

OWNER'S MANUAL/SHOREMASTER 601060 VERTICAL LIFT

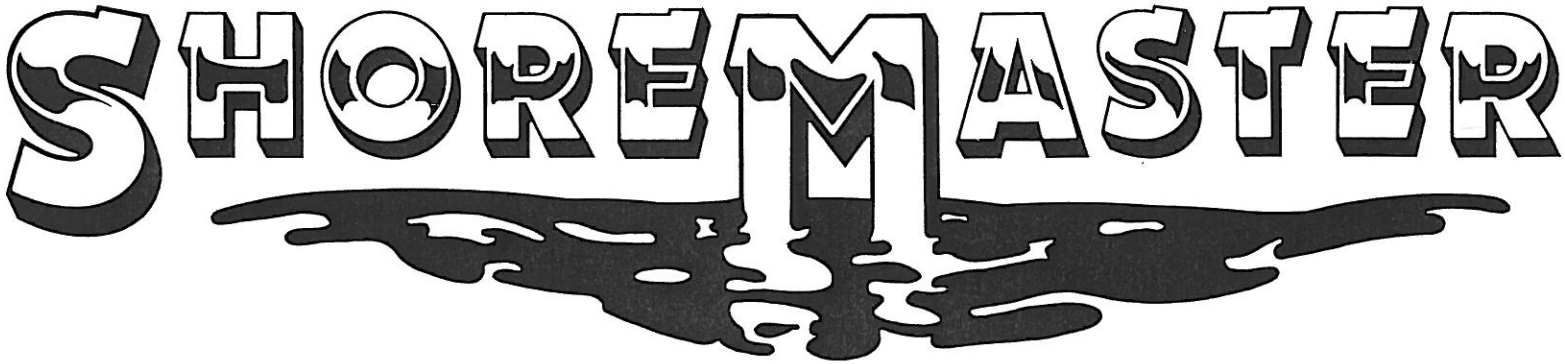
WEIGHT CAPACITY: 6000 lbs.

INTERIOR WIDTH: 120"

EFFECTIVE 11-1-92

Before attempting to operate the lift, read this owners manual thoroughly.

SHOREMASTER



PLEASE KEEP THIS FOR FUTURE REFERENCE

When assembling any product, the proper safety precautions must be observed. Please make sure that during assembly all the parts are on a flat, clean work area to minimize the chance of accidents. Also, DO NOT allow younger children in the area when assembling, installing, or removing the lift. ALWAYS wear protective eyewear and clothing when assembling, installing, and removing the lift. REMEMBER, ALWAYS PUT SAFETY FIRST!!!

The following parts list, operating/safety procedures, assembly instructions and maintenance schedule is for your ShoreMaster boat lift. Please read through the manual entirely before attempting to operate the lift. Pay close attention to all safety related material. If you have any questions contact your dealer or call ShoreMaster toll-free 1-(800) 328-8945.

**** IMPORTANT ****

NEVER exceed the listed weight capacity of a boat lift. Doing so will invalidate the warranty, and could result in damage to the lift and/or boat, and serious personal injury or death.

REMEMBER, your boat weight includes: boat, motor, gas, battery, oil, gear, etc.!!!

Grease pulleys and winch when it is new and every spring and fall. Not doing so will invalidate your warranty.

VERTICAL PARTS LIST

All ShoreMaster vertical boat lifts have these same general parts. Although they differ in size from one model to another, the general design is the same.

- 4 - Legs (2 front & 2 rear)
- 2 - Sides (V-side & opposite V-side)
- 2 - Bottom Beams (front & rear)
- 2 - Rack Sides (left & right)
- 2 - Rack Beams (front & rear)
- 4 - Lift Braces ((2) left & (2) right)
- 1 - Wheel
- 1 - Winch Box (assembly hardware, winch, bolts, etc.)

Various accessories are available to be mounted on your ShoreMaster lift. These accessories do not come standard with each boat lift. Please refer to your brochure or contact your dealer for details and current pricing.

SHOREMASTER INSTRUCTIONAL ASSEMBLY VIDEO'S ARE AVAILABLE FOR PURCHASE OR RENT AT YOUR LOCAL DEALER.

601060 VERTICAL LIFT BOLT BAG

<u>QUANTITY</u>	<u>DESCRIPTION</u>
4	1/2" X 5 1/2" MACHINE BOLTS
32	1/2" X 3 1/2" MACHINE BOLTS
2	1/2" X 6" MACHINE BOLTS
4	3/8" X 3" MACHINE BOLTS
1	3/8" X 7" MACHINE BOLTS
4	3/8" X 5 1/2" CARRIAGE BOLTS
38	1/2" NUTS
5	1/2" NYLOCKS
9	3/8" NUTS
8	3/8" WASHERS
9	1/2" WASHERS
13	ROUND SPACER TUBE, 1 7/8"
1	CABLE COLLAR
4	ZERKS
1	<u>WINCH HARDWARE BOX (1 OF 2)</u>
4	#1 BLUE CAPS
1	HEFTY HOIST EPU
1	ADAPTOR SLEEVE
1	INSTRUCTION SHEET, WARRANTY CARD
1	GREASE
1	MOTOR PULLEY, 2" X 5/8"
1	WINCH PULLEY - 11.4" X 3/4"
1	BELT, A-36
1	HUB, 4" WIDE, 3" DIA.
1	<u>MOTOR HARDWARE BOX (2 OF 2)</u>
1	COVER
1	COVER HARDWARE
1	MOTOR, W/ATTACHED SWITCH & CORD
1	<u>CRADLE CONE BOX</u>
8	BLANKS, 6000#
8	CRADLE CONES, 6000#
32	3/8" X 1" MACHINE BOLTS
32	3/8" NUTS

**** DO NOT ATTEMPT TO OPERATE LIFT WITHOUT FIRST STUDYING THE FOLLOWING ****

OPERATING & SAFETY

1. After assembly (and yearly), check to be sure that all nuts and bolts are tightened as required. Check pulley sheaves, cables, winch, and lift rack to see that they are all operating freely and there are no signs of wear or possible failure.
2. ALWAYS wear protective clothing and eyewear when assembling, installing, or removing the lift and/or lift accessories.
3. Make all possible adjustments to lift legs, cradles, EPU's and other accessories before installing lift in the water. Adjusting lift parts while in the water is more difficult and potentially more dangerous. NEVER make any adjustments with the boat in the lift.
4. Test to see that the winch is working properly by winding up cable on spool by turning the wheel clockwise. Hand guide the cable onto the winch spool the first few times the lift is raised so the cable wraps uniformly.
5. The winch must be making a "clicking" sound when raising the boat. A brake will activate automatically when you stop, allowing you safe and controllable use. NEVER lift the ratchet pawl as a means to lower the lift. To lower the lift, please turn the wheel counter-clockwise. When lifting your lift and you turn the wheel and the ratchet is not clicking, you are turning the wheel backwards or your brake mechanism is not working. Rapid spin down may occur. DO NOT attempt to stop if this occurs.
6. ***** IF AT ANYTIME THE LIFT WHEEL SPINS UNCONTROLLABLY DO NOT ATTEMPT TO STOP IT! DOING SO COULD RESULT IN SERIOUS INJURY OR DEATH *****
7. Never attempt to operate lift unless winch is functioning properly. **IMPORTANT: ** IT IS RECOMMENDED THAT ANYONE OPERATING THE LIFT FIRST THOROUGHLY STUDY THE OWNERS MANUAL.** Study winch maintenance, instructions and safety tips located in your owners manual.
8. Never allow rack to be in a fully lowered position while supporting the weight of your boat (winter storage, etc.) Damage may result to the rack (this applies to cantilever models only).
9. Be sure that the boat is properly balanced and centered on the lift before attempting to raise the rack. Generally, the boat should be as far forward in lift as possible for proper balance.
10. It is recommended that the lift be operated in at least 3' of water. This will allow for easier raising of the lift and less strain on the winch (cantilever models only).

11. Do not raise the rack past the recommended height (over center on a cantilever). Doing so could damage the lift or cause the winch or cable to break.
12. DO NOT lower the rack to the point where the cable begins to develop slack. Doing so may allow the cable to jump the spool and/or pulleys and cause personal injury and/or damage to the cable and winch.
13. If at anytime there is more than the normal resistance when operating the wheel and winch, do not attempt to force it. Lower the lift and check for possible problems with winch or other lift parts.
14. NEVER exceed the recommended weight capacity of the lift. Doing so will invalidate your warranty and could damage the lift. Improper loading could cause serious injury or death.
15. Pull drain plug from boat when raised on the lift and not in use. Failing to do so may result in water accumulating and the load exceeding recommended lift capacity.
16. Lock your wheel and rack in place by chain and padlock when unattended. This will help prevent theft or possible spin down of wheel and rack.
17. Never allow anyone (especially children) on, in, under, or near the lift when in a raised position or when being raised or lowered. You may cradle the boat when loading and unloading passengers. This is the point at which your boat is not supported by the lift, but it is prevented from lateral movement during loading or unloading of passengers.

WINCH INSTRUCTIONS, SAFETY & MAINTENANCE

WINCH INSTRUCTIONS

Thread the wheel on to the drive shaft turning clockwise until a clicking sound is heard and the rack begins to raise. After the wheel is in firm contact with the brake pads and ratchet gear, install the wheel kit to prevent the wheel from backing off the winch driveshaft (step 6). To prevent fraying or binding, uniformly wind cable on to winch hub. You may need to hand guide the cable onto the spool the first few times to make sure it wraps uniformly. When doing this please wear protective clothing.

Wind cable off the hub by turning the wheel counter-clockwise (no noise will be produced). To make sure the wheel will remain in position when you let go of the wheel, turn the wheel clockwise so you hear a clicking sound. Sufficient load must be applied to lift for brake mechanism to activate properly, otherwise turning the wheel will only remove the wheel from the shaft. NEVER raise the ratchet pawl as a means to lower the lift. Always satisfy yourself that the winch brake is holding the load before releasing the wheel. IF IT IS NOT, RAPID SPIN DOWN COULD OCCUR. DO NOT ATTEMPT TO STOP WHEEL IF UNCONTROLLED RAPID SPIN DOWN SHOULD OCCUR!!!

If at anytime the wheel turns up or down with great difficulty, the brake may be sticking. The brake pads may be worn or not smooth enough to allow brake to release. It is important that the wheel and shaft threads are greased periodically. DO NOT, however, grease any part of the brake mechanism.

*** IMPORTANT ***

NEVER wind cable off the winch hub so that excess slack occurs in the cable. Excess slack in the cable could allow the cable to slip off the winch hub or pulleys and cause damage to your lift or winch and may cause personal injury.

WINCH SAFETY

The winch for this lift is strickly for watercraft lifting operations. It is not to be used as a method of supporting or transporting people, or for loads over areas where people may be present.

Check winch for proper operations on each use. If it is damaged in anyway do not attempt to operate.

Never allow children or those unfamiliar with the operation of the lift to use it.

NEVER exceed recommended lift capacity. Personal injury may result.

Never apply load to winch with cable fully unwrapped. There should be at least four full turns of cable on the hub.

NEVER raise the ratchet pawl as a means to lower the lift. Doing so may result in serious injury.

WINCH MAINTENANCE

It is recommended that the winch be inspected periodically (at least twice yearly). Necessary preventive maintenance is required for maximum performance of the winch.

1. Remove all the load from the lift. Then turn down until the cable BEGINS to slack. Remove wheel kit and wheel from shaft.
2. Remove brake pads and ratchet gear from shaft. Sand off any rust or corrosion on these parts. DO NOT grease the brake pad mechanism.
3. Replace brake pads and ratchet gear on the shaft. One brake pad should be on each side of the ratchet gear. Replace wheel and wheel kit.

VERY IMPORTANT:

4. Check to be sure that ratchet pawl and spring (if used on your lift) are aligned on the ratchet gear. You can do this by turning the wheel clockwise. A clicking sound should be heard. If it is not functioning properly, check to see that your spring (if used on your lift) is in place. New ShoreMaster models with capacities of 2500# and higher manufactured after January 1992 do not use springs on the ratchet pawl.
5. Remove the cover and check to see that gears, shafts and chains are attached and turning freely. Grease all bearings and gear teeth with good wheel bearing grease.
6. Replace winch cover. Check mounting of winch to be sure that it is secure and properly aligned. Also, check cable to make sure it is secure and there is no abnormal stiffness or broken strands.
7. Replace any worn or broken parts with authorized ShoreMaster parts available at your local dealer or ShoreMaster.

601060 WORM DRIVE WINCH INSTRUCTIONS & SAFETY TIPS

STEP 1

BOLT THE DRIVE DRUM TO THE LIFT SIDE THAT HAS THE EXTENDED UPRIGHT. THIS IS THE ONLY PLACE WHERE THE WINCH CAN BE ATTACHED TO THE LIFT.

NOTE

MAKE SURE THE DRIVE DRUM IS EXTENDING TOWARD THE OUTSIDE OF THE LIFT.

STEP 2

SLIDE THE PLATE THAT HAS THE WORM DRIVE UNIT ON IT ONTO THE DRIVE DRUM AND BOLT IN PLACE. WHEN SECURING THE BOTTOM OF THE PLATE TO THE UPRIGHT, USE AN ALUMINUM SPACER BETWEEN THE PLATE AND THE LIFT UPRIGHT.

STEP 3

BOLT THE MOTOR TO THE PLATE WITH THE WORM DRIVE UNIT. MAKE SURE THE MOTOR DRIVE SHAFT IS FACING THE SAME WAY AS THE DRIVE SHAFT ON THE WORM DRIVE UNIT.

NOTE

DO NOT COMPLETELY TIGHTEN DOWN THE MOTOR AT THIS TIME. LEAVE THE MOTOR LOOSE SO YOU CAN GET THE BELT ON THE PULLEYS.

STEP 4

PUT THE LARGE PULLEY ON THE WORM DRIVE UNIT DRIVE SHAFT AND THE SMALL PULLEY ON THE MOTOR DRIVE SHAFT. BEFORE TIGHTENING THE PULLEYS IN PLACE WITH THE SET SCREWS, MAKE SURE THE LARGE PULLEY IS DIRECTLY ABOVE THE SMALL PULLEY. ONCE THE PULLEYS ARE IN LINE, TIGHTEN THEM IN PLACE.

STEP 5

PUT THE BELT OVER THE LARGE AND SMALL PULLEYS. TIGHTEN THE BELT BY ADJUSTING THE MOTOR UNTIL THE BELT IS SNUGLY IN PLACE. THEN TIGHTEN THE MOTOR IN PLACE.

STEP 6

CLIP THE WINCH COVER IN PLACE.

** ShoreMaster, Inc. recommends that an electrician does the installation and hook up of this electric winch.

FOR THE WARRANTY TO GO INTO EFFECT !!!

The electric motor must be checked under a full load by an electrician to be certain that the proper amount of current is reaching the electric motor during all phases of operation.

SHOREMASTER, INC. IS NOT LIABLE FOR ANY INJURY INCLUDING BUT NOT LIMITED TO IMPROPER INSTALLATION, FAULTY WIRING, AND OR IMPROPER USE.

ELECTRIC POWER UNIT SAFETY

** WARNING **

1. ALWAYS turn off MAIN POWER SUPPLY when moving, swimming, or working on or around the lift.
2. It is recommended that power be shut off and/or motor unplugged when not in use to preserve the life of the motor. This will also prevent unauthorized use of the motor and lift.
3. Proper care should be exercised in regard to wires which are exposed to wave or wind oscillations. If wires are exposed, appear worn, or are weathered, turn off the MAIN POWER SUPPLY and get the unit repaired immediately. Kinks or breaks in wire could occur, resulting in SERIOUS INJURY OR DEATH!!!
4. It is recommended that an electrician do the installation and final inspection of this electric power unit. If at any time the unit is not operating properly, shut down the MAIN POWER SUPPLY and have it inspected by authorized service personnel.
5. NOT COMPLYING WITH THE ABOVE RECOMMENDATIONS MAY INVALIDATE THE WARRANTY OR RESULT IN PERSONAL INJURY OR DEATH.
6. When operating the electric power unit, make sure the winch driveshaft is turning clockwise when lifting the boat up out of the water and that the ratchet pawl is making a clicking sound. This will allow the winch to break properly.
7. If you have any questions concerning the installation, operation, or safety precautions of your electric power unit, please call ShoreMaster at 1-800-328-8945.

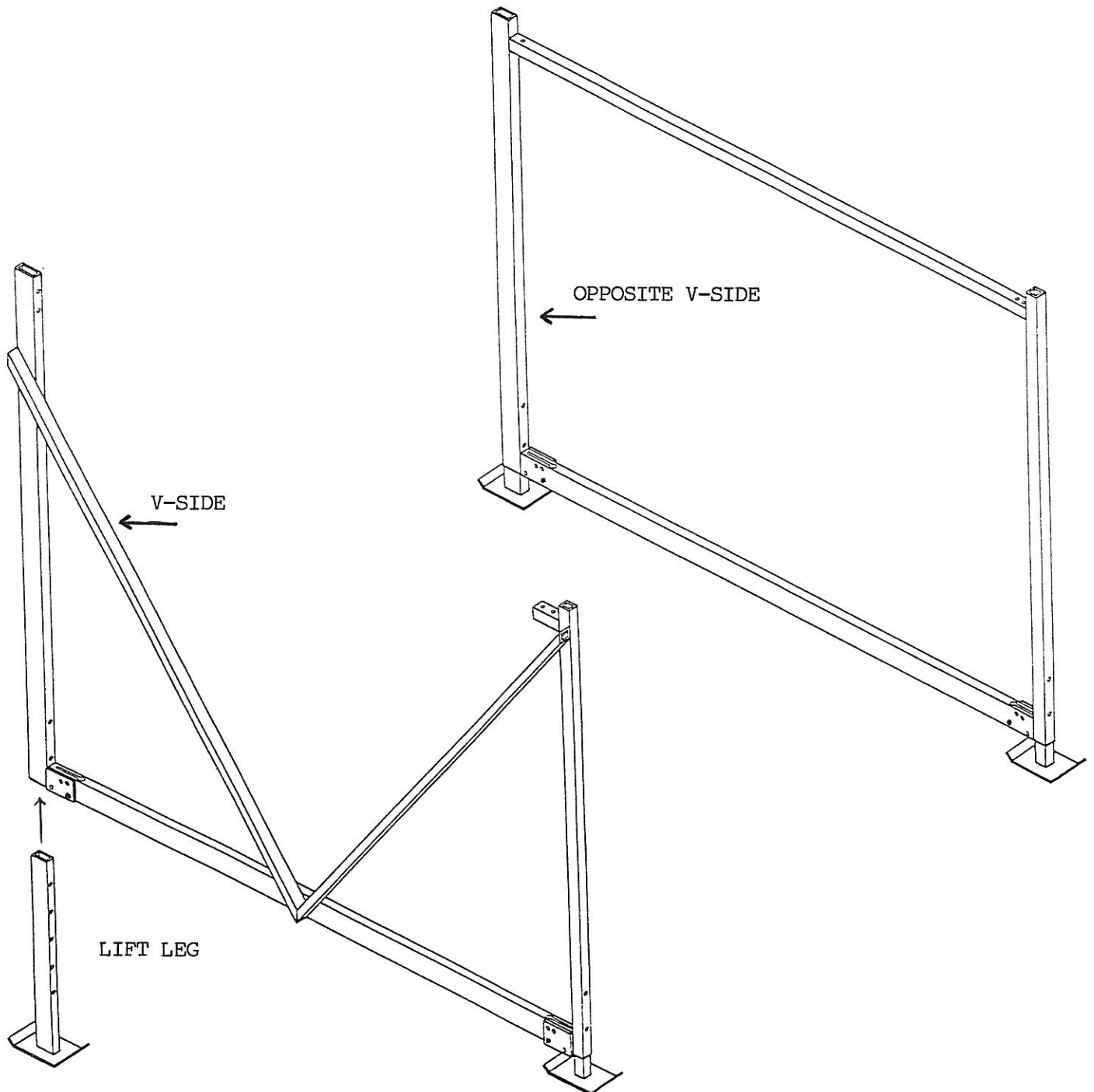
*** GREASE WINCH DRIVESHAFT THREADS AND CHAINS AT LEAST TWICE A YEAR!! PREFERABLY EACH FALL BEFORE STORAGE AND EACH SPRING BEFORE USE. ***

STEP 1

****IMPORTANT****

DO NOT FULLY TIGHTEN NUTS & BOLTS UNTIL YOU ARE FINISHED WITH ASSEMBLY.

- (1) INSERT ALL (4) LIFT LEGS INTO THE LIFT SIDES AS SHOWN AND BOLT IN PLACE USING 1/2" X 5 1/2" MACHINE BOLTS.
- (2) PLACE THE LIFT SIDES ABOUT 10' APART.

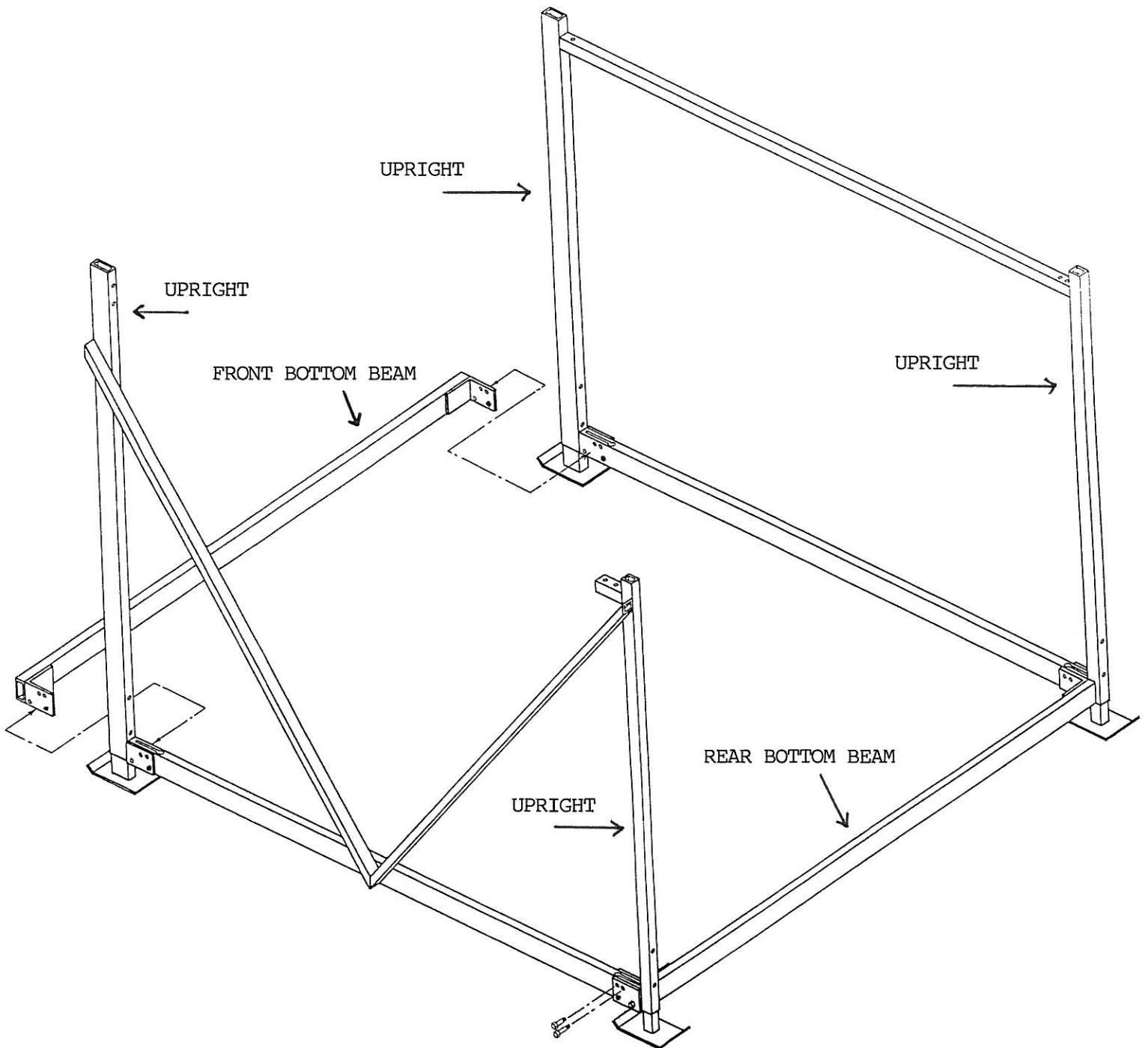


STEP 2

- (1) ATTACH THE FRONT & REAR BOTTOM BEAMS TO THE LIFT SIDES AS SHOWN USING 1/2" X 3 1/2" MACHINE BOLTS.

****NOTE****

ONLY USE THE (2) HOLES CLOSEST TO THE UPRIGHTS TO SECURE THE BOTTOM BEAMS AT THIS TIME. YOU WILL UTILIZE THE OTHER (2) HOLES AFTER THE CABLES ARE IN PLACE.

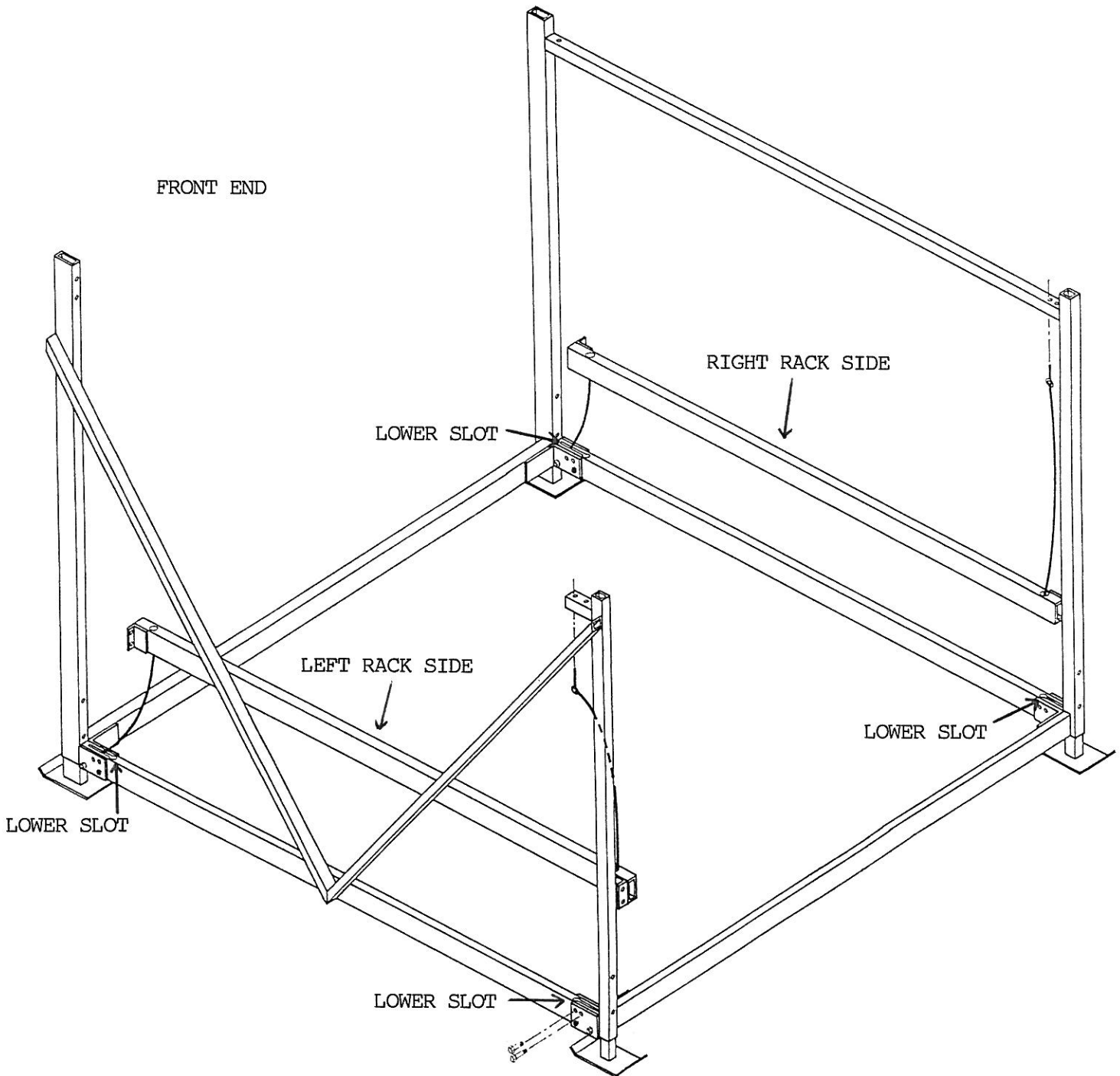


STEP 3

- (1) SLIDE THE CABLES OF THE LEFT AND RIGHT RACK SIDES INTO THE LOWER SLOTS LOCATED NEAR THE FRONT OF EACH LIFT SIDE. ** SEE STEP 3B **
- (2) AFTER THE CABLES HAVE BEEN PLACED IN THE SLOTS AS SHOWN IN STEP 3B, UTILIZE THE OTHER (2) BOLT HOLES AND FINISH SECURING THE FRONT BOTTOM BEAM TO THE LIFT SIDE USING 1/2" X 3 1/2" MACHINE BOLTS.

****NOTE****

LEAVE CABLE END WITH I-BOLT UNATTACHED FOR NOW!!

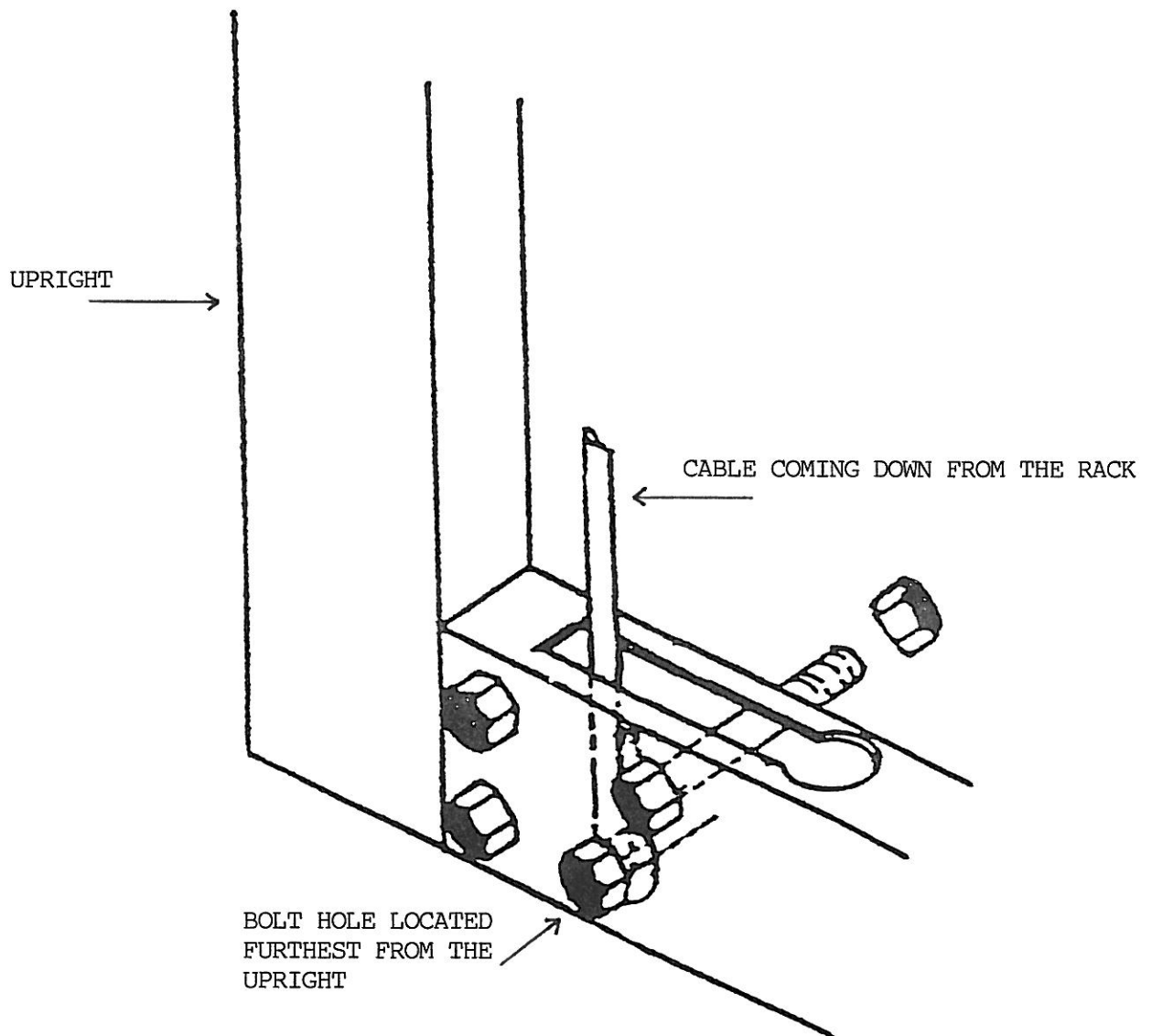


STEP 3B

- (1) AFTER THE CABLES HAVE BEEN PLACED IN THE SLOTS AS SHOWN, UTILIZE THE LOWER HOLE THAT IS THE FURTHEST AWAY FROM THE UPRIGHT TO BOLT THE BOTTOM BEAM TO THE LIFT SIDE AND SECURE THE CABLE IN POSITION BY RUNNING THE BOLT THROUGH THE LOOP IN THE END OF THE CABLE.
- (2) BEFORE USING THE THE LAST HOLE TO SECURE THE BOTTOM BEAM TO THE LIFT SIDE, MAKE SURE THE CABLE COMING DOWN FROM THE RACK IS AS STRAIGHT UP & DOWN AS POSSIBLE. ONCE THE CABLE IS AS STRAIGHT UP & DOWN AS POSSIBLE, UTILIZE THE LAST BOLT TO FINISH SECURING THE BOTTOM BEAM TO THE LIFT SIDE.

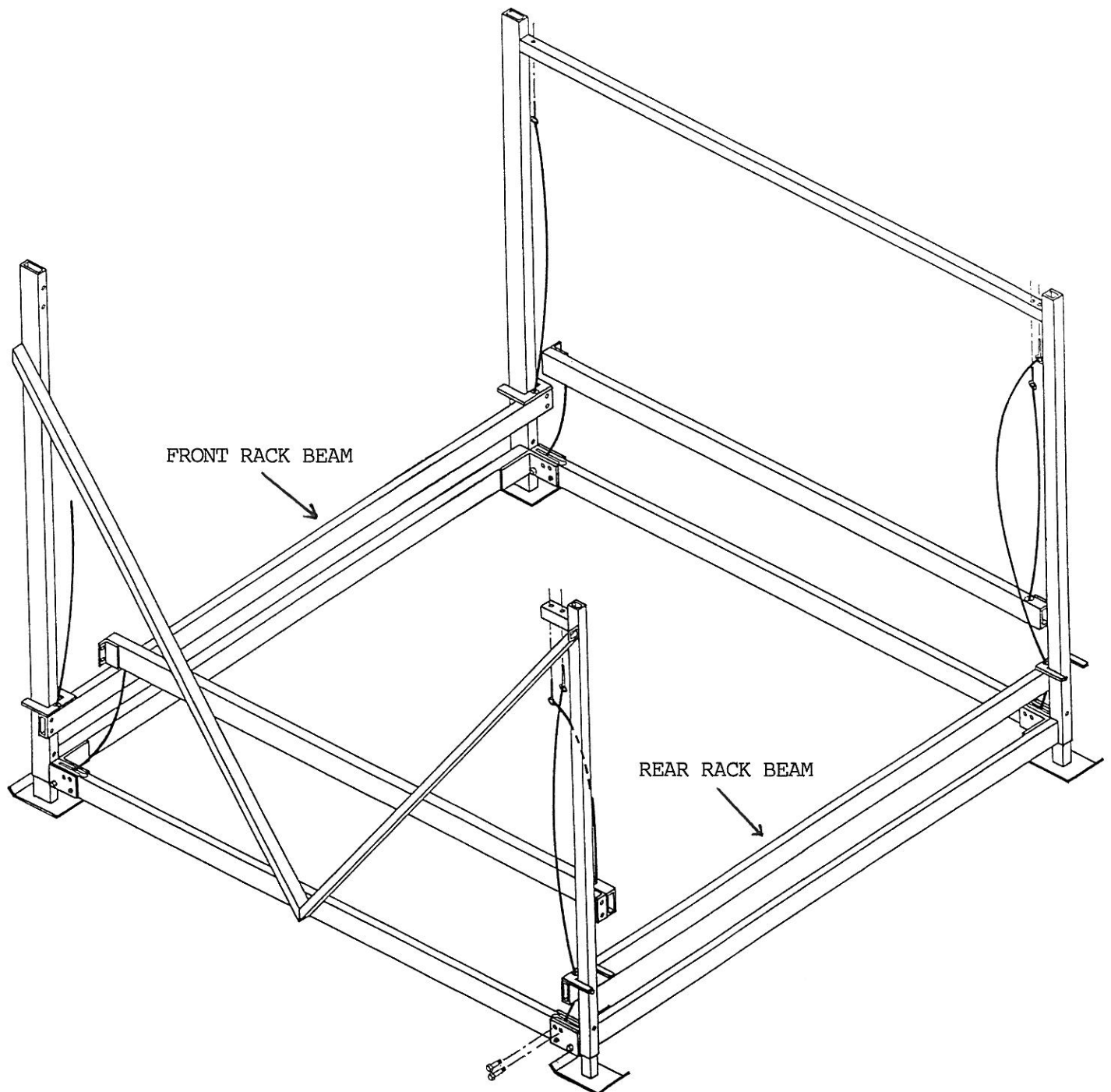
****IMPORTANT****

BY MAKING SURE THE CABLE IS STRAIGHT YOU WILL BE ASSURING FREE MOVEMENT OF THE CABLES AND REDUCING FRICTION ON THE CABLES.



STEP 4

- (1) SLIDE THE CABLES OF THE REAR RACK BEAM (this has blue fingers and (2) cables running through it) INTO THE LOWER SLOTS LOCATED AT THE REAR OF EACH LIFT SIDE. THE ENDS OF THESE CABLES HAVE BUTTONS & WASHERS ON THEM. ** SEE STEP 4B **
- (2) AFTER THE CABLES HAVE BEEN PLACED IN THE SLOTS AS SHOWN IN STEP 4B, UTILIZE THE OTHER (2) BOLT HOLES AND FINISH SECURING THE REAR BOTTOM BEAM TO THE LIFT SIDES USING 1/2" X 3 1/2" MACHINE BOLTS.
- (3) PLACE THE FRONT RACK BEAM INTO POSITION AS SHOWN IN THE DIAGRAM.



STEP 4B

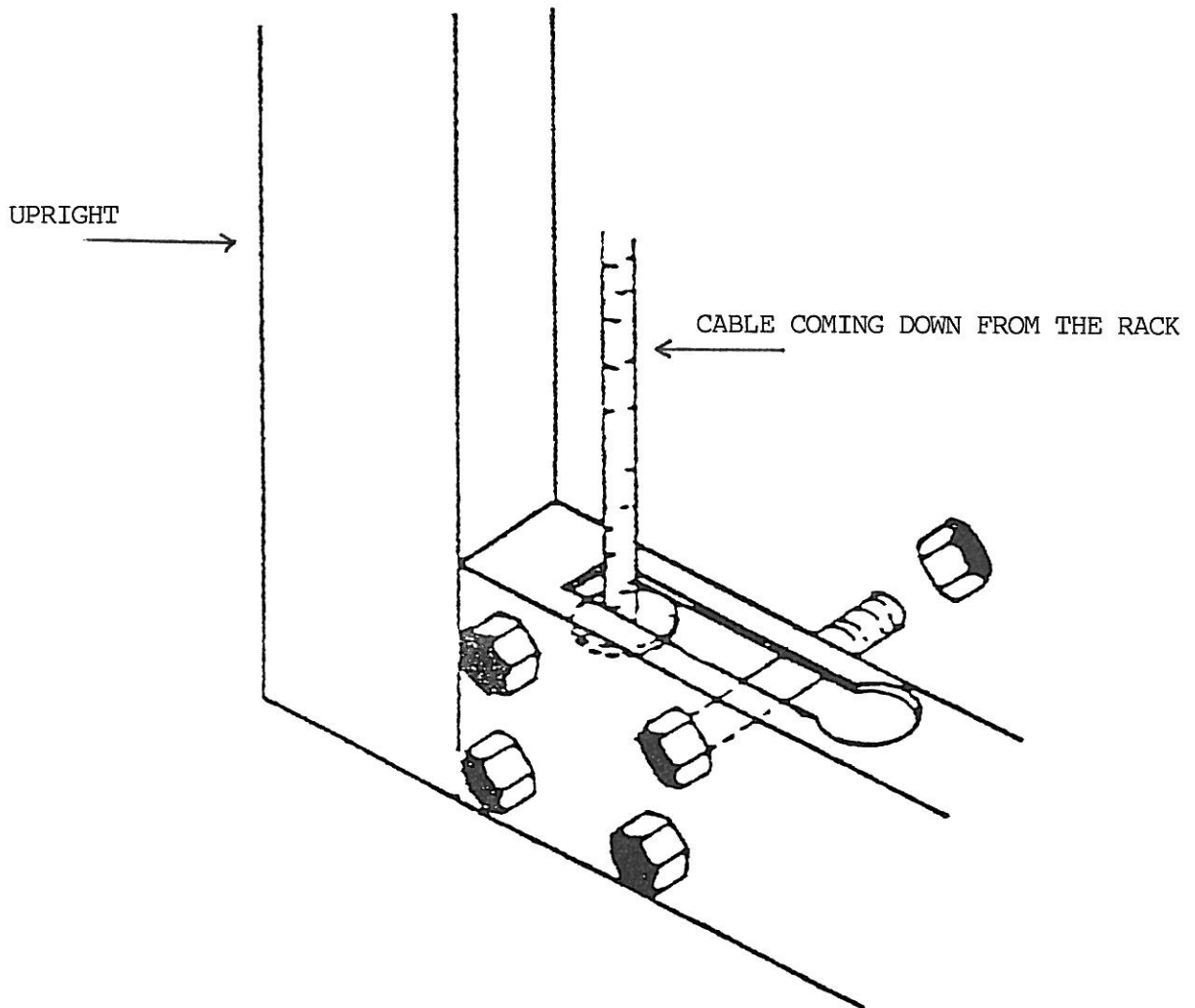
- (1) AFTER THE CABLES HAVE BEEN PLACED IN THE SLOTS AS SHOWN, MAKE SURE THE CABLES COMING DOWN FROM THE RACK ARE AS STRAIGHT UP & DOWN AS POSSIBLE. ONCE THE CABLES ARE AS STRAIGHT UP & DOWN AS POSSIBLE, UTILIZE THE LAST (2) 1/2" X 3 1/2" MACHINE BOLTS TO SECURE THE BOTTOM BEAM TO THE LIFT SIDE.

****IMPORTANT****

BY MAKING SURE THE CABLES ARE STRAIGHT YOU WILL BE ASSURING FREE MOVEMENT OF THE CABLES AND REDUCING FRICTION ON THE CABLES.

****NOTE****

PLEASE MAKE SURE THE CABLE COMES DOWN BETWEEN THE TOP (2) BOLTS. NEVER ALLOW THE CABLE IN FRONT OF THE TOP (2) BOLTS!!



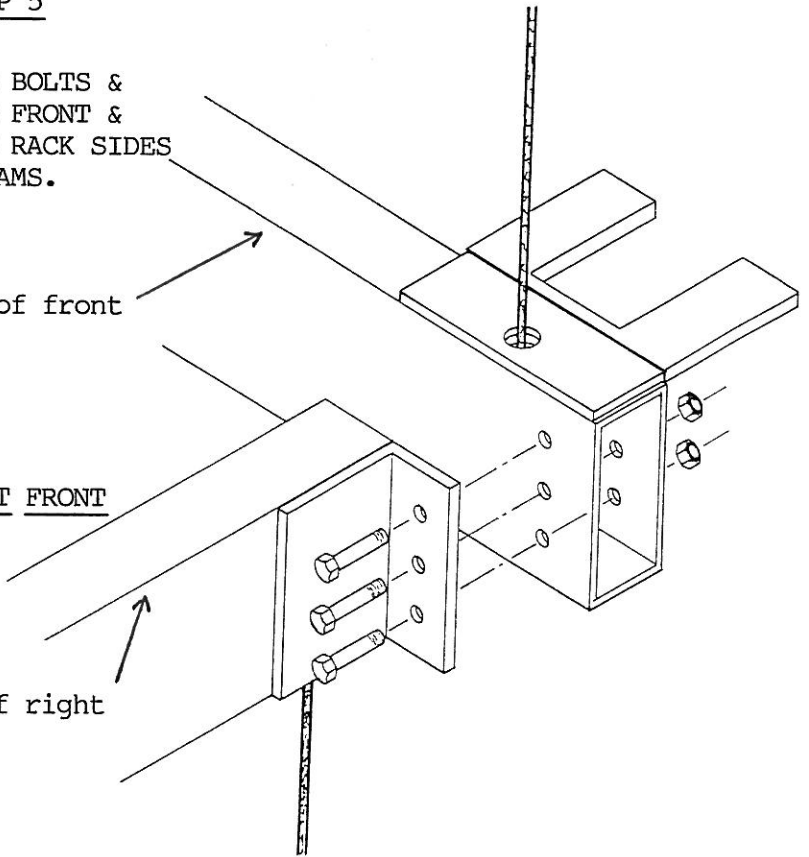
STEP 5

- (1) USING 1/2" X 3 1/2" MACHINE BOLTS & ALUMINUM SPACERS INSIDE THE FRONT & REAR RACK BEAMS, ATTACH THE RACK SIDES TO THE FRONT & REAR RACK BEAMS.

right side of front
rack beam

THIS PICTURE SHOWS THE RIGHT FRONT CONNECTION. THE LEFT FRONT CONNECTION IS ATTACHED IN THE SAME MANNER.

front end of right
rack side



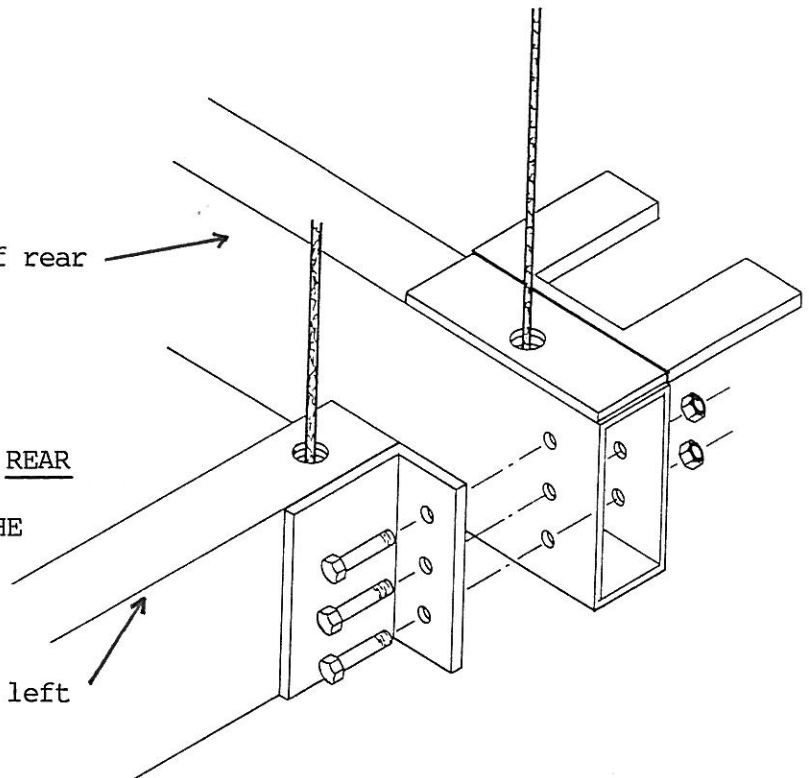
****NOTE****

THE ALUMINUM SPACERS ARE NOT SHOWN IN THIS PICTURE. HOWEVER, PLEASE MAKE SURE THEY ARE IN PLACE INSIDE THE FRONT & REAR RACK BEAMS WHEN COMPLETING THIS STEP.

left side of rear
rack beam

THIS PICTURE SHOWS THE LEFT REAR CONNECTION. THE RIGHT REAR CONNECTION IS ATTACHED IN THE SAME MANNER.

rear end of left
rack side



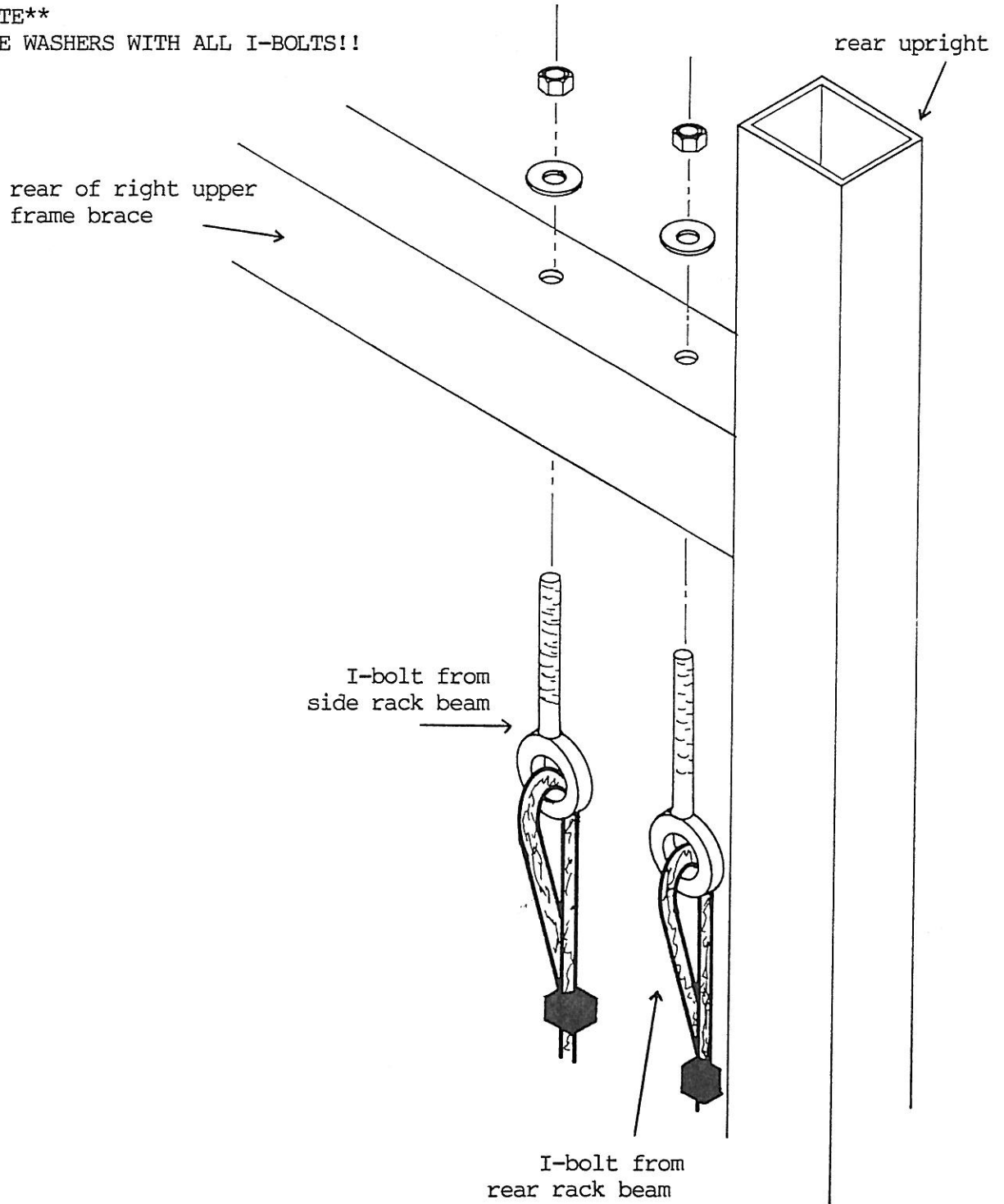
STEP 6

****IMPORTANT****

BE SURE TO SCREW THE NUTS ONTO THE I-BOLTS SO PART OF THE I-BOLT IS STICKING ABOVE THE NUT. YOU DO NOT NEED TO TIGHTEN THESE I-BOLTS DOWN BECAUSE YOU WILL NEED TO USE THESE I-BOLTS TO MAKE ADJUSTMENTS SO YOUR RACK CAN BE AS LEVEL AS POSSIBLE.

****NOTE****

USE WASHERS WITH ALL I-BOLTS!!



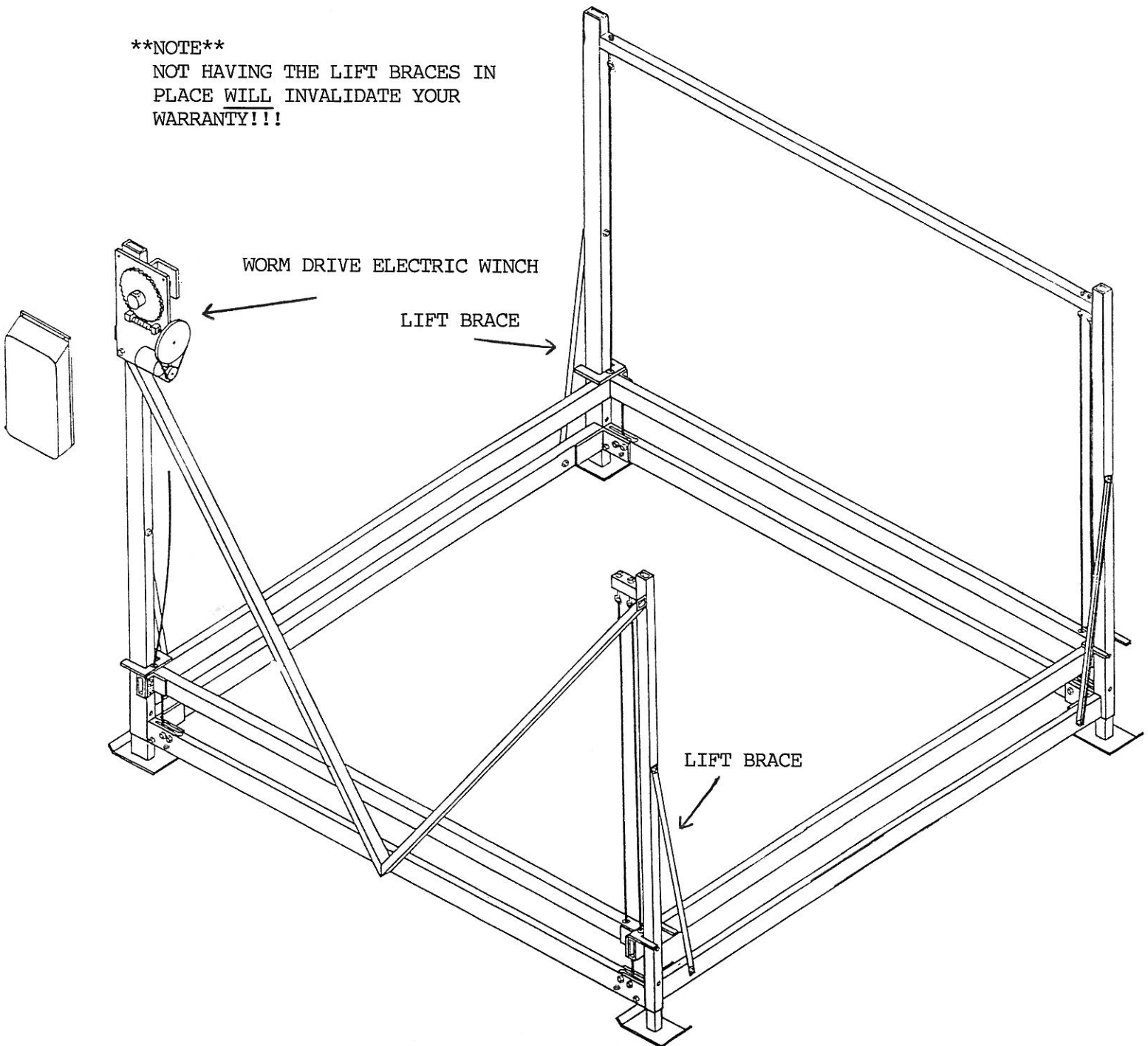
- (1) ATTACH I-BOLTS AS SHOWN. THE CONNECTIONS AT THE REAR OF EACH SIDE WILL UTILIZE (2) I-BOLTS & CABLES.
- (2) THE CONNECTION AT THE FRONT UPRIGHT OPPOSITE WINCH SIDE WILL UTILIZE (1) I-BOLT & CABLE.

STEP 7

- (1) ATTACH THE ELECTRIC WINCH TO THE LIFT USING "601060 WORM DRIVE WINCH INSTRUCTIONS" LOCATED TOWARDS THE BEGINNING OF THE OWNER'S MANUAL.
- (2) ATTACH THE CABLE TO THE DRIVE DRUM BY SLIDING THE CABLE THROUGH THE HOLE IN THE DRIVE DRUM FAR ENOUGH SO THE CABLE STICKS OUT FROM THE INSIDE OF THE DRIVE DRUM. THEN SLIDE THE LITTLE COLLAR WITH SET SCREW OVER THE END OF THE CABLE SO THE COLLAR IS ABOUT 1" DOWN ON THE CABLE AND TIGHTEN IN PLACE USING THE SET SCREW. THEN PULL THE CABLE BACK THROUGH THE DRIVE DRUM UNTIL THE COLLAR IS FIRM AGAINST THE INSIDE WALL OF THE DRIVE DRUM.
- (3) ATTACH ALL (4) LIFT BRACES TO THE LIFT.
USE WASHERS ON THE END OF THE LIFT BRACES THAT IS FORKED OR SLOTTED.

****NOTE****

NOT HAVING THE LIFT BRACES IN PLACE WILL INVALIDATE YOUR WARRANTY!!!

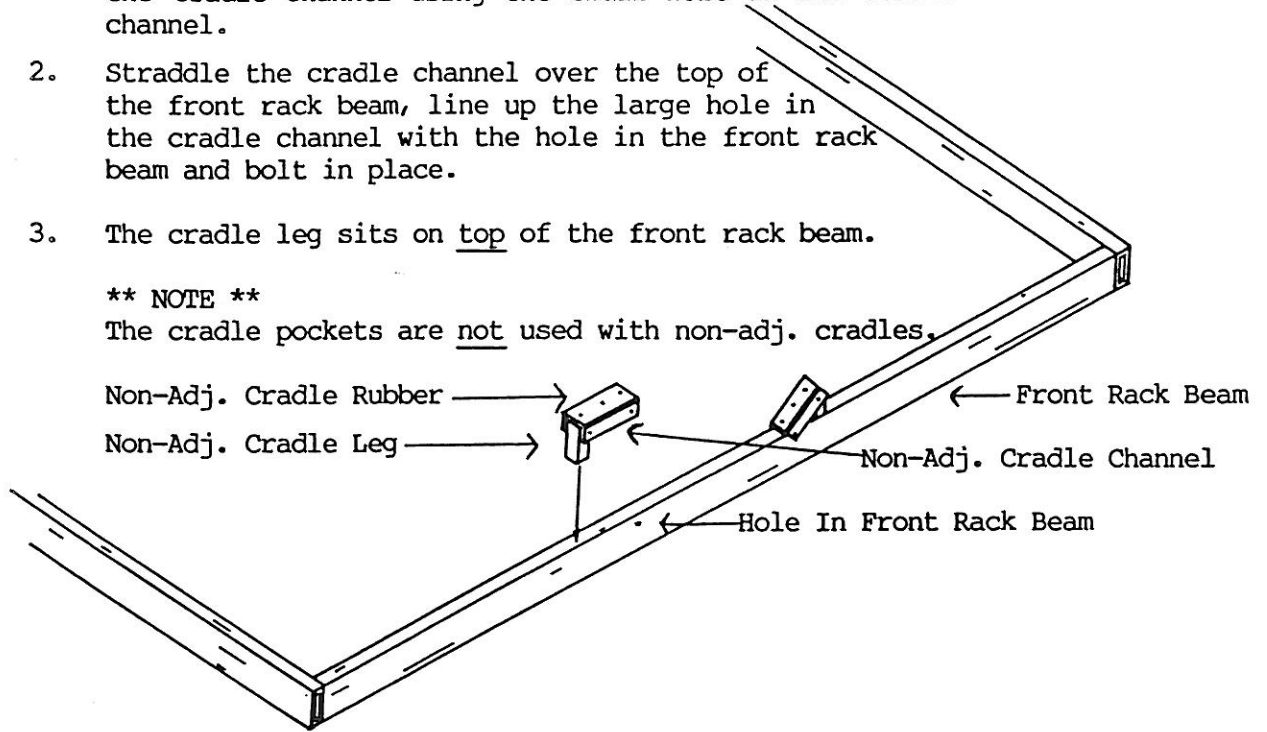


NON-ADJUSTABLE CRADLES

1. Bolt the cradle leg and rubber onto the cradle channel as shown in the picture. NOTE - Bolt the cradle leg to the cradle channel using the small hole in the cradle channel.
2. Straddle the cradle channel over the top of the front rack beam, line up the large hole in the cradle channel with the hole in the front rack beam and bolt in place.
3. The cradle leg sits on top of the front rack beam.

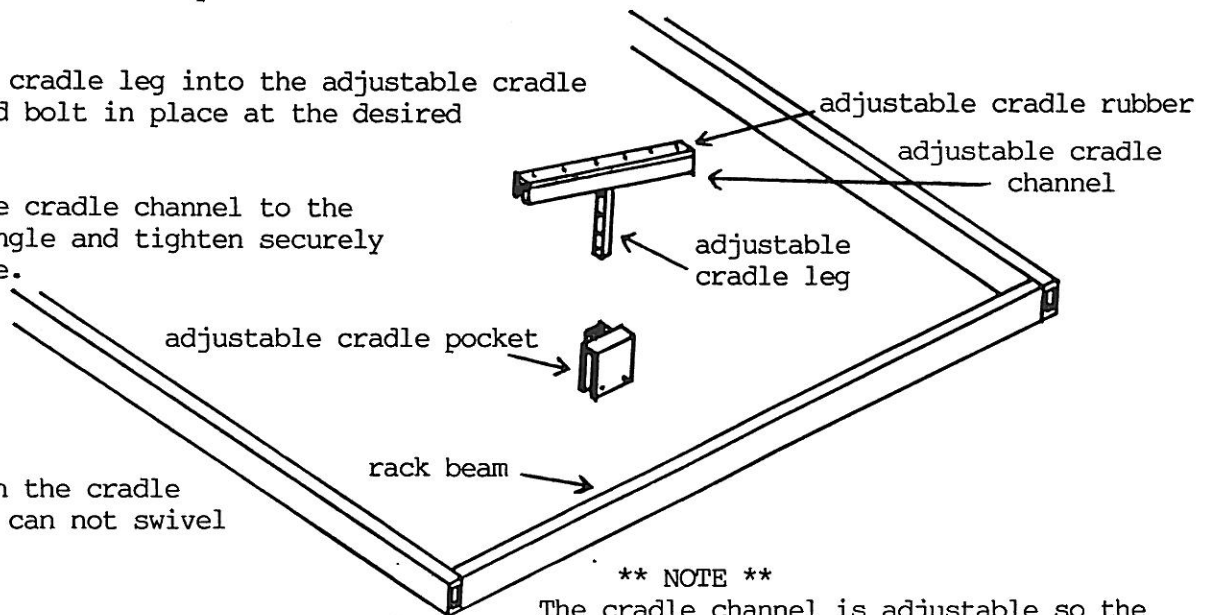
**** NOTE ****

The cradle pockets are not used with non-adj. cradles.



ADJUSTABLE CRADLES

1. Bolt the cradle leg and rubber onto the cradle channel as shown in the picture.
2. Slide the adjustable cradle pocket over the rack beam and bolt in place at the desired location.
3. Lower the cradle leg into the adjustable cradle pocket and bolt in place at the desired height.
4. Adjust the cradle channel to the desired angle and tighten securely into place.



**** CAUTION ****

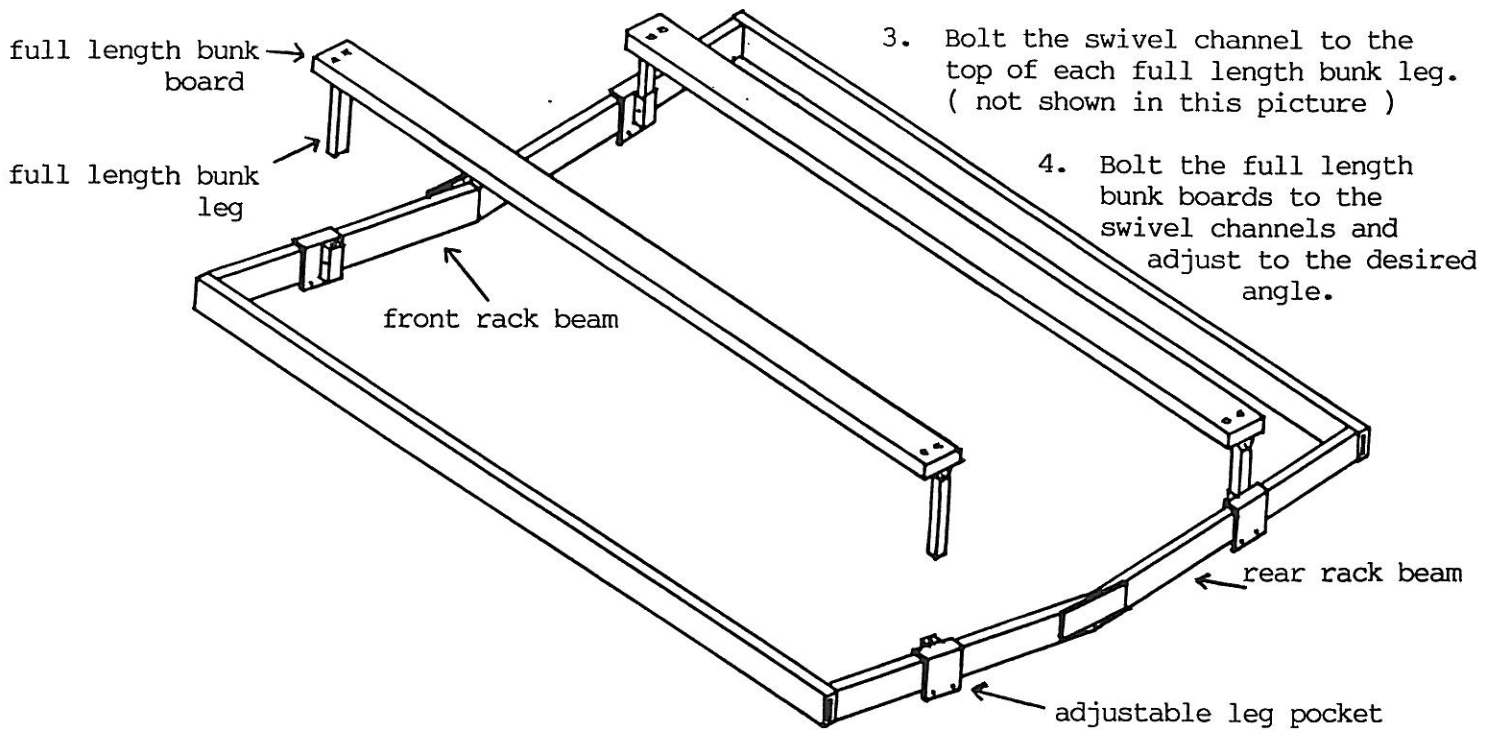
Always tighten the cradle channel so it can not swivel freely.

**** NOTE ****

The cradle channel is adjustable so the adjustable cradle can run either perpendicular or parallel with the boat.

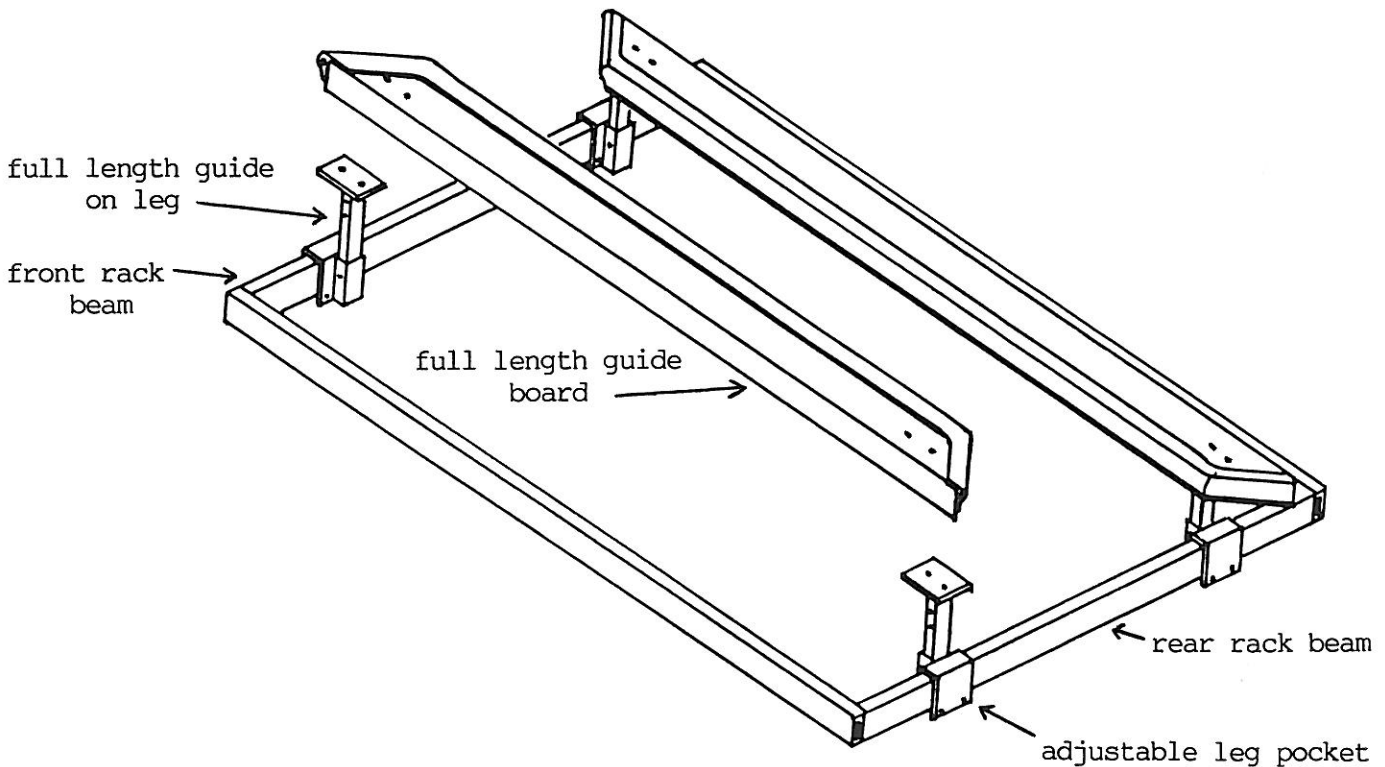
FULL LENGTH BUNKS

1. Bolt the adjustable leg pockets to the front & rear rack beams as shown.
2. Bolt the full length bunk legs to the adjustable leg pockets at the desired height.



FULL LENGTH GUIDE ONS

1. Bolt the adjustable leg pockets to the front & rear rack beams as shown.
2. Bolt the full length guide on legs to the adjustable leg pockets. Adjust the legs to the desired height.
3. Bolt the full length guide on boards to the legs as shown .

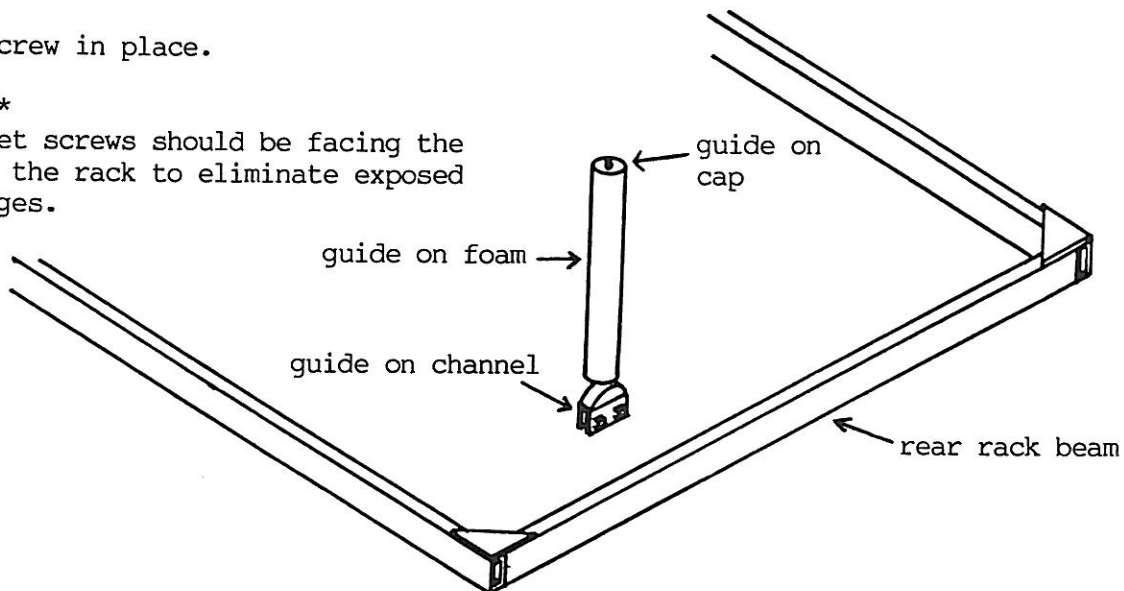


GUIDE ONS

1. Place the guide on channel over the front and/or rear rack beam.
2. Adjust to the desired width.
3. Set screw in place.

**** NOTE ****

All the set screws should be facing the middle of the rack to eliminate exposed jagged edges.

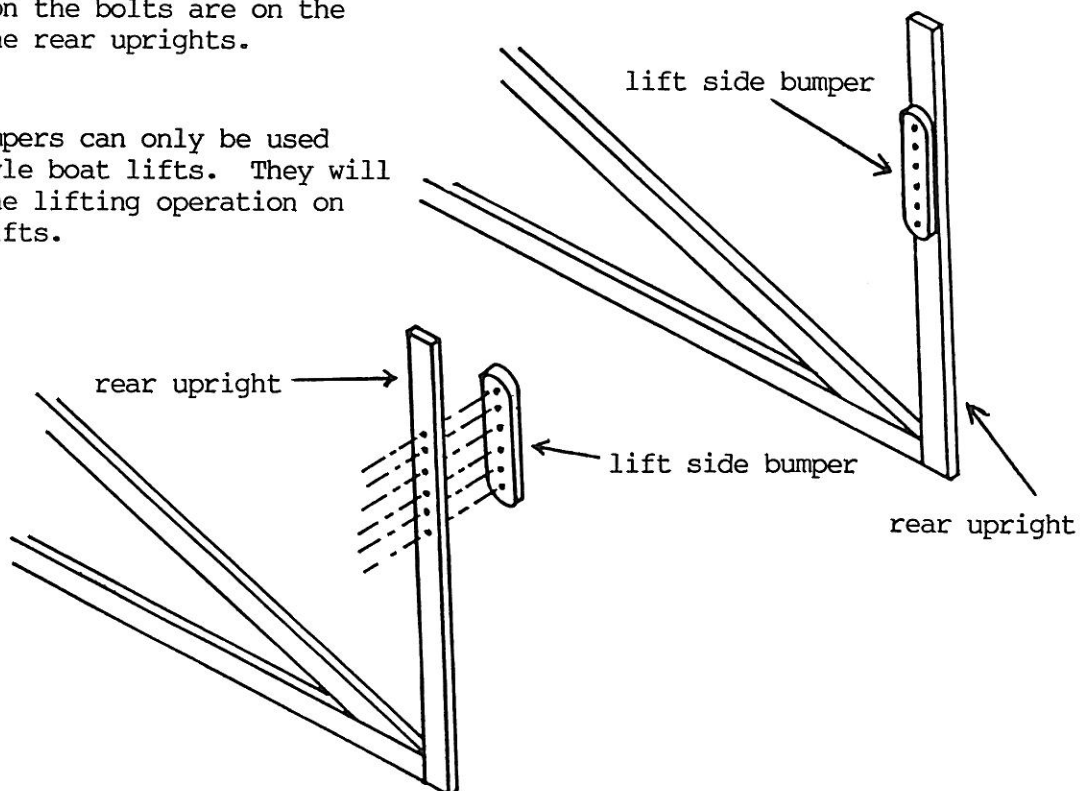


LIFT SIDE BUMPER

1. Place each lift side bumper on the insides of the rear uprights and bolt in place so the nuts on the bolts are on the outside of the rear uprights.

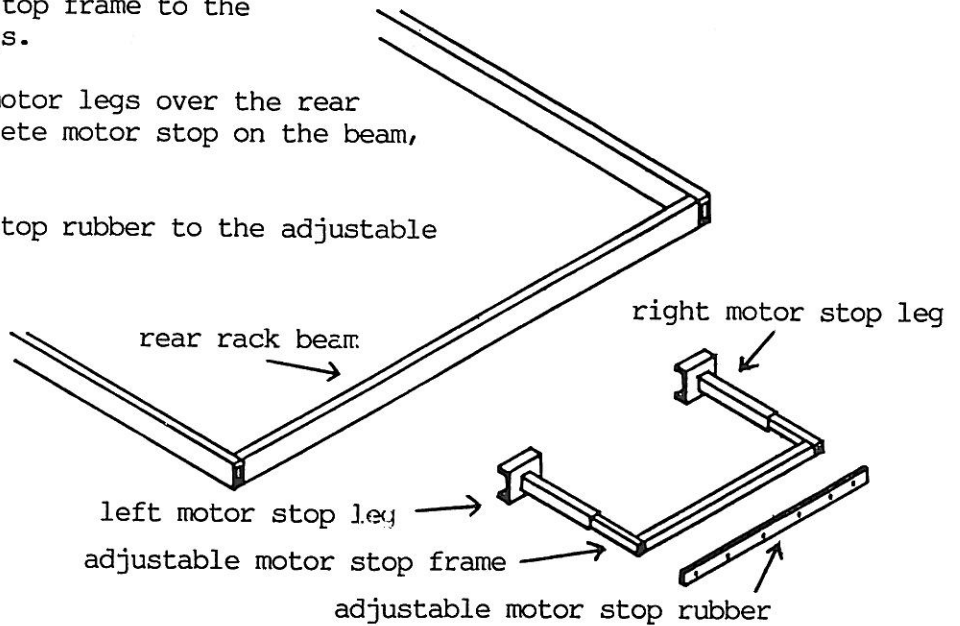
**** note ****

The lift side bumpers can only be used on cantilever style boat lifts. They will interfere with the lifting operation on vertical style lifts.



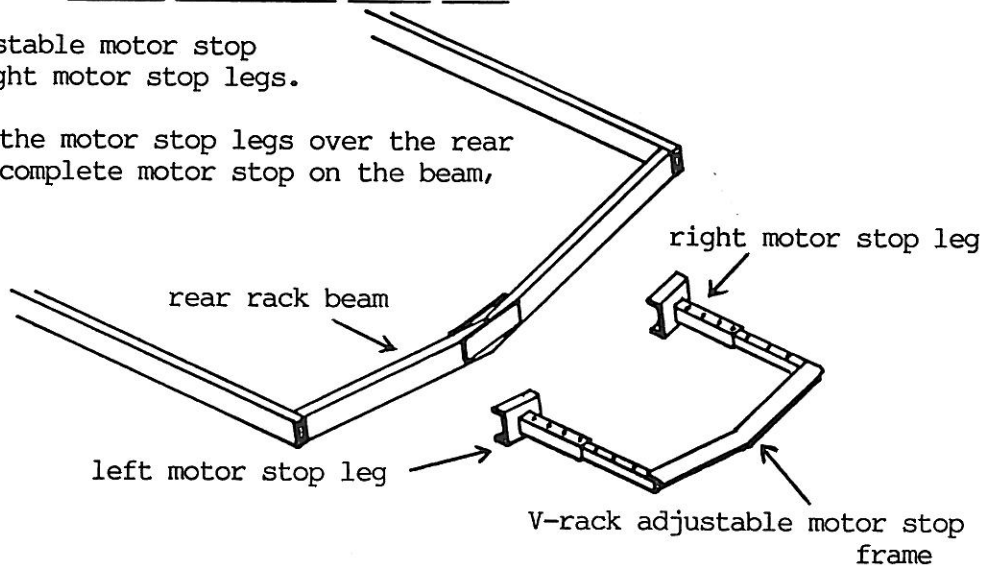
ADJUSTABLE MOTOR STOP

1. Bolt the adjustable motor stop frame to the left & right motor stop legs.
2. Slide the channels on the motor legs over the rear rack beam, center the complete motor stop on the beam, and bolt in place.
3. Bolt the adjustable motor stop rubber to the adjustable motor stop frame.



V-RACK ADJUSTABLE MOTOR STOP

1. Bolt the V-rack adjustable motor stop frame to the left & right motor stop legs.
2. Slide the channels on the motor stop legs over the rear rack beam, center the complete motor stop on the beam, and bolt in place.



18" BUNK BRACKET

1. Slide the adjustable cradle pockets over the front & rear rack beam and bolt in place at the desired location.
2. Slide the cradle leg into the adjustable cradle pockets and bolt in place at the desired height.
3. Bolt the swivel channels to the top of each cradle leg at the desired angle.

