

# LTYC Lightning L1 User's Guide



Revised: 3/07/2015

## Important Safety Notes:

1. 2" Ball Hitch is required.
2. Towing (backing) experience is required (get help if you are not experienced with backing a trailer)
3. **Do not go aboard** unless trailer is hitched to tow vehicle. Trailer tips up quickly if you get in/on behind the axle.
4. Close bailers before launching to prevent water from entering the boat.
5. A throwable PFD (Class IV) is required and provided (stowed in the boat).
6. All persons sailing must have a Class 2 or Class 3 PFD on board (LTYC recommends wearing PFDs on dock).
7. This guide only provides basic information to assist in preparing the boat for sailing and storage.
8. By using LTYC boats the skipper accepts full responsibility for the boat and crew and acknowledges potential risks (including capsizing) are inherent with sailing.
9. Skipper must be trained and knowledgeable of sail boating safety and accepts full responsibility for safe operation.

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## Club Lightning L1 - Towing Hook-up

Key Step	How	Why	Reference Photo
<b>Step 1</b> <ul style="list-style-type: none"> <li>Check ball size</li> </ul>	<ul style="list-style-type: none"> <li>Stamped on ball <b>(must be 2" only)</b></li> </ul>	<ul style="list-style-type: none"> <li>2" ball fits trailer coupler correctly</li> <li>Safely tow boat</li> </ul>	
<b>Step 2</b> <ul style="list-style-type: none"> <li>Jack trailer up</li> </ul>	<ul style="list-style-type: none"> <li>Above ball height</li> <li>By turning crank</li> </ul>	<ul style="list-style-type: none"> <li>Enable ball to move under coupler</li> </ul>	
<b>Step 3</b> <ul style="list-style-type: none"> <li>Check winch</li> </ul>	<ul style="list-style-type: none"> <li>Handle pointing toward boat</li> </ul>	<ul style="list-style-type: none"> <li><b>Prevent vehicle damage from impact</b></li> </ul>	
<b>Step 4</b> <ul style="list-style-type: none"> <li>Check coupler latch lever</li> </ul>	<ul style="list-style-type: none"> <li>Flipped up to open position</li> </ul>	<ul style="list-style-type: none"> <li>Enables ball to enter coupler properly</li> </ul>	
<b>Step 5</b> <ul style="list-style-type: none"> <li>Back vehicle</li> </ul>	<ul style="list-style-type: none"> <li>Slowly to coupler</li> <li>Have spotter align ball with coupler</li> </ul>	<ul style="list-style-type: none"> <li><b>Avoid damage to vehicle</b></li> </ul>	
<b>Step 6</b> <ul style="list-style-type: none"> <li>Jack down</li> </ul>	<ul style="list-style-type: none"> <li>Coupler onto ball</li> </ul>	<ul style="list-style-type: none"> <li>Ball fully in coupler and not caught on coupler latch (underside)</li> </ul>	
<b>Step 7</b> <ul style="list-style-type: none"> <li>Secure</li> </ul>	<ul style="list-style-type: none"> <li>Flip coupler latch down</li> <li>Attach safety chains</li> <li>Insert bolt &amp; nut</li> </ul>	<ul style="list-style-type: none"> <li>Towing safety</li> </ul>	
<b>Step 8</b> <ul style="list-style-type: none"> <li>Raise jack</li> </ul>	<ul style="list-style-type: none"> <li>Crank until fully up</li> </ul>	<ul style="list-style-type: none"> <li>Prevent dragging &amp; damage</li> <li>Jack doesn't pivot up</li> </ul>	
<b>Step 9</b> <ul style="list-style-type: none"> <li>Remove chocks</li> </ul>	<ul style="list-style-type: none"> <li>Move vehicle if necessary</li> <li>Leave back chocks in place</li> <li>Extend front chocks to the sides</li> </ul>	<ul style="list-style-type: none"> <li>To free chocks</li> <li>To use front chocks as backing guides when returning boat</li> </ul>	





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## Club Lightning L1 - Cover Removal

Key Step	How	Why	Reference Photo
<b>Step 1</b> <ul style="list-style-type: none"> <li>Untie tie downs</li> </ul>	<ul style="list-style-type: none"> <li>12 places</li> </ul>	<ul style="list-style-type: none"> <li>To release cover</li> </ul>	
<b>Step 2</b> <ul style="list-style-type: none"> <li>Remove mast wrap</li> </ul>	<ul style="list-style-type: none"> <li>Stand on trailer</li> <li>Untie wrap</li> <li>Unzip</li> </ul>	<ul style="list-style-type: none"> <li>To reach cover</li> <li>To release cover</li> </ul>	
<b>Step 3</b> <ul style="list-style-type: none"> <li>Remove &amp; store cover</li> </ul>	<ul style="list-style-type: none"> <li>Place on ground behind boat</li> </ul>	<ul style="list-style-type: none"> <li><b>Prevent running over cover</b></li> </ul>	

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## Club Lightning L1 - Pre-Launch

Key Step	How	Why	Reference Photo
<b>Step 1</b> <ul style="list-style-type: none"> <li>Close bailers</li> </ul>	<ul style="list-style-type: none"> <li>Pull up</li> <li>Flip lock forward</li> </ul>	<ul style="list-style-type: none"> <li>To seal opening, <b>keep boat from sinking; also prevent damage during launch</b></li> </ul>	
<b>Step 2</b> <ul style="list-style-type: none"> <li>Check inventory</li> </ul>	<ul style="list-style-type: none"> <li>Throwable PFD</li> <li>Rudder, tiller w/ extension</li> <li>Sails: jib, main &amp; spinnaker</li> <li>Spinnaker pole</li> <li>Oar/paddle</li> </ul>	<ul style="list-style-type: none"> <li>Needed to sail</li> </ul>	
<b>Step 3</b> <ul style="list-style-type: none"> <li>Check jib halyard</li> </ul>	<ul style="list-style-type: none"> <li>Not crossed or wrapped</li> </ul>	<ul style="list-style-type: none"> <li>Proper rigging</li> </ul>	
<b>Step 4</b> <ul style="list-style-type: none"> <li>Check main halyard</li> </ul>	<ul style="list-style-type: none"> <li>Not crossed or wrapped</li> <li>Free of stays</li> </ul>	<ul style="list-style-type: none"> <li>Proper rigging</li> </ul>	
<b>Step 5</b> <ul style="list-style-type: none"> <li>Check centerboard</li> </ul>	<ul style="list-style-type: none"> <li>Fully up (top edge horizontal)</li> <li>Cleat centerboard (blue) line</li> </ul>	<ul style="list-style-type: none"> <li>Prevent catching centerboard on trailer during launch</li> <li>Prevent damage during launch</li> </ul>	
<b>Step 6</b> <ul style="list-style-type: none"> <li>Attach line</li> </ul>	<ul style="list-style-type: none"> <li>To bow</li> </ul>	<ul style="list-style-type: none"> <li>To control launched boat</li> </ul>	
<b>Step 7</b> <ul style="list-style-type: none"> <li>Check winch</li> </ul>	<ul style="list-style-type: none"> <li>Should <b>NOT</b> be pulled up tight</li> </ul>	<ul style="list-style-type: none"> <li>Bow eye may hang on trailer when stern floats</li> </ul>	
<b>Step 8</b> <ul style="list-style-type: none"> <li>Prep stern line</li> </ul>	<ul style="list-style-type: none"> <li>Tie spinnaker control line to stern</li> </ul>	<ul style="list-style-type: none"> <li>To help control boat in higher winds</li> </ul>	

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## Club Lightning L1 – Boat Launch\*

Key Step	How	Why	Reference Photo
<b>Step 1</b> <ul style="list-style-type: none"> <li>Identify target dock</li> </ul>	<ul style="list-style-type: none"> <li>By wind direction</li> <li>Available space</li> </ul>	<ul style="list-style-type: none"> <li>Easier guiding to, and departing from the leeward dock</li> </ul>	
<b>Step 2</b> <ul style="list-style-type: none"> <li>Select ramp</li> </ul>	<ul style="list-style-type: none"> <li>Choose lane based on target dock</li> </ul>	<ul style="list-style-type: none"> <li>To guide boat to dock with bow line</li> </ul>	
<b>Step 3</b> <ul style="list-style-type: none"> <li>Back straight down ramp</li> </ul>	<ul style="list-style-type: none"> <li>Stop vehicle short of water</li> <li>Back till boat floats</li> </ul>	<ul style="list-style-type: none"> <li><b>Prevent vehicle damage</b></li> <li>Access winch</li> </ul>	
<b>Step 4</b> <ul style="list-style-type: none"> <li>Launch boat</li> </ul>	<ul style="list-style-type: none"> <li>Unhook winch</li> <li>Push boat off trailer</li> <li>Tend bow line</li> <li>Tend stern line if needed</li> </ul>	<ul style="list-style-type: none"> <li>To release boat</li> <li>To guide boat to dock</li> <li><b>Avoid trip hazards, dock's horn cleats</b></li> <li>NOTE: Bow eye will hang on trailer if boat is drawn up tight to trailer</li> </ul>	
<b>Step 5</b> <ul style="list-style-type: none"> <li>Move from ramp</li> </ul>	<ul style="list-style-type: none"> <li>Once boat is clear of trailer</li> </ul>	<ul style="list-style-type: none"> <li>Free up ramp</li> <li>Courteous to others</li> </ul>	

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\*Review Jib Rigging section prior to launching.

## Club Lightning L1 - Rigging the Hull (in the Water)

Key Step	How	Why	Reference Photo
<b>Step 1</b> <ul style="list-style-type: none"> <li>Lower centerboard</li> </ul>	<ul style="list-style-type: none"> <li>Hold blue line</li> <li>Release line from cam cleat</li> <li>Feed line slowly</li> </ul>	<ul style="list-style-type: none"> <li>To lower centerboard</li> <li>Prevent banging stop</li> </ul>	
<b>Step 2</b> <ul style="list-style-type: none"> <li>Attach preventer</li> </ul>	<ul style="list-style-type: none"> <li>Raise centerboard</li> <li>Attach brummel hooks</li> </ul>	<ul style="list-style-type: none"> <li>To prevent centerboard from retracting in the event of a capsize</li> </ul>	
<b>Step 3</b> <ul style="list-style-type: none"> <li>Install rudder</li> </ul>	<ul style="list-style-type: none"> <li>Insert both rudder pintles into the receiving gudgeons</li> </ul>	<ul style="list-style-type: none"> <li>Proper rudder installation</li> </ul>	
<b>Step 4</b> <ul style="list-style-type: none"> <li>Install tiller</li> </ul>	<ul style="list-style-type: none"> <li>Under traveler</li> <li>Lift tiller to insert pin</li> </ul>	<ul style="list-style-type: none"> <li>Proper tiller installation</li> </ul>	
<b>Step 5</b> <ul style="list-style-type: none"> <li>Lock tiller pin</li> </ul>	<ul style="list-style-type: none"> <li>Install clevis pin ring into pin</li> </ul>	<ul style="list-style-type: none"> <li>To secure pin</li> </ul>	




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## Club Lightning L1 – Main Sail Rigging

Key Step	How	Why	Reference Photo
<b>Step 1</b> <ul style="list-style-type: none"> <li>Check sail</li> </ul>	<ul style="list-style-type: none"> <li>Find head</li> <li>Unfold or unroll and run hand down luff to confirm sail is not twisted</li> </ul>	<ul style="list-style-type: none"> <li>To orient sail for rigging</li> </ul>	
<b>Step 2</b> <ul style="list-style-type: none"> <li>Insert clew</li> </ul>	<ul style="list-style-type: none"> <li>Into boom groove</li> <li>At gooseneck</li> <li>Pull out to end</li> <li>Attach outhaul</li> </ul>	<ul style="list-style-type: none"> <li>Rig main sail and boom</li> </ul>	
<b>Step 3</b> <ul style="list-style-type: none"> <li>Insert tack</li> </ul>	<ul style="list-style-type: none"> <li>Into mast groove</li> <li>Pull down to gooseneck</li> </ul>	<ul style="list-style-type: none"> <li>Prepare to attach tack to gooseneck</li> <li><b>Do not attach tack yet</b></li> </ul>	
<b>Step 4</b> <ul style="list-style-type: none"> <li>Insert head</li> </ul>	<ul style="list-style-type: none"> <li>Into mast groove</li> <li>Attach main halyard</li> <li>Check sail is not twisted</li> </ul>	<ul style="list-style-type: none"> <li>Proper rigging</li> </ul>	
<b>Step 5</b> <ul style="list-style-type: none"> <li>Raise mainsail</li> </ul>	<ul style="list-style-type: none"> <li>Un-cleat main sheet</li> <li>Feed main luff into mast slot</li> <li>Hook halyard bead into cleat</li> </ul>	<ul style="list-style-type: none"> <li>To raise mainsail</li> <li><b>Be careful of boom swinging in breeze</b></li> <li>Jib halyard shown, main is similar</li> </ul>	
<b>Step 6</b> <ul style="list-style-type: none"> <li>Attach tack</li> </ul>	<ul style="list-style-type: none"> <li>To gooseneck</li> <li>Once sail is fully raised, pull down on sail</li> </ul>	<ul style="list-style-type: none"> <li>To secure tack</li> </ul>	
<b>Step 7</b> <ul style="list-style-type: none"> <li>Cunningham</li> </ul>	<ul style="list-style-type: none"> <li>None installed</li> </ul>	<ul style="list-style-type: none"> <li>Not rigged for one</li> </ul>	
<b>Step 8</b> <ul style="list-style-type: none"> <li>Boom Vang</li> </ul>	<ul style="list-style-type: none"> <li>None Installed</li> </ul>	<ul style="list-style-type: none"> <li>Boom shackle is missing</li> </ul>	

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## Club Lightning L1 - Jib Rigging\*




Key Step	How	Why	Reference Photo
<b>Step 1</b> <ul style="list-style-type: none"> <li>Attach jib tack</li> </ul>	<ul style="list-style-type: none"> <li>Attach jib luff wire to forward shackle</li> <li>Attach 2<sup>nd</sup> shackle to tack grommet</li> </ul>	<ul style="list-style-type: none"> <li>Proper rigging</li> </ul>	
<b>Step 2</b> <ul style="list-style-type: none"> <li>Attach jib</li> </ul>	<ul style="list-style-type: none"> <li>To forestay</li> <li>Start at bottom, go to top</li> </ul>	<ul style="list-style-type: none"> <li>Proper rigging</li> </ul>	
<b>Step 3</b> <ul style="list-style-type: none"> <li>Attach halyard</li> </ul>	<ul style="list-style-type: none"> <li>To jib head</li> <li>Check that halyard is not twisted around forestay</li> </ul>	<ul style="list-style-type: none"> <li>Proper rigging</li> </ul>	
<b>Step 4</b> <ul style="list-style-type: none"> <li>Feed jib sheets</li> </ul>	<ul style="list-style-type: none"> <li>Through jib blocks (fairleads)</li> <li>On each side</li> <li>Attach sheet to jib if required</li> </ul>	<ul style="list-style-type: none"> <li>Proper rigging</li> </ul>	
<b>Step 5</b> <ul style="list-style-type: none"> <li>Hoist jib</li> </ul>	<ul style="list-style-type: none"> <li>Un-cleat jib sheets if cleated</li> <li>Hook halyard bead into cleat</li> </ul>	<ul style="list-style-type: none"> <li>To hoist jib</li> </ul>	

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\*Jib may also be made ready to hoist on land, prior to launch. Perform steps 1–3 then feed and cleat one jib sheet; use the other to secure jib.






## Club Lightning L1 – Spinnaker Rigging

Key Step	How	Why	Reference Photo
<b>Step 1</b> <ul style="list-style-type: none"> <li>Check inventory</li> </ul>	<ul style="list-style-type: none"> <li>Check spinnaker is not twisted</li> <li>Spinnaker pole</li> <li>Red &amp; green control lines</li> </ul>	(No spinnaker pole as of 2/2015)	
<b>Step 2</b> <ul style="list-style-type: none"> <li>Route control line</li> </ul>	<ul style="list-style-type: none"> <li>Route green line around bow from starboard to port side</li> <li>Under hooks at side stays/shrouds</li> <li>Over bow's hook</li> <li>Cleat on port side</li> </ul>	<ul style="list-style-type: none"> <li>Proper rigging</li> </ul>	
<b>Step 3</b> <ul style="list-style-type: none"> <li>Attach control lines</li> </ul>	<ul style="list-style-type: none"> <li>Use bowline knots</li> <li>Attach green line to spinnaker's starboard corner grommet (green arrow)</li> <li>Attach red line to spinnaker's port corner grommet (red arrow)</li> </ul>	<ul style="list-style-type: none"> <li>Proper rigging</li> </ul>	
<b>Step 4</b> <ul style="list-style-type: none"> <li>Attach head</li> </ul>	<ul style="list-style-type: none"> <li>To topping Lift</li> <li>Use anchor bend knot or shackle if installed</li> <li>Orient spinnaker with colors matched</li> </ul>	<ul style="list-style-type: none"> <li>Proper rigging</li> </ul>	
<b>Step 5</b> <ul style="list-style-type: none"> <li>Check topper</li> </ul>	<ul style="list-style-type: none"> <li>For lifting spinnaker pole</li> </ul>	<ul style="list-style-type: none"> <li>Proper rigging</li> </ul>	

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## Club Lightning L1 – Lowering and Removing the Jib\*

Key Step	How	Why	Reference Photo
<b>Step 1</b> <ul style="list-style-type: none"> <li>Release halyard</li> </ul>	<ul style="list-style-type: none"> <li>At mast cleat</li> <li>Feed wire through slot in mast</li> </ul>	<ul style="list-style-type: none"> <li>To lower jib</li> </ul>	
<b>Step 2</b> <ul style="list-style-type: none"> <li>Collect jib</li> </ul>	<ul style="list-style-type: none"> <li>Loose folds</li> <li><b>Do not step on jib</b></li> </ul>	<ul style="list-style-type: none"> <li>Keep dry</li> <li><b>SLIP hazard</b></li> </ul>	
<b>Step 3</b> <ul style="list-style-type: none"> <li>Secure halyard</li> </ul>	<ul style="list-style-type: none"> <li>Remove shackle from jib head</li> <li>Secure shackle to mast eye</li> <li>Tighten halyard &amp; cleat</li> </ul>	<ul style="list-style-type: none"> <li>To release jib</li> <li>To secure halyard</li> <li><b>Prevent halyard shackle from going to top of mast</b></li> </ul>	
<b>Step 4</b> <ul style="list-style-type: none"> <li>Remove jib from forestay</li> </ul>	<ul style="list-style-type: none"> <li>Unsnap button snaps</li> </ul>	<ul style="list-style-type: none"> <li>To release jib from forestay</li> </ul>	
<b>Step 5</b> <ul style="list-style-type: none"> <li>Unshackle tack</li> </ul>	<ul style="list-style-type: none"> <li>2 shackles from bow</li> </ul>	<ul style="list-style-type: none"> <li>To release jib tack</li> </ul>	
<b>Step 6</b> <ul style="list-style-type: none"> <li>Untie jib sheets</li> </ul>	<ul style="list-style-type: none"> <li>Untie (2) ends' figure 8 knots</li> <li>Leave sheets attached to Jib</li> </ul>	<ul style="list-style-type: none"> <li>To free sheets</li> </ul>	
<b>Step 7</b> <ul style="list-style-type: none"> <li><b>Fold jib</b></li> </ul>	<ul style="list-style-type: none"> <li><b>If dry</b></li> <li>Flake, roll or accordion fold</li> <li>Folding on lawn or boat, start at foot</li> <li>Rolling, start at head</li> <li>Keep leech straight</li> <li>Keep battens flat</li> </ul>	<ul style="list-style-type: none"> <li><b>To prevent mildew damage</b></li> <li>Proper folding or rolling techniques</li> </ul>	
<b>Step 8</b> <ul style="list-style-type: none"> <li>Stow in boat</li> </ul>	<ul style="list-style-type: none"> <li>Off the floor</li> </ul>	<ul style="list-style-type: none"> <li>To keep dry</li> </ul>	

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\*When boat will be left in water, perform steps 4–8 on water. If not, perform steps 4–8 with boat on trailer and trailer coupled to tow vehicle.

## Club Lightning L1 – Lowering and Removing the Mainsail

Key Step	How	Why	Reference Photo
<b>Step 1</b> <ul style="list-style-type: none"> <li>Drop mainsail</li> </ul>	<ul style="list-style-type: none"> <li>Place cushion (PFD) on rear deck</li> <li>Pull in boom</li> <li>Release halyard</li> </ul>	<ul style="list-style-type: none"> <li>To catch boom when it drops</li> </ul>	
<b>Step 2</b> <ul style="list-style-type: none"> <li>Disconnect halyard</li> </ul>	<ul style="list-style-type: none"> <li>From main head</li> <li>Unscrew shackle pin</li> </ul>	<ul style="list-style-type: none"> <li>To release main from halyard</li> </ul>	
<b>Step 3</b> <ul style="list-style-type: none"> <li>Secure halyard</li> </ul>	<ul style="list-style-type: none"> <li>Shackle to mast eye</li> <li>Tighten halyard &amp; cleat</li> </ul>	<ul style="list-style-type: none"> <li>To secure halyard</li> <li>Prevent halyard shackle going to top of the mast</li> </ul>	
<b>Step 4</b> <ul style="list-style-type: none"> <li>Remove mainsail from mast</li> </ul>	<ul style="list-style-type: none"> <li>Unshackle from gooseneck</li> <li>Feed leech out of mast track</li> <li>Lift tack from mast track</li> </ul>	<ul style="list-style-type: none"> <li>Remove main sail from mast</li> </ul>	
<b>Step 5</b> <ul style="list-style-type: none"> <li>Release outhaul</li> </ul>	<ul style="list-style-type: none"> <li>Unshackle from clew</li> <li>Attach outhaul shackle to backstay</li> <li>Secure to horn cleat</li> </ul>	<ul style="list-style-type: none"> <li>To secure outhaul</li> </ul>	
<b>Step 6</b> <ul style="list-style-type: none"> <li>Level boom</li> </ul>	<ul style="list-style-type: none"> <li>Adjust outhaul &amp; cleat</li> </ul>	<ul style="list-style-type: none"> <li>To level boom for cover support</li> </ul>	
<b>Step 7</b> <ul style="list-style-type: none"> <li>Roll sail</li> </ul>	<ul style="list-style-type: none"> <li>Without wrinkles</li> <li>Keep roll straight with luff &amp; battens</li> </ul>	<ul style="list-style-type: none"> <li>Proper technique to prevent damage</li> </ul>	
<b>Step 8</b> <ul style="list-style-type: none"> <li>Remove mainsail</li> </ul>	<ul style="list-style-type: none"> <li>From boom</li> <li>Slide sail foot out of boom track</li> <li>Tie loosely with straps</li> <li>Stow on boat bench</li> <li>Keep sail dry</li> </ul>	<ul style="list-style-type: none"> <li>Proper technique to prevent damage</li> <li>To prevent mildew damage</li> </ul>	

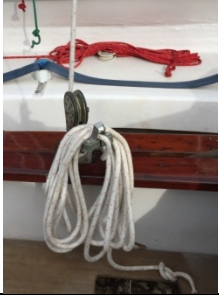

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## Club Lightning L1 – Spinnaker Folding

Key Step	How	Why	Reference Photo
<b>Step 1</b> <ul style="list-style-type: none"> <li>Layout</li> </ul>	<ul style="list-style-type: none"> <li>On lawn</li> <li>Position head at top</li> <li>Starboard corner on right (green arrow)</li> <li>Port corner on left (red arrow)</li> </ul>	<ul style="list-style-type: none"> <li>Orient spinnaker for folding</li> <li>Sails must be dry prior to folding, rolling or storing</li> </ul>	
<b>Step 2</b> <ul style="list-style-type: none"> <li>1<sup>st</sup> fold</li> </ul>	<ul style="list-style-type: none"> <li>Fold head down between starboard and port corners</li> </ul>	<ul style="list-style-type: none"> <li>Enables deployment from bag</li> </ul>	
<b>Step 3</b> <ul style="list-style-type: none"> <li>Bring sides in</li> </ul>	<ul style="list-style-type: none"> <li>Keep sail from twisting or wrapping</li> <li>Keep starboard and port grommets visible</li> </ul>	<ul style="list-style-type: none"> <li>Enables deployment from bag</li> </ul>	
<b>Step 4</b> <ul style="list-style-type: none"> <li>Roll spinnaker</li> </ul>	<ul style="list-style-type: none"> <li>Loosely from fold to grommets</li> <li>Bring in sides as it is rolled</li> </ul>	<ul style="list-style-type: none"> <li>Enables deployment from bag</li> </ul>	
<b>Step 6</b> <ul style="list-style-type: none"> <li>Insert into bag</li> </ul>	<ul style="list-style-type: none"> <li>Keeping grommets out till last</li> <li>Maintain orientation</li> </ul>	<ul style="list-style-type: none"> <li>Enables deployment from bag</li> </ul>	
<b>Step 6</b> <ul style="list-style-type: none"> <li>Stow in boat</li> </ul>	<ul style="list-style-type: none"> <li>Off of floor</li> </ul>	<ul style="list-style-type: none"> <li>To help keep dry</li> <li>To prevent mildew damage</li> </ul>	

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## Club Lightning L1 - De-Rigging the Hull

Key Step	How	Why	Reference Photo
<b>Step 1</b> <ul style="list-style-type: none"> <li>Tighten main sheet</li> </ul>	<ul style="list-style-type: none"> <li>Secure in cleat</li> <li>Coil &amp; loop over main block</li> </ul>	<ul style="list-style-type: none"> <li>Shipshape for next user</li> </ul>	
<b>Step 2</b> <ul style="list-style-type: none"> <li>Retract spinnaker lines</li> </ul>	<ul style="list-style-type: none"> <li>Into boat</li> <li>Coil and stow on bench</li> </ul>	<ul style="list-style-type: none"> <li>Protects spinnaker control lines from UV</li> <li>Bow is not covered</li> </ul>	
<b>Step 3</b> <ul style="list-style-type: none"> <li>Remove tiller</li> </ul>	<ul style="list-style-type: none"> <li>Pull clevis ring &amp; pin</li> <li>Stow on bench</li> </ul>	<ul style="list-style-type: none"> <li>Release from rudder</li> </ul>	
<b>Step 4</b> <ul style="list-style-type: none"> <li>Remove rudder</li> </ul>	<ul style="list-style-type: none"> <li>Work back and forth while lifting</li> <li>Stow on aft bench</li> </ul>	<ul style="list-style-type: none"> <li>Prevent damage during loading onto trailer</li> </ul>	
<b>Step 5</b> <ul style="list-style-type: none"> <li>Raise centerboard</li> </ul>	<ul style="list-style-type: none"> <li>Release preventer</li> <li>Pull line till full up &amp; cleat</li> </ul>	<ul style="list-style-type: none"> <li>Prevent damage during loading onto trailer</li> </ul>	
<b>Step 6</b> <ul style="list-style-type: none"> <li>Check lines</li> </ul>	<ul style="list-style-type: none"> <li>Coiled and stored off of floor</li> </ul>	<ul style="list-style-type: none"> <li>Help keep lines dry</li> </ul>	

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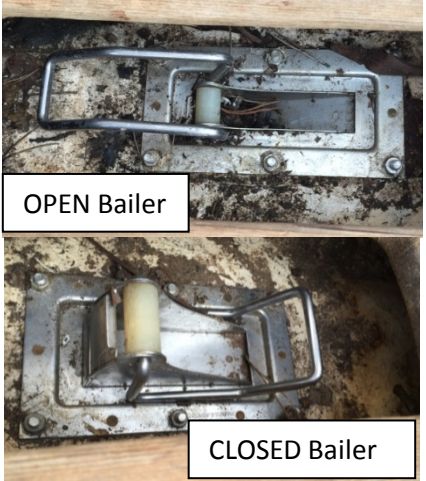




## Club Lightning L1 - Loading onto Trailer

Key Step	How	Why	Reference Photo
<b>Step 1</b> <ul style="list-style-type: none"> <li>Attach line</li> </ul>	<ul style="list-style-type: none"> <li>To bow</li> <li>To stern if needed for higher winds</li> </ul>	<ul style="list-style-type: none"> <li>To guide boat</li> </ul>	
<b>Step 2</b> <ul style="list-style-type: none"> <li>Position trailer</li> </ul>	<ul style="list-style-type: none"> <li>Back trailer down ramp</li> </ul>	<ul style="list-style-type: none"> <li>For loading</li> </ul>	
<b>Step 3</b> <ul style="list-style-type: none"> <li>Load boat</li> </ul>	<ul style="list-style-type: none"> <li>Onto trailer</li> <li>Guide with bow line</li> <li>Winch boat up onto trailer</li> </ul>	<ul style="list-style-type: none"> <li>Prepare to move to lot</li> </ul>	
<b>Step 4</b> <ul style="list-style-type: none"> <li>Stow sails</li> </ul>	<ul style="list-style-type: none"> <li>If not in boat (on lawn)</li> </ul>	<ul style="list-style-type: none"> <li>Prevent separation and loss</li> </ul>	
<b>Step 5</b> <ul style="list-style-type: none"> <li>Clear lines</li> </ul>	<ul style="list-style-type: none"> <li>Remove bow &amp; stern lines</li> </ul>	<ul style="list-style-type: none"> <li>Prevent lines from being run over &amp; damaged</li> </ul>	
<b>Step 6</b> <ul style="list-style-type: none"> <li>Return to storage</li> </ul>	<ul style="list-style-type: none"> <li>Use buddy or chocks to guide boat back to stored location</li> </ul>	<ul style="list-style-type: none"> <li>Return to same location</li> </ul>	
<b>Step 7</b> <ul style="list-style-type: none"> <li>Chock wheels</li> </ul>	<ul style="list-style-type: none"> <li>Front &amp; back</li> </ul>	<ul style="list-style-type: none"> <li>To secure boat &amp; trailer</li> </ul>	

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## Club Lightning L1 – Storing Details

Key Step	How	Why	Reference Photo
<b>Step 1</b> <ul style="list-style-type: none"> <li>Keep hitched</li> </ul>	<ul style="list-style-type: none"> <li>Until done working in boat or on trailer</li> </ul>	<ul style="list-style-type: none"> <li>Prevents trailer tipping up</li> </ul>	
<b>Step 2</b> <ul style="list-style-type: none"> <li>Open bailers</li> </ul>	<ul style="list-style-type: none"> <li>Pull back and push down</li> <li>OPEN (2) bailers</li> </ul>	<ul style="list-style-type: none"> <li>To allow water to drain out during storage</li> </ul>	
<b>Step 3</b> <ul style="list-style-type: none"> <li>Check inventory</li> </ul>	<ul style="list-style-type: none"> <li>Lines coiled &amp; protected from UV</li> <li>All items off of floor</li> <li>Sails, tiller, rudder, paddle, PFD are stowed</li> </ul>	<ul style="list-style-type: none"> <li>Boat shipshape, ready for next user</li> <li>Protect lines from UV</li> <li>Help keep items dry</li> </ul>	
<b>Step 4</b> <ul style="list-style-type: none"> <li>Install cover</li> </ul>	<ul style="list-style-type: none"> <li>Over boom</li> <li>Zippered &amp; tied at mast</li> <li>Tie downs secured</li> <li>Yellow tag at stern, starboard corner</li> </ul>	<ul style="list-style-type: none"> <li>Proper protection for contents</li> </ul>	
<b>Step 5</b> <ul style="list-style-type: none"> <li>Unhitch</li> </ul>	<ul style="list-style-type: none"> <li>From tow vehicle</li> <li>Return bolt to coupler latch</li> <li>Unhook chains</li> </ul>	<ul style="list-style-type: none"> <li>Ready for next user</li> </ul>	
<b>Step 6</b> <ul style="list-style-type: none"> <li>Level boat</li> </ul>	<ul style="list-style-type: none"> <li>Use tongue jack</li> <li>Do not store with bow raised</li> </ul>	<ul style="list-style-type: none"> <li>Allows rain water to drain out thru bailers</li> </ul>	

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