

Instruction Sheet

Product
Cantilever Boat Lifts
1200LB - 6000LB

Element Name:
Adjust Bunk Location under boat
(If required)

- Base
- With
- Less

Date Purchased: _____

Author: JBC

Size of lift: _____

Date Modified: March 10, 2011



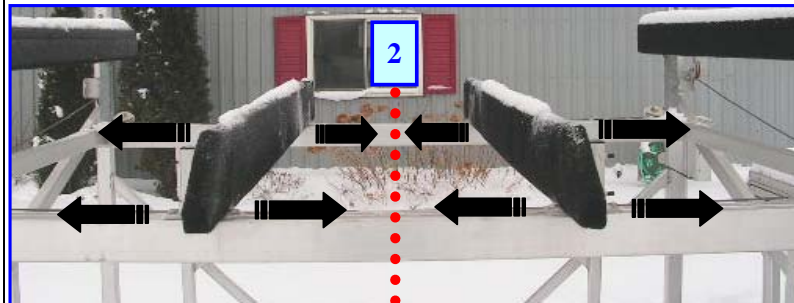
REAR OF LIFT



Ski boat with fins and center shaft



FRONT OF LIFT

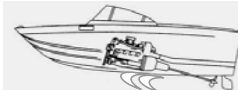


#	What to do!	How to do it!	Why you do it!	Completed
1	<p>Check the location of the boat on the bunks (Front and Rear)</p> <p>! Ski boats with fins and or a shaft drive require a raised bunk to allow for clearance of the fins and shaft</p>	<p>Boat should be positioned centered in lift and forward just enough that the rear taper on the bunks are showing just past the stern of the boat. Raise lift bed till the bunks contact boat and continue raising slowly until the boat is completely on the bunks. On standard "V" hull configurations, the bunks at the rear should be resting just past the stern of the boats left & right side "Chine's" as shown in the photo. The bunks at the front should be positioned as shown.</p>	<p>This is the correct placement of the boat on the lift when raised. This positioning will evenly displace the weight of the boat on the lift for safety and prevent damage to the bottom of the boat.</p>	
2	<p>Adjust bunks (If required)</p> <p>See preceding page</p>	<p>Loosen the required bunk slide adjuster bolts or nuts (Use a 3/4" 19mm or 5/8" wrench) on the Lt. & Rt. Sides of the bunks. Slide the bracket to achieve the desired location. Repeat on the other side. It is a good idea to use the center of the rail as an adjustment point to ensure the boat is in the center of the lift when raised. After adjustment is made, tighten all bolts and re-try boat on bunks. Some slight adjustments may be required on the front.</p>	<p>This is to just make sure that your valued treasure is resting in the best possible position!</p>	

ALL BUNKS ARE FACTORY PRESET TO PROPERLY FIT MOST COMMON BOAT HULL CONFIGURATIONS. THIS IS A GUIDE ON HOW TO RE-ADJUST IF BUNKS ARE CHANGED OR A DIFFERENT BOAT IS USED ON LIFT. IF CHANGING FROM A TRADITIONAL "V" HULL TO A SKI BOAT WITH FINS AND SHAFT THE BUNKS MUST BE REPLACED WITH A SET OF RAISED BUNKS TO CLEAR THE FINS AND SHAFT



FOR STANDARD "V" BOTTOM BOATS WITH I/O OR OUTBOARD, ENSURE THE BUNKS PROTRUDE JUST PAST THE STERN OF THE BOAT.....NOT THE EXTENDED SWIM PLATFORM



FOR SKI BOATS OR BOATS WITH FINS AND OR SHAFT DRIVE PLACE THE BOAT FAR ENOUGH FORWARD AS POSSIBLE SO THAT THE PROPELLER AND RUDDER ARE BEHIND THE BED FRAME

Element Name:
**Adjust Bunk Location under boat
 (If required)**

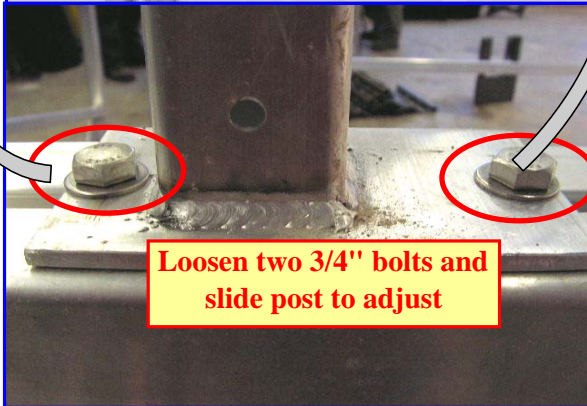
- Base
- With
- Less

Date Purchased: _____

Author: JBC

Size of lift: _____

Date Modified: March 10, 2011



Loosen four 5/16" nuts and slide post to adjust



Loosen four 5/8" nuts and slide post to adjust

2

NOTES AND COMMENTS:

Element Name:

 Base

 With

 Less

Cable Replacement Information

Date Purchased: _____

Author:

JBC

Size of lift: _____

Date Modified:

March 10, 2011

This is the specific lengths of cable and hardware required to replace a broken or worn out cable on your specific lift

<u>Size of lift:</u>	<u>Cable length required:</u>	<u>Required Hardware:</u>
PWC (All):	22' of 1/4" Galvanized or Stainless Steel Aircraft Cable	2 - 1/4" Cable Clamps
1200LB:	25' of 1/4" Galvanized or Stainless Steel Aircraft Cable	2 - 1/4" Cable Clamps
1800 LB:	62' of 1/4" Galvanized or Stainless Steel Aircraft Cable	2 - 1/4" Cable Clamps
2400 LB:	65' of 1/4" Galvanized or Stainless Steel Aircraft Cable	2 - 1/4" Cable Clamps
3000 LB:	65' of 1/4" Galvanized or Stainless Steel Aircraft Cable	2 - 1/4" Cable Clamps
4000 LB:	65' of 5/16" Galvanized or Stainless Steel Aircraft Cable	2 - 5/16" Cable Clamps
5000 LB:	65' of 5/16" Galvanized or Stainless Steel Aircraft Cable	2 - 5/16" Cable Clamps
6000 LB:	65' of 5/16" Galvanized or Stainless Steel Aircraft Cable	2 - 5/16" Cable Clamps

All required cable and accessories can be purchased from R & J Machine

NOTES AND COMMENTS:

Element Name:

Replace Cable

- Base
- With
- Less

Date Purchased: _____

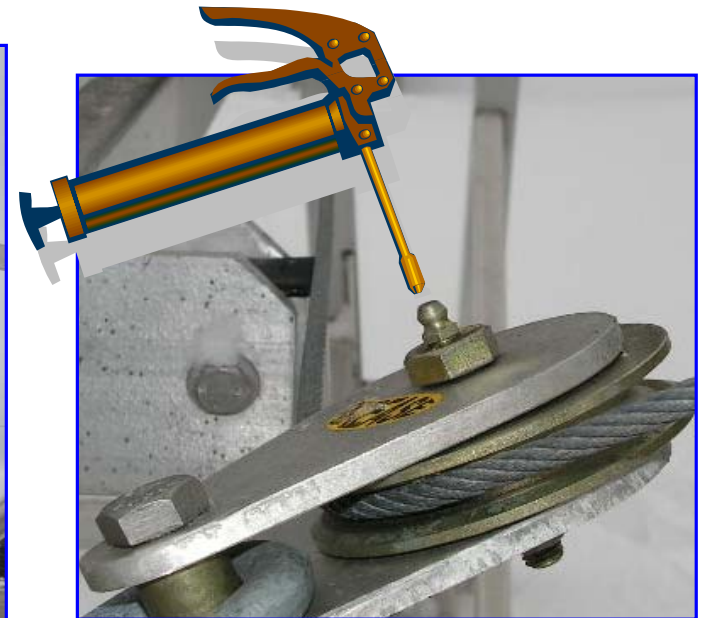
Size of lift: _____

Author: JBC

Date Modified: March 10, 2011



Remove old cable from winch and install new onto spool as shown. Feed end of cable through pulleys . Follow routing diagram in "Replace Lift Cable"



Grease all pulleys to ensure they are turning free and remain turning free!

NOTES AND COMMENTS:

Element Name:

Replace Lift Cable

- Base
- With
- Less

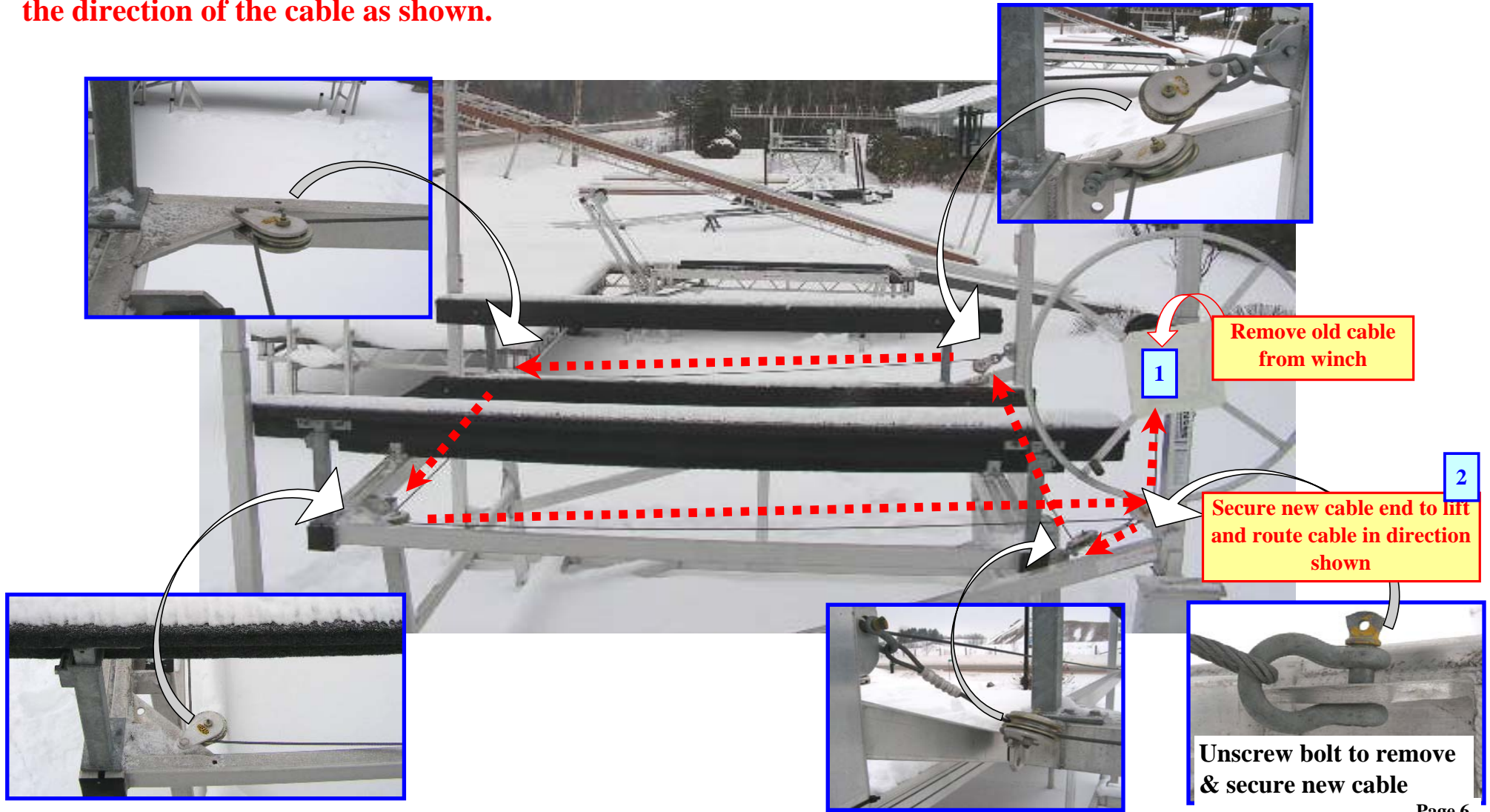
Date Purchased: _____

Size of lift: _____

Author: JBC

Date Modified: March 10, 2011

This cable configuration is for a LEFT hand mounted winch. For a RIGHT hand mounted winch, reverse the direction of the cable as shown.



Element Name:	<input checked="" type="radio"/> Base <input type="radio"/> With <input type="radio"/> Less
Water Site Installation (1)	

Date Purchased: _____
 Size of lift: _____


Author: JBC
 Date Modified: March 10, 2011

1 Place floats under Lt. & Rt. Rear corners of lift



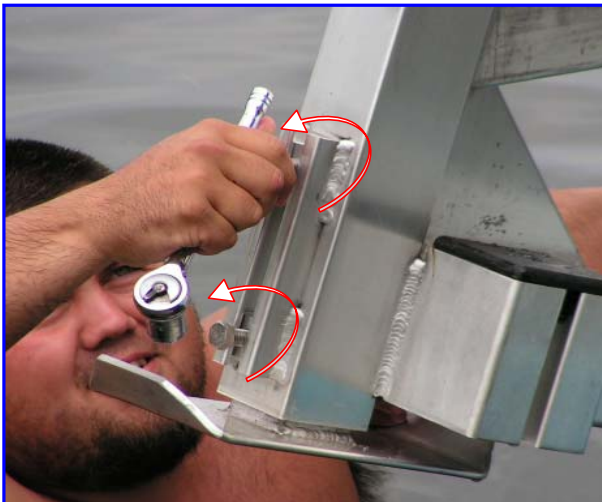
2 Place floats under Lt. & Rt. Front corners of lift



2A 

Float the lift to the location where the lift is to be placed

3 Loosen top & bottom leg adjustment bolts



4 Lower legs for approx. height requirement



5 Tighten top & bottom leg adjustment bolts



Element Name:

Water Site Installation (2)

- Base
- With
- Less

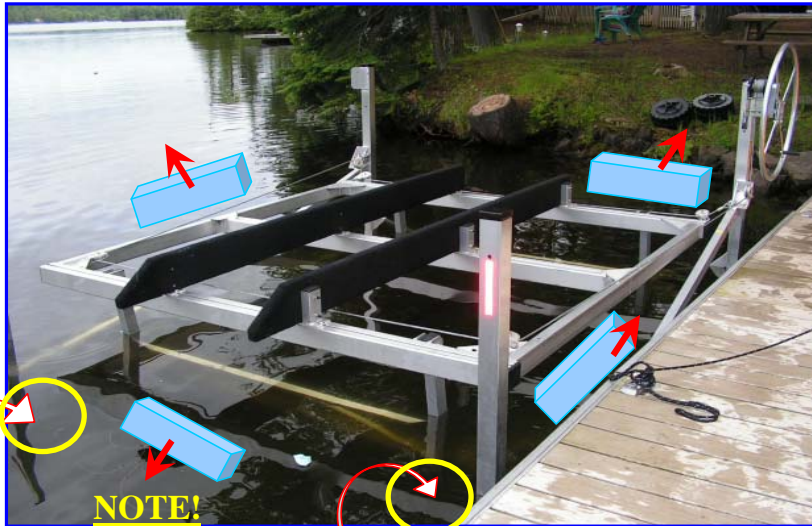
Date Purchased: _____

Size of lift: _____

Author: JBC

Date Modified: March 10, 2011

6 Place at desired location on floats. Remove front and rear floats and allow lift to settle on bottom



NOTE!

It may be necessary to place patio slabs or flat stones under some or all of the legs pads to enable a level and secure base for the lift to rest on if the lake bottom is soft or uneven.

7A Check the boat lift with a level to ensure the side to side and front to rear levelness. Raise or lower the legs as required



7B A slight REAR WARD slope is recommended to allow any water in the boat to drain rearward into the bilge when the boat has been raised out of the water

Instruction Sheet

1200LB - 6000LB

Element Name:

Wheel Kit Installation: Auto Lift (1)

- Base
- With
- Less

Optional Wheel Kit Date Purchased: _____

Size of lift: _____

Author: JBC

Date Modified: March 10, 2011

1 Remove both "U" brackets from the secure bracket



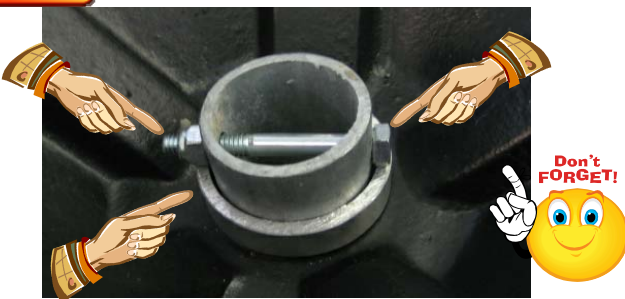
2 Place wheel kit bracket to lower rail of lift at a balance point. Ensure the wheel is on the "OUTSIDE" of the rail!



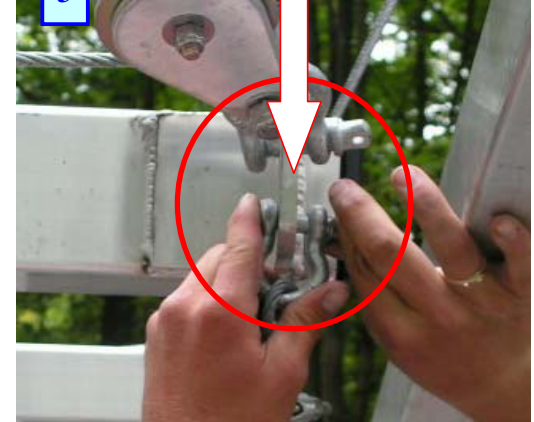
3 Lift wheel kit attaching cable to top "Bunk" rail and attach the clamp to the lower bracket hole as shown



! Ensure the bolt, nut and collar are placed on the shaft



2 Install nuts to "U" brackets and tighten



4 REPETE SAME PROCESS FOR THE OPPOSITE SIDE OF THE LIFT!

NOTES AND COMMENTS:

TO LOWER THE WHEELS
(FOR WHEELING THE LIFT IN OR OUT OF THE WATER)
RAISE THE BUNK WITH THE CRANK HANDLE OR ELECTRIC LIFT.

Element Name:
Wheel Kit Installation: Auto Lift & Fixed
Wheel kits (2)

- Base
- With
- Less

Optional Wheel Kit Date Purchased: _____
 Size of lift: _____

Author: JBC
 Date Modified: March 10, 2011

ROLL THE LIFT TO THE WATERS EDGE TO READY FOR PLACING FLOATS UNDER THE LIFT.

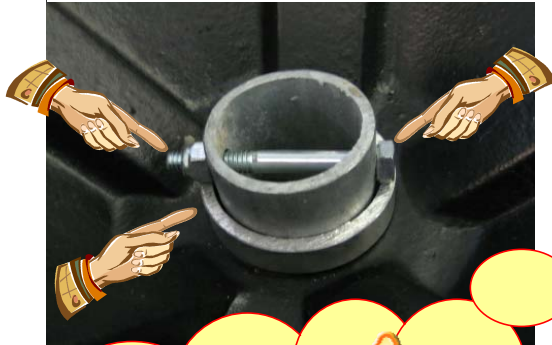
5



If placing the lift in fairly shallow water Just roll it to the desired location

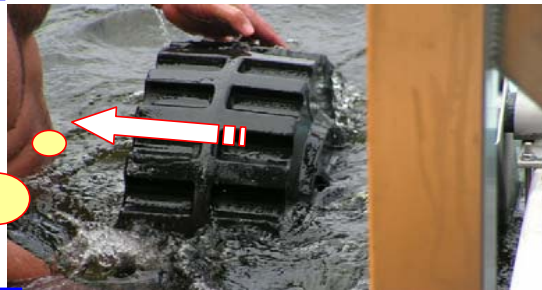
6

Remove the bolt, nut & collar from the shafts



7

Remove the wheels off of the shafts



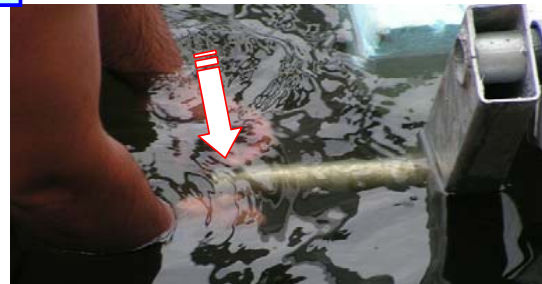
9

Remove the cable clamps from the Top Bunk Rails



8

Replace bolts and nuts into the shafts



10

And loop it together around the side cross-bar to hold the lift arm in the up position



NOTE!



It is necessary to remove the wheel due to under water currents spinning the wheel and wearing the shaft to the point where it will break off the lift

NOTES AND COMMENTS: The wheel install and removal is the same for the "Auto Wheel Kit" and the "Fixed Wheel Kit" in diagrams 6 through 8

Element Name:

Bunk Bed Raising Stops

- Base
- With
- Less

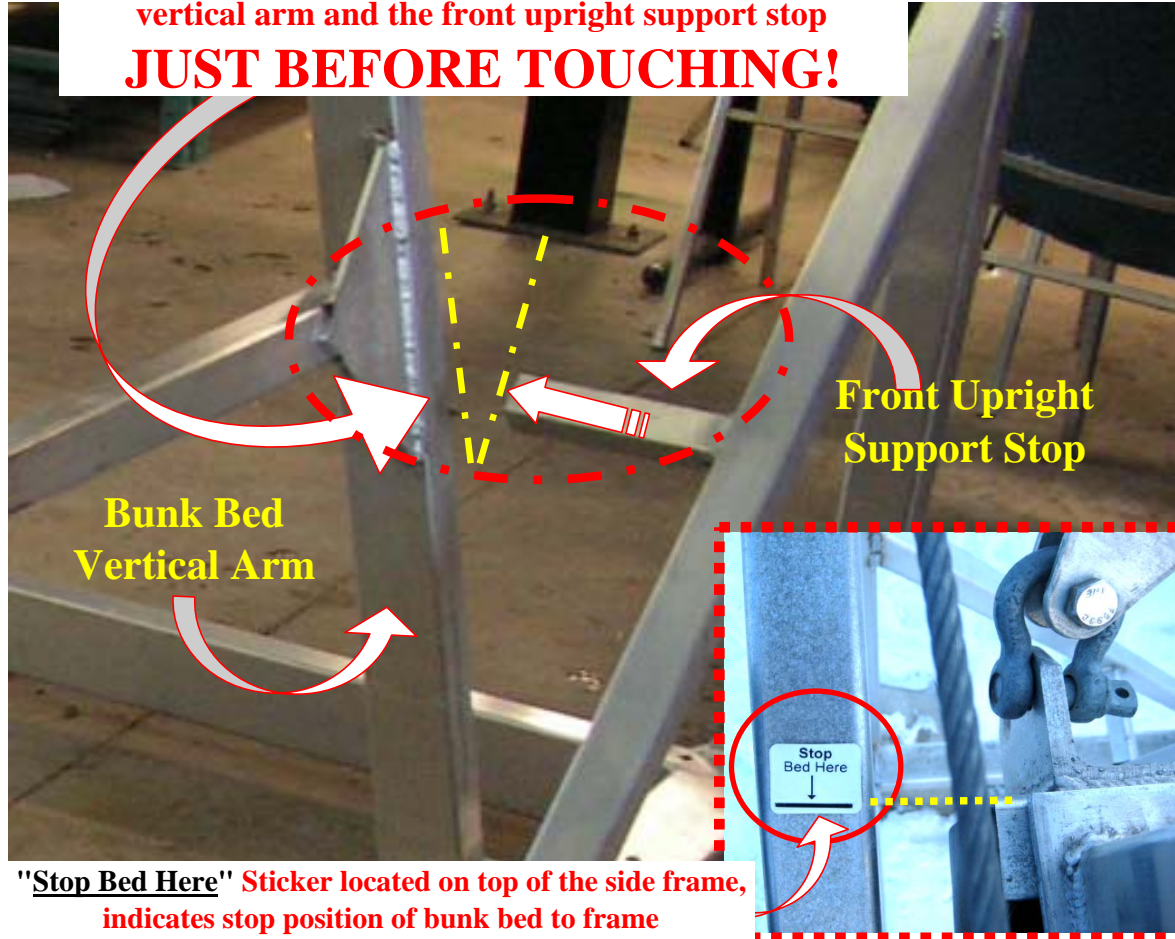
Date Purchased: _____

Size of lift: _____

Author: JBC

Date Modified: March 10, 2011

When raising the bunk it is critical that the bunk bed vertical arm and the front upright support stop JUST BEFORE TOUCHING!



CAUTION

STOP WINCHING UP THE BUNK BED WHEN THE VERTICAL SUPPORT IS JUST ABOUT TO TOUCH THE STOP SUPPORT. FURTHER WINCHING COULD RESULT IN BREAKING OFF THE FRONT SUPPORT BRACE OR COULD TWIST THE ENTIRE LIFT FRAME!



NOTES AND COMMENTS:

