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topaz

SAILING SYSTEM

Principal Dimensions

Dimensions Principales

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Dimensioni Principali

Dimensiones Principales

Declaration of conformity

This craft has been designed and constructed in accordance with the Essential Safety Requirements of the Recreational Craft Directive: (94/25/EC) for Design Category C.

Déclaration de conformité

Cette embarcation a été conçue et construite conformément aux obligations Essentielles de Sécurité de la Directive des Bateaux de Plaisance: (94/25/CE) pour la Catégorie de conception C.

Konformitätserklärung

Dieses Boot wurde in Übereinstimmung mit den grundlegenden Sicherheitsforderungen der Sportboote Richtlinie: (94/25/EC) für Konstruktionsklasse C entwickelt und konstruiert.

Dichiarazione di Conformità

Questo scafo è stato disegnato e costruito in accordo con i Requisiti essenziali di Sicurezza del recreational craft Directive: (94/25/EC) per il Disegno della Categoria C

Declaración de Conformidad

El presente barco se ha diseñado de acuerdo con la Directiva (94/25/EC) titulada Requisitos de Seguridad Esenciales para Barcos de Uso Recreativo para la Categoría de Diseño C.

Issued on behalf of Topper International Ltd. CE0609

Martin Fry

Martin Fry, Managing Director

ENG Principal Dimensions

Boat Type	Design Type	Length Category	Max load of hull ML	Max no. of persons CL	Unladen weight Lh
Monohull Sailing Dinghy	C	3.65m	170kg	2	85kg

FRA Dimensions Principales

Boat Type	Catégorie	Longueur de la coque	Charge maximum ML	Nombre de personnes max CL	Poids à vide Lh
Monohull Sailing Dinghy	C	3.65m	170kg	2	85kg

DEU Hauptabmessungen

Boat Type	Kategorie	Rumpflänge	Höchstlast ML	Besatzung CL	Maximale Leergewicht Lh
Monohull Sailing Dinghy	C	3.65m	170kg	2	85kg

ITA Dimensioni Principali

Boat Type	Categoria	Lung. scafo	Carico massimo ML	Massimo Nu. di persone CL	Peso a scarico Lh
Monohull Sailing Dinghy	C	3.65m	170kg	2	85kg

ESP Dimensiones Principales

Boat Type	Categoria	Eslora	Carga máxima ML	Número máximo de personas CL	Peso sin carga Lh
Monohull Sailing Dinghy	C	3.65m	170kg	2	85kg

Always take the following precautions

English

Always take the following precautions

When rigging or moving the boat ensure the mast does not contact overhead power cables.

This craft is not suitable for use with an outboard motor. Do not carry fuel on board.

Ensure that buoyancy chamber is free of water and the drain is properly sealed.

This craft can capsize. Minimum crew weight required for righting is 30kg.

Wear a buoyancy aid.

Toujours prendre les précautions suivantes

Français

Toujours prendre les précautions suivantes

En gréant ou déplaçant le bateau faire attention à ce que mât ne touche pas les lignes électriques aériennes.

En transportant du carburant, s'assurer que celui-ci est dans un conteneur homologué et scellé, et éviter toute source possible d'ignition.

S'assurer qu'il n'y a pas d'eau dans les caissons étanches et que leurs tuyaux d'écoulement sont bien scellés.

Ce bateau peut chavirer. Un équipage au poids minimum de 30kg est requis pour le redresser.

Porter un gilet de sauvetage.

Immer folgende Vorsichtsmaßnahmen beachten

Deutsch

Immer folgende vorsichtsmaßnahmen beachten

Beim klarmachen oder transportieren des boots darauf achten, daß der mast keine stromleitungen berührt.

Eventuell sich an bord befindlicher treibstoff muß in einem dafür zugelassenen, verschlossenen behälter aufbewahrt werden. Auf mögliche zundquellen achten.

Darauf achten, daß sich kein wasser in den schwimmkammern befindet und daß deren spund gut verschlossen ist.

Dieses fahrzeug ist kenterbar. Minimum besatzungsgewicht zum aufrichten ist 30kg.

Schwimmweste tragen.

Prendere sempre le seguenti precauzioni

Italiano

Prendere sempre le seguenti precauzioni

Quando si atrezza o si muove la barca assicurarsi che l'albero non faccia contatto con cavi elettrici sporaelevati

Il carburante deve essere trasportato in contenitori legalmente riconosciuti, recipienti ermetici e si deve evitare possibili fonti di calore.

Assicurarsi che non ci sia acqua nelle camere di galleggiamento e che i punti di svuotamento siano stati sicuramente sigillati.

Questo mestiere può rovesciarsi. Il peso minimo della squadra richiesto per il raddrizzamento è 30kg.

Indossare i salvagente.

Tome siempre las precauciones siguientes

Espanol

Tome siempre las precauciones siguientes

A la hora de aparejar o mover el barco, asegúrese de que el mástil no toque ningún tendido eléctrico aéreo.

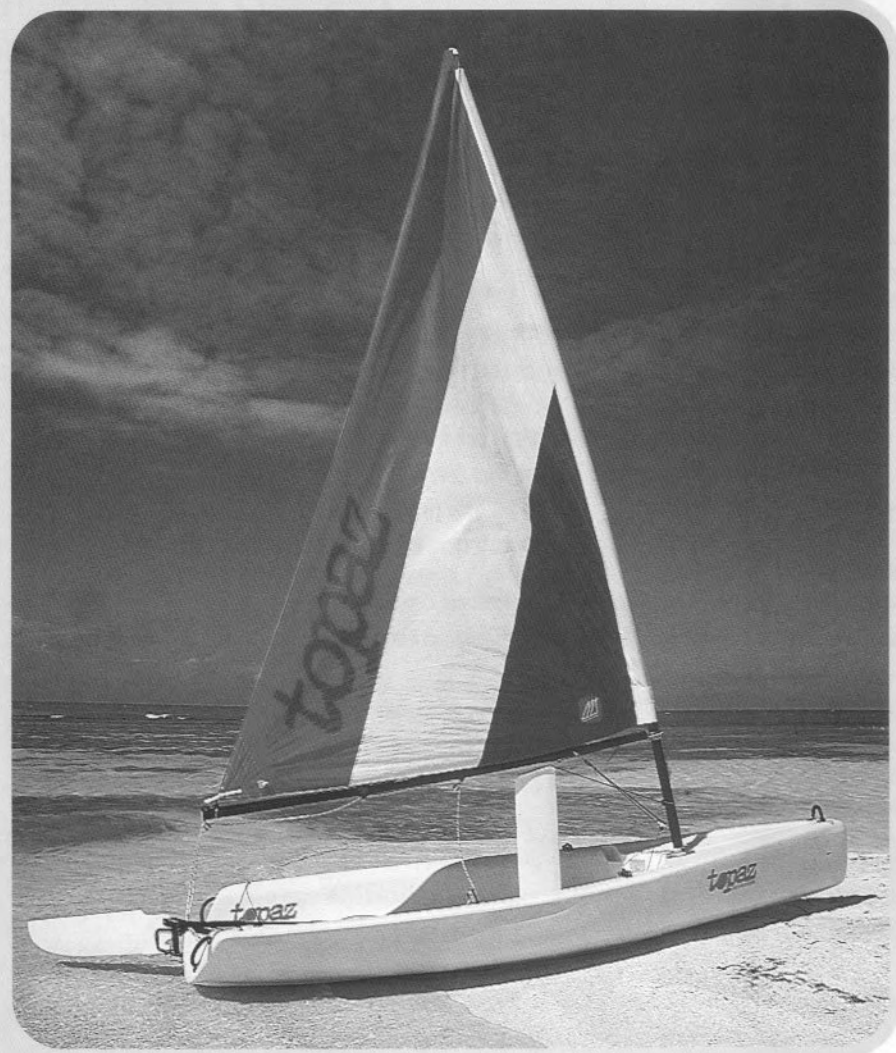
Si Vd. lleva abordo combustible, asegúrese de que lo lleve dentro de un contendor sellado aprobado y que evite posibles focos de incendio.

Compruebe que las cámaras de flotación no contengan agua y que los dreajes de las mismas estén debidamente sellados.

Este arte puede volcar. El peso mínimo del equipo requerido para enderezar es 30kg.

Lleve puesto un chaleco salvavidas.

topazuno rigging instructions



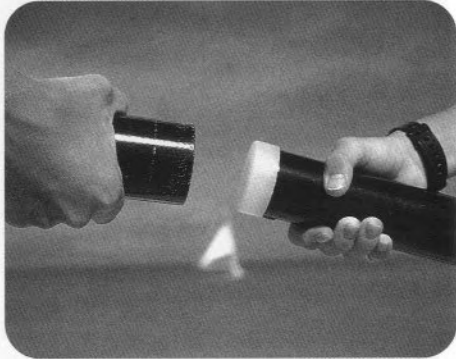
topazuno

INVENTORY

- Topaz Hull
- Two piece mast
- Boom
- Rudder Assembly
- Centreboard
- Sail
- Rope Set

MAST & MAINSAIL

Assemble upper and lower mast sections. Line up eyelet on the top section with cleat on lower mast. Slot upper mast into lower section and make sure that the two parts of the mast are secure.



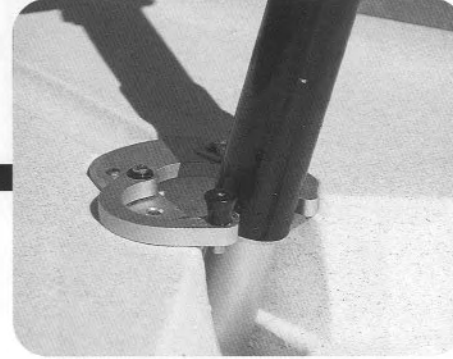
ENSURE BOAT IS FACING HEAD TO WIND

Slide mainsail over top of mast section. Ensure leech of sail is facing the same direction as gooseneck.



Open mastgate.

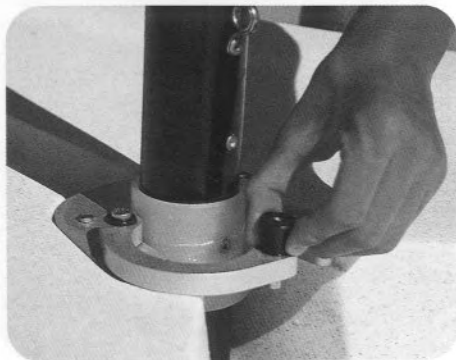
Stand mast upright, lift and place into mastcup. The gooseneck should be facing towards the back of the boat.



DOWNHAUL

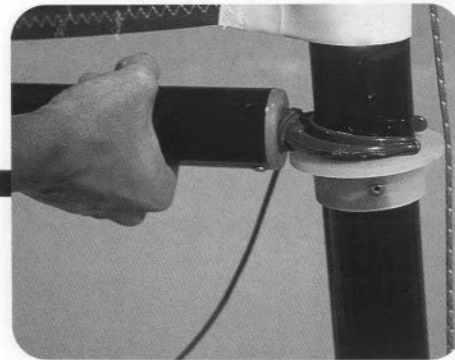
- 1 Attach downhaul to lower mast cleat by tying with a bowline onto the top bar of the cleat at the foot of the mast.
- 2 Feed downhaul through small metal ring on front/ foot of luff tube.
- 3 Then feed back through cleat on mast and lock in.

Support mast until gate is closed and plunger is fully engaged.



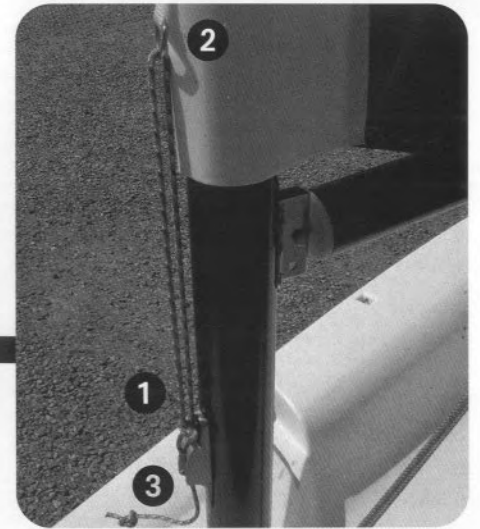
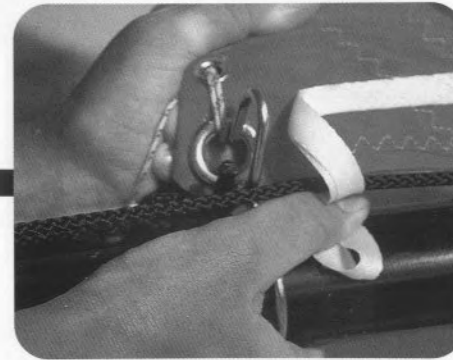
Attach boom to mast.

Two different gooseneck options are available as pictured below and right on downhaul instructions.



**BOOM
CLEW RING**

Attach clew ring (stainless steel ring with hook on boom) to the eye of the sail.



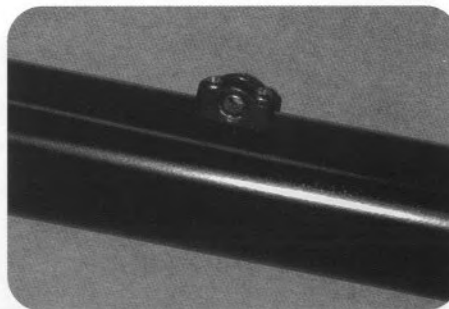
* NOTE: Attach boom to gooseneck when the mast has been stepped. Two different gooseneck options are available as pictured above.

unoplusrigginginstructions



JIB

In addition to the standard Topaz UNO components, ensure that the UNO PLUS has an eye attached to the front of the upper mast section and a jib sheet cleat and bullseye attached to the top of the hull on either side of the deck.



topazunoplus

INVENTORY

- Topaz Hull
- Two piece mast
- Boom
- Rudder Assembly
- Centreboard
- Sail
- Rope Set
- Kicker Assembly

In addition to the standard Topaz UNO components, ensure that the UNO PLUS has an eye attached to the front of the upper mast section and a jib sheet cleat and bullseye attached to the top of the hull on either side of the deck.

You will also have:

- Jib Sail
- Jib Halyard
- Jib Sheets
- Small Shackle

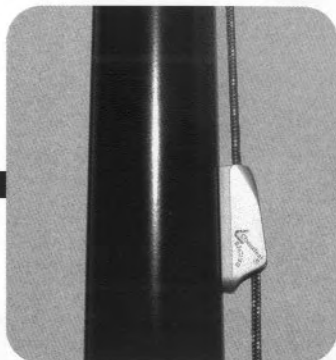
You will need a Jib Kit, Template and Instructions if you are upgrading your boat to a PLUS.

Please refer to specific UNO PLUS UPGRADE instructions.

Assemble upper and lower mast sections. Feed jib halyard through eye on the mast. Tie a loop knot to hold rope in place while you sleeve the sail.

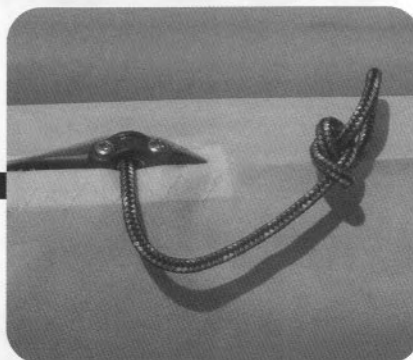


Attach one end of the halyard to the cleat at the foot of the mast.



Sleeve mainsail as per UNO instructions.

Align eye on the upper mast with hole in mainsail luff.



Pull looped end down and tie off next to cleat until the mast is stepped.

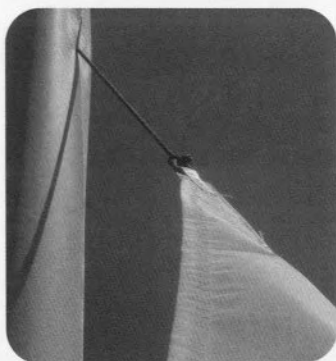


Step mast as per UNO instructions.

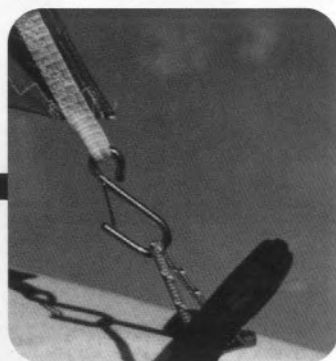
Tie the head of jib onto looped end of halyard with a bowline.



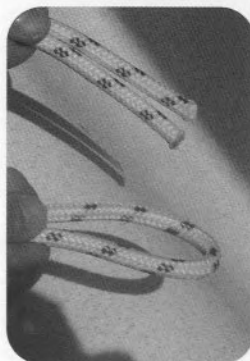
Pull sail up and cleat off. The running halyard will allow you to easily raise and lower the jib as you please.



Attach foot of jib to rope loop on bow with the clip. (Do not attach to the rubber handle).



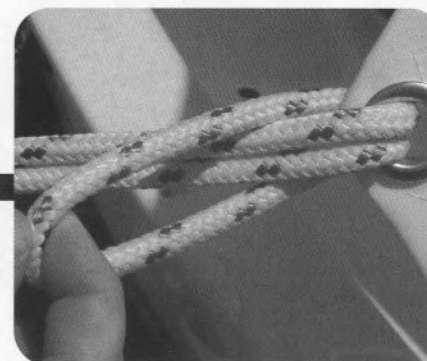
Find centre of jib sheet and make a loop...



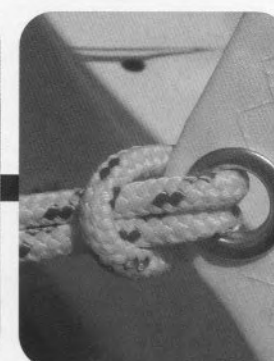
... Feed the loop through eye of clew...



... Then feed the ends of the jib sheets through loop...



... and pull tight...



... Feed jib sheets through bullseye and jib cleats to both sides of the boat.

Then tie a figure of eight.

Follow remaining UNO instructions.



unoracerigginginstructions



The UNO Race is rigged exactly the same way as the standard UNO.

RACE SAIL

Substitute UNO RACE sail for standard UNO mainsail. The UNO RACE sail is made of a hi-spec racing cloth called mylar. It is advisable not to leave mylar sails flapping when not in use. Therefore you should derig and roll your UNO RACE sail when it is not in use.

RUDDER BLADE

Note that the rudder blade for the UNO RACE is a longer blade than for the standard UNO.

Attach rudder assembly as with UNO.

UNO RACE PLUS

You can add a jib to the UNO Race in exactly the same way that you can upgrade an UNO to an UNO PLUS.



topazunorace

INVENTORY

Topaz Hull
Two piece mast
Boom
Rudder Assembly incl. Extra-Length Rudder Blade
Centreboard
RACE Sail
Rope Set
Kicker Assembly

The Topaz UNO RACE consists of the same components as the standard Topaz UNO, with the exception of the sail and the rudder blade. The UNO RACE sail is a battened mylar sail with a larger sail area. The rudder is an extra length GRP blade which provides greater control.

duo tres rigging instructions



topaz duo/tres

INVENTORY

The Topaz DUO consists of:

- Topaz Hull
- DUO/ TRES Mainsail
- DUO/ TRES Jib
- Halyard bag incl.
- Kicker assembly
- Shockcord for reef lines
- Centreboard elastic
- DUO/ TRES Jib blocks x2
- DUO/ TRES Traveller Block
- One-piece DUO/ TRES tapered Mast
- Mast Crossbeam
- DUO/ TRES Boom assembly
- Centreboard
- Rope set
- Rudder Assembly

NOTE: The boom comes with mainsheet and stern bridle pre-rigged. Simply attach boom once mast is stepped as per the following instructions.

The Topaz TRES consists of all of the above plus:

- TRES Gennaker
- TRES Gennaker Sock
- TRES Gennaker Blocks x2

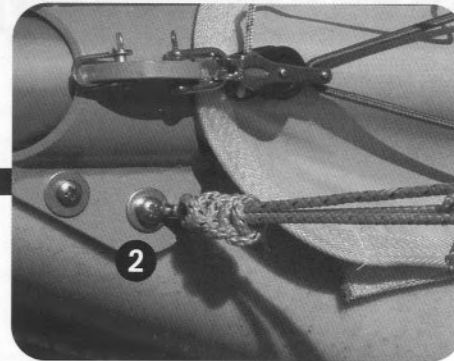
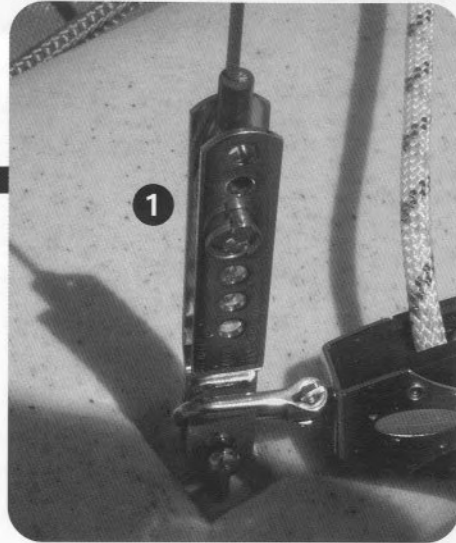
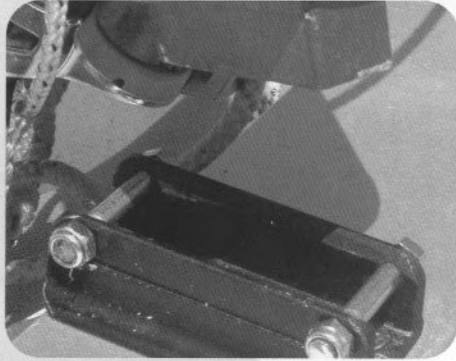
MAST

Untie rope from the mast foot. Free up all ropes that are attached to the mast. Lift mast upright, sit mast foot in heel plate on crossbeam.

Support mast until steps 1 and 2 are complete.

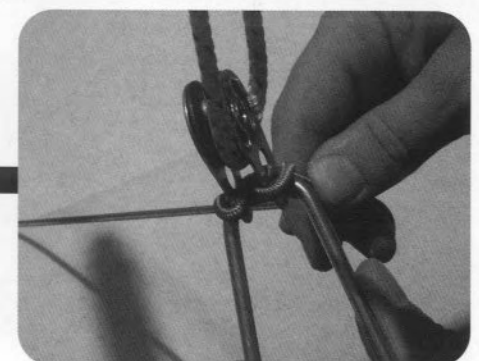
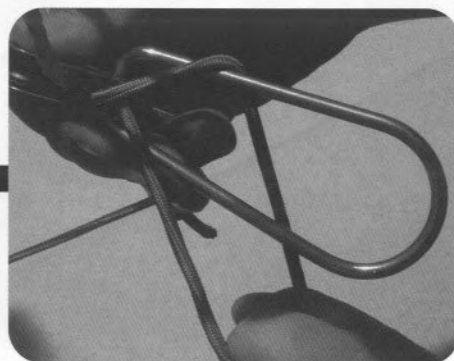
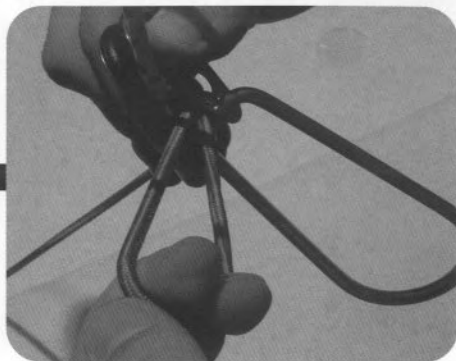
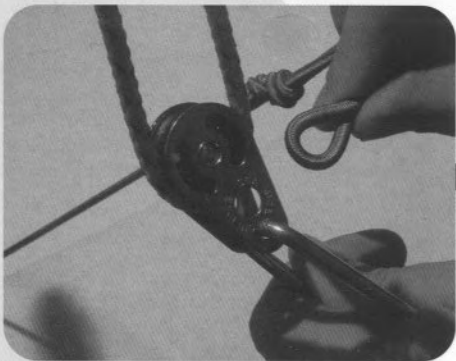
1 Attach shroud to plate (approx fourth hole down) on both sides.

2 Tie forestay rope to spinnaker bow plate. Tie through p-clip on side of bowplate. Tighten to give some tension in rope.



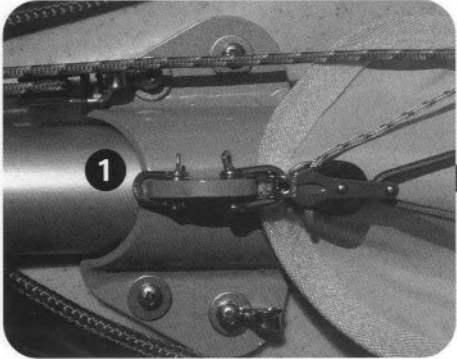
TRAPEZE

Attach trapeze wire by feeding elastic loop through eye in top of trapeze hook and wrapping loop around the hook to hold it in place (both sides).



GENNAKER HALYARD FOR TRES ONLY
(Attached to highest block on front of mast)

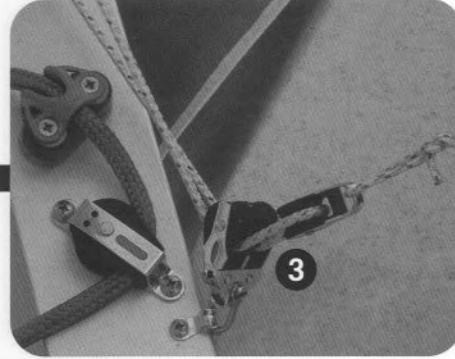
① Tie off the front end of the gennaker halyard to the bow plate.



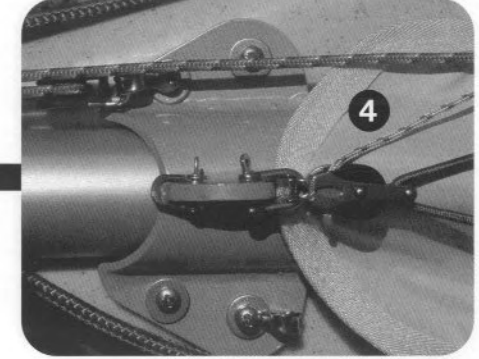
② Feed other end through block on foot of mast...



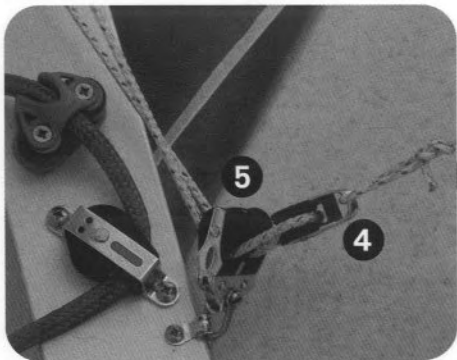
... ③ out to the double pulley on the side of crossbeam and through the bottom block of this double pulley...



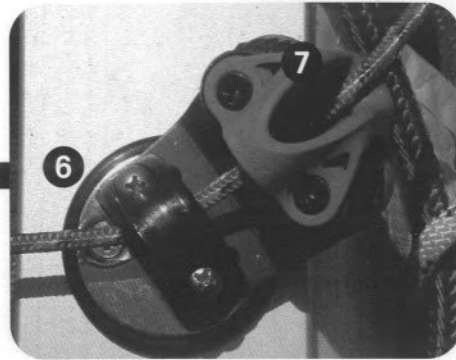
... ④ then feed forward to single block which is attached to the line that runs from the gennaker bow plate...



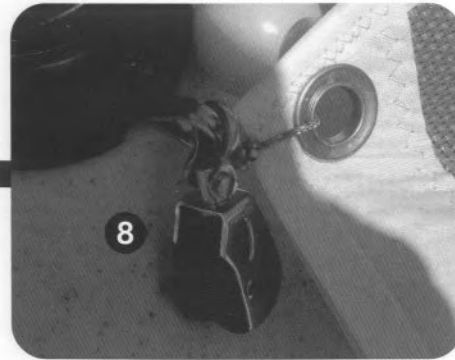
... ⑤ then back through the top block on the double pulley...



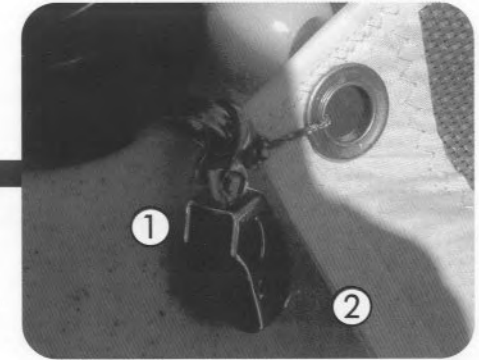
... across to swivel cleat next to foot of mast (on crossbeam), ⑥ through bullseye, ⑦ through cleat...



... ⑧ to small block at end of gennaker sock.



... ① feed through block from back to front, ② then feed into back of gennaker sock. (note; the gennaker halyard will ultimately be fed right through to the front of the sock and attached to the gennaker downhaul patch crosstapes - see Gennaker instructions).



GENNAKER FOR TRES ONLY

Locate tack of gennaker, corner of gennaker sail marked with a (T). This is located just above the (T) and the Topper logo patch.



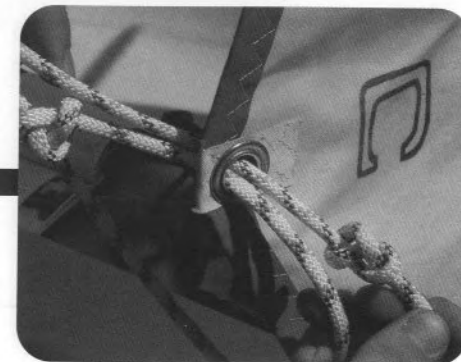
Locate tack line, attached to bullseye at end of gennaker pole. Tie tack line to eye in gennaker marked (T) Tack with a bowline.



Tie remaining end of gennaker halyard, attached to highest block on front of mast to (H) Head of gennaker.



Tie both ends of gennaker sheet to (C) Clew of gennaker. Ensure that the lines feed around the front of the forestay.



Take gennaker halyard, that you have fed into back of the gennaker sock and feed through to front of sock. Feed through lower eye of gennaker.

Then feed up through two patches (lowest first), through the second patch and then attach with a bowline to the crossstapes.

NOTE: It is important that when you feed the gennaker halyard out of the gennaker sock that is fed out over the opposite side of the crossbeam to the launch and retrieval mechanisms so as not to interfere with the launching system. The halyard should feed out under the right hand side of the crossbeam, as you look from the front of the boat, under the jib sheets and then attach to the eye of the gennaker as described above.

Feed gennaker down into sock. Pull into sock with halyard, located at back of spinnaker sock. Feed the rest of the gennaker sail into sock manually if necessary. Pull down the head and push in rest of gennaker by hand.



KICKER

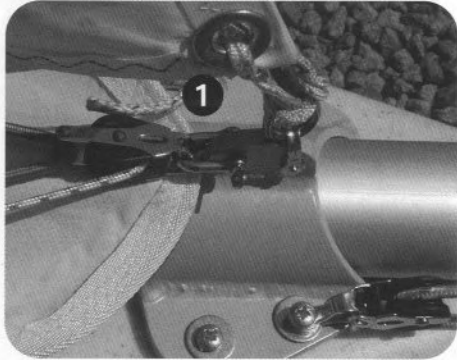
Attach kicker to boom and mast twisted kicker shackle attaches to the loop on the underside of the boom.

The other shackle attaches at the foot of the mast.

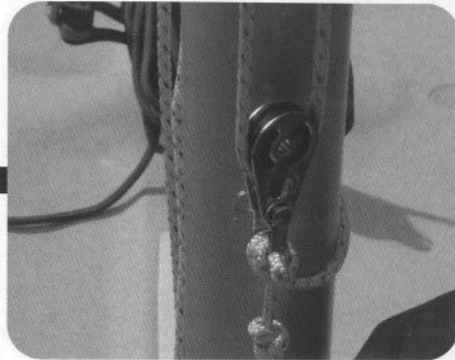


JIB

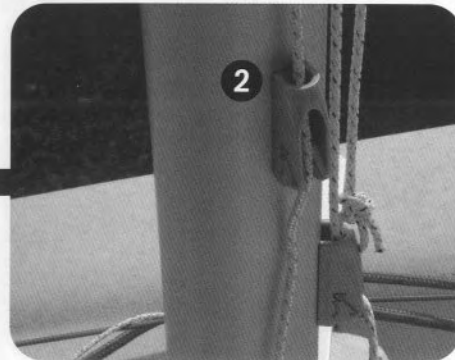
1 Attach metal eye at front of jib sail to shackle (at front of bow plate).



Locate rope with small pulley block and shackle (below gennaker halyard on front of mast). This is the jib halyard.



Ensure that there are no twists and 2 cleat off the other end of the rope at the foot of the mast on the left hand side (from front).



Attach the pulley onto metal eye at top of jib sail. The shackle attaches onto the metal eye. Pull up from cleat to hoist the jib. Lock off cleat. Feed the end of the halyard into halyard bag.



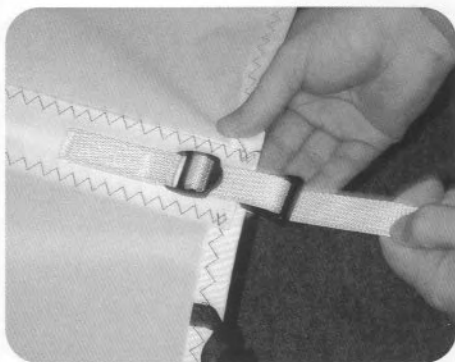
JIB SHEET

Remove jib sheets from front of boat where they are attached. Tie jib sheets onto clew of jib with bowline. Note: Ensure spinnaker halyard is outside of left hand jib sheet. The jib sheet should run between mast and gennaker halyard.



MAINSAIL

Ensure all battens are in sail. Tie all battens in snugly using tension straps on batten pockets.



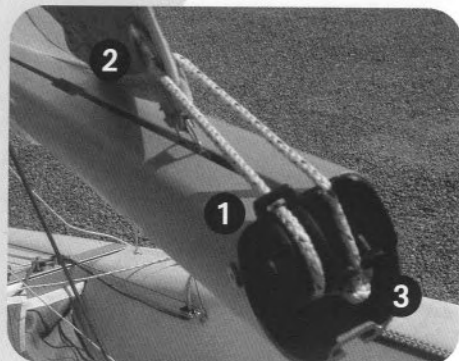
Attach tack of sail, the lowest eye on front foot of sail, using pin on boom.



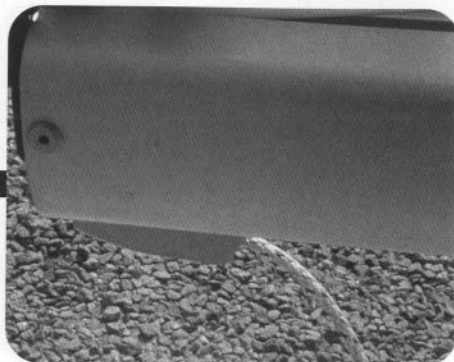
2 Slide slug at back of sail into 3 track on top of the boom at the back. Slide to rear.



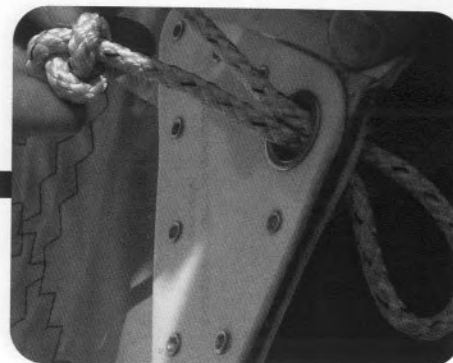
1 Take outhaul line, *fed out from end of boom*, through the 2 eye on clew. 3 Slot end through two grooves in the end of the boom. Ensure stopper knot is tight and hard against lower groove.



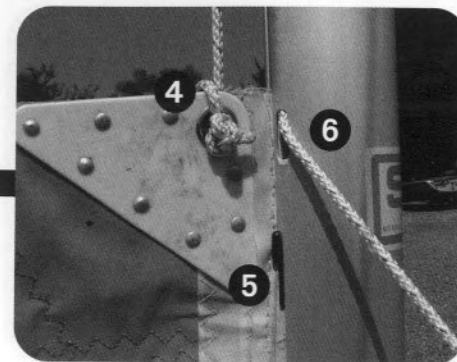
Tighten outhaul at front of boom.



ENSURE BOAT IS HEAD TO WIND
Locate main halyard, *from the very top of mast*.
4 Tie to top of sail with a figure of eight knot looped back on itself.

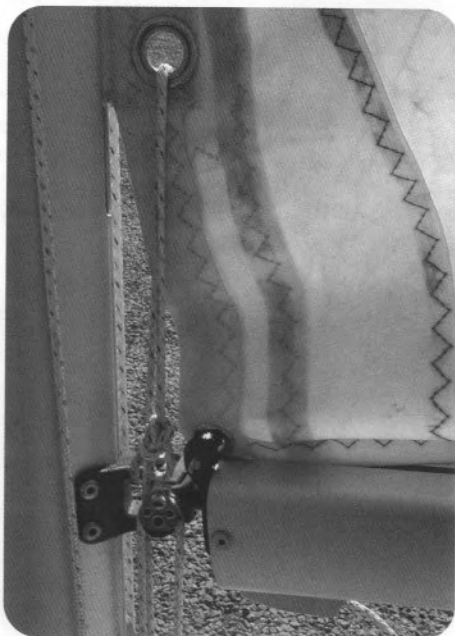


5 Feed head of sail into track.
6 Hoist mainsail with main halyard which feeds from within mast beside feeder and into cleat on L/H side of mast and boom.



DOWNHAUL (ropes attached by pulley block located on lowest cleat at back of mast)

Feed up through larger eye in front of sail, *just above the boom*. Tie off around gooseneck.



Hoist sail to the very top of the mast. Then pull down boom to align with gooseneck and attach.



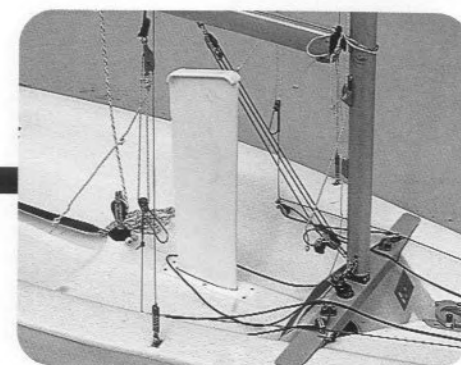
RUDDER

Attach rudder assembly as with UNO. Note that the rudder blade for the DUO and TRES is an extra length GRP blade.



CENTREBOARD

Attach centreboard as with UNO.



topazunotoduoUPGRADE



INVENTORY

The upgrade kit for converting UNO to DUO consists of:

Rudder blade (longer blade)

Rope set including mainsheet, jibsheet, 4mm spinnaker launch, trapeze shockcord, 6mm stern bridle with block

Bow plate with block and 2x shackles

Shroud adjusters with gennaker ratchet blocks x2

Jibsheet blocks with attachment x2

20mm block with eye x1

20mm swivel block x1

Eyes x3

20mm panhead screws x5

12mm panhead screws x3

Pattern washers x7

6mm washers x3

Crossbeam

Halyard bag

Boom

Mast

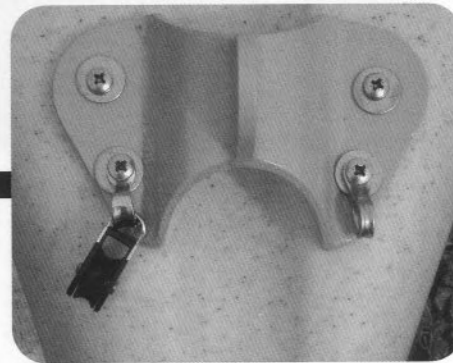
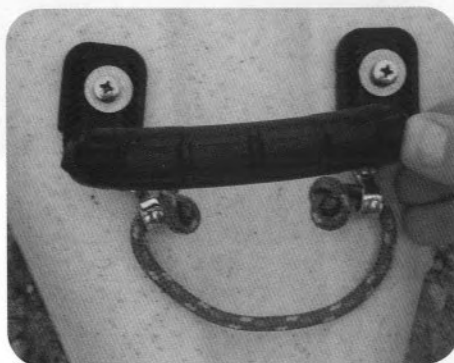
Jibsail

Mainsail and battens

There are a number of steps to take before you can rig your Topaz as a DUO; Firstly, remove front handle and rope handle at bow of boat.

Replace front handles with bow plate. Place washers underneath bow plate and then screw plate into place loosely. Note that two p-clips are needed at this point. Put all screws in loosely before tightening.

Attach 30mm Jib blocks with p-clip into side deck inserts on both sides of hull.

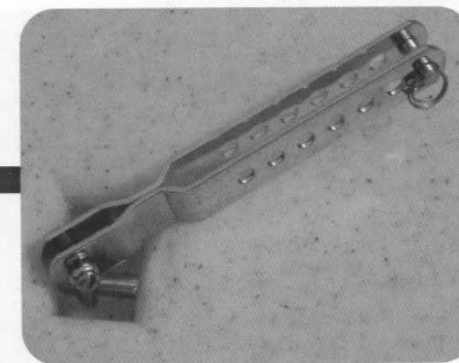
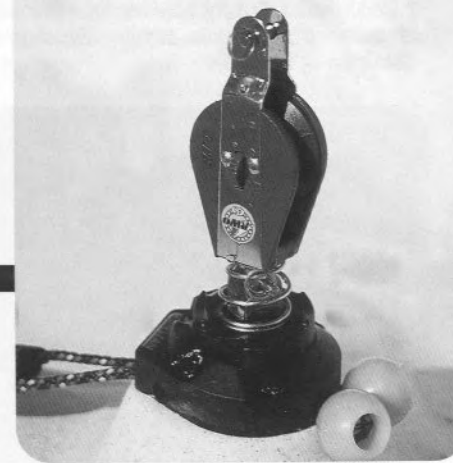
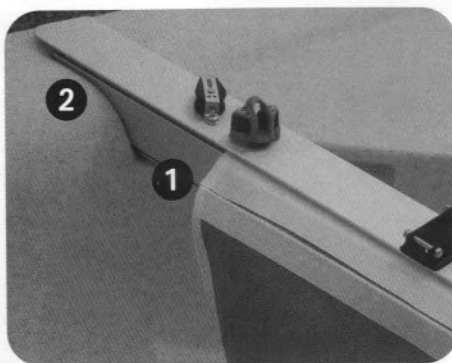


1 Slide halyard bag into top slot in crossbeam.

Remove top block from mainsheet base block.

2 Place crossbeam into specially moulded hull recesses on deck of boat.

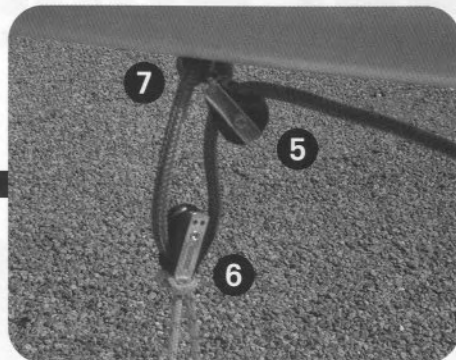
Attach shroud chain plate to hull by feeding shackle around shroud pin and then attaching chain plate to shackle. Complete this instruction for both sides.



... ④ Then through fabric tunnel on boom...



... ⑤ Then through block at end of boom...
 ... ⑥ Down through stern bridle block...
 ... ⑦ Back up to eye at end of boom and tie knot.

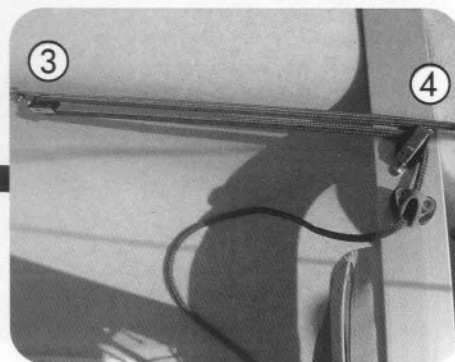
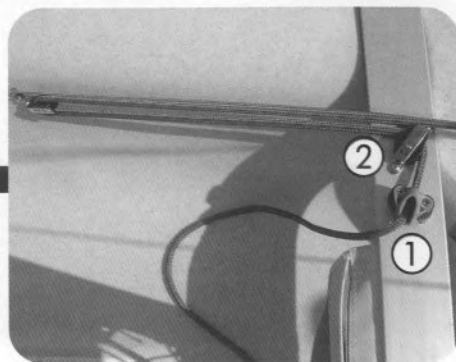
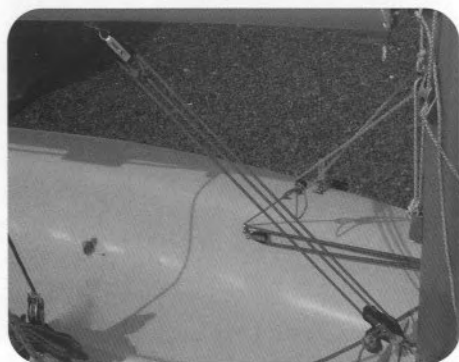


KICKER
Attach Kicker as per Duo/Tres KICKER rigging instructions.
 Attach Kicker block to base of mast and eye on underside of boom (see duo/tres Kicker rigging for more detailed instructions).

JIB SHEETS
 ① Feed the jib sheet through cleat and ② through block on crossbeam ...

... ③ Back to block on side of hull. ④ Then forward (this end will attach to jib).
 Complete this instruction for both sides of boat so that you have sheets leading forward on either side of the mast.

Attach Jib Sheets to Jib as per Duo/Tres JIB SHEET rigging instructions. Tie jib sheets onto clew of jib with bowline.
 Note: Ensure gennaker halyard is outside of left hand jib sheet. The jib sheet should run between mast and gennaker halyard (see duo/tres JIB and JIB SHEET rigging for more detailed instructions).



topaz uno/duototres UPGRADE

To convert to a TRES from an UNO, follow UNO to DUO instructions first.



INVENTORY

The upgrade kit for converting UNO to TRES consists of:

Ratchet blocks with long shackle x2

Small swivel block

Block on p-clip

Block and becket

Gennaker pole outhaul rope

Gennaker pole

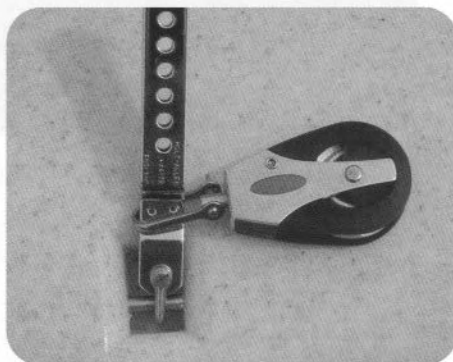
with 2mm spinnaker outhaul line and block

Gennaker sheet

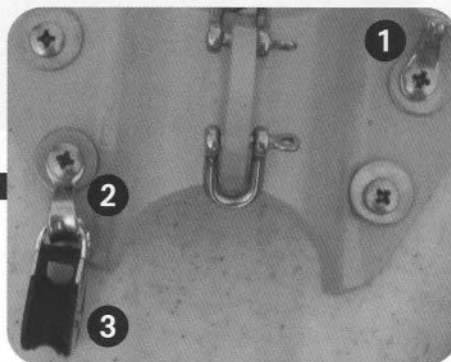
Small lanyards x2

Note; To convert to a TRES from an UNO follow UNO to DUO instructions first.

Attach ratchet blocks to base of shroud adjuster with long shackle. These blocks are for the spinnaker sheets. Complete this instruction for both sides.



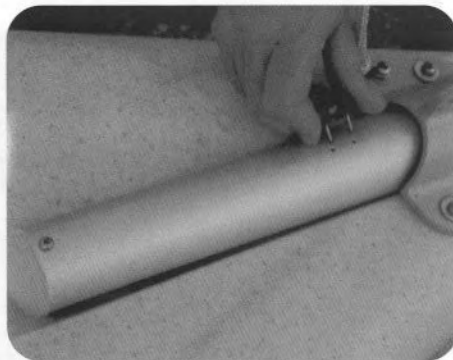
Note bow plate should be attached with ①+② p-clips and ③ block as below.



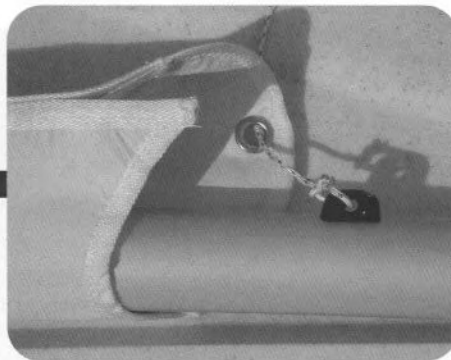
Attach swivel block to underside of mainsheet block via existing p-clip. Attach back of sock to p-clip on mainsheet block with small lanyard.



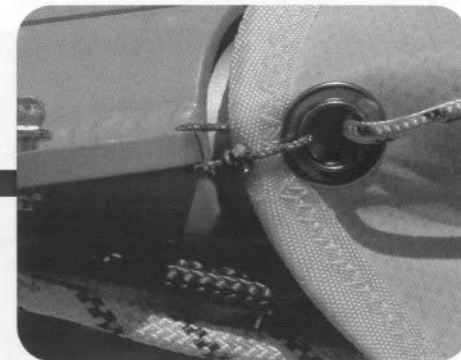
Place gennaker pole into position. If bow plate is already attached, unscrew fairlead on spinnaker pole and feed pole through bow plate into position. Slide into position and re-attach fairlead.



Start to feed pole into gennaker sock. Attach 4mm control line to small fairlead on gennaker pole and feed through front of sock eye. Then feed remainder of pole into sock.

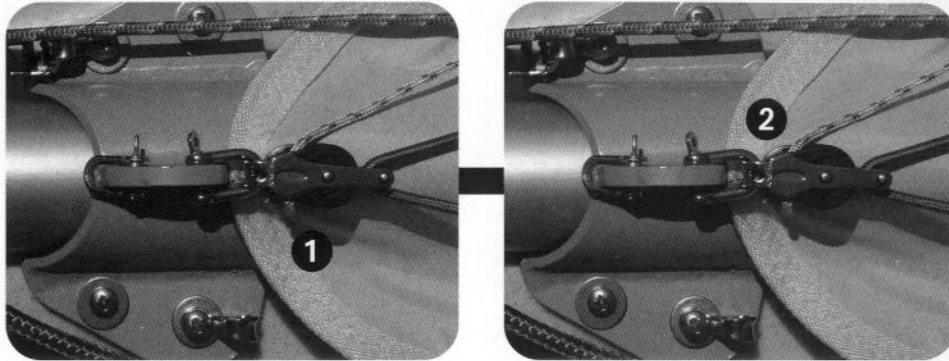


Attach front of sock with small 2mm lanyard through spare hole in bow plate.



1 Attach gennaker block with becket to shackle at the back of the bow fitting

You will have to remove the 20mm block from the control line in order to 2 feed it through the block with becket on bowplate. Once it fed through replace small block to control line.



3 Attach gennaker outhaul line to big eye on end of pole. 4 Then back to block on bowplate...

5 Then return forward to big eye on front of pole and 6 then back towards crossbeam. To be attached to spi halyard (next page).

7 Put block and becket on top rear shackle on bow plate.



GENNAKER HALYARD

Attach Gennaker Halyard as per Duo/Tres GENNAKER HALYARD rigging instructions.

Take gennaker halyard from block at base of mast. Go through bottom of double block on crossbeam, forward to pole outhaul block, back through double block.

Then through gennaker swivel cleat on crossbeam (from front to back).

Back to mainsheet block.

Feed gennaker halyard back through swivel block, then through opening of gennaker sock.

Feed through sock from back to front (see duo/tres GENNAKER HALYARD rigging for more detailed instructions).

topazunotounoplusUPGRADE

unotounoplus

INVENTORY

If you have purchased an UNO PLUS, your jib kit is already fitted and you can ignore the jib kit fitting instructions and go straight to the UNO PLUS Rigging Instructions.

The upgrade kit for converting UNO to an UNO PLUS consists of:

Reversible template for hull fitting positioning

Lower Mast fittings

ClamCleave x1

Countersunk screws (small) x2

Upper Mast fittings

Bullseye fairlead (small) x1

PanHead screws No. 6 (small) x2

Hull fittings

Ronstan Fast Track Rope Guides x2

Ronstan T-Cleave x2

Countersunk screws (large) x4

Deadeye fairlead (large) x2

Panhead screws (large) x4

Rope set

Jib Sheet 8mm (attached to sail) x1

Jib Halyard 5mm (attached to sail) x1

Jib fastening rope 3.5mm (attached to sail) x1

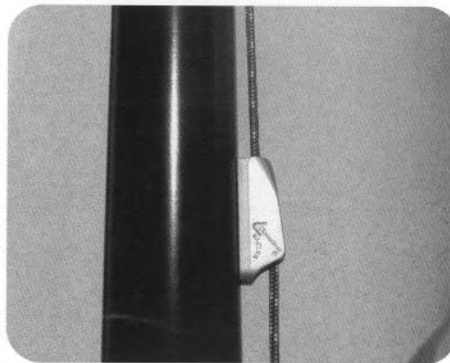
Shackle x1

Sail

Jib Sail x1

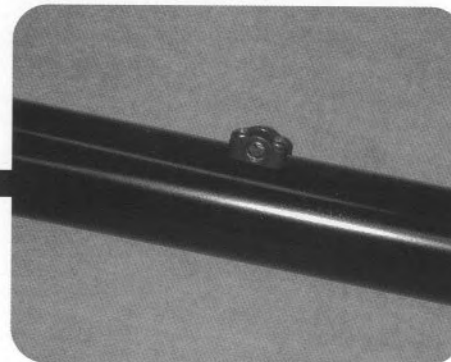
LOWER MAST FITTINGS

On the port side of the lower mast, ensure that a ClamCleave is attached.



UPPER MAST FITTINGS

On the front of the upper mast, ensure that a fairlead for the jib halyard is attached.



MAST FITTINGS

NOTE If ClamCleave is not fitted to lower mast or fairlead is not attached to the upper mast on your model, contact Topper International for further instructions.

If you are upgrading your Uno to an UNO PLUS, please follow the instructions below carefully.

HULL FITTINGS

CAUTION: PLEASE TAKE GREAT CARE NOT TO OVERTIGHTEN THE SCREWS. SCREWS SHOULD BE FINGER TIGHT ONLY. OVERTIGHTENING CAN STRIP THE THREAD IN THE PLASTIC.

Align the reversible template provided with the hull/deck join line.

Once aligned, mark four holes which can be pre-drilled using 1.5mm drill bit.

Screw bullseye fairlead to the outer two holes. Attach rope guide to T-Cleave and screw to the two inner holes.