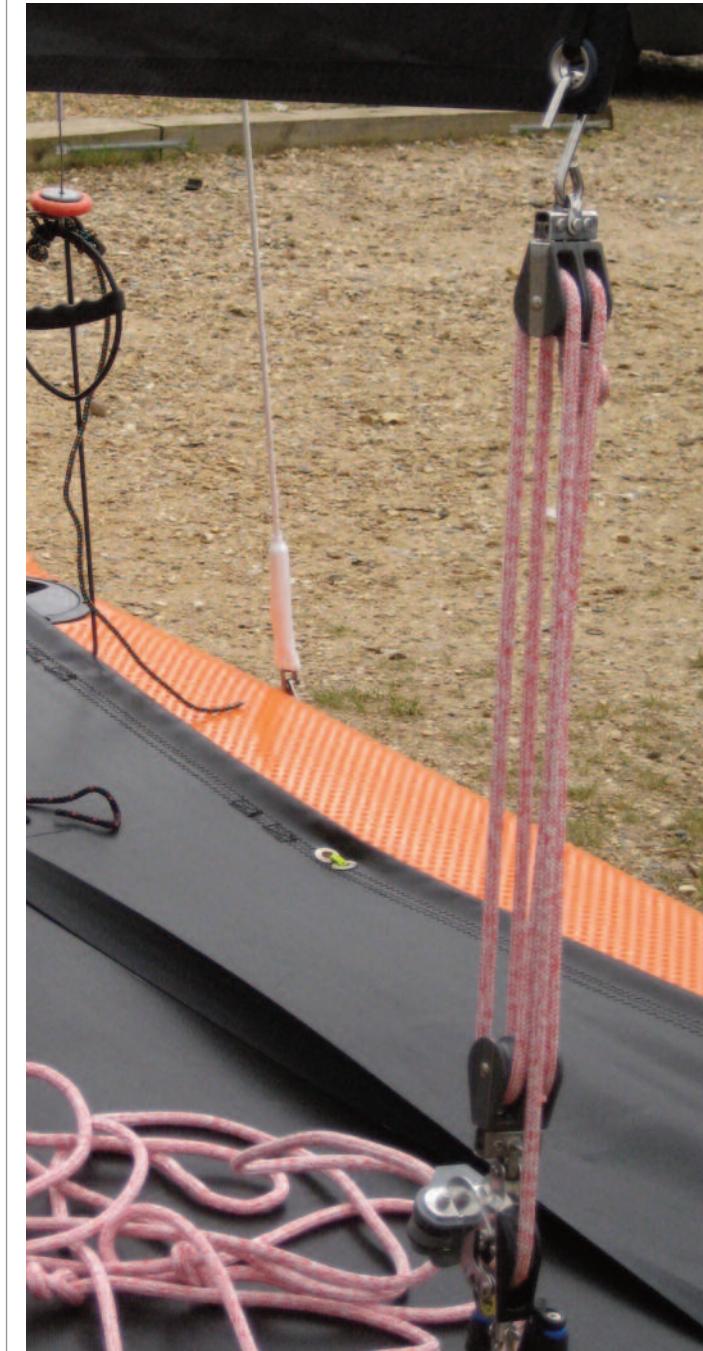


C. Cleat off main halyard at foot of mast.

D. Tidy tail end of main halyard in HALYARD POCKET.

ATTACH MAINSHEET

Attach hook through eye on rear of mainsail.



RUDDER

Clip on. Ensure that rudder retaining clip is locked into position over stock.



Attach connecting bar to rudder.



CAPSIZE LINE

Tie round mast foot with a bowline, and store in Capsize Line Pocket. You may wish to tie figure of eight knots along the line at evenly spaced intervals. These will help as gripping points.

