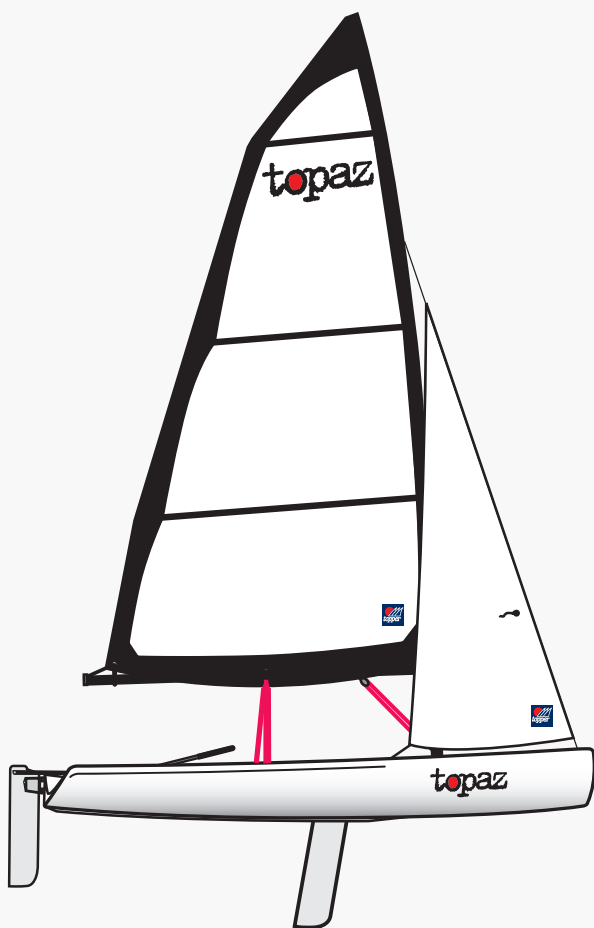




# *topaz uno race plus/x*

» Rigging Instructions



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## introduction

These RIGGING INSTRUCTIONS have been compiled to help you to rig your Topaz UNO RACE PLUS/X sailing dinghy. 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, it's 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 sea 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.**

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

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The TOPAZ UNO RACE PLUS & RACE X are designed to require very little maintenance, but there are some simple ways to keep your boat in the best condition.

## Rudder

Never launch your boat without checking that the retaining clip has clicked into place beneath the upper transom fitting, as this will prevent the rudder from falling off.

## Sails

After you have finished sailing, roll the mainsail loosely, this will extend its life better than folding. Always rinse the sails and the boat after sailing in salt water.

## Foils

Make sure that the rudder blade remains tight between the stock when down. Any movement between the blade and the stock, or the stock and the hull may cause steering problems.

## Hull and fittings

Small dents can be repaired by gently warming the hull with a hot air blower (take care not to melt the hull). For any more substantial repairs refer to Topper Sailboats.

Check the attachment of all fittings regularly. This is particularly important for the fittings that are screwed onto fixings that are set in the hull. Keep all blocks, cleats and ropes clean and rinse them after salt water exposure.

Always remove the bung to empty any water after sailing, and when not sailing leave the bung out to prevent the buildup of pressure within the hull as the temperature fluctuates.

## Ropes

Always replace any ropes that are showing any signs of wear immediately.

# **glossary / useful terminology**

## **hull**

<b>Nose:</b>	Front of the hull
<b>Painter:</b>	Rope from the nose of the hull used for towing or tying the board to a jetty, buoy or trolley
<b>Transom:</b>	Back of the hull
<b>Fore:</b>	Forward
<b>Aft:</b>	Rearward
<b>Mast Step:</b>	Integral tube where the mast heel/foot of the mast locates
<b>Rail:</b>	Upper/outermost edge of a hull
<b>Port:</b>	Left side of the hull when looking forward
<b>Starboard:</b>	Right side of the hull when looking forward
<b>Leeward:</b>	Direction away from the wind
<b>Windward:</b>	Direction from which the wind is coming
<b>Gudgeon:</b>	Fitting on the transom used to hang the rudder

## **spars**

<b>Mast:</b>	Main vertical spar supporting the rig/sail
<b>Mast Heel:</b>	Lower edge/foot of the mast
<b>Boom:</b>	Spar at the bottom of the mainsail
<b>Outhaul:</b>	Purchase system on the boom for tightening the lower edge/foot of the sail
<b>Vang:</b>	Purchase system for tightening the rear/aft edge (leech) of the sail
<b>Cunningham:</b>	Purchase system for tightening the forward edge/luff of the sail
<b>Sheet:</b>	Rope for controlling the inward/outward position of the mainsail

## **foils**

<b>Daggerboard</b>	Blade found in the middle of the hull used to counteract leeward slippage
<b>Rudder:</b>	Blade found at the transom used for steering
<b>Pintle:</b>	The male part (pin) of the rudder hanging system

## ■ sails

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<b>Mainsail:</b>	Sail aft/rearward of the mast (Larger of the two)
<b>Jib:</b>	Sail forward of the mast (Smaller of the two)
<b>Tack:</b>	Forward lower corner of a sail
<b>Clew:</b>	Rear lower corner of a sail
<b>Head:</b>	Upper corner of sail
<b>Leach:</b>	Rear edge of the sail
<b>Luff:</b>	Forward edge of the sail
<b>Foot:</b>	Bottom edge of the sail
<b>Batten:</b>	A thin stiffening strip in the sail to support the leach

# rigging instructions

## rigging the mast & mainsail



The Topaz Race R2 has a tracked mast with a halyard as standard. Insert the upper mast into the lower mast so that the track lines up. Then pass the red halyard through the top of the mast from the back (with the track) to the front as shown.

1



Secure the end of the halyard in the cleat at the bottom of the mast on the front side.

2

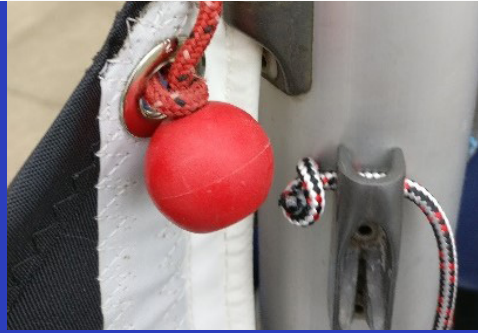


Pass a loop of the halyard through the eyelet at the top of the sail. Pass the red ball through the loop and pull it tight to secure it.

3

## ■ rigging the mast & mainsail (...)

4



Place the head (top) of the sail in the mast track and pull the free end of the halyard to raise the sail. Once the sail is at the top of the mast, the halyard can be coiled and placed in the velcro pocket near the tack of the sail.



5



Attach the downhaul by tying an overhand knot in one end and passing the other end through the hole in the top of the cleat on the mast.

Pass the end through the metal ring on the sail, and then through the same cleat to secure it.



6



## ■ rigging the mast & mainsail (...)



If you intend to use the asymmetric spinnaker, please attach the shrouds and spinnaker halyard pulley to the upper of the two fittings on the front of the mast.

6

## ■ rigging the asymmetric spinnaker



Begin this rigging with the mast down as the halyard will need to be attached to it.

Attach the tack of the spinnaker to the bowsprit. This is done in a similar fashion to the head of the mainsail, by pushing a loop of rope through the eyelet and then putting the red ball through the loop.

1



Tie one end of the halyard to the head of the spinnaker using a bowline knot.

2



## ■ rigging the asymmetric spinnaker (...)



Pass the other end of the halyard through the pulley on the upper fitting on the mast.

3

Then put the mast in the mast gate and raise it as normal.



Pass the end of the spinnaker halyard through this pulley at the base of the mast.

4

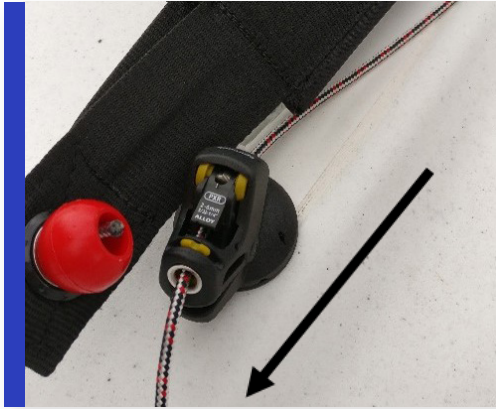


Pass the halyard through this pulley, found underneath the spinnaker bag at the bow. Then pass the halyard back underneath the bag towards the stern.

5



## ■ rigging the asymmetric spinnaker (...)



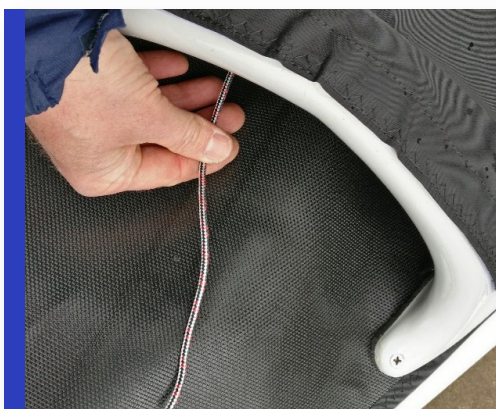
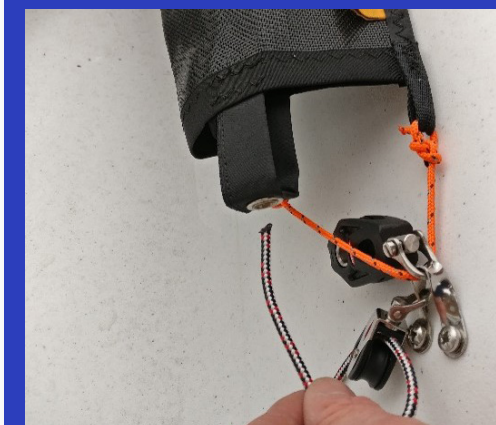
Pass the halyard through this pulley in the middle of the deck, from front to back (in the direction shown).

6



Pass the halyard through the pulley on the starboard side of the deck and then through the eyelet on the back of the spinnaker bag.

7



Pass the halyard up the spinnaker bag until it comes out of the front opening.

*Tip: tying one of the red balls to the end of the halyard can make it easier to feel through the fabric and push through to the bow opening.*

8

## ■ rigging the asymmetric spinnaker (...)

9



Find the two stitched circles on the spinnaker and arrange them so the metal ring is facing upwards.

Pass the end of the halyard through the metal eyelet first, going from underneath the spinnaker upwards. Then tie the end of the halyard onto the metal ring using a bowline.



10

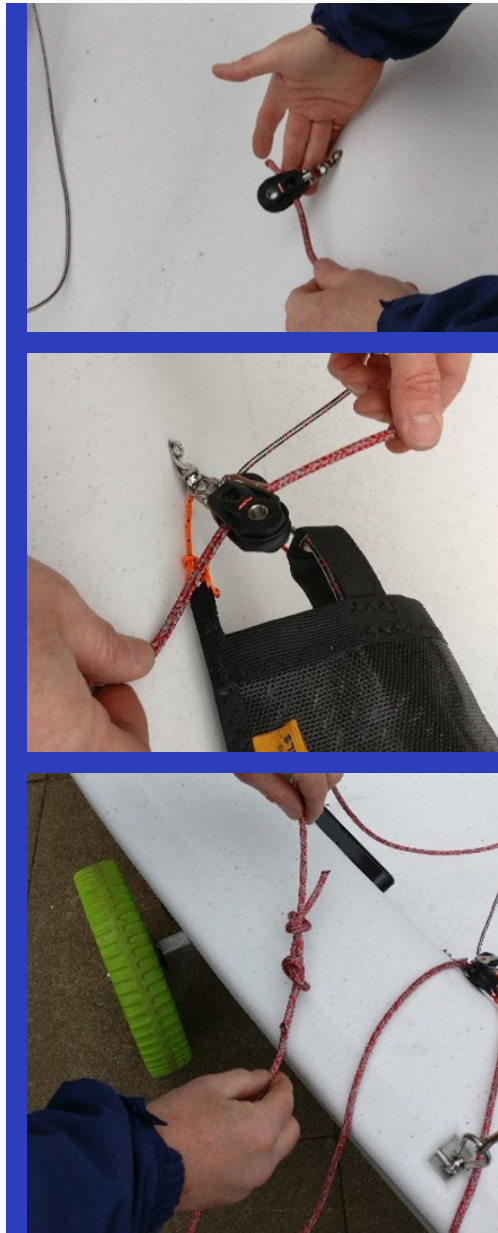


Using the spinnaker sheets, pass a loop through the eyelet on the clew. Then pass the ends of the sheets through the loop and pull tight to secure it.





## ■ rigging the asymmetric spinnaker (...)



Pass the ends of the spinnaker sheets through the pulleys and then tie them together in a fisherman's knot.

# *topaz uno*

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