



SPRINT 15

Owner's Manual

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RIGGING MANUAL





RIGGING MANUAL – SPRINT 15

The Sprint 15 rigging instructions are a comprehensive guide to rigging your SPRINT 15. Due to production supplies certain parts may be slightly modified from those shown.

This instruction manual is not a guide to sailing your craft and should not be considered as suitable for the purpose of learning to sail a catamaran. Windsport recommend

“The Catamaran Book” by Tom & Brian Phipps.

For additional help contact WINDSPORT INTERNATIONAL : Tel: +44 (0)1326 376191 or info@windsport.co.uk

For replacement parts service and regional Dart Partner network visit:
www.catparts.windsport.co.uk

Windsport & Coastland (Catamaran Sailing Tuition)

The WINDSPORT is the only recommended catamaran sailing school, using a full range of up-to-date catamarans and highly trained and experienced instructors : tuition is offered from Beginner to Squad/Championship coaching.

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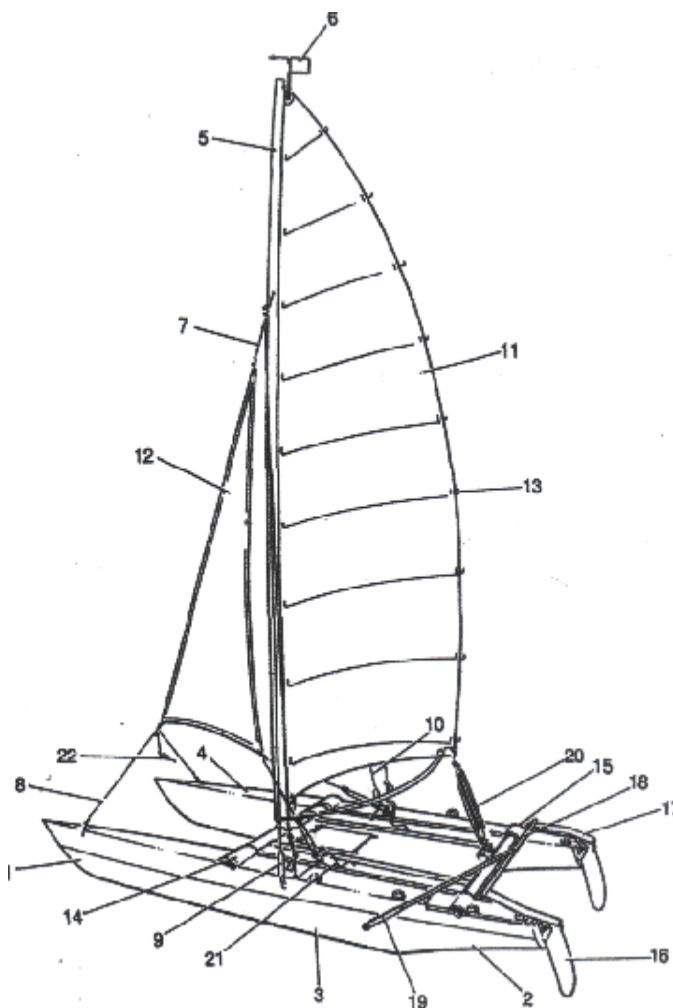
CONTENTS

Glossary	2
Rigging Instructions	3
Accessories	15
General Maintenance	16
Basic Safety Afloat	17
Option Attachment Dimensions	18

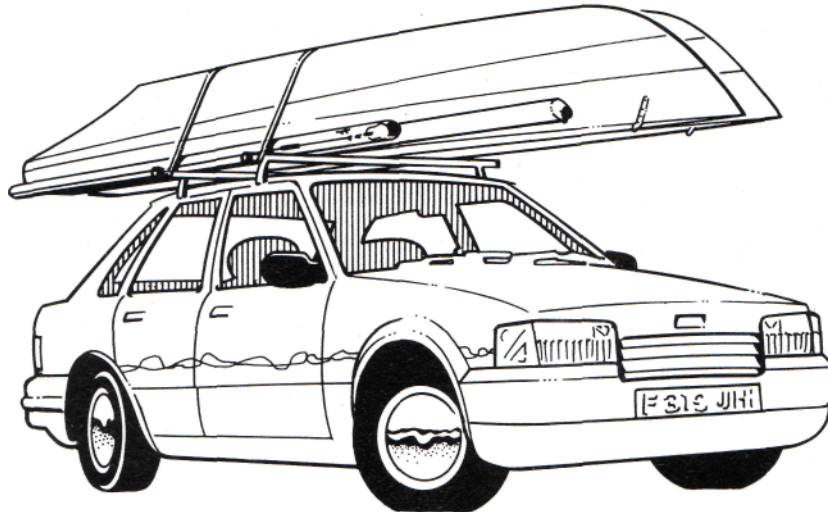
GLOSSARY

AFT	Towards the back of the boat	MAST HEEL	Casting at base of mast
BATTEN	Plastic strip put into the sail	PORT	Left-hand side of craft looking forward
BOW	Front of the boat	SHACKLE	U-shaped piece of metal secured with a Pin, used for securing halyards to sails etc
BURGEE	Flag flown from top of mast	SHROUD	Wire securing mast in position and preventing it from falling sideways
BRIDLE WIRE	Connecting bow to forestay	STARBOARD	Right-hand side of craft looking forward
CLEW	Lower back end of sail	STERN	Aft-most area of boat
FOOT	Bottom edge of sail	TACK	Lower forward corner of sail
FORWARD	Towards the boat front	TILLER	Length of aluminium which fits into the rudder head to allow steering
FORESTAY	Front wire supporting mast	TILLER EXTENSION	Length of aluminium connected to the tiller by a universal joint which allows steering whilst leaning out
GUNWHALE	Outer edge of boat	TRAPEZE WIRE	Wire used to extend the body beyond gunwhale of boat
HALYARD	Rope or wire used to hoist/lower sails	TRANSOM	Flat area across the back of boat to which the rudder is hung
HEAD	Top corner of sail	WINDWARD	Side of boat opposite to which the mainsail is set when sailing
HOUNDS	Connecting point for wires		
JIB SHEET	Rope used to control position of jib when under sail		
LEECH	Trailing edge of sail		
LEEWARD	Side of boat on which the mainsail is set when sailing		
LUFF	Front edge of sail		
MAIN SHEET	Rope controlling the position of main sail		

- 1 Bow
- 2 Stern
- 3 Port Hull
- 4 Stbd Hull
- 5 Mast
- 6 Burgee
- 7 Forestay
- 8 Bridle Wires
- 9 Port shroud
- 10 Stbd shroud
- 11 Mainsail
- 12 Jib
- 13 Battens x 9
- 14 Main beam
- 15 Rear beam
- 16 Port rudder
- 17 Stbd tiller arm
- 18 Connecting Bar
- 19 Tiller extension
- 20 Main sheet
- 21 Jib sheet
- 22 Downwind indicator

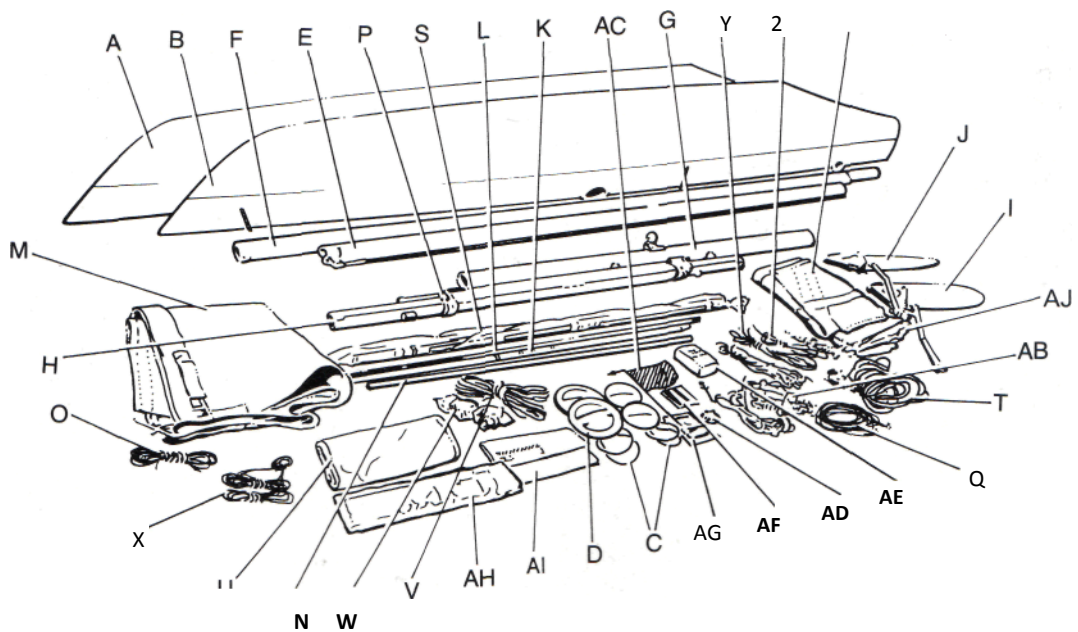


RIGGING YOUR SPRINT 15



REMOVING CATAMARAN FROM CAR ROOF

Remove all securing straps.
Lift each hull and place on the ground.
Remove spars, sails and other equipment.
Lay out all parts of the boat and identify with the contents list. (Fig 1)



- | | | |
|----------------------------------|--|---|
| A Port hull | M Trampoline | X Jib strop and carbine hook (optional) |
| B Starboard hull | N Trampoline tube | Y Main halyard |
| C 'O'Rings (2 large/2 small) | O Trampoline lacing line | Z Main sail down haul |
| D Hatch covers (2 large/2 small) | P Toe straps | AB Traveller line |
| E Lower mast section | Q Standing rigging: with trapeze wire (optional)
: jib halyard (optional) | AC Burgee |
| F Upper mast section | R Mainsail | AD Adhesive tape |
| G Main beam | S Mainsail battens(x7) | AE Sponge |
| H Rear beam | T Main sheet | AF Wind indicators |
| I Port rudder | U Jib (optional) | AG Knife/shackle key |
| J Starboard rudder | V Jib sheets (optional) | AH Paddle |
| K Connecting bar | W Jib sheet blocks (optional) | AI Instructional folder/sail numbers |
| L Tiller extension | | AJ Sail bag |

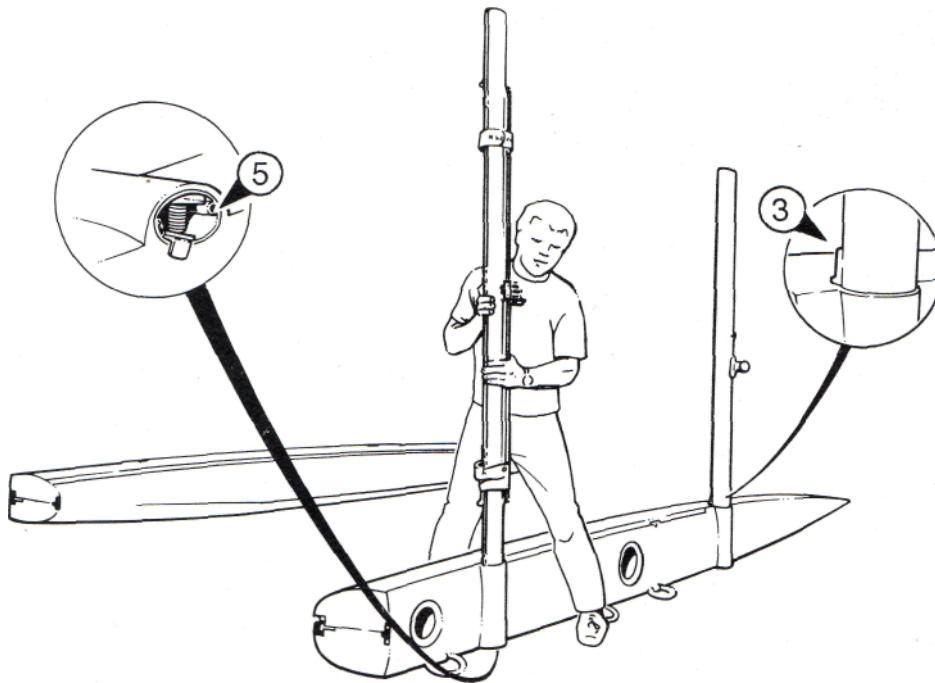
RIGGING YOUR SPRINT 15

Place the hulls on a flat area of ground approximately 3m apart with the trampoline track facing upper-most. See below. (If a suitable area is unavailable use 4 tyres or similar to protect your craft).

Select the main beam, Part G, check before insertion that the mast ball is facing towards the deck.

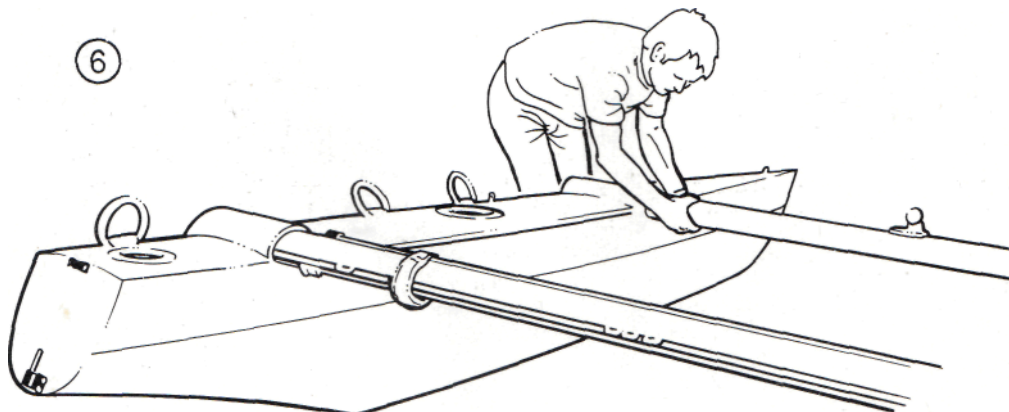
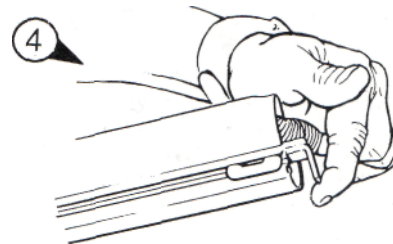
Slide the beam into the housing of one hull until the thrust pad meets the hull side, (Fig 3).

Select the rear beam, Part H. Check before insertion that the traveller track is facing towards the deck.



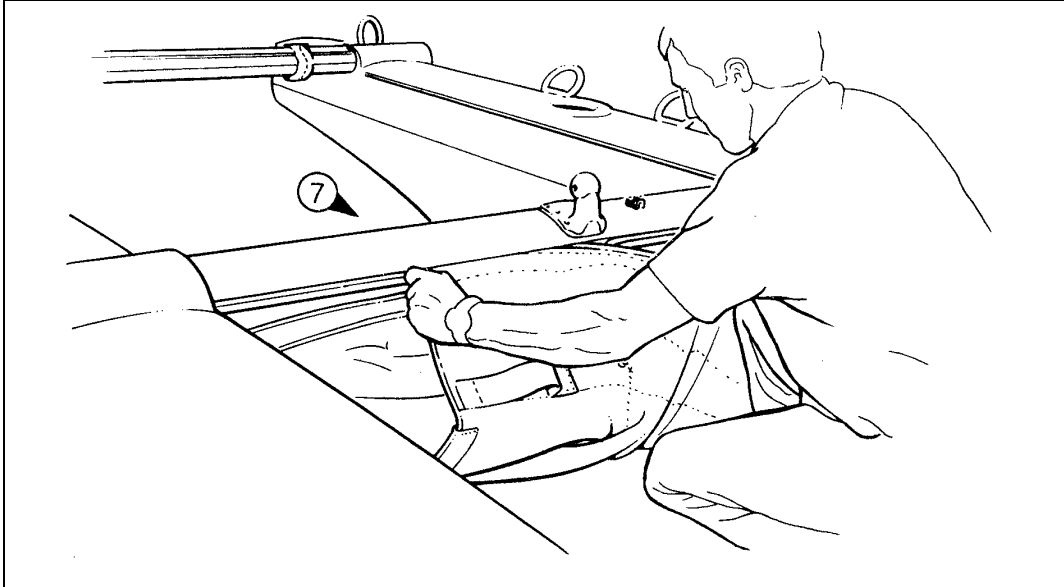
Raise the retaining clip at the beam end by pressing the spring to one side, (Fig 4). Insert the rear beam into its housing and slide home until the thrust pad meets the hull. Check that the retaining clip has dropped over the outer edge of the hull side, (Fig 5).

Carefully pull the beams down into the horizontal position. Raise the unattached hull and line up the beam housings. Slide the hull onto the beams making sure that the hull is moved in a parallel action. The hull is fully home when the thrust pads are against the inner hull side and the rear beam clip has dropped over the outer edge, (Fig 6).

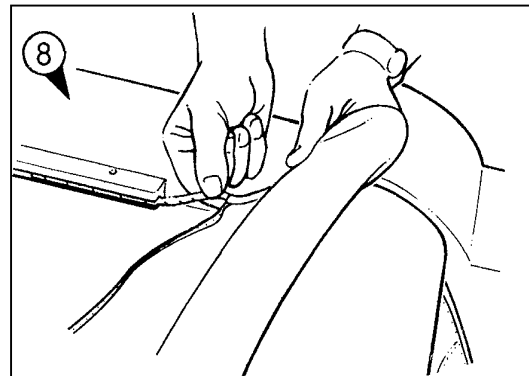


ADDING THE TRAMPOLINE

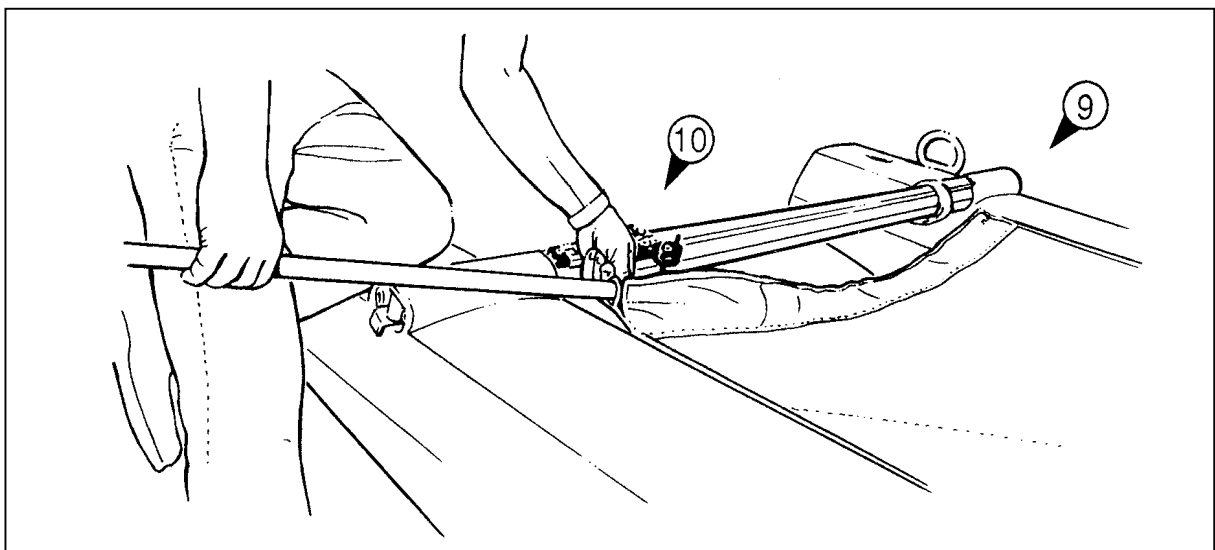
- Identify the trampoline (Part M) and lay it between the hulls with the webbing handles facing down.
- Identify the front edge and insert the bolt rope into the main beam as shown, (Fig 7). Check that the trampoline is in the centre of the beam).

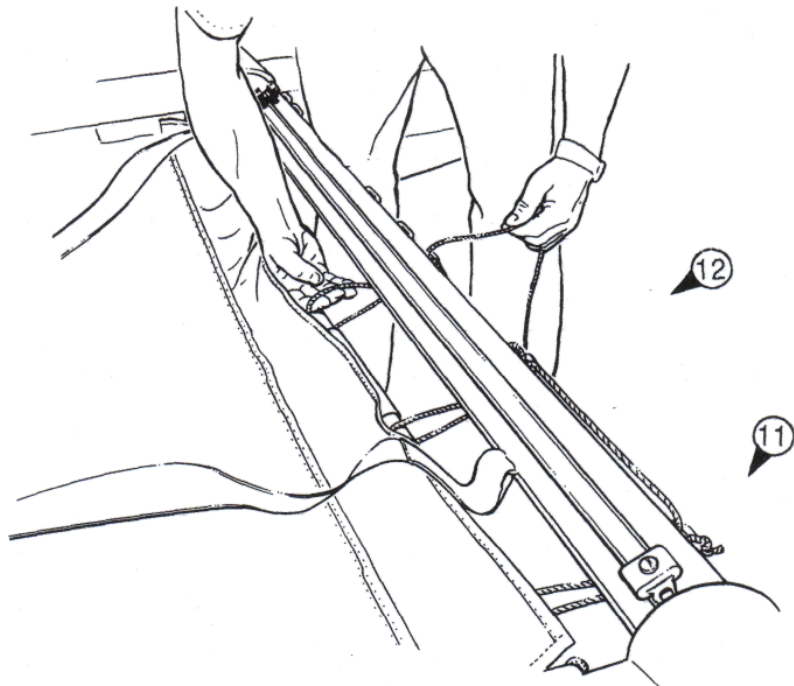


- Take the side bolt ropes and slide them into the trampoline tracks on both hulls, (Fig 8).



- Carefully slide the trampoline back along the tracks an equal amount until it is fully inserted in the track, (Fig 9).
- Feed the trampoline tube into the sleeve at the back of the trampoline and push the loose ends of the trampoline bolt rope into either end, (Fig 10).



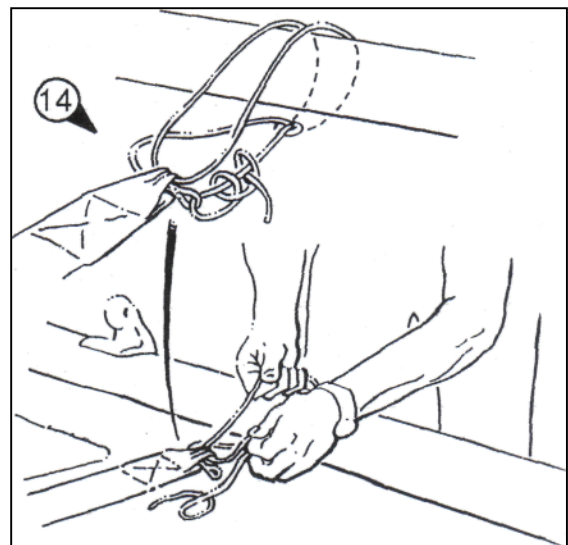
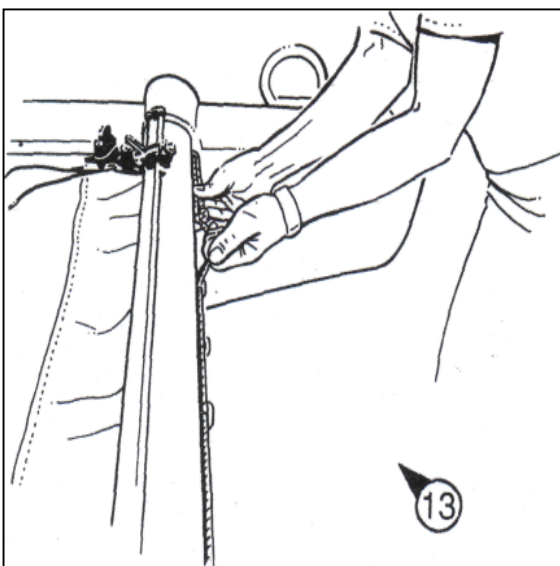


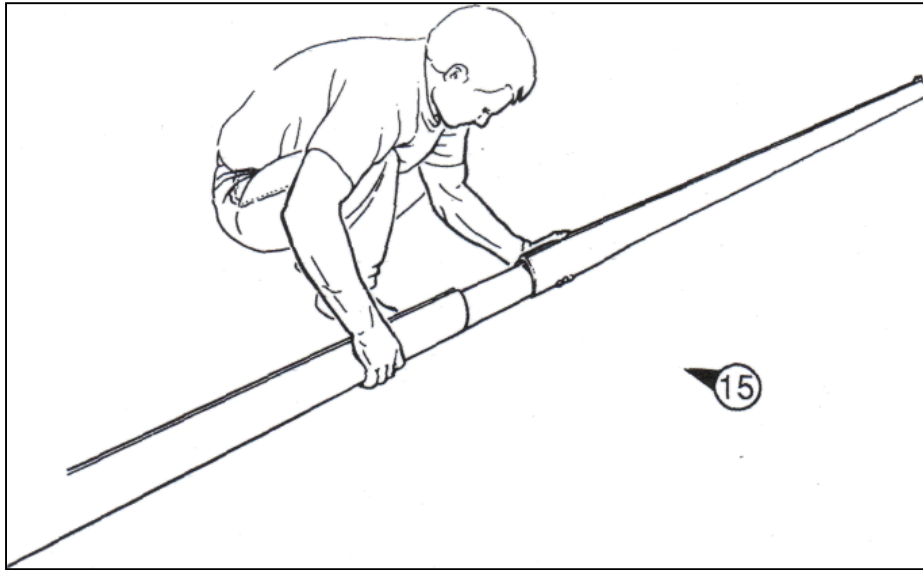
Identify the trampoline lacing line, Part O, and tie it to the outer most beam slide, (Fig 11).

* Lace the trampoline, (Fig 12), making sure that the slides are opposite the trampoline cut-outs and that the centre slide is not used.

* Tension the trampoline and secure with a suitable knot. (You may find when the trampoline is new it will need several attempts to achieve maximum tension. This is best carried out immediately after sailing, Fig 13).

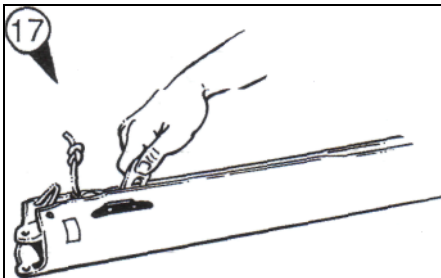
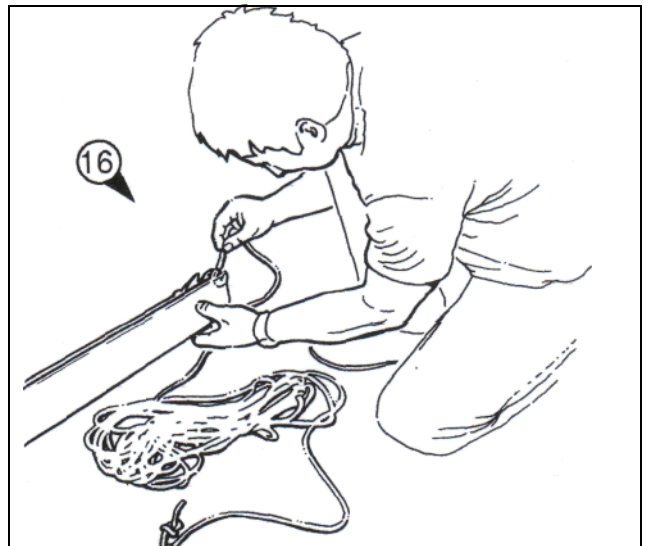
* Identify the toe straps, Part P, and lace them to the front beam as shown, (Fig 14).





RAISING THE MAST

- * Slide the two halves of the mast together, (Fig 15). (Make sure there is no grit on the mating surfaces).
- * Identify the main halyard, Part Y and feed it into the halyard slot as shown, (Fig 16).
- * Slide the halyard down the luff groove using a knife, or similar, and retrieve the lower end via the halyard roller finishing with a stopper knot as shown, (Fig 17).



Place the mast on the mast ball facing aft and use the mast pin to secure it on the heel as shown, (Fig 18). Lay the mast carefully on the rear beam using some suitable padding ie transport packing or similar for protection.

