

# "The DockSider"<sup>TM</sup>

Patented

## Assembly, Installation, Setup, and Operating Instruction



### - Dock Surface Mount Models; Series 100 -

- Holds Kayaks up to 100 pounds. SS Model - 110 pounds.
- For Docks with Wood or Composite Wood Decking Only.
- Will not mount to Docks with Aluminum or Plastic Decking.
- Mounts to the Top of Your Dock, underside need not be accessible.
- Tools are required (Drill with 1/2 drill bit) for initial installation.

**Some  
Assembly  
Required**

#### A Kayak Storage Rack for Your Dock

##### Model DS100 - Dockside Operation

- Operates from the Dockside Only.
- Holds your Kayak 5 to 9 inches below the dock surface.
- Accommodates Freeboard (Dock Surface to Water Level) height up to 30 inches.

##### Model DS 100 SS - Stainless Steel Dockside Operation

##### Model WS100 - Waterside Operation

- Operates from the Waterside Only.
- Holds your Kayak 5 to 17 inches below the dock surface.
- Accommodates Freeboard (Dock Surface to Water Level) height up to 36 inches.

**Please read these instructions carefully before using this product and save this manual for future use.**

For assistance, please call: 585 - 734 - 7374

Or send email to: [info@DockCraft.com](mailto:info@DockCraft.com)

**DockCraft Industries LLC<sup>SM</sup>  
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## IMPORTANT SAFEGUARDS

1. **READ ALL INSTRUCTIONS BEFORE USING THE “The DockSider”™.**
2. The intended use of the product is to store a kayak on the side of a boat dock. Do not use this product for other than its intended use.
3. The maximum weight of Kayak to be racked in “The DockSider”™ shall not exceed 100 pounds.
4. “The DockSider”™ is not intended for Salt Water applications; exception is the stainless steel model.
5. Kayaks **should not** contain more than one quarter inch (1/4”) of water inside when storing in the “The DockSider”™. Product Damage could result to the “The DockSider”™ if this is not followed and the Warranty will be voided. If your Kayak contains excess amounts of water (capsized or other), roll kayak over to empty.
6. To ensure proper use, do not attempt to modify this product in any manner. Please refer to the manual if questions arise.
7. If further assistance is needed, please contact DockCraft Industries prior to use of this product.
8. Do not allow children or adults to lean on, play on, around, or with the “The DockSider”™ while a kayak is loaded or unloaded. Serious injury and damage to product, docks, and people could result if this warning is not followed.
9. Store only one kayak per “The DockSider”™.
10. If the DockSider is not working properly, please contact DockCraft Industries immediately for assistance.
11. Do not enter or exit your Kayak when your kayak is engaged within “The DockSider” ; in the loading or storage position.
12. Do not install your Kayak Storage Rack such that “The DockSider” is near or in contact with any electrical or Dock Structural components.

## Limited Warranty

### What does your warranty cover?

- Any defect in materials or workmanship when used for the intended purpose of storing kayaks on the side of a boat dock under normal use and conditions.
- The warranty is limited to the original purchaser.

For how long after the original purchase?

- One year

### What will we do?

- Provide you with a replacement part at no charge for any part found defective in materials or workmanship.

### How do you make a warranty claim?

- Please contact DockCraft Industries for a Return Material Authorization (RMA) number before returning items. A shipping address will be provided at that time.

### What does your warranty not cover?

- Damage from failures that occur as a result of improper assembly, failure to properly adjust and operate, misuse or neglect of product's intended purpose.
- Product which has been modified in any manner.
- Safeguards are not followed
- The warranty is not valid if you are not the original purchaser.

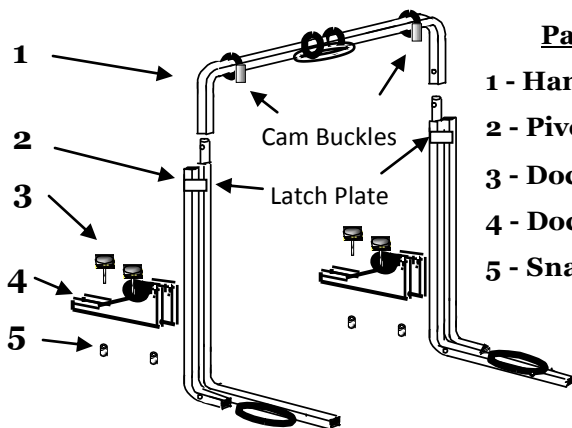
## "The DockSider"<sup>TM</sup> PARTS LIST - **Dock Surface Mount Models; Series 100**

Remove all parts from the box and remove the dock mount from the pivot lateral by unwrapping the security strap.

If any parts are missing from the package (in type or quantity), do not assemble and contact DockCraft Industries immediately.

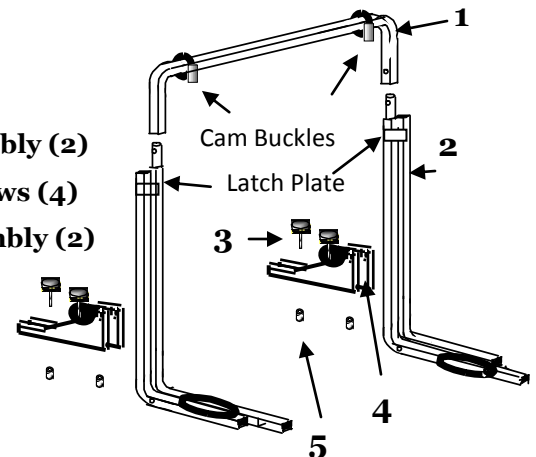
### Model DS100 -

#### Dockside Operation



### Model WS100 -

#### Waterside Operation



# Assembly Instructions

## Attach Cradle Handle :

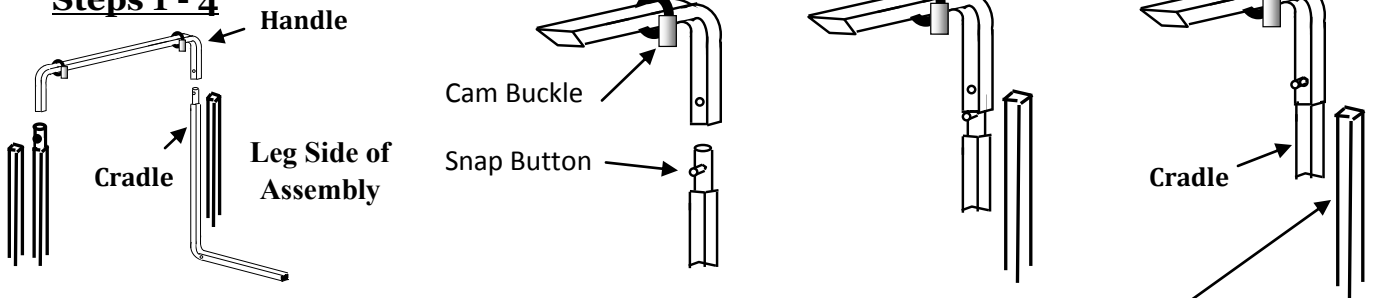
- 1 - Position Handle over Pivot Lateral Cradle Assembly.
- 2 - Depress Snap Button on Pivot Lateral Cradle Assembly.
- 3 - Slide the Handle extension over tube and Snap Button.

**Note :**  
**Handle should be inside the Pivot Laterals after assembly.**

**Note: Cam Buckle Lever should be upward on the leg side of the Pivot Lateral Cradle Assembly**

- 4 - Seat Handle until Snap Button pops through the Handle hole.
- 5 - Repeat process for the other Pivot Lateral Cradle Assembly

### Steps 1 - 4

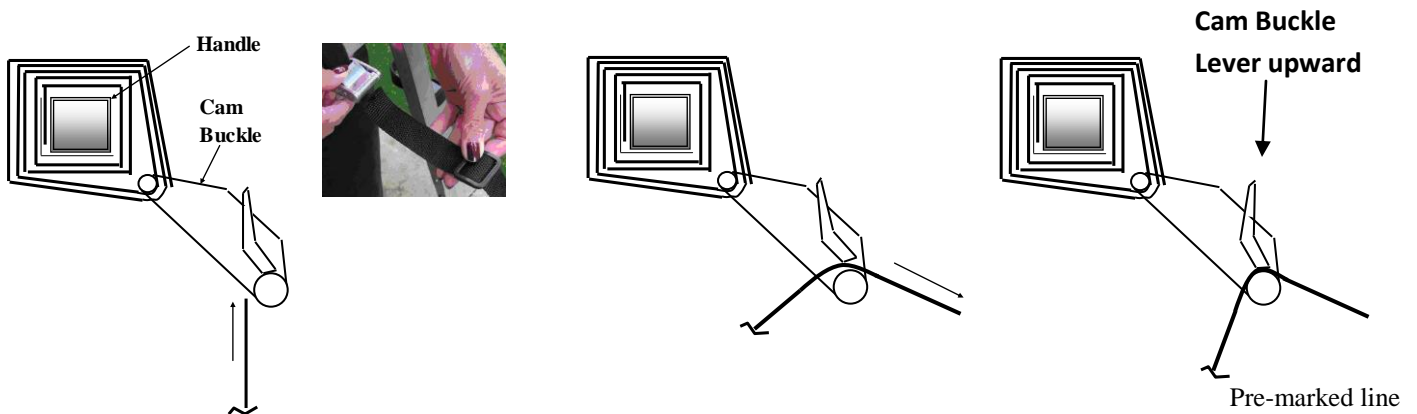


**Note:**  
**Pivot Lateral is on the outside on both sides**

## Thread Webbing through Cam Buckle :

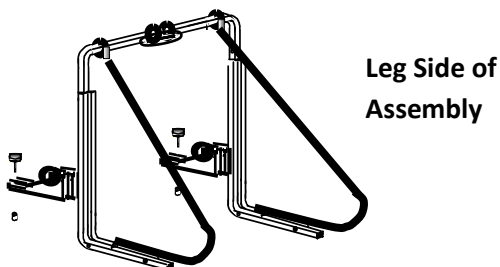
- 6 - Obtain one of the Cam Buckles and Depress Lever
- 7 - Thread Webbing through opening in the Cam Buckle  
 Ensure that the Single Bar on the Web Keeper is positioned as shown.
- 8 - Pull webbing through the Cam Buckle until the pre-marked line is in position with the cam buckle.
- 9 - Repeat Steps 6 - 8 to thread the webbing through the other Cam Buckle

### Steps 6 - 8

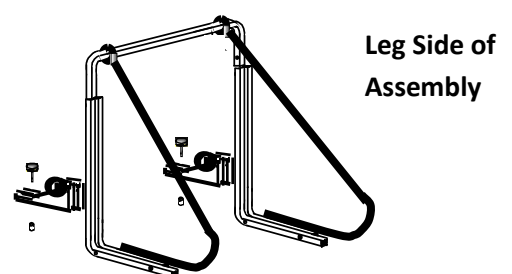


## Completed Assemblies

### Dockside Operation Model - DS100



### Waterside Operation Model - WS100

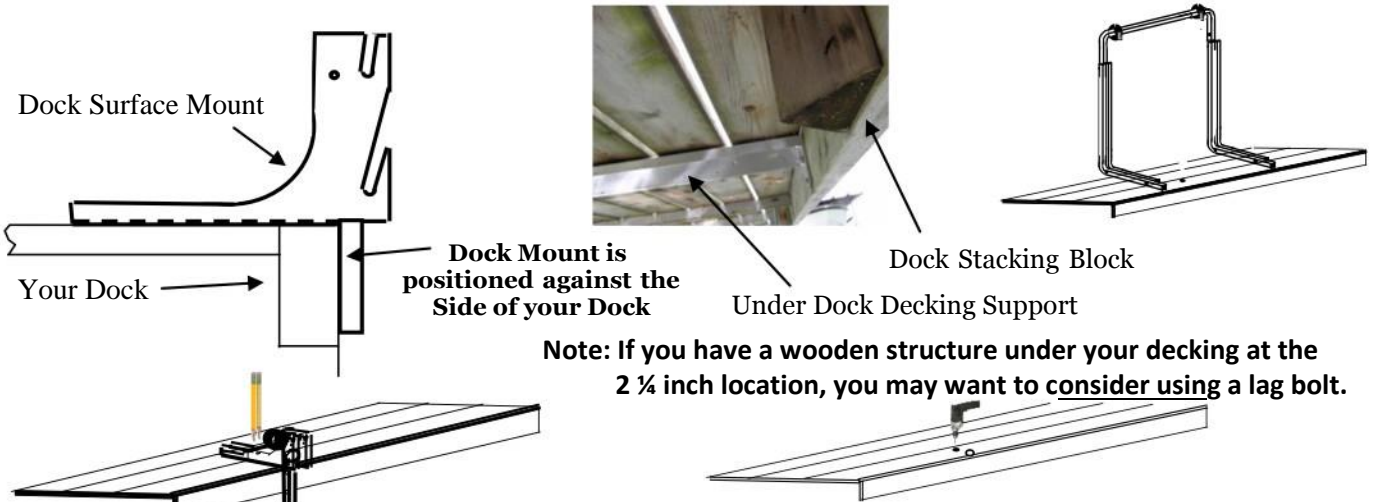


# Installation Procedure for Your - Series 100 Docksider

- 1 - Select a position on your dock where you choose to mount your Kayak Storage Rack.  
Ensure there are not any electrical or structural components in the area.
- 2 - It is recommended that the Docksider is mounted on 1 section of your dock.
- 3 - Make sure the wood on your dock is solid (not cracked or rotting) at the installation position.
- 4 - Ensure there are no obstructions above or below your dock.
- 5 - Place one Dock Mount on your Dock and position as shown below
- 6 - Install

**Note :**  
**Dock Mounts are approximately 32 inches apart**

## Series 100 - Dock Surface Mount Under Dock Obstructions Determine Install Position

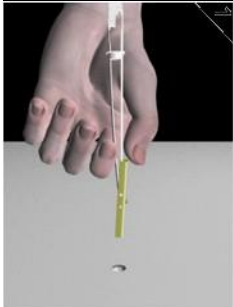


At the install position align Dock Mount as shown above  
With a pencil scribe the hole locations (2) on dock surface  
While the dock mount is positioned as shown above

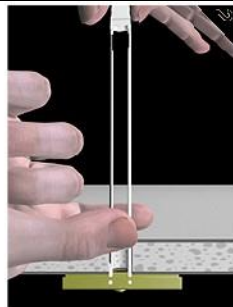
Drill 1/2 diameter holes through Dock Decking Surface  
Ensure there are not any electrical or structural components near the hole you are drilling. Also check 29 inches away where you will mount the second Dock Surface Mount

### Install the TOGLER® brand SNAPTOGGLE® anchor \*

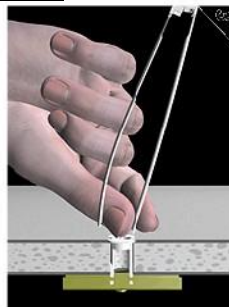
### Secure Dock Surface Mount to Dock



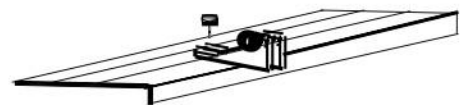
Hold metal channel flat alongside plastic straps and slide channel through hole. Minimum clearance behind wall: 1-7/8"



Hold ends of straps between thumb and forefinger and pull toward you until channel rests flush behind decking. Slide plastic cap along straps with other hand until flange of cap is flush with decking.



Snap straps at wall by pushing side to side, snapping off straps level with flange of cap.

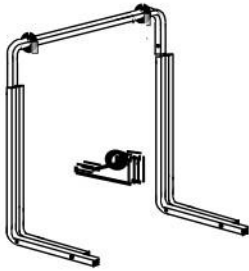


Secure Dock Surface Mount with washers and 1/4 - 20 screws provided (2)  
Use 7/16 wrench or socket.

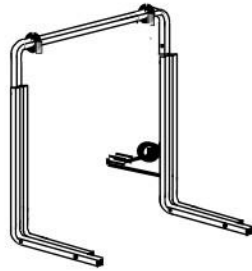
\* "U.S. Patent no. 6,161,999 and foreign counterparts thereof. Other patents pending. TOGLER & typeface and SNAPTOGGLE are worldwide registered trademarks of Mechanical Plastics Corp."

## Installation - Continued

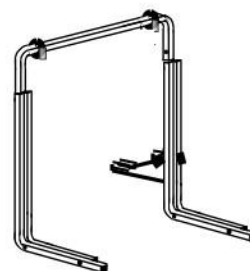
7 - Mount the second Dock Mount to the Pivot Lateral of the Cradle Assembly



Align the 2nd Dock Mount to the Cradle



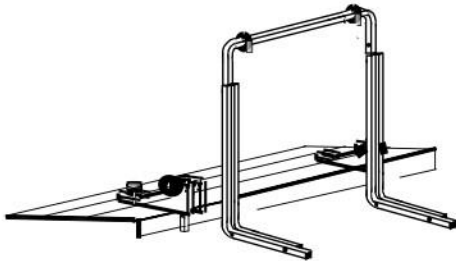
Engage the pin on the Pivot Lateral with the top slot of the Dock Mount and seat



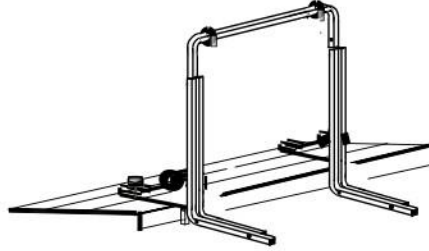
Wrap the Safety Strap "tightly" around the Pivot Lateral and Dock Mount

8 - Install the second Dock Mount on the Dock Surface

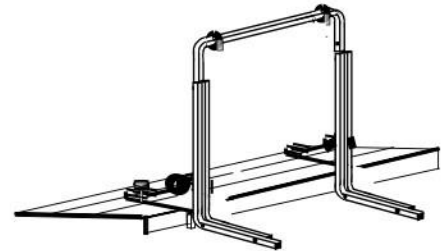
**Note:** Head of pin and retaining clip to be on outside surfaces of Dock Mount.



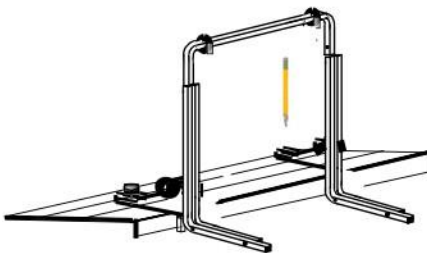
Align Cradle Assembly with The installed Dock Mount



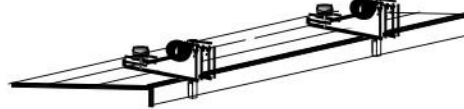
Engage the pin on the Pivot Lateral in the top slot of the installed Dock Mount and seat.



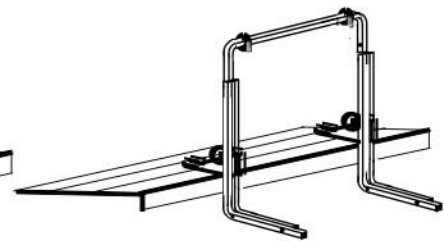
Position the Uninstalled Dock Mount against the Dock side board.



Scribe hole locations with a pencil Remove Cradle and Dock Mount and set aside. Drill hole per step #6



Remove Cradle and Dock Mount unwrap the safety strap and install 2<sup>nd</sup> Dock Surface Mount per step #6

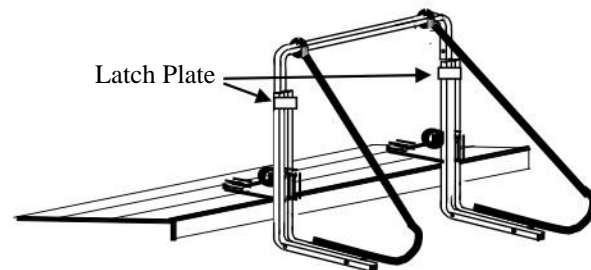


Engage the pins on the Pivot Laterals with the top slot of the Dock Mounts and seat. Note, rotate the Latch Plate, to prevent the cradle from rotating into the water.

### DS100 and WS100



Safety Straps



Latch Plate

Tightly Wrap Safety Strap around Pivot Lateral and Dock Mount

**Installation is Complete and you are now ready for the Final Adjustments**

## SETUP of "The DockSider"™

Now that the installation is complete, it is now time to SETUP your Kayak Rack to "fit" your Kayak.

### Kayak Storage Rack to Water Level Adjustment:

- 1 - As a result of the installation procedure, the tube of the Cradle extending out over the water should be approximately 5 inches below the top surface of your dock.
- 2 - If the distance between the top of your dock to the water is between 10 and 22 inches; then "tightly" wrap the security straps around the dock mount and the pivot lateral leaving the cradle free to rotate. Check to insure the screws are securely tightened.
- 3 - If the distance between the top of your dock to the water is greater than 22; then engage the pin on the pivot lateral in the lower slot of the dock mount. Then "tightly" wrap the security straps around the dock mount and the pivot lateral leaving the cradle free to rotate. Check to insure the hand knobs are securely tightened.

Notes:

- If your Water Level Adjustment is setup per step 2 and your water level lowers creating a difficult fit of your kayak when loading, readjust this adjustment per step #3.
- For Waterside models, remove retaining clip pull pin and reinsert in upper hole and reinsert retaining pin for water to dock height greater than 30 inches.

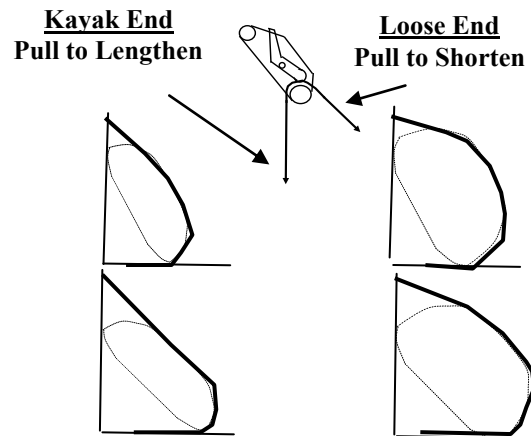
### Webbing Length Adjustment :

As a result of the assembly procedure, the mark on the webbing should be located at the cam buckle.

This setting is a nominal setting for kayaks with a width of 27 to 29 inches. Based on the width and contour of your kayak, this setting may vary. When loading, with the kayak in the water, the handle should be a couple of inches above the outside edge of the kayak.

**This setting is for 2 purposes:**

- 1 - To accommodate the size and contour of your Kayak
- 2 - To allow your Kayak to sit at an angle to minimize rain entering the Kayak and therefore collect in the cockpit

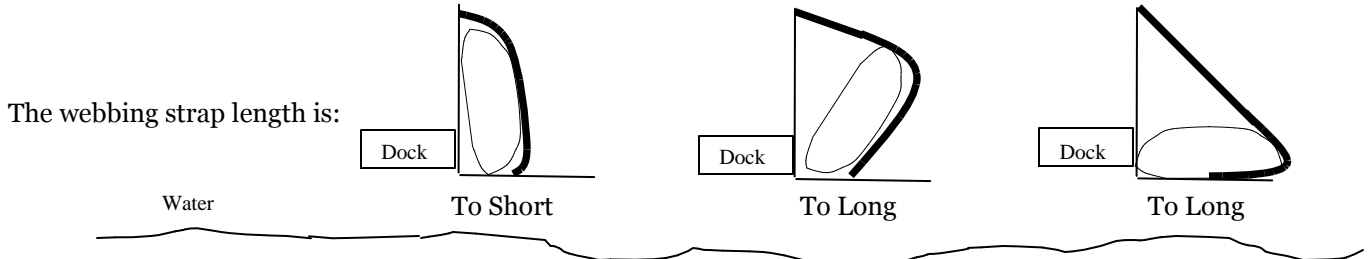


- 3 - Load your Kayak into your rack and rotate to the Kayak Storage Position by:
  - a: Rotating the Cradle toward the water such that the handle is parallel with the water. With the Dockside Operation model do this using the tether strap. With the Waterside Operation model do this by standing in the water centering yourself to the rack, grasping the handle and rotating toward you.
  - b: Floating your kayak into the rack (between the handle and the webbing) such that the front of the cockpit seat is centered in the cradle.
  - c: Lift your kayak just out of the water. If your kayak wants to lean to the right or left, check the straps to see if there is an excessive amount of strap on the side that's leaning, if so shorten. Also you may want to adjust the position of the kayak in the rack. If the lean is to the left, reposition the kayak slightly to the right to have the center of gravity positioned between the straps. Reposition the kayak to the left if the lean is to the right. By holding the handle with both hands, you can "Feel" if there is more weight on one side versus the other. Remember this positioning for normal operation.

**Setup - Webbing Length Adjustment - continued**

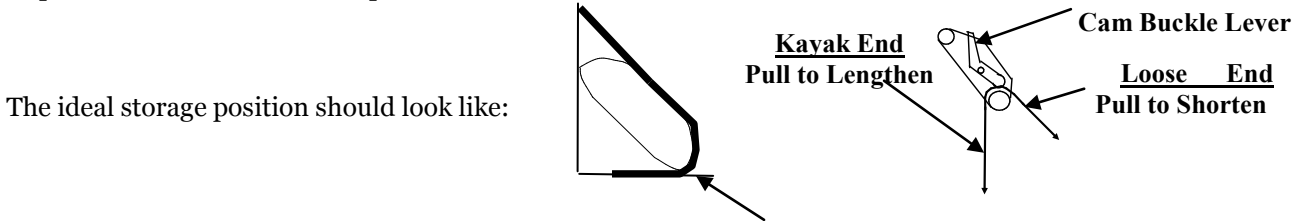
d: Grasp the center of the cradle or use tether strap and SLOWLY rotate the handle to the Cradle / Kayak storage position. Rotate SLOWLY, to understand the “feel” of the lift when your kayak rotates toward the Dock. As the Kayak starts to rotate, grasp the top of your Kayak and guide to its storage position. On the Dockside Operation model, rotate Latch Plates (both sides) into position to maintain the position of the Kayak and Rack.

If your Kayak in it’s storage position looks like :



Note: If the dock surface to water height is between 10 and 15 inches, the figure above on the left maybe the best that can be achieved with the contour of your kayak.

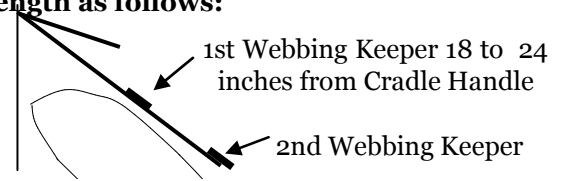
To adjust the Length of the webbing straps:  
Depress Cam Buckle lever and pull in the direction shown



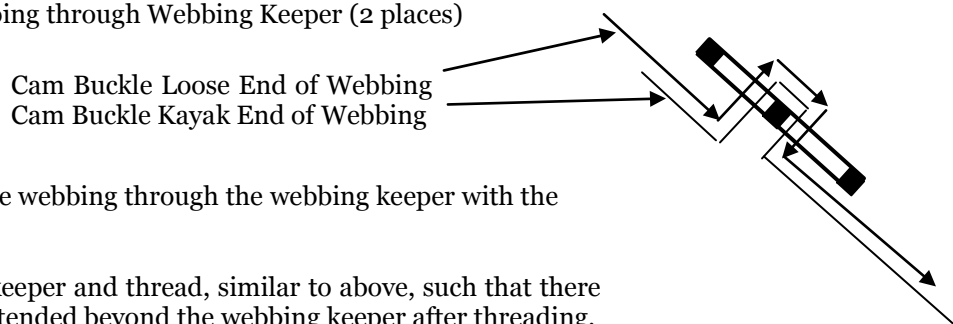
The ideal storage position should look like:  
Never adjust such that the bottom of your Kayak is closer than 2 inches from the end of the cradle.  
Note: the closer the kayak is to the end of the cradle, the greater the reach of operation.  
Suggestion: If the Webbing length is to short, lengthen significantly.  
Manually, position your kayak at the desired angle, and then tighten straps by shortening.

**Now that the webbing length is set, Secure Loose end of webbing length as follows:**

Position the 1st Webbing Keeper approximately 18 to 24 inches down from the cradle handle; on each web strap.



Thread the loose end of webbing through Webbing Keeper (2 places)



Note:  
It is much easier to thread the webbing through the webbing keeper with the Kayak out of the Kayak Rack.

Reposition the 2<sup>nd</sup> webbing keeper and thread, similar to above, such that there is 1 to 3 inches of webbing extended beyond the webbing keeper after threading.

Reload your Kayak , and rotate your kayak into its storage position.  
You may place your Paddle in the loop between the handle and the 1<sup>st</sup> webbing keeper.



The Setup of “The DockSider”™ is now Complete.  
**Operating Instructions**

**To UNLOAD:** Note, if your paddle is stored in your Kayak Rack, remove your paddle first and set aside.

Dockside Operating Models

- 1 - Before unloading, check to Ensure that there are no objects or people in the path of the kayak when rotated toward the water.
- 2 - Standing on the Dock, grasp the tether cord in one hand and then grasp the center of the handle.
- 3 - Rotate the Latch Plates on both Pivot Laterals 90 degrees counterclockwise. Note: Securely hold the handle as the Latch Plates are rotated out of the way, the weight of the Kayak will cause the Kayak Rack to want to rotate toward the water.
- 4 - Firmly holding the tether cord, slowly lower the kayak into the water, by releasing (hand over hand) the length of the tether cord until your kayak is in the water.
- 5 - Secure the end of the tether cord that is left in your hand around one of the pivot laterals such that you may float your kayak out of the rack.
- 6 - Float your kayak completely out of the rack and then pull on the tether cord, to lift the cradle back into the storage position.
- 7 - Rotate one of the Latch Plates back into its holding position such that the cradle will not rotate back into the water when released.
- 8 - Enter your Kayak ensuring you are clear of the rack, Grab your paddle and start your voyage.

Waterside Operating Models

- 1 - Use caution when lowering your kayak as your kayak will be rotating to the water toward you. Ensure you are physically fit to manage the weight of lowering your kayak and that there are not any obstacles in the water that would cause you to trip.
- 2 - Stand in the water and center yourself with the length of the kayak rack.
- 3 - Release the Latch Plates by rotating both 90 degrees clockwise.
- 4 - Grasp the center of the cradle handle with both hands and slowly lower your kayak into the water.
- 5 - Float your kayak completely out of the rack and rotate the cradle back into its storage position.
- 6 - Rotate one of the Latch Plates back into position such that the cradle will not Rotate back toward the water.
- 7 - Enter your kayak ensuring you are clear of the rack, grab your paddle and start your voyage

**To Load and Store:**

Dockside Operating Models

- 1 - Exit your kayak assuring you are clear of kayak rack.
- 2 - Release the Latch Plates and lower the cradle.
- 3 - Secure tether strap to the Pivot Lateral such that your kayak will float into your rack between the handle and the lifting webbing.

Waterside Operating Models

- 1 - Exit your kayak assuring you are clear of the the kayak rack.
- 2 - Release the Latch Plates and lower the cradle.
- 3 - Position the cradle such that your kayak will float into your rack between the handle and the lifting webbing.

- |  |  |
|--|--|
| <p>4 - Float your kayak into the rack and position as determined in step 3c of the webbing length adjustment (page 7).</p> <p>5 - Grasp the tether strap and slowly lift / rotate your kayak and rack into its storage position.</p> <p>6 - Grasp the handle of your rack, holding it in its storage position.</p> <p>7 - Rotate the Latch Plates into position such that your kayak will not rotate back into the water.</p> <p>8 - Release your hand from the cradle handle and secure the tether cord to a pivot lateral or the handle with a simple overhand knot.</p> <p>9 - If you choose, store your paddle between the webbing under the cam buckle.</p> | <p>4 - Float your kayak into the rack and position as in determined in step 3c of the webbing length adjustment (page 7).</p> <p>5 - Grasp the center of the handle and slowly lift / rotate your kayak into its storage position.</p> <p>6 - Rotate the Latch Plates into position such that your kayak does not accidentally rotate back into the water.</p> <p>7 - If you choose, store your paddle between the webbing under the cam buckle.</p> |
|--|--|

You're DONE - just Load / Latch / and walk away!



**WE SINCERLY HOPE YOU ENJOY THE CONVENIENCE OF**

**“The DockSider”™**

For assistance, please call: 585 - 734 - 7374  
 Or send email to: [info@DockCraft.com](mailto:info@DockCraft.com)

**DockCraft Industries LLC <sup>SM</sup>**

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