

HOBIE ICAT

OWNER'S MANUAL



HOBIE ICAT**OWNER'S MANUAL****Welcome in the «Hobie Way of Life» !**

Congratulations for the purchase of your new HOBIE CAT and welcome to the HOBIE sailing family.
The Hobie Cat is a long life boat.

Le Hobie iCat is primarily meant for experienced sailors and racers.

We offer this manual as a guide to increased safety and enjoyment of your new boat. The purpose of this publication is to provide easy, simple and accurate instructions on how to get your Hobie ready for the water. Please read them carefully and familiarize yourself with the boat and all of the parts spread before you.

Whether you are a new sailor or a veteran of many years, we recommend that you read this thoroughly before your first sail and TRY IT OUR WAY FIRST! If you are new to sailing, this manual alone is not intended to teach you how to sail. There are many excellent books, videos and courses on the safe handling of small sailboats. We suggest that you contact your local sailboat dealer, college or Coast Guard Auxiliary for recommendations.

Watch for overhead wires whenever you are rigging, launching, sailing or trailering with the mast up. CONTACT OF THE MAST WITH POWER LINES COULD BE FATAL! Be certain that the rigging area and the area that you will be sailing in are free of overhead power lines. Report any such power lines to your local power authority and sail elsewhere.

We take pride in presenting this Hobie Cat to you and hope that you'll take as much pride in owning her.

Fair winds and good sailing!

Hobie Cat Europe

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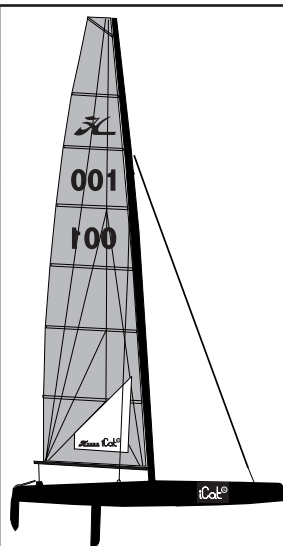
- SPARE PART ILLUSTRATED GUIDE
- CONFORMITY

**KEEP THIS MANUAL IN A SAFE PLACE AND GIVE IT TO THE
NEW OWNER IF YOU SELL YOUR BOAT**

HOBIE ICAT

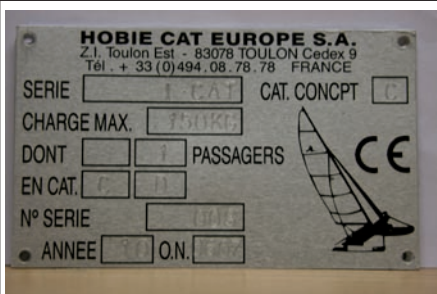
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Boat Description



Length (m)	5,29
Beam (m)	2,50
Mast height (m)	8,50
Weight (kg)	100
Main sail area (m²)	16
Jib area (m²)	-
Spi area (m²)	(option)
Maximum load (kg)	115
Crew number	1
Homologation EC N°	auto-certification
Module	Abis
Category	C
Hull construction	Carbone

The manufacturing of Hobie Cats conforms to the following ISO norms :

Hull construction and scantlings	ISO 12215-1:2000
Stability and buoyancy assessment and categorization	ISO 12217:2000
Hull identification -- Coding system	ISO 10087:1995
FR-HCE Y0164B010	
	ISO FDIS 14945
Owner's manual	ISO 10240:2004
Small crafts - principal data	ISO FDIS 8666

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Safety advices				

Read carefully before sailing :

- Whether on land or on the water, WATCH FOR OVERHEAD POWER LINES. Contact with power lines can cause serious injury or death.
- DO NOT sail while under the influence of alcohol and/or drugs
- Only sail in conditions in which you feel comfortable and where you feel confident that you can safely sail the boat. Never go out in conditions beyond your ability.
- Everyone on board should wear a life jacket at all times.
- If you are in the water, remain in contact with the boat, even if it is capsized. A sailboat can drift away faster than a person can swim.
- Never sail without a righting line.
- Wear appropriate clothes. Wear a wet suit or dry suit in cold weather or cold water conditions. Protect yourself against heat and sun.
- Learn the right of way rules and when in doubt, give way to others.
- When not sailing, always keep the boat pointed into the wind whether in the water or on the beach.
- Read the instruction manual carefully.
- Make sure everyone on the boat reads and understands these safety instructions.
- ALWAYS check that the drain plugs are screwed in before launching your catamaran. Remove the plugs after sailing to drain any water that may have leaked into the hulls.

Safety equipment :

All necessary safety equipment must be available on board. (Life jackets, etc.) and must correspond to the boat type, weather conditions, etc. This material is mandatory in some countries. The crew must know how to use this material and how to behave in case of emergency (men at sea, towing, etc.) ; Sailing schools and clubs regularly organise training sessions to learn how to use the safety equipment and how to behave in case of emergency.

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Complementary information				

INTERNATIONAL HOBIE CLASS ASSOCIATION (I.H.C.A.)

Hobie Cat owners are organised in a world-wide class association : the IHCA (International Hobie Class Association).

For Europe, you can contact the EHCA (European Hobie Class Association).

Visit their web site : <http://ehca.hobieclass.com> to find the name and contact details of the association of your country.



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Handling & maintenance				

Before sailing, check the following points :

- 1/ Install the drain plugs (if any) – do not overtighten, hand tight is sufficient. Overtightening may cause the drain plug flange to distort and cause leakage.
- 2/ Tension the rig. This can be accomplished by having your assistant hang from the trapeze or you can use mainsheet tension on one side at a time so that you can adjust the shroud position in the side stay adjusters.
- 3/ Fit the daggerboards into the daggerboards wells.
- 4/ Check all fastenings :
 - Mast tang shackles and shrouds (to prevent the mast to fall down)
 - pins and trapeze rope locks (to prevent falling out in the water if the trapeze is not well fastened)
 - pins and spring rings on the forestay and shrouds (to prevent the mast to fall down)
 - spring rings on the rudder pins (to prevent losing the rudder assembly in case of capsizing)

Transport

Afin d'éviter d'endommager les coques :

In order to avoid hull damages :

- Always use a dolly to transport your Hobie on the beach (even if it is sand beach) and for launching. Step into the water with the dolly and once the cata is afloat take out the dolly.
- DO NOT BEACH. Beaching, even smoothly, may damage the hulls. use your beach dolly to take the boat out of the water.
- For towing, always use an homologated road trailer with cradles.

Launching your Hobie Cat

Launching the boat is easiest when the boat can be pointed into the wind to keep it de-powered and floated into deep enough water to lower the rudders.

It is possible to launch in shallow water with the rudders partly up.

Try not to steer with too much force on the rudders until you lock them in the down position.

Keep the sail loose and trimmed out completely until you can power up and steer away from any obstacle.

HOBIE ICAT**OWNER'S MANUAL****Handling and maintenance****Righting your Hobie Cat**

If you tip the boat over, in order to avoid the mast from sinking under the hull, one of the crew must rapidly climb on the hull that remains on the water. In the meantime, the other crew uncleat all the lines and sheets.

It is not necessary, but it is easier, to right the boat when the bow and the mast are pointed into the wind. There will be less resistance and better control in this position.

Skipper and crew stand up on the hull. Using the righting line, skipper and crew pull the righting line that is against the upper hull and hold the line while slowly leaning back away from the trampoline. As the mast and sail lift out of the water, drop down to your knees then into the water. Hold on to the crossbar near the hull that you were standing on.

Be well aware of the hull and crossbar coming down over your head. Holding the crossbar or righting line will also insure that you remain with the boat when it is righted. Climb aboard and continue sailing.

Maintenance of your Hobie

This manual is not an exhaustive guide for the maintenance or repair of your Hobie. In case of difficulties, take contact with the builder or his representative.

Always use the service of an experienced professional for the maintenance, the mounting of accessories or the modifications to your Hobie.

Modification that may affect the safety use of the boat must be checked before processing and made by an experienced professional. The builder cannot be held responsible for modification that he has not duly approved.

In some countries, prior authorisations are necessary or specific regulations are in force. Check them.

Always maintain your boat and take into account the deterioration that may occur with the time or following inappropriate or intensive use. Any boat (even the strongest one) may be severely damaged if it is not used the right way. This is not compatible with a safe sailing.

- Hobie Cat does not recommend leaving your Hobie in the water on a mooring. Accelerated wear to the boat and rigging will be experienced. Damage to the hull material is possible. Limitation of the mast rotation and tensioning of the rigging are required to lessen this wear. Inspect rigging often and tape rigging rings and shackles to prevent loosening.
- After sailing, it is recommended to wash the hulls to remove the salt. Also remove the sails and wash them before storing them.
- There is one plug in the rear of each hull. These plugs are used to drain the hulls. The plugs should be in place before sailing. Remove the plugs after sailing to drain any water that may have leaked into the hulls. It is best to travel with and store the boat with the plugs removed to allow for pressure changes due to heating, cooling, and altitude changes. This will prevent warping of the hull surface.

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Limited warranty by Hobie Cat Europe

This warranty applies to customers of Hobie Cat Europe.

The boat is warranted to the original retail customer for one year from the date of retail purchase against defects in materials and workmanship.

The spare parts are warranted for one year.

The components coverage applies only to the original retail customer. The warranty is not transferable.

In no case, the repairs made will extend the initial date of the warranty, except for any replacement or repaired parts.

The Warranty Registration Card is required by law for use in the event of a product problem notification.

The warranty is only effective if the boat is sold by an authorised Hobie Cat dealer.

What is covered?

Replacement parts and labour. According to the decision of Hobie Cat Europe, the dealer will make the repairs himself or through an external contractor, after presentation of an estimate and written agreement from HCE. The dealer will be then reimbursed after presentation of the invoice. The warranty covering these repairs will no longer be at HCE's charge but at the contractor's charge.

What is not covered?

- normal wear and discoloration
- Transport charges to or from the dealer's shop to the client
- charges occurred in case of an on-the-spot repair.
- Damages caused by abuse or failure to perform normal maintenance (see assembly manual), by a defective or abnormal use or by a bad storage.
- Discoloration, blistering or grazing of gelcoat caused by boat being moored or stored in salt or fresh water.
- The boat is not covered under warranty if the boats are hired or placed in commercial service.
- Hobie Cat Europe is not responsible for boat damage as a result of adding additional blocks to the original manufacturer's sheeting arrangement.
- Any other expenses: CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, OR INCIDENTAL EXPENSES, INCLUDING DAMAGE TO PROPERTY.

How to obtain warranty performance within 30 days of discovering the defect:

Bring your boat to the nearest authorised Hobie Cat Europe dealer (a list of the dealers is available at HCE). Be sure to take proof of date of retail purchase (invoice). All payments for in-warranty expenses shall be made by Hobie Cat Europe to the Hobie Cat Europe dealer and not to the customer.

Implied warranties:

IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE NO LONGER THAN THE DURATION OF THIS EXPRESS WARRANTY.

Hobie Cat Europe makes no express warranties in addition to this limited warranty. Hobie Cat Europe's dealers have no authority to make any warranties on behalf of Hobie Cat Europe in addition to or inconsistent with those stated herein.

To the extent any provision of this warranty is prohibited by federal, state, or municipal law and cannot be pre-empted, it shall not be applicable.

HOW IT WORKS?

It is essential that for each sold boat, the warranty card be completely filled in, signed by the dealer and the customer, and that the copy for Hobie Cat Europe be returned to the factory within 8 days of boat delivery.

For all claims the warranty department must be contacted. The final decision regarding warranty claims lies with this service.

SPECIAL NOTES:

All warranty transactions will be handled through the claiming dealership and not directly with the customer.

Hobie Cat dealers are responsible for proper diagnosis and completion of all warranty claims.

If in doubts about warranty coverage of a particular problem, contact the Warranty department first.

Warranty work may be carried out by an authorised dealer other than the original seller of the boat, however for all warranty requests it is mandatory to fax or mail a copy of the completely filled out warranty card which must have been registered immediately following delivery to the customer.

As warranty work is registered following the information of the warranty card, it is mandatory that the card be filled out in detail in all the boxes. Failure to cite a hull, sail, or serial numbers on the warranty will make claims impossible to process.

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Your Distributor				

Distributor's stamp

Your dealer is our representative and will bring you all necessary assistance in order to solve problems you may encounter.

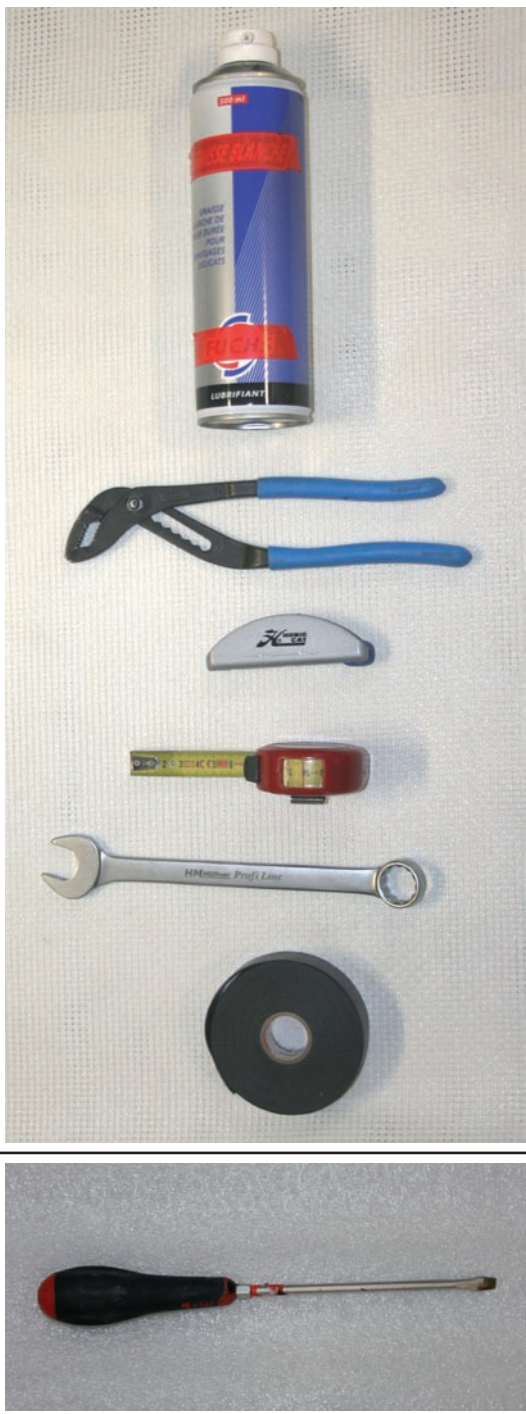

As soon as you become owner, please date and sign this receipt (below) and give it to your dealer to be covered by our warranty.

Please carefully read the warranty conditions written in this manual.

Please carefully and thoughtroughly read this manual. Keep it in a safe place

Give it to the new owner if you resell your Hobie.

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ASSEMBLY MANUAL				
Necessary tools				

N°	Illustration	Description
1		Lubricant
2		Universal pliers
3		Poignée d'étarquage
4		Mètre ruban
5		wrench #14
6		adhesive tape
7		screw driver

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ASSEMBLY MANUAL				
List of the parts				

Your iCat is delivered in 5 parcels (6 parcels if you have the Gennaker option) See detail below :



Illustration	N°	Description	Reference
	1	Front crossbar	17762500
		Rear crossbar	17762600
		Left rudder assembly	17762170
		Right rudder assembly	17762180
		Tiller crossbar	17762260
		Boom	17712800
		Wire bag	17760500
		Rig bag + ropes	17780300
		Gennaker rig kit (option)	17770320
		Telescopic carbon tiller extension	99502360
	2	Mainsail (white or smoke)	
		Mainsail battens	17734000
		Daggerboards x 2	17750910
		Gennaker sail (option) white or black	
		Trampoline	17725800
	3	Mast	17742700
	4-5	Right hull	17756182
		Left hull	17756180
	6	Gennaker pole (option)	17770300

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List of the parts





Illustration	Qty	Description	Reference
WIRE BAG			17760500
	2	SINGLE BLOCK	17070150
	1	FORESTAY	17760532
	1	SPREADER BAR WIRE	17760560
	1	ADJUSTABLE SPREADER BAR WIRE	17760565
	2	SPECTRA TRAPEZE WIRE	17760572
	2	TRAPEZE LINE N°1	17770480
	2	TRAPEZE LINE N°2	17770482
	2	BRIDLE	17770500
	2	SHROUD	17780400
	2	TRAPEZE ROPE LOCK	18060301
	1	2 BUCKLE TRAPEZE SHOCK CORD	18680500
	1	SHACKLE D4	99220036
	1	SHACKLE D8	99220058
	1	FORESTAY STAY ADJUSTER	99220360
	2	J&H BLACK TRAPEZE HANDLES	99500020
	4	STOP BALL	99500103
	2	TRAPEZE CLAMCLEAT	99500590
SAC D'ACCASTILLAGE + CORDAGES			17780300
	1	GOOSENECK HINGE	14070351
	1	REAR TRAMPOLINE LINE	17770484
	1	CUNNINGHAM LINE	17770485
	1	LARGE SHACKLE	18060007
	1	MAINSHEET ROPE	18060419
	1	RIGHTING LINE	18070414
	2	MAST ROTATION LINE A	18770416
	1	MAST ROTATION LINE B	18770425
	1	MAST BASE BLOCK LINE	18770430
	1	SPREADER BAR ASSEMBLY	99064035
	1	SPLIT RING	99220031
	1	DRILLED PIN	99220034
	1	SHACKLE D4	99220036
	8	WASHER Z M10	99220285
	8	WASHER 20X10.2X2 NYLON	99220290
	2	STAY ADJUSTER	99220360
	8	SCREW TH-B14 SPE 10X125X50	99226201
	2	STOP BALL	99500103
	1	THREEFOLD WINCH BLOCK +CARBO	99500136
	2	DOUBLE BLOCK	99500470
	3	SINGLE BLOCK MICRO	99500478
	1	FOURFOLD BLOCK CARBO	99501005

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ASSEMBLY MANUAL

Hull and crossbar assembly




Illustration	Steps	Description
	1	<p>Take the 8 screws + 8 stainless steel washers + 8 nylon washer from the Rigging bag</p> <p>Use the n° 14 spanner.</p>
	2	<p>Lay the hulls parallel to each other.</p>
	3	<p>Position the back crossbar so that the pad-eyes are towards the front and the lacing buttons towards the back.</p>
	4	<p>Tighten the screws.</p>

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Hull and crossbar assembly


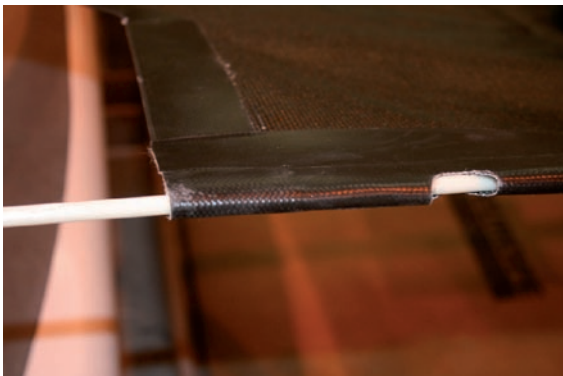

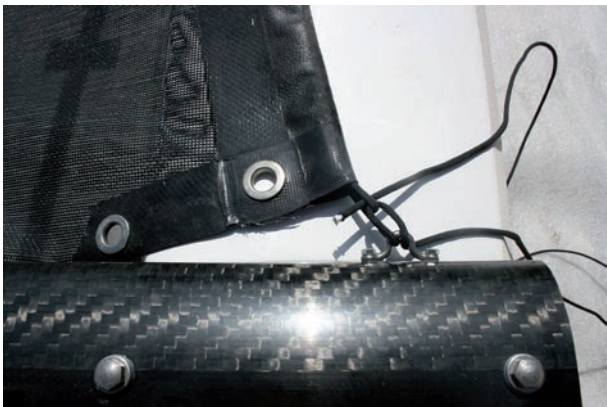
Illustration	Steps	Description
	5	Feed the front crossbar into the band at the front of the trampoline.
	6	Place the crossbar on the hulls.
	7	Fix the front crossbar in the same way as the back crossbar.

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ASSEMBLY MANUAL

Trampoline assembly

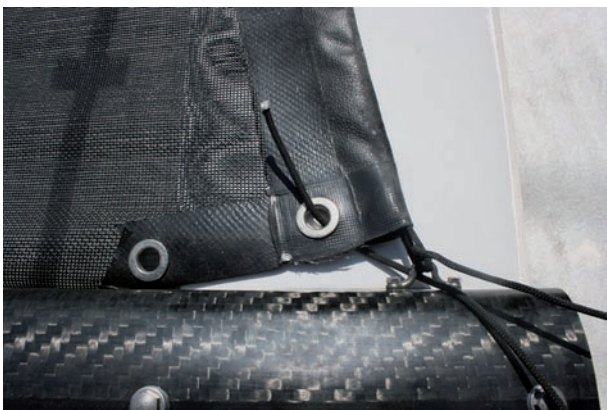


Illustration	Steps	Description
	1	Fix the trampoline on the right and left pad-eyes on the front beam as shown on the photograph opposite.
	2	Hold in place on the pad-eye with a bowline knot.
	3	Unroll the trampoline towards the back, making sure that the fibreglass rod passes through and is centred in the band at the back of the trampoline.
	4	To attach the trampoline on the rear crossbar, begin on the left side. Pull the line, lead it through the pad-eye, go back through the buckle.
	5	Then, back through the pad-eye and back through the buckle.

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ASSEMBLY MANUAL

Trampoline assembly

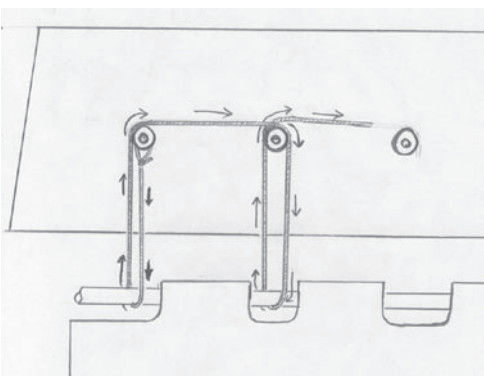


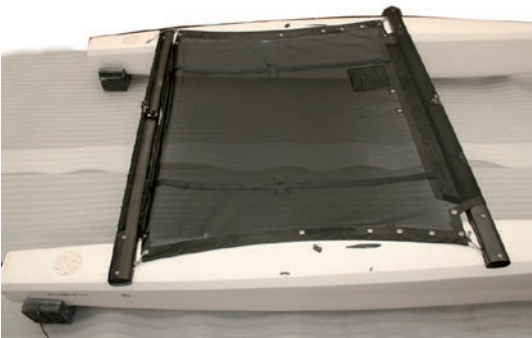
Illustration	Steps	Description
	6	Then, lead the line through the eyelet.
	7	then back through the pad-eye, and once again through the eyelet.
	8	Stop the line with a eight figure knot on the pad-eye.

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ASSEMBLY MANUAL

Trampoline assembly

Illustration	Steps	Description
	9	Take the back trampoline lace and lace as shown the diagram : attach the end to the first lacing button, take the lace down and around the rod, bring up again around the first lacing button, pass over the second lacing button, down around the rod and back over the second lacing button, and continue to the end of the crossbar.
	10	Correct lacing
	11	Finish with a half hitch knot.
	12	Finished assembly.

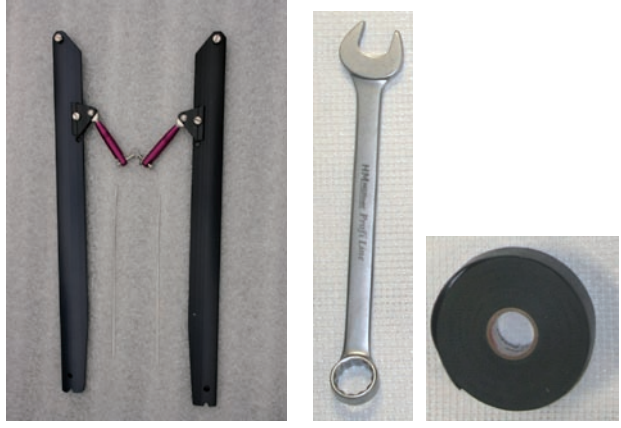



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ASSEMBLY MANUAL

Preparation of the mast : Spreader bars

Place the mast onto supports (trestles) if possible at about 80 cm from the ground, so as not to strain your back while rigging the mast, leaving enough room to go all the way around the mast.





Illustration	Steps	Description
	1	Take the spreader bar kit + the screw driver + adhesive tape.
	2	Find the aluminium spreader bar fittings on the mast.
	3	Insert the end of the fixed part of the spreader bar in the back mast fitting and insert the screw.
	4	Put the bolt on and tighten with the spanner

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Preparation of the mast : Spreader bars

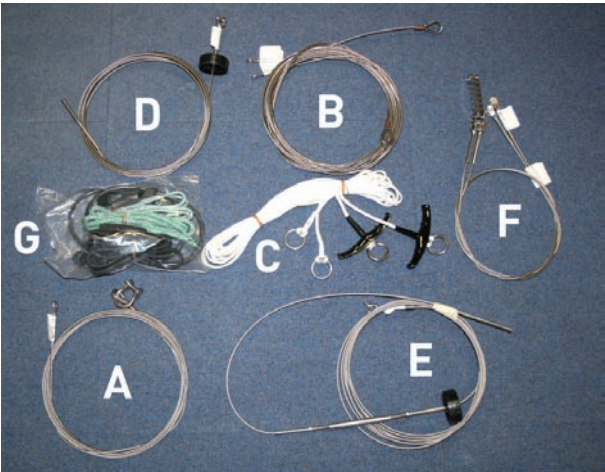


Illustration	Steps	Description
	5	Guide the adjustable piece towards the front mast fitting.
	6	Fix it in place using the axe and the split ring.
	7	Finished assembly.
	8	Repeat the steps 5-8 on the other side.

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ASSEMBLY MANUAL

Preparation of the mast : Mast wiring





Illustration	Steps	Description
	1	Open the bag holding the rigging cables and check the cable as follows : A : Forestay B : Shrouds x 2 C : Trapeze wires x 2 D : Fixed spreader wire E : Adjustable spreader wire F : Bridle x 2 fixed on the stay adjuster G :Trapeze lines
	2	Take the 8 mm shackle from the bag and pass the forestay [A] into it.
	3	Then pass the shrouds [B] on each side of the forestay.

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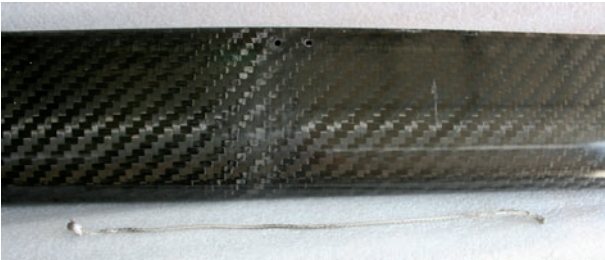

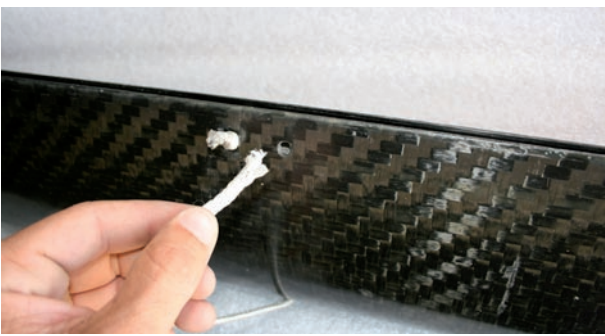
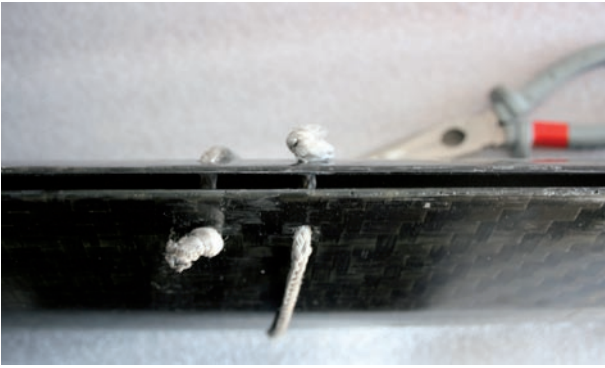
ASSEMBLY MANUAL

Preparation of the mast : Mast wiring

Illustration	Steps	Description
	4	Finish with the trapeze wires [C] as shown in the photo.
	5	Fix the shackle with the wires onto the mast tang at the top of the mast.
 	6	Finished Assembly. Be careful to firmly tighten the shackle axe with the pliers.

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ASSEMBLY MANUAL				
Preparation of the mast : Mast wiring for the gennaker (option)				

If you do not have the gennaker option on your boat, go to page 25.



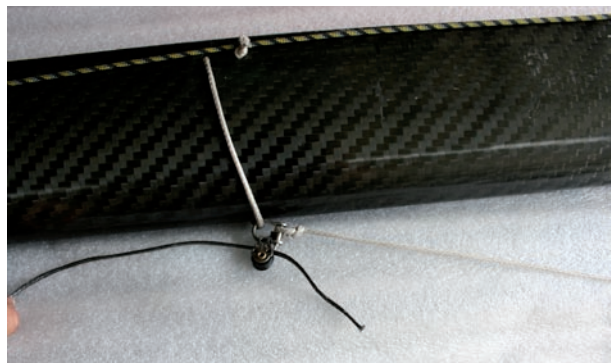

Illustration	Steps	Description
	1	Install the rope that goes round the top of the mast. Take the rope and tie a knot at the end.
	2	Feed the other end into the hole as shown on the photograph.
	3	Lead the rope under the mast and feed it through the second hole above the other.
	4	Tie a knot at the end.

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Preparation of the mast : Mast wiring for the gennaker (option)

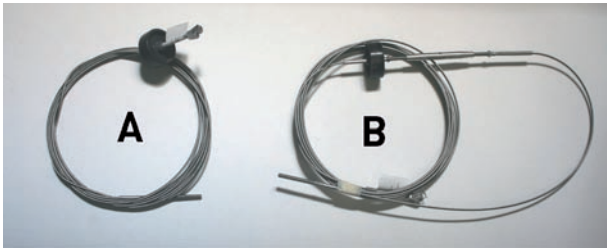

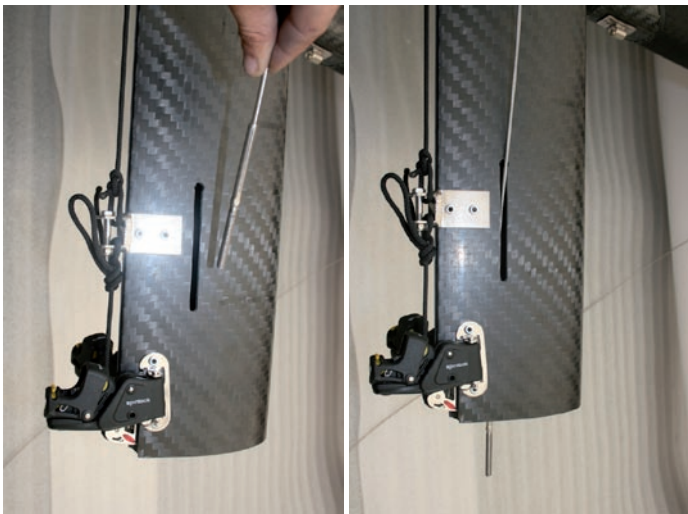
Illustration	Steps	Description
	5	Take the second rope and fix it to the mast fitting at the top of the mast as shown on the photograph.
	6	Take the shackle and small pulley from the gennaker kit and fix them to the mast head ropes as shown on the photograph. Tighten the shackle axle with the pliers.
	7	Pass the gennaker halyard through the pulley,
	8	Fix it to the swivel that is supplied with the furler. Join the two ends together and leave for the time being.

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HOBIE ICAT

ASSEMBLY MANUAL

Preparation of the mast : Spreader wires


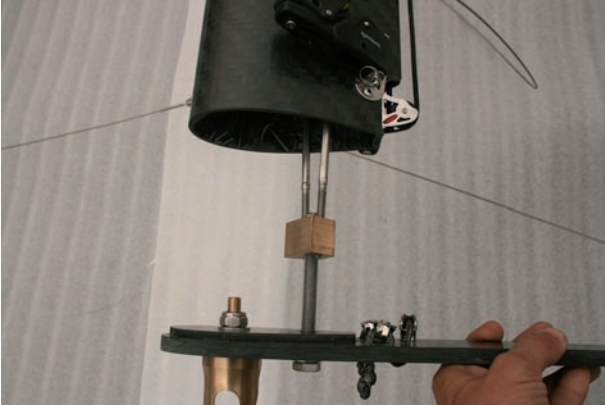
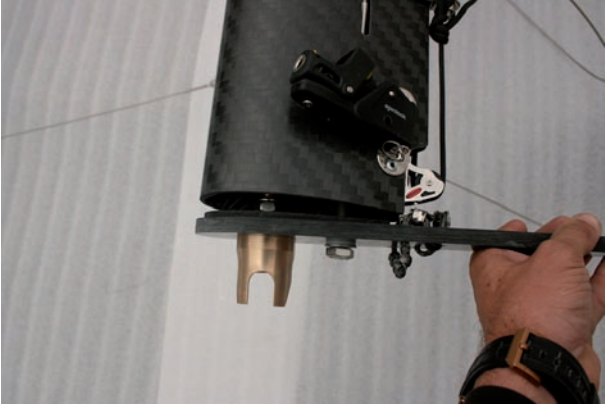
Illustration	Steps	Description
	1	Take the fixed spreader wire [A] and the adjustable spreader wire [B].
	2	Fix the end of the spreader wire [A] to the left hand side fixation of the mast and the end of the adjustable spreader wire [B] to the right hand side fixation of the mast.
	3	Insert the ends of the two cables into the borings at the bottom of the mast.

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HOBIE ICAT

ASSEMBLY MANUAL

Preparation of the mast : Spreader wires

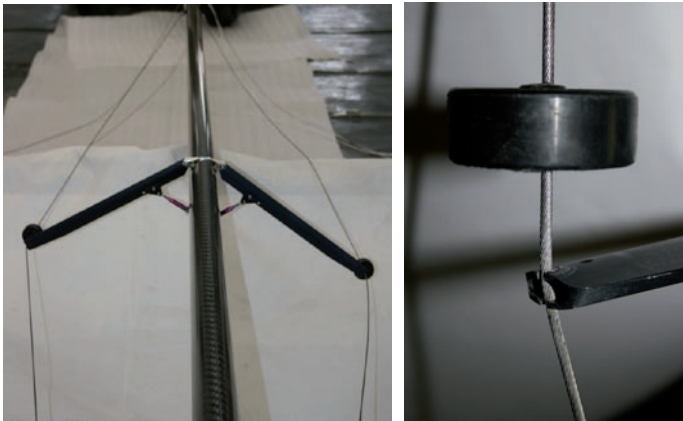




Illustration	Steps	Description
	4	Bring each of the cables out and fix them on to the mast foot.
	5	Be careful to bring the wire [A] to the left side and the wire [B] to the right side.
	6	Put the mast foot into the mast base, without tightening the cables for the moment.

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HOBIE ICAT

ASSEMBLY MANUAL

Preparation of the mast - Spreader wires




Illustration	Steps	Description
	7	Slide the spreader wire [A] into the corresponding slot at the far left edge of the spreader, making sure that the black plastic disc is above the spreader. Repeat on the other side for the wire [B].
	8	Adjust the tension using the adjuster on the right spreader wire. Proceed as shown on the photo.
	9	Once that the mast is straight, put tension on the two wires under the mast foot, using a 17 mm spanner.
	10	Secure the cables at the ends of the spreader bars using the small piece of fine cable provided. Pass it through the hole near to the end of the spreader bar, and, next to the spreader bar roll it two or three times around the spreader wires. Repeat on the other side, cut off any surplus and make sure that it is tightly rolled so that there is no risk of tearing the sail.
	11	Once that the assembly is finished cover all with adhesive tape.

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HOBIE ICAT

ASSEMBLY MANUAL

Preparation of the mast : Bridle assembly

Illustration	Steps	Description
	1	Take the bridles from the wire bag
	2	Fix them into the bridle fittings at the front of the hulls using the axe and split ring as shown in the photo opposite.
	2	Finished assembly

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HOBIE ICAT

ASSEMBLY MANUAL




Stepping the mast : connecting the shrouds



CAUTION DANGER - ALUMINIUM MAST

Keep away from electric cables






Illustration	Steps	Description
Place the mast on the trampoline, the mast base facing its support on the front cross bar, and unroll the wires on either side of the mast on the trampoline.		
	1	Find the eye-bolt on each hull.
	2	Take the two stay adjusters from the wire and rope bag and fix to the eye-bolts using the clevis pins and split rings.
	3	Then, join each shroud to the top of each stay adjuster using the clevis pins and split rings.

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HOBIE ICAT

ASSEMBLY MANUAL

Stepping the mast : Raising the mast




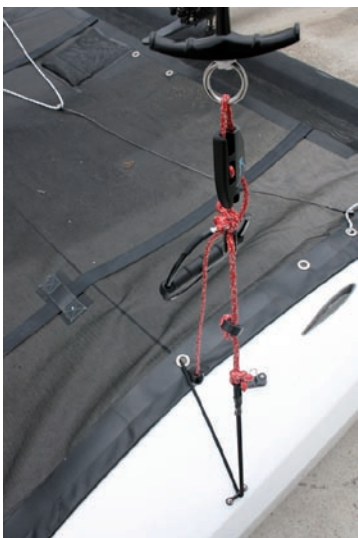
Illustration	Etapes	Description
	1	It is recommended to have two people to raise the mast : One in front of the front crossbar holding the base of the mast, the other at the back holding the mast head.
	2	The person in the front takes one of the trapeze cables to relieve the weight of the mast, being careful that the base of the mast remains encased on the crossbar, as shown on the photo opposite.
	3	The person at the back advances along the mast while raising it. As the mast rises, the person in front moves back little by little, pulling on the trapeze to help raise the mast.

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HOBBIE ICAT

ASSEMBLY MANUAL

Stepping the mast : raising the mast





Illustration	Etapes	Description
	4	Once that the mast is upright, the person in the front continues to pull on the trapeze to hold the mast in place while the person at the back passes in front to attach the forestay to the bridles.
	5	Attach the end of the forestay to the forth hole from the top of the forestay adjuster, using the clevis pin and split ring.
 	6	<p>Connect the trapeze ropes to the rings which are under the handles located at the end of the trapeze ropes.</p> <p>Then tie a knot to connect the right trapeze to the trapeze shock cord. Pass the shock cord through the eye pad on the hull, through the eyelet of the trampoline, to go along under the trampoline and to come back out the other side in the same way to connect the shock cord to the left trapeze rope.</p>

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HOBIE ICAT

ASSEMBLY MANUAL

Mast rotation

Illustration	Steps	Description
	1	Take the mast rotation lines from the rope bag.
	2	Take the mast rotation line B with the two pulleys. Fold it in half and take the middle, pass it from under the trampoline through the eyelet facing the mast rotator and attach the loop to the hole of the mast rotator using the 6mm shackle supplied.
	3	Take one end of the mast rotation line A. Starting with the right hull, attach one end to the pad eye on the hull, just below the trampoline.
	4	Continue underneath and to pass it into the pulley on the right-hand side installed at stage 2. Come back towards the hull.

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ASSEMBLY MANUAL				
Mast Rotation				

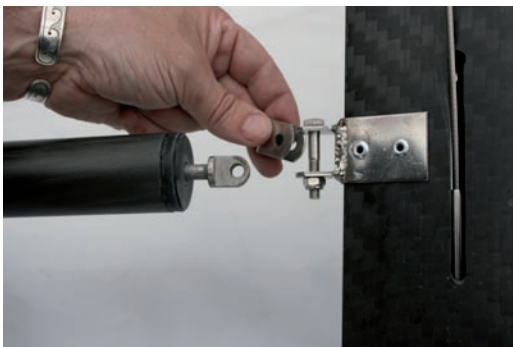
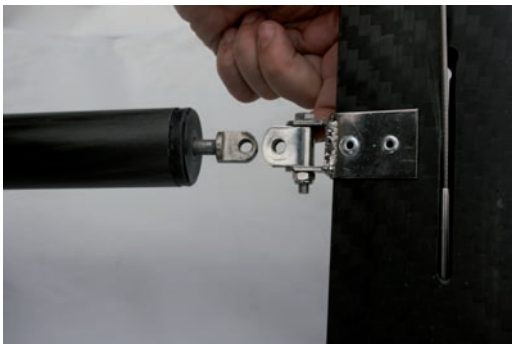

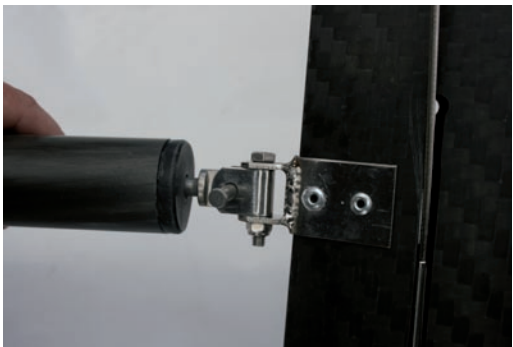
Illustration	Steps	Description
	5	<p>Bring it out at the side of the trampoline and fix it in the cleat.</p> <p>Repeat the same operation for the left hand side.</p>

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HOBIE ICAT

ASSEMBLY MANUAL

Fixing the boom






Illustration	Steps	Description
	1	Take the central gooseneck hinge out of the rigging bag.
	2	Install it around the mast fitting.
	3	Slide the end of the boom into the hinge.
	4	Fix in place using the clevis pin and split ring.

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HOBIE ICAT

ASSEMBLY MANUAL

Main sail : Batten assembly

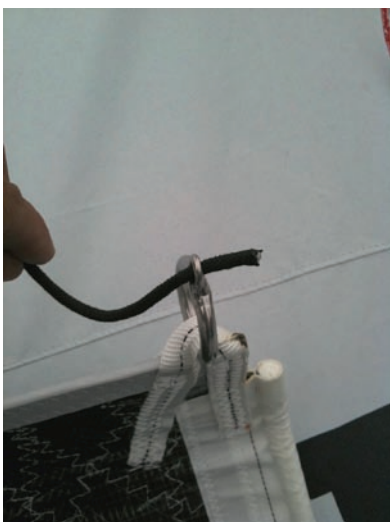

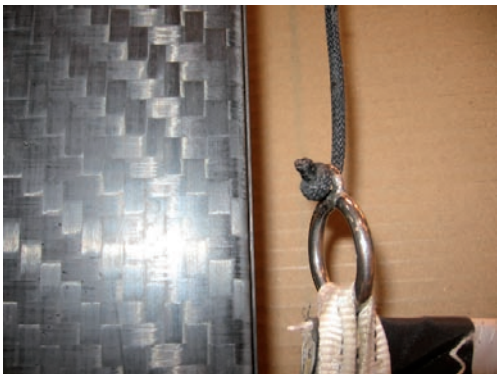
Illustration	Steps	Description
	1	Unroll the main sail on the trampoline. Insert the battens into the batten sleeves.
	2	Pass the two ends of the laces into the hole in the batten.
	3	Pass through the eyelet on the sail from the top.
	4	Tie a reef knot over the laces.
	5	Tighten and slip the two ends into the batten sleeve.

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HOBBIE ICAT

ASSEMBLY MANUAL

Hoisting the mainsail



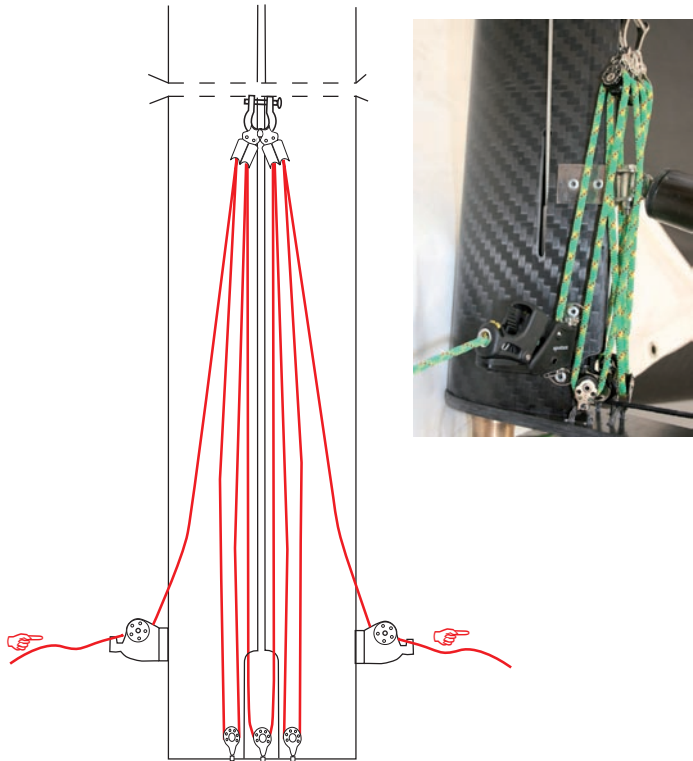
Illustration	Steps	Description
	1	Take the mainsail halyard which is attached to the base plate of the gooseneck on the mast. Detach the lower part and tie a figure of eight knot. Take the upper part and insert the end in the small ring located above the head of mainsail ring, passing from the back towards the front as in the photo.
	2	Tie a figure of eight knot.
	3	<p>Introduce the bolt rope of the main sail into the opening of the mast track and hoist the mainsail by pulling on the halyard while carefully guiding the cord inside the mast.</p> <p>Go passed the hook and let it slide back, it will hook automatically.</p> <p>To lower the mainsail, pull on the halyard, turn the mast to the side to unhook and pull on the sail to lower it.</p>

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HOBIE ICAT

ASSEMBLY MANUAL

Cunningham




Illustration	Etapes	Description
	1	<p>Take the parts needed for the Cunningham :</p> <ul style="list-style-type: none"> - The large shackle with two double pulleys - The two Spinlock cleats - The Cunningham rope
	2	<p>Assemble the two Spinlock cleats onto their fittings on the mast foot.</p>
	3	<p>Hang the large shackle with the two double pulleys to the tack point of the mainsail. Lace the end of the Cunningham rope between the double pulleys, the cleats and single pulleys on the mast foot according to the diagram opposite.</p>

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HOBBIE ICAT

ASSEMBLY MANUAL

Mainsheet system


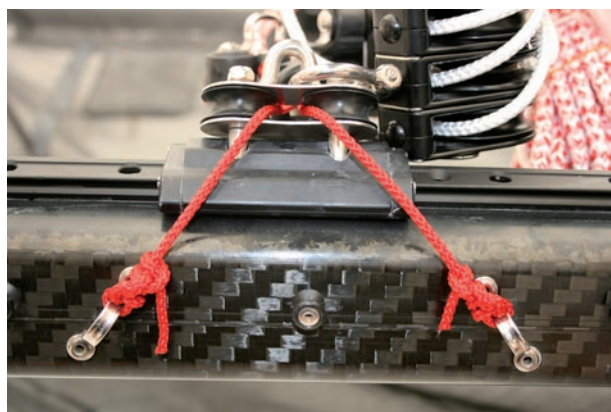
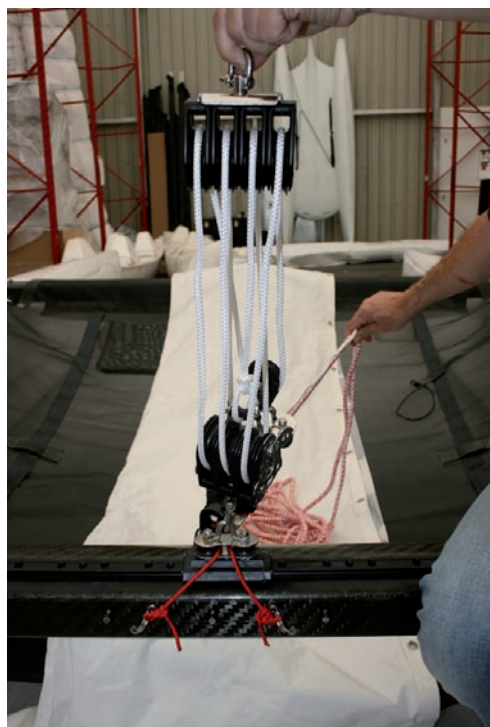
Illustration	Steps	Description
	1	<p>Insert the end of the boom into the strap of the clew point of the main sail.</p> <p>Fix the shackle to the metal ring of the mainsail.</p>
	2	<p>As seen from the other side.</p>
	3	<p>Take the mainsheet system (already mounted) from the rigging bag and attach the snap hook to the strap of the mainsail, under the boom.</p>

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HOBIE ICAT

ASSEMBLY MANUAL

Mainsheet system

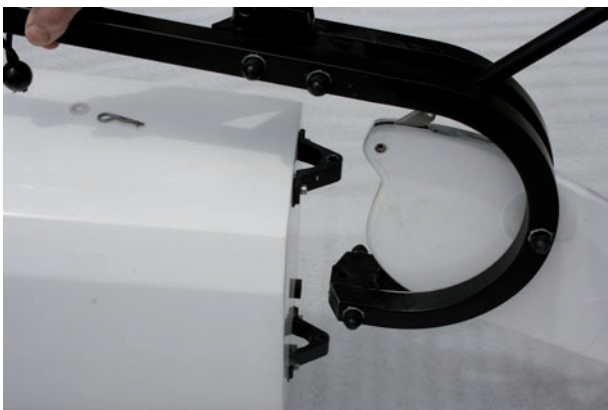


Illustration	Steps	Description
	4	Fix the pulley winch on the traveller using its shackle.
	5	Pass the main sail sheet in to the cleat on the traveller.
	6	Separate the two parts and pass them into the cleats behind the rear crossbar, as in the photo opposite.
	7	Mainsheet system mounted on the boat.

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HOBIE ICAT

ASSEMBLY MANUAL

Rudder assembly




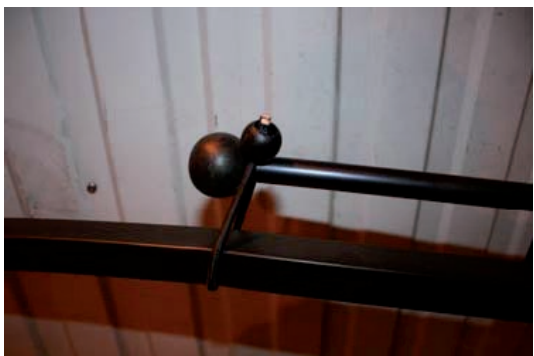
Illustration	Steps	Description
	1	Take off the cutter pin from the gudgeon and put it on the hull with the plastic bushing. Present the rudder arm in front of the pintles.
	2	Put the white plastic budhing on the lower pintel (as shown on the photograph opposite)
	3	Insert the gudgeon through the top of the rudder arm and the upper pintel, then the bottom of the rudder arm and through the lower pintel.

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HOBIE ICAT

ASSEMBLY MANUAL

Rudder assembly






Illustration	Steps	Description
	4	Insert the cutter pin through the hole in the gudgeon that is under the upper pintle.
	5	Rudder up : the fixing arm is in a vertical position.
	6	To lower the rudder, pull the fixing arm up to allow the rudder to rotate towards the low position, and engage the round plastic part into its cavity on the rudder arm in order to block the rudder.
	7	Fix the elastic over the fixing arm.

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HOBIE ICAT

ASSEMBLY MANUAL

Tiller crossbar

Illustration	Steps	Description
	1	Insert the end of the tiller crossbar onto the axe at the end of the rudder arm.
		
	2	Insert the security washer as shown on the photo.
		
	3	Fix the tiller extension in the middle of the tiller crossbar as shown in the photo.

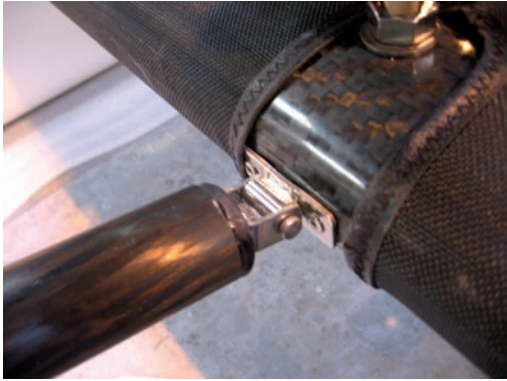
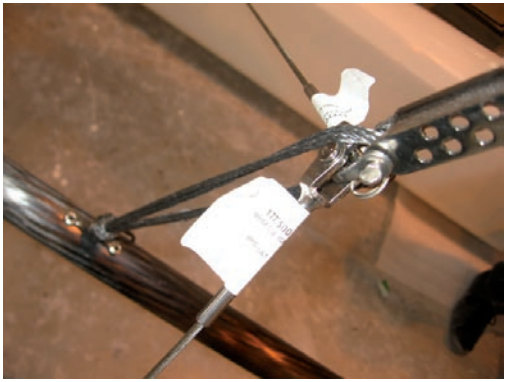

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HOBBIE ICAT

ASSEMBLY MANUAL

Gennaker kit : Gennaker pole fixation

(option)

Illustration	Steps	Description
	1	Fix the Gennaker pole to the pole attachment found in front of the crossbar, just under the mast foot. Use the clevis pin and split ring.
	2	Take the Gennaker central tension rope and install between the pad eye and the bridle fixing point on the stay adjuster.
	3	Then fix the two pole bridles on the bridle supports on the hulls.




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HOBBIE ICAT

ASSEMBLY MANUAL

Gennaker kit : Fixation of the pole bridles

(Option)

Illustration	Steps	Description
	1	Unroll the pole bridles that are fixed at the end of the pole. Take the left one, make a loop as on the photo, then lead the end through the bridle attachment on the hull.
	2	Then through the loop. Tension.
	3	Stop with a knot. Do the same thing on the opposite side.


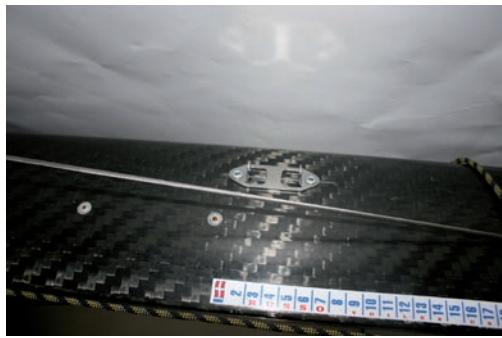


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HOBIE ICAT

ASSEMBLY MANUAL

Gennaker kit : fixing the pulleys

(option)

Illustration	Steps	Description
	1	<p>Take the blocks from the gennaker kit :</p> <p>A : Gennaker sheet blocks (x2) B : gennaker clamcleat</p>
	2	<p>Mount the (B) block on its fixation at the base of the mast using a clevis pin and split ring.</p>
	3	<p>Mount the Gennaker sheet pulleys onto the shroud fixations as shown on the photo opposite.</p>
	4	<p>To do that, unclip the strap lead it around the stay adjuster and clip it. Proceed in the same way for the other side.</p>





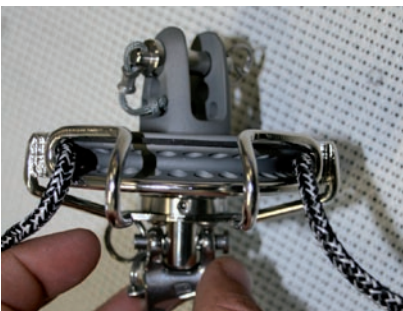
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HOBIE ICAT

ASSEMBLY MANUAL

Gennaker kit : the furler

(option)

Illustration	Steps	Description
	1	Take the furler and gennaker rope from the Gennaker kit.
	2	Lead the rope inside the furler.
	3	Turn the furler until the rope has gone all the way around. It should come out the other side.
	4	Pass the rope behind the metal crochet.
	5	Finished assembly.

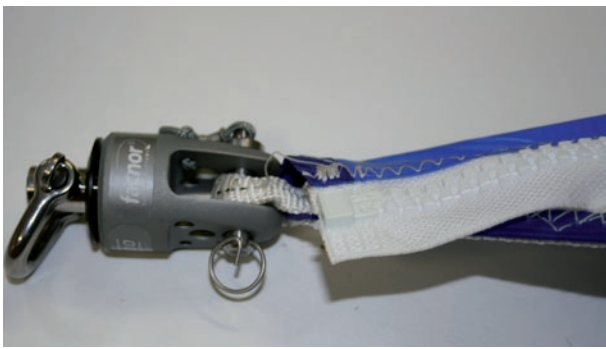



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ASSEMBLY MANUAL

Gennaker kit : attaching the gennaker to the furler

(option)

Illustration	Steps	Description
	1	<p>Take the spinnaker halyard with the swivel that was left on hold while hoisting the mast.</p> <p>Attach the head of the Gennaker to the swivel using a clevis pin and split ring.</p>
	2	<p>To fix the furler to the pole, open the snap hook.</p>
	3	<p>Pass it into the pad-eye situated at the attach point of the pole bridles.</p>
	4	<p>Close the snap hook.</p>

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ASSEMBLY MANUAL				
Gennaker kit : attaching the gennaker to the furler.				(option)

Illustration	Steps	Description
	5	Attach the tack point of the gennaker to the top of the furler using the clevis pin....
	6	and the split ring. Hoist the gennaker by pulling on the gennaker halyard and once the gennaker is completely hoisted, stop it in the clam cleat on the mast.



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HOBIE ICAT

ASSEMBLY MANUAL

Gennaker kit : Gennaker sheet assembly

(option)

Illustration	Steps	Description
	1	Starting on the left side, attach the Gennaker sheet to the clew point, making a figure of eight knot at the end of the rope
	2	Then pass through the winch pulley on the left hull. Pass to the right side into the other winch pulley and come back to fix onto the Gennaker clew point.

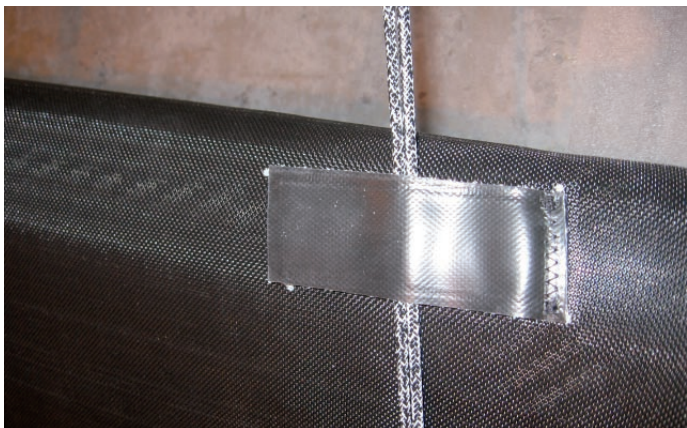

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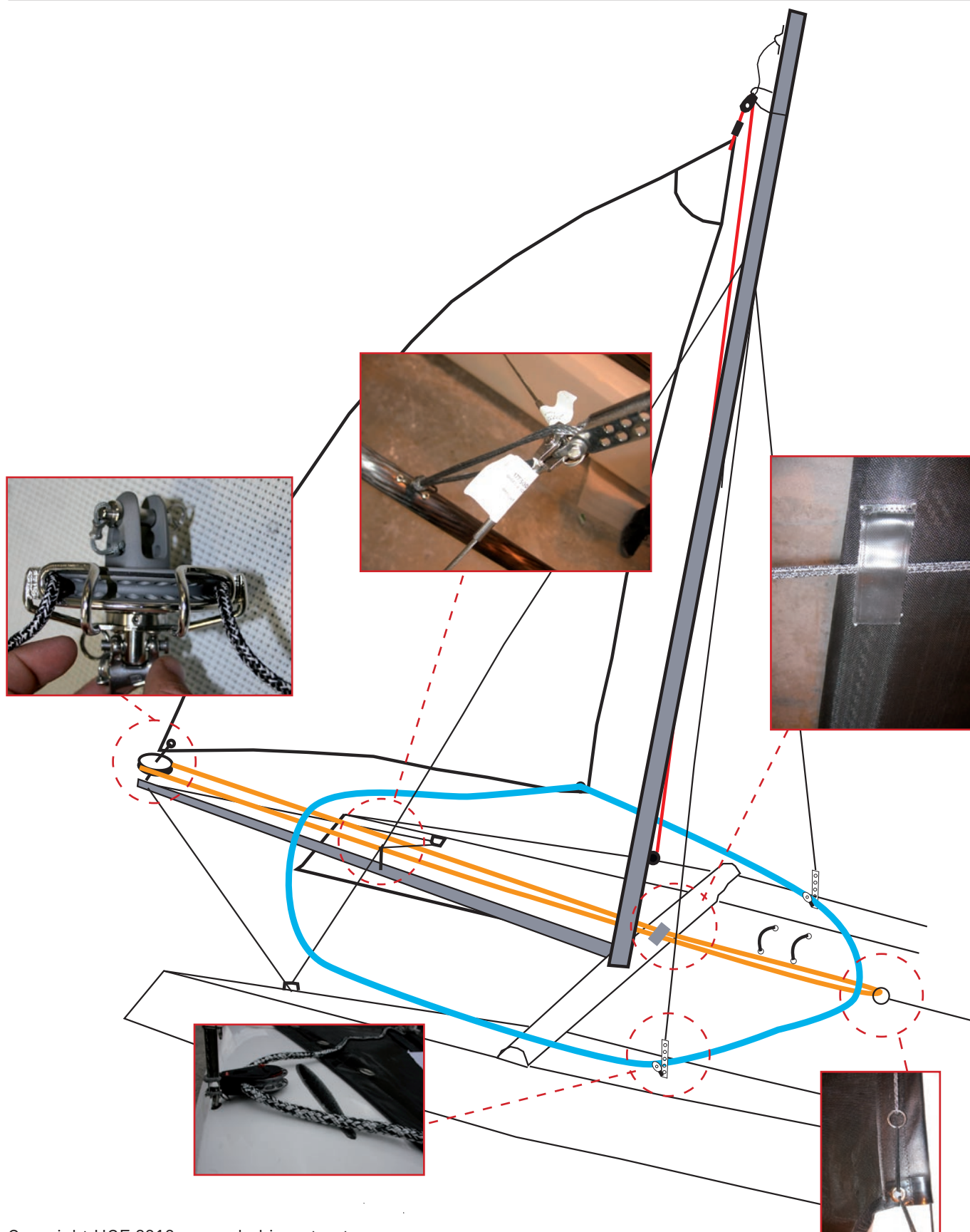
ASSEMBLY MANUAL

Gennaker kit : Furler line

(option)

Illustration	Steps	Description
	1	Passage of the furler line on the front crossbar.
	2	Fixation on the rear of the trampoline.

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ASSEMBLY MANUAL				
Gennaker kit : Overall view				(option)



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OWNER'S MANUAL				



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