

# 1264 -1296 Vertical Lift:

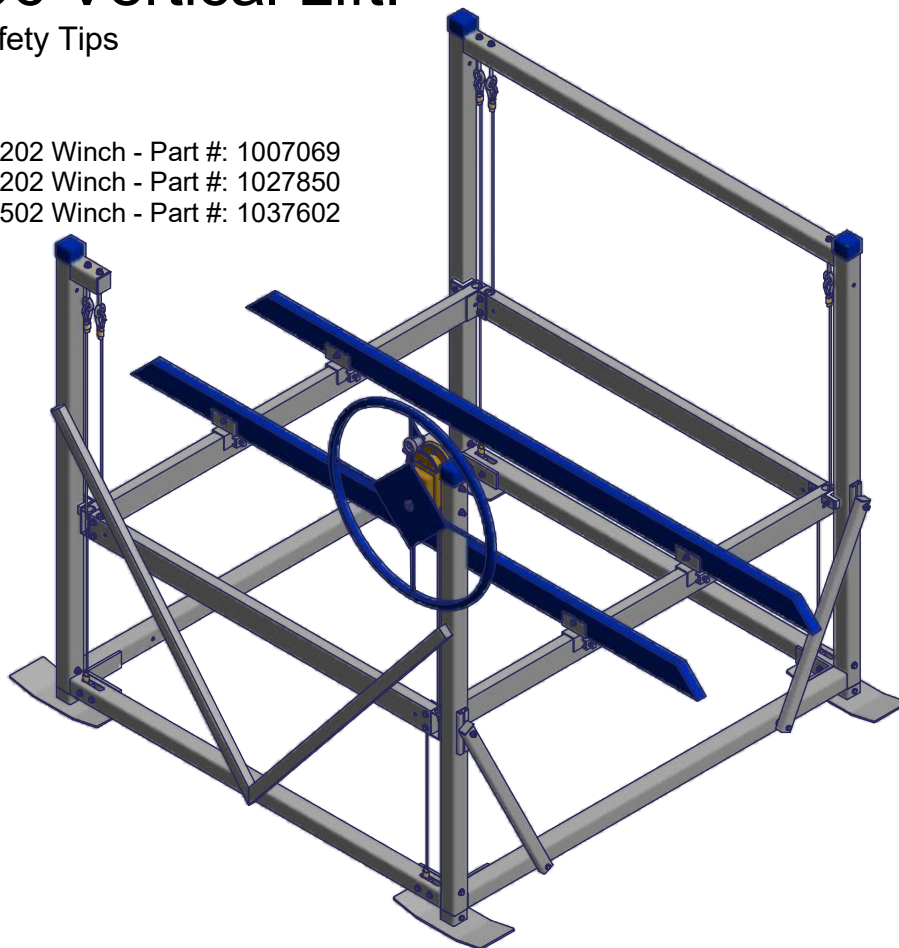
Instructions and Safety Tips  
1200 lb. Capacity

Models:

1264 Vertical Lift with 1202 Winch - Part #: 1007069

1296 Vertical Lift with 1202 Winch - Part #: 1027850

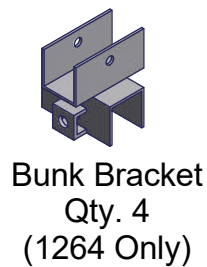
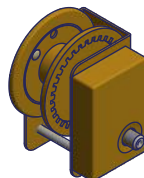
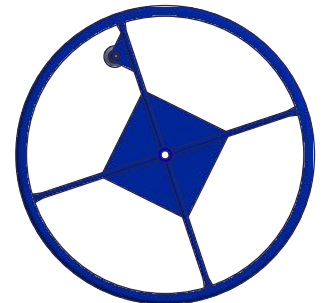
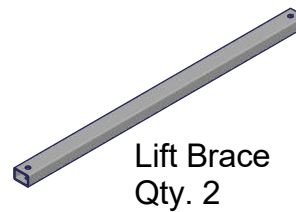
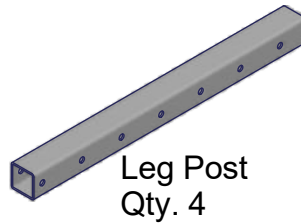
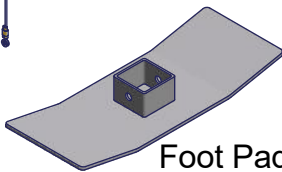
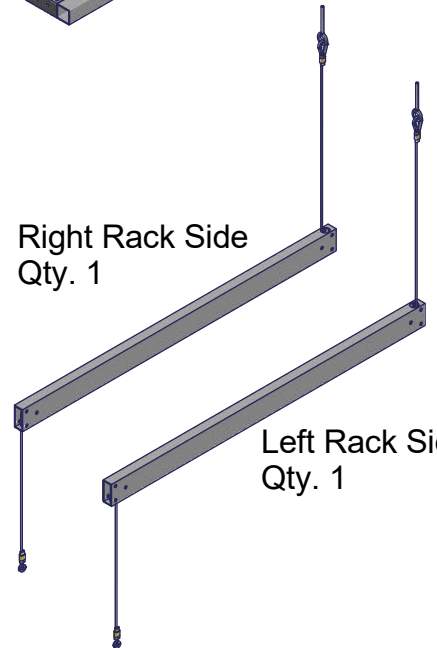
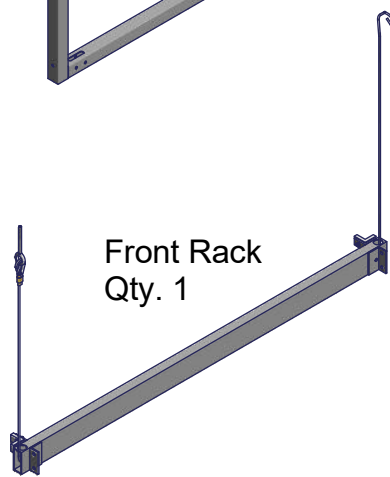
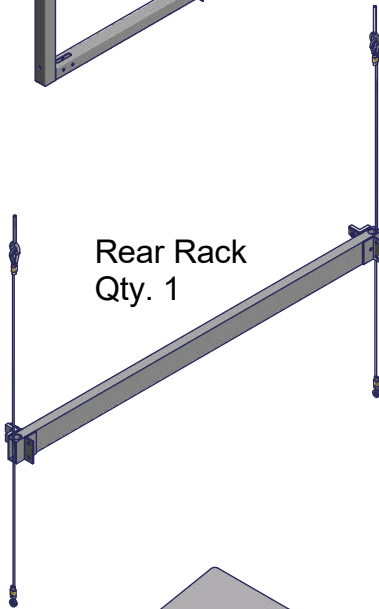
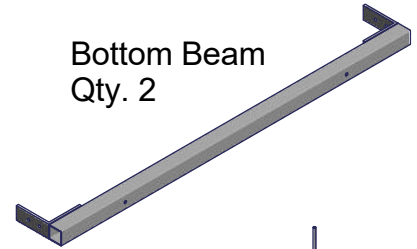
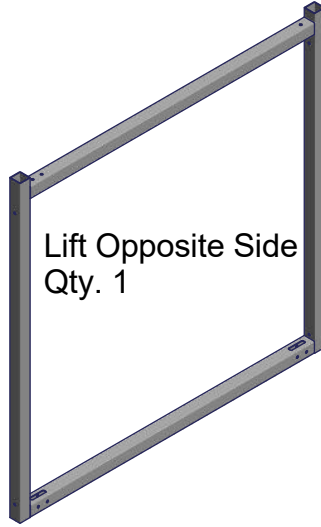
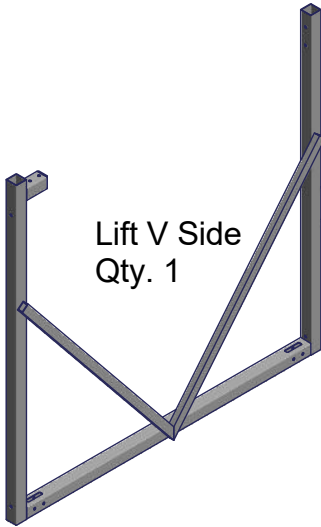
1296 Vertical Lift with 1502 Winch - Part #: 1037602



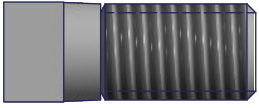
## **⚠ WARNING** - PUT SAFETY FIRST

1. NOT COMPLYING WITH THE PROCEDURES AND PRECAUTIONS OUTLINED IN THIS MANUAL MAY RESULT IN PERSONAL INJURY OR DEATH AND WILL INVALIDATE THE WARRANTY.
2. Before attempting to install or operate this hoist, study and fully understand the proper operating procedures and safety precautions outlined in this owner's manual.
3. Never exceed the recommended weight capacity of your lift. The lifted weight will include hull, engine, fuel, battery, and added accessories or gear. Weigh your fully loaded boat at a certified scale to be absolutely sure of the total weight.
4. To avoid personal injury or death do not allow anyone on, in or under the lift while operating.
5. If you have any questions about assembly, installation, operation or suitability of this product, contact an authorized dealer or ShoreMaster directly at 1-800-328-8945.

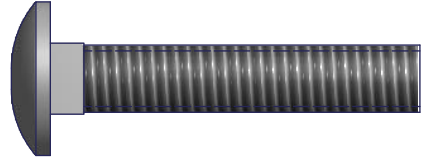
# PARTS LIST



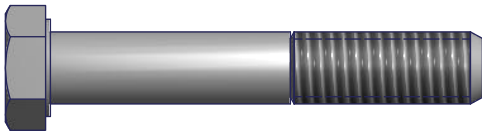
# FASTENERS AND HARDWARE



1/2 X 1-1/4 SET SCREW



3/8 x 1-3/4 CARRIAGE BOLT SS



3/8 X 2-1/4 HEX BOLT



3/8 FLANGE NUT



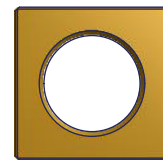
3/8 X 2-3/4 HEX BOLT



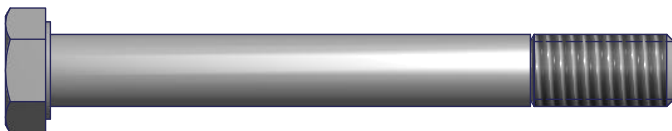
3/8 NYLOC NUT



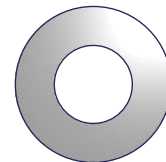
3/8 X 3.0 HEX BOLT



1/2 SQUARE NUT



3/8 X 3-1/4 HEX BOLT

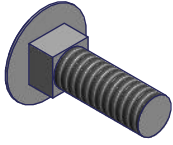


3/8 FLAT WASHER

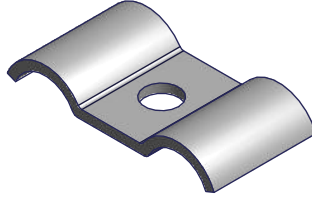


3/8 X 4.0 HEX BOLT

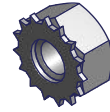
# WINCH HARDWARE KIT



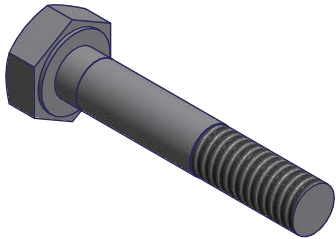
1/4 X 3/4 CARRIAGE BOLT  
QTY. ONE



CABLE CLAMP  
QTY. ONE



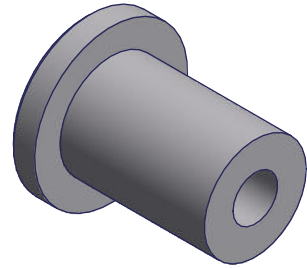
1/4 NUT W/ STAR WASHER  
QTY. ONE



5/16 X 1-3/4 HEX BOLT  
QTY. ONE



5/16 LOCK WASHER  
QTY. ONE

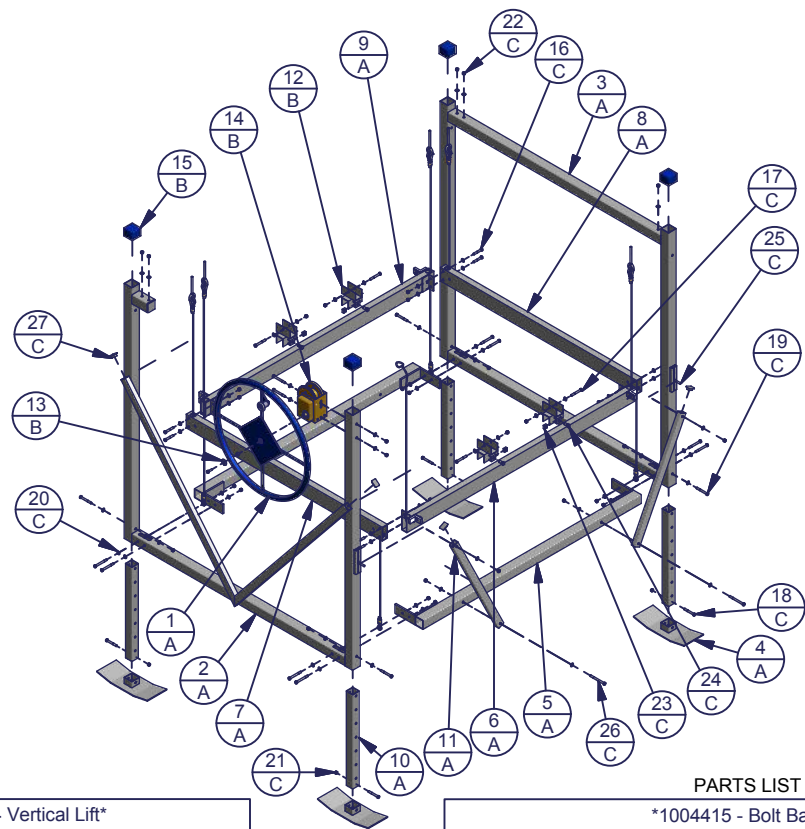


WHEEL SPACER  
QTY. ONE

# ShoreMaster

## 1264 Vertical Lift w/1202 Winch

Part Number: 1007069



PARTS LIST "A"

*1003932 - Bundle 1264 Vertical Lift*			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1007448	WHEEL
2	1	1003638	Lift V Side
3	1	1003639	Lift Opposite Side
4	4	1003636	Foot Pad
5	2	1003637	Bottom Beam
6	1	1007408	Front Rack
	1	1007758	Front Rack Welded Only
	1	1021323	Front Cable
7	1	1007452	Rack Side Right
	1	1007794	Rack Side Tube
	1	1021307	Side Cable
8	1	1007451	Rack Side Left
	1	1007794	Rack Side Tube
9	1	1007443	Rear Rack
	1	1007791	Rear Rack Welded Only
	2	1021324	Rear Cable
10	4	1003112	Leg Post
11	2	1003084	Lift Brace

PARTS LIST "B"

*1004416 - Hardware Box 1264*			
ITEM	QTY	PART NUMBER	DESCRIPTION
12	4	1005604	Bunk Bracket
13	1	1002033	Hardware Bag - Winch
14	1	1002027	Winch 1202 w/ Bolt Bag
15	4	1001816	Cap Blue #15 - 2.313x2.313

PARTS LIST "C"

*1004415 - Bolt Bag 1264*			
ITEM	QTY	PART NUMBER	DESCRIPTION
16	8	1002429	Bolt Hex 3/8-16 x 2.25 SS 304
17	8	1002431	Bolt Hex 3/8-16 x 2.75 SS 304
18	4	1002432	Bolt Hex 3/8-16 x 3.0 SS 304
19	10	1002436	Bolt Hex 3/8-16 x 3.25 SS 304
20	63	1002599	Washer Flat 3/8 SS
21	24	1001802	Nut Hex 3/8-16 Brass
22	15	1001805	Nut Nyloc 3/8-16 Brass
23	4	1001793	Nut Square 1/2-13 Brass
24	4	1002558	Set Screw 1/2-13 x 1.25 SS 304 Cup Point
25	2	1001959	Bolt Carriage 3/8-16 x 1.75 SS
26	2	1002438	Bolt Hex 3/8-16 x 4.0 SS 304
27	4	1000986	Cap Press-In 1.125 x 1.625 Silver W/Logo

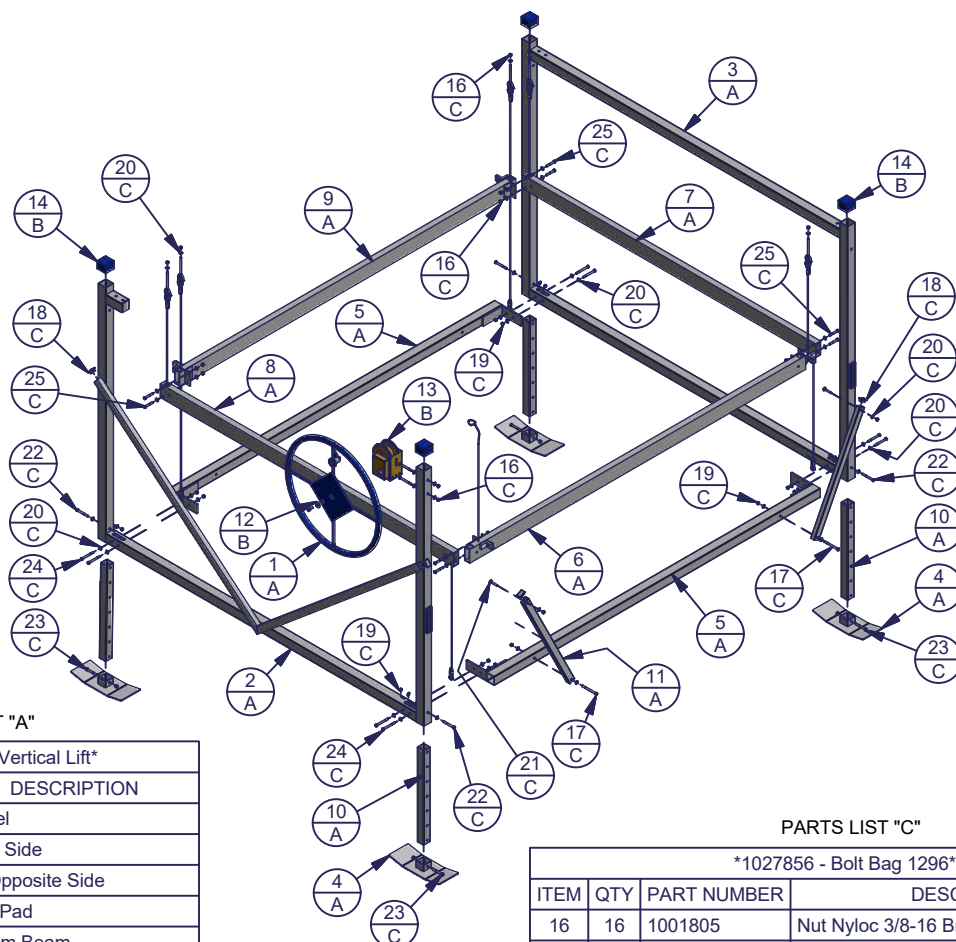
\*Pulley Parts\*

QTY	PART NUMBER	DESCRIPTION
4	1000850	Guide 1.0 - Plastic Guide Angle 2 x 2 x .5
4	1002115	Bolt Truss 1/4 - 20 x 1.0
4	1001797	Nut 1/4 Brass
4	1002572	Washer Lock 1/4
10	1004673	BRASS SHEEVE 3.125
12	1007789	BUSHING FRONT & SIDE
2	1007790	SLEEVE FOR PULLEY
8	1002430	BOLT TRUSS 3/8 X 2.25
8	1001805	NUT 3/8 NYLOC BRASS

# ShoreMaster

## 1296 Vertical Lift w/1202 Winch

Part Number: 1027850



PARTS LIST "A"

*1027849 - Bundle 1296 Vertical Lift*			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1007448	Wheel
2	1	1027838	Lift V Side
3	1	1027839	Lift Opposite Side
4	4	1003636	Foot Pad
5	2	1027837	Bottom Beam
6	1	1027845	Front Rack
	1	1027840	Front Rack Welded Only
	1	1027842	Front Cable
7	1	1027846	Rack Side Opposite
	1	1027832	Rack Side Tube
	1	1027843	Side Cable
8	1	1027847	Rack Side Winch
	1	1027832	Rack Side Tube
9	1	1027848	Rear Rack
	1	1027841	Rear Rack Welded Only
	2	1027844	Rear Cable
10	4	1003112	Leg Post
11	2	1003084	Lift Brace

PARTS LIST "B"

*1027855 - Hardware Box 1296*			
ITEM	QTY	PART NUMBER	DESCRIPTION
12	1	1013137	Wheel Spacer Kit
13	1	1002027	Winch 1202 w/ Bolt Bag
14	4	1001816	Cap Blue #15 - 2.313x2.313
15	1	1027856	Bolt Bag 1296

PARTS LIST "C"

*1027856 - Bolt Bag 1296*			
ITEM	QTY	PART NUMBER	DESCRIPTION
16	16	1001805	Nut Nyloc 3/8-16 Brass
17	2	1002438	Bolt Hex 3/8-16 x 4.0 SS 304
18	4	1000986	Cap Press-In 1.125 x 1.625 Silver W/Logo
19	20	1001802	Nut Hex Flange 3/8-16 Brass
20	64	1002599	Washer Flat 3/8 SS
21	2	1001959	Bolt Carriage 3/8-16 x 1.75 SS
22	4	1002432	Bolt Hex 3/8-16 x 3.0 SS 304
23	4	1002431	Bolt Hex 3/8-16 x 2.75 SS 304
24	10	1002436	Bolt Hex 3/8-16 x 3.25 SS 304
25	8	1002429	Bolt Hex 3/8-16 x 2.25 SS 304

\*Pulley Parts\*

QTY	PART NUMBER	DESCRIPTION
4	1000850	Guide 1.0 - Plastic Guide Angle 2 x 2 x .5
4	1002115	Bolt Truss 1/4 - 20 x 1.0
4	1001797	Nut 1/4 Brass
4	1002572	Washer Lock 1/4
10	1004673	BRASS SHEEVE 3.125
12	1007789	BUSHING FRONT & SIDE
2	1007790	SLEEVE FOR PULLEY
8	1002430	BOLT TRUSS 3/8 X 2.25
8	1001805	NUT 3/8 NYLOC BRASS

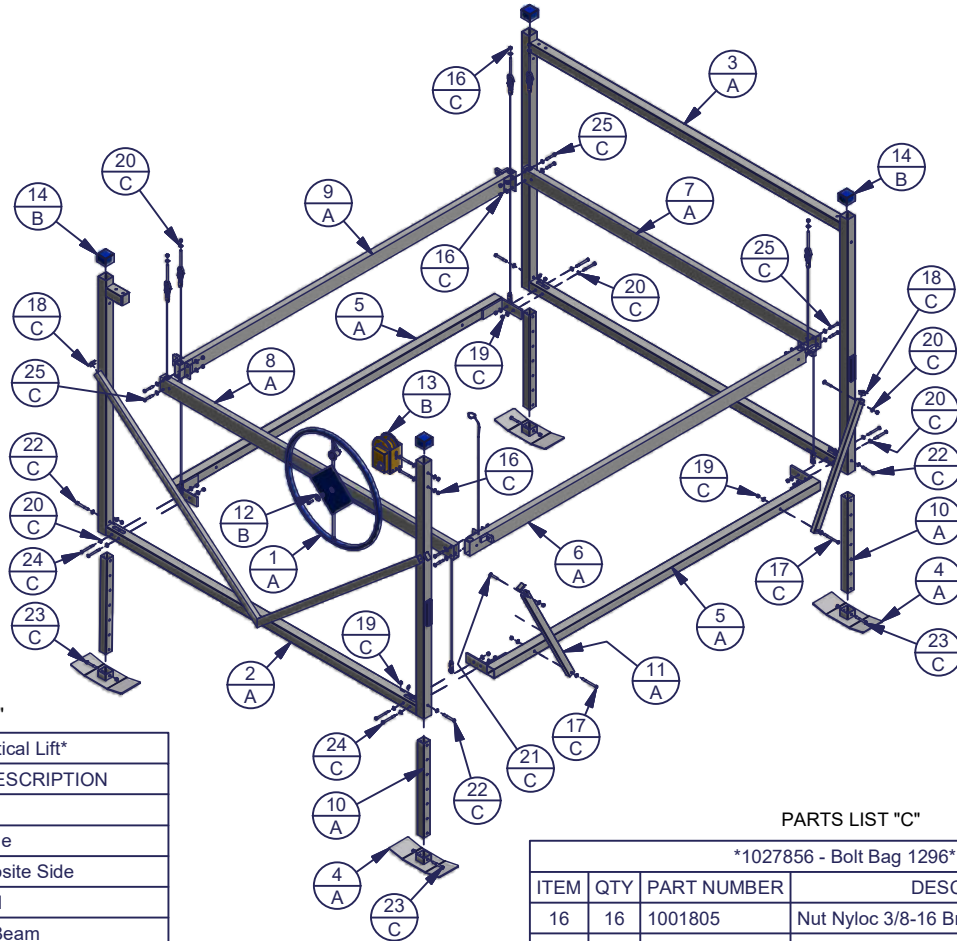




# ShoreMaster

## 1296 Vertical Lift w/1502 Winch

Part Number: 1037602



PARTS LIST "A"

*1027849 - Bundle 1296 Vertical Lift*			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1007448	Wheel
2	1	1027838	Lift V Side
3	1	1027839	Lift Opposite Side
4	4	1003636	Foot Pad
5	2	1027837	Bottom Beam
6	1	1027845	Front Rack
	1	1027840	Front Rack Welded Only
	1	1027842	Front Cable
7	1	1027846	Rack Side Opposite
	1	1027832	Rack Side Tube
	1	1027843	Side Cable
8	1	1027847	Rack Side Winch
	1	1027832	Rack Side Tube
9	1	1027848	Rear Rack
	1	1027841	Rear Rack Welded Only
	2	1027844	Rear Cable
10	4	1003112	Leg Post
11	2	1003084	Lift Brace

PARTS LIST "B"

*1037606 - Hardware Box 1296*			
ITEM	QTY	PART NUMBER	DESCRIPTION
12	1	1013137	Wheel Spacer Kit
13	1	1002028	Winch 1502 w/ Bolt Bag
14	4	1001816	Cap Blue #15 - 2.313x2.313
15	1	1027856	Bolt Bag 1296

PARTS LIST "C"

*1027856 - Bolt Bag 1296*			
ITEM	QTY	PART NUMBER	DESCRIPTION
16	16	1001805	Nut Nyloc 3/8-16 Brass
17	2	1002438	Bolt Hex 3/8-16 x 4.0 SS 304
18	4	1000986	Cap Press-In 1.125 x 1.625 Silver W/Logo
19	20	1001802	Nut Hex Flange 3/8-16 Brass
20	64	1002599	Washer Flat 3/8 SS
21	2	1001959	Bolt Carriage 3/8-16 x 1.75 SS
22	4	1002432	Bolt Hex 3/8-16 x 3.0 SS 304
23	4	1002431	Bolt Hex 3/8-16 x 2.75 SS 304
24	10	1002436	Bolt Hex 3/8-16 x 3.25 SS 304
25	8	1002429	Bolt Hex 3/8-16 x 2.25 SS 304

\*Pulley Parts\*

QTY	PART NUMBER	DESCRIPTION
4	1000850	Guide 1.0 - Plastic Guide Angle 2 x 2 x .5
4	1002115	Bolt Truss 1/4 - 20 x 1.0
4	1001797	Nut 1/4 Brass
4	1002572	Washer Lock 1/4
10	1004673	BRASS SHEEVE 3.125
12	1007789	BUSHING FRONT & SIDE
2	1007790	SLEEVE FOR PULLEY
8	1002430	BOLT TRUSS 3/8 X 2.25
8	1001805	NUT 3/8 NYLOC BRASS

# ASSEMBLY INSTRUCTIONS

## **⚠ WARNING** - PUT SAFETY FIRST

NOT COMPLYING WITH THE PROCEDURES AND PRECAUTIONS OUTLINED IN THIS MANUAL MAY RESULT IN PERSONAL INJURY OR DEATH AND WILL INVALIDATE THE WARRANTY.

Your safety is the most important issue related to this product.

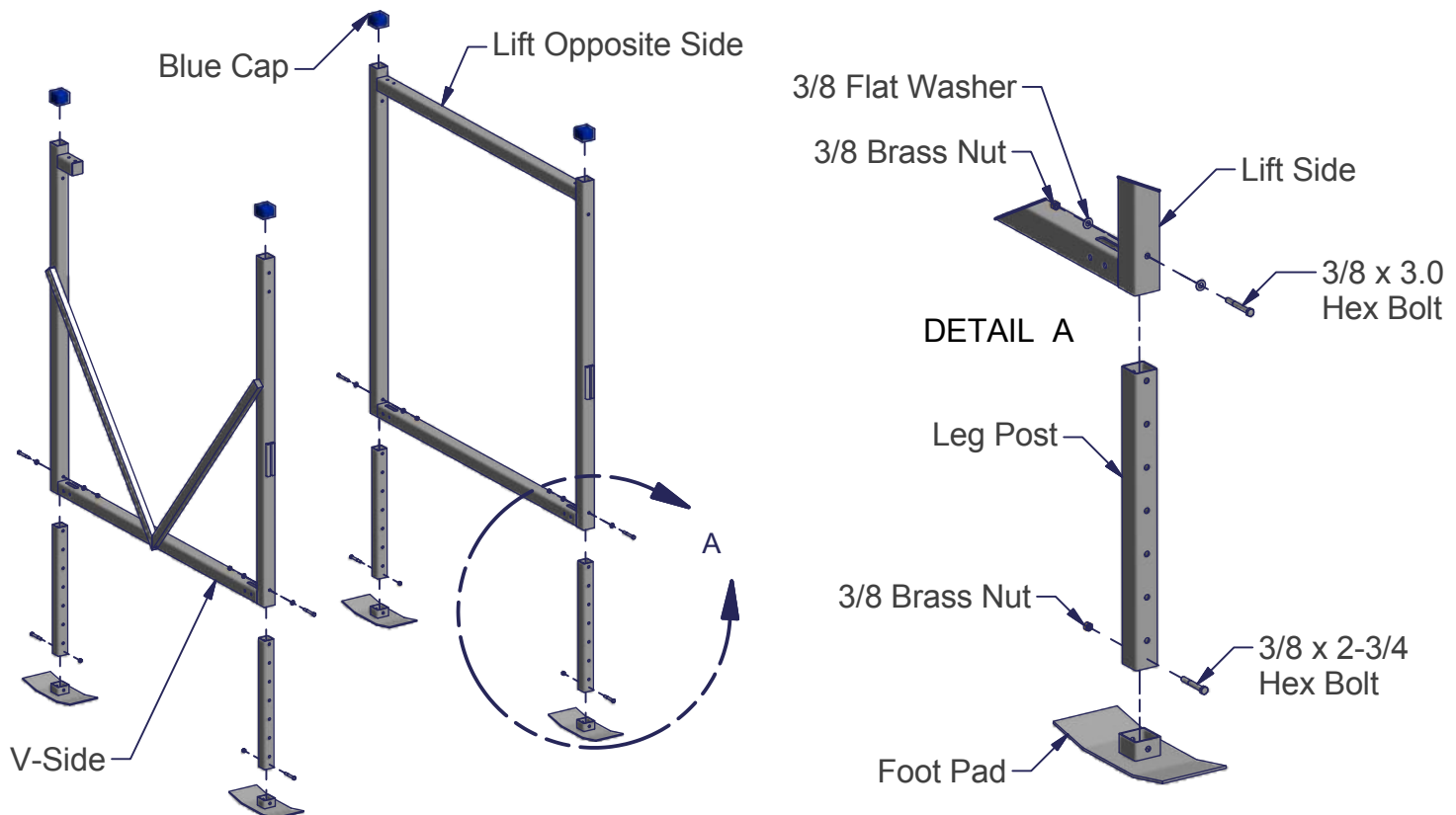
- Fully read and understand each step before proceeding with that step.
- Wear protective gloves, clothing and eyewear when assembling and installing the lift.
- Do not assemble, install or use this product if items are missing or damaged.
- Leave all hardware finger tight until lift is completely assembled, then tighten all hardware.

For ease of assembly find a flat area with plenty of room to assemble lift. The following tools will be needed for assembling lift:

- |                         |                               |
|-------------------------|-------------------------------|
| 1. 7/16" Wrench         | 5. Tin Snips (to open bundle) |
| 2. Two 9/16" Wrenches   | 6. Vise Grip                  |
| 3. Measuring Tape       | 7. Hammer                     |
| 4. Sharp Knife or Razor | 8. Square                     |

## STEP 1

Slide Blue Caps on uprights as shown. Insert all four Leg Posts into Foot Pads, secure using one 3/8 x 2-3/4 Hex Bolt and one 3/8 Brass Nut in each place. Insert Leg Posts into V-Side Lift and Opposite Lift Side as shown. Use one 3/8 x 2-3/4 Hex Bolt, two 3/8 Flat Washers and one 3/8 Brass Nut for each Leg Post.





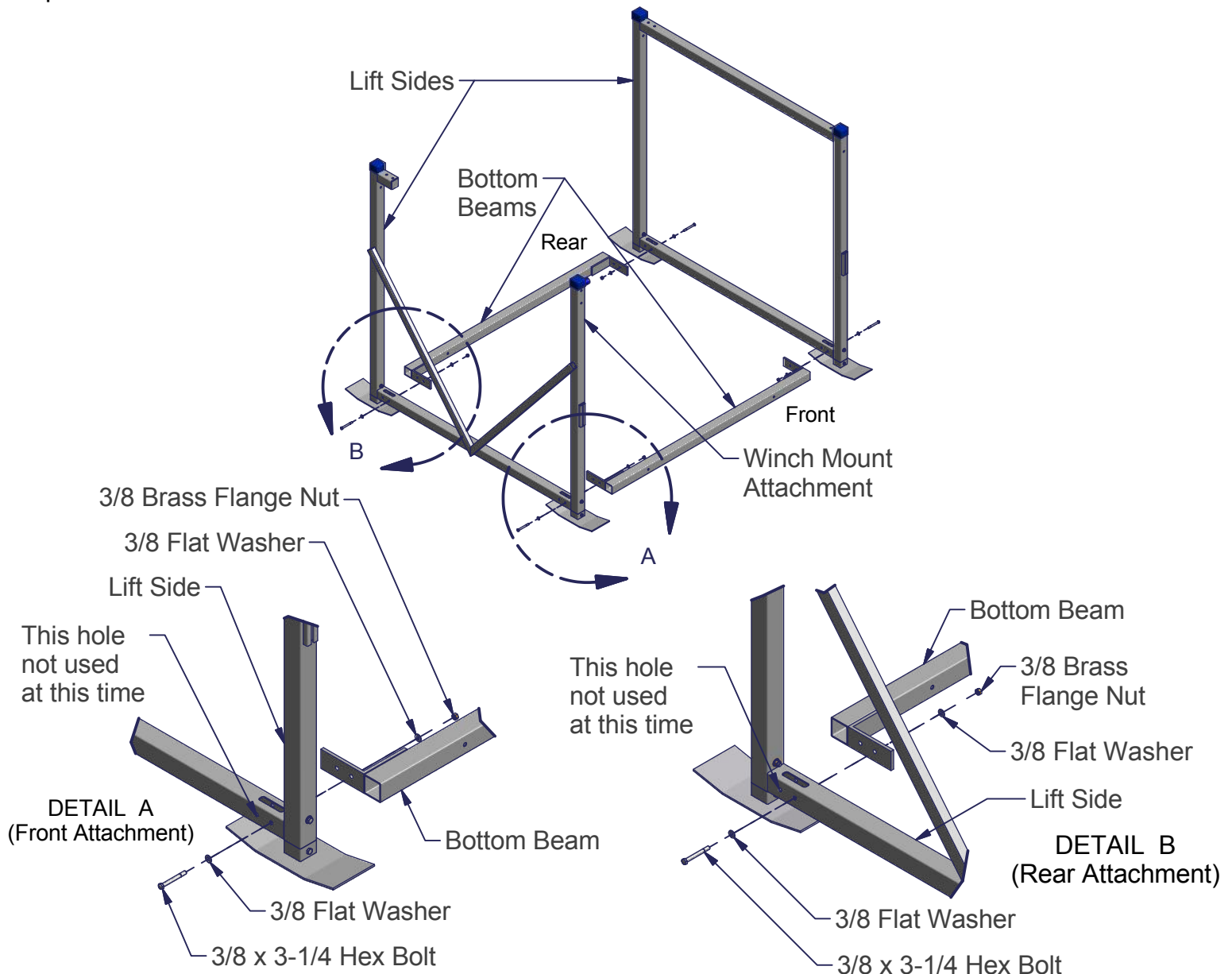
## STEP 2

Place the V-Side Lift and Lift Opposite Side about 5 feet apart as shown. Attach one Bottom Beam to the *front* of the Lift Sides. Secure to each side with one 3/8 x 3-1/4 Hex Bolt, two 3/8 Flat Washers and one 3/8 Brass Flange Nut - as shown in Detail "A."

Attach the other Bottom Beam to the *rear* of the Lift Sides. Secure to each side with one 3/8 x 3-1/4 bolt, two 3/8 Flat Washers and one 3/8 Brass Flange Nut - as shown in Detail "B".

**Note:** The *front* is indicated by the winch mount attachment - as shown.

**Note:** Bolt only one of the two holes at each corner at this time. The remaining hole will be used in a later step. See Detail "A" and "B" for the connection holes to use at this time.



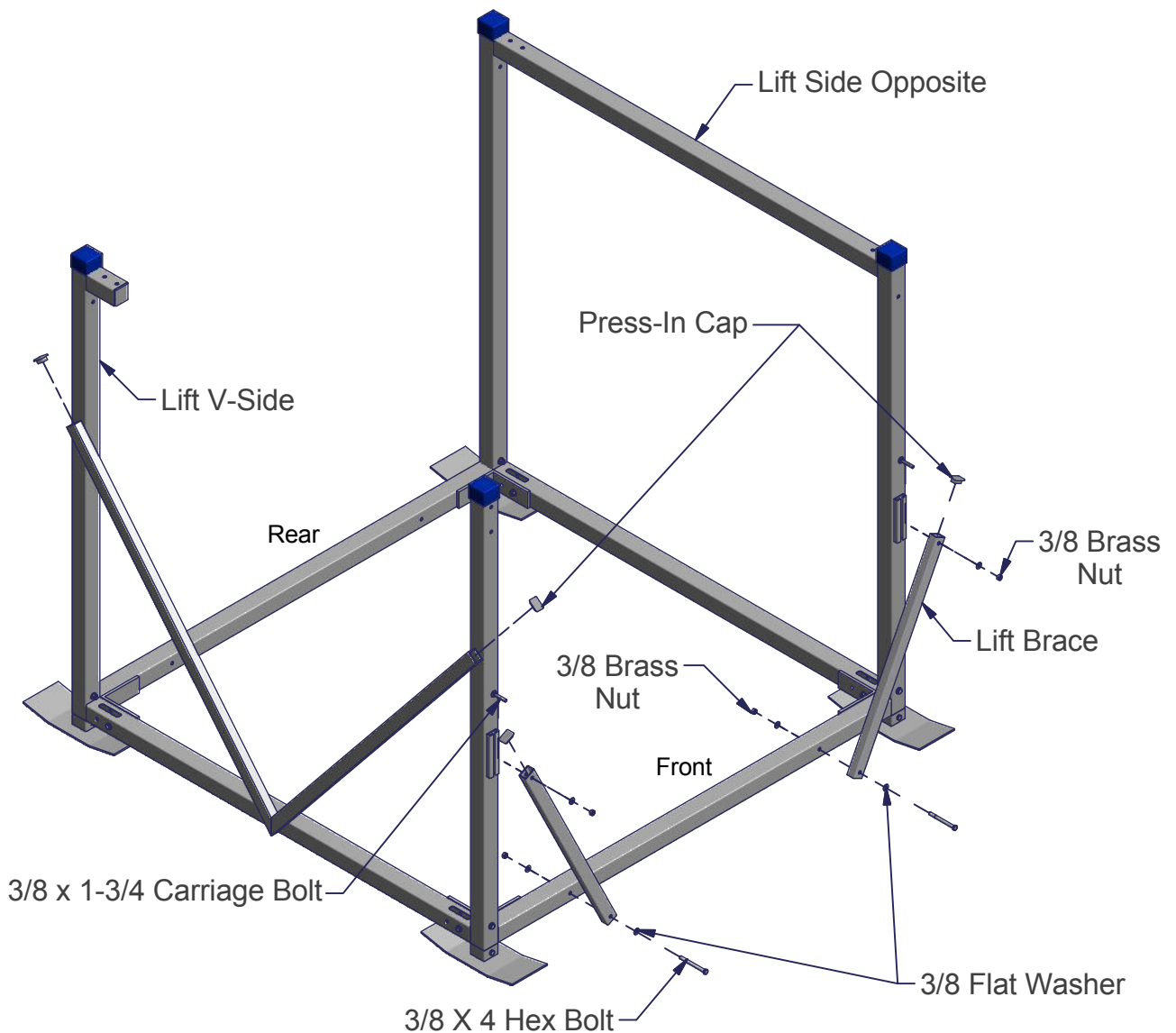
### STEP 3

Attach both Lift Braces to the Bottom Beam with one 3/8 x 4 Hex Bolt, two 3/8 Flat Washers and one 3/8 Brass Nut - as shown.

Attach one Lift Brace to the T-slot on the front of each Lift Side with one 3/8 x 1-3/4 Carriage Bolt, one 3/8 Flat Washer and one 3/8 Brass Nut - as shown. Attach by sliding bolt into T-Slot then placing brace over bolt, and gently tighten.

To square the lift frame, take two measurements between the Lift Sides, diagonally. The two measurements should be the same. Once lift is square, tighten all bolts.

Insert Press-In Caps into Lift Braces and Lift Side Diagonals.



## STEP 4

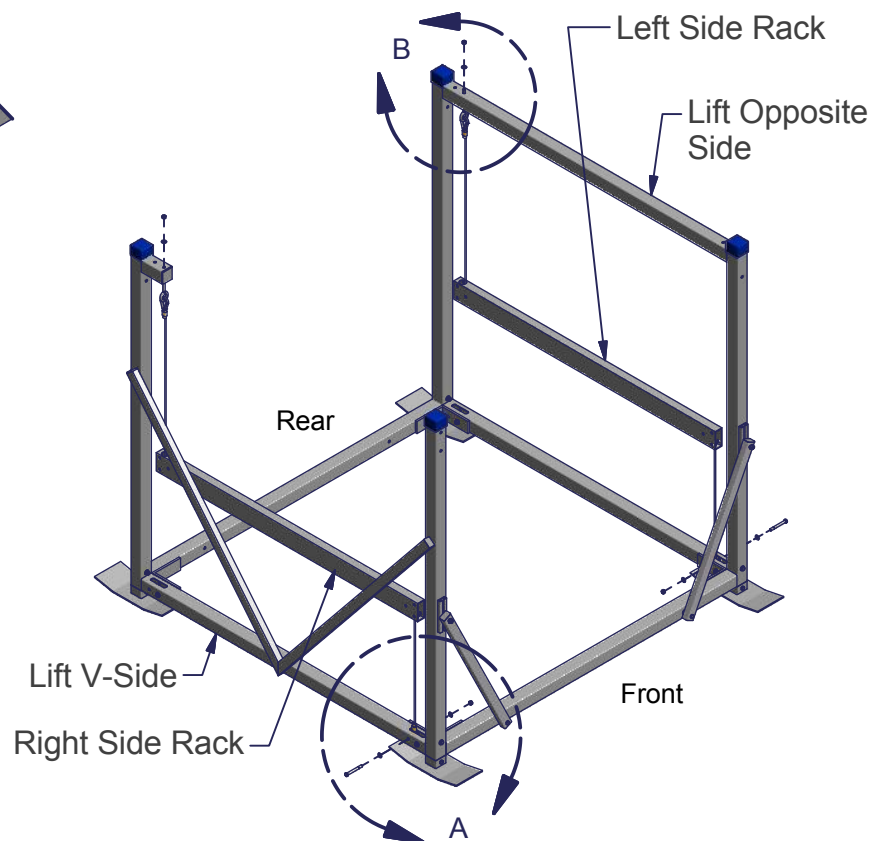
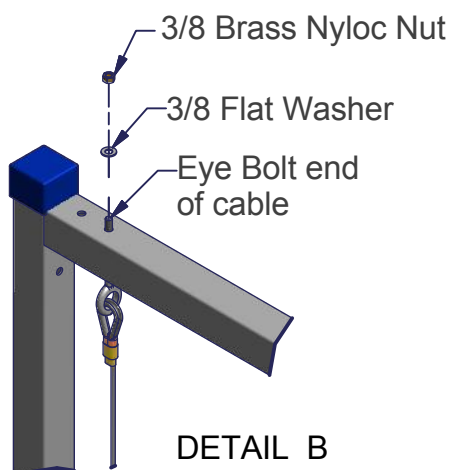
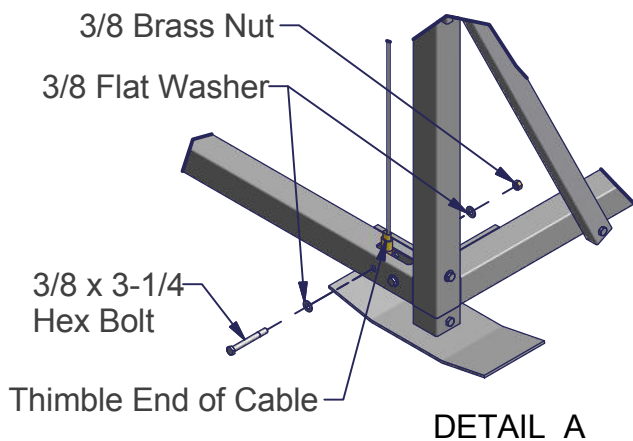
Set Right Side Rack in the Lift V-Side and the Left Side Rack in the Lift Opposite Side - as shown.

**Note:** The bolt heads for the pulleys must be facing toward the outside of the lift.

Set thimble end of cable in the slot of the front of the lift side bottom. Secure with one 3/8 x 3-1/4 Hex bolt, two 3/8 Flat Washers and one 3/8 Brass Nut - as shown in Detail "A".

Insert the Eye Bolt end of cable through the hole in the lift side top. Secure with one 3/8 Flat Washer and one 3/8 Brass Nyloc Nut - as shown in Detail "B".

**Note:** Be sure the washer is in place and that the nyloc nut is tightend so at least 1/4" of Eye Bolt thread is exposed.



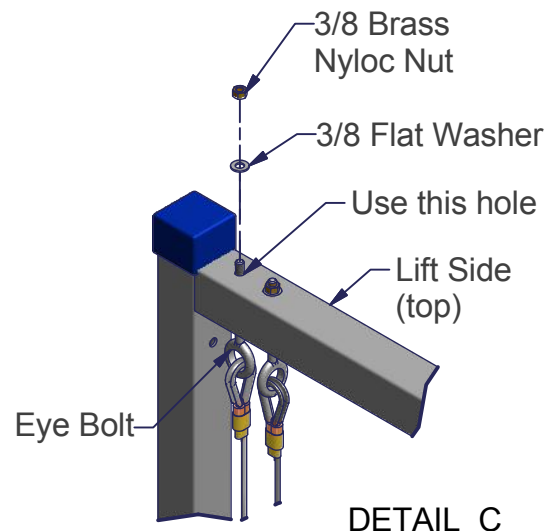
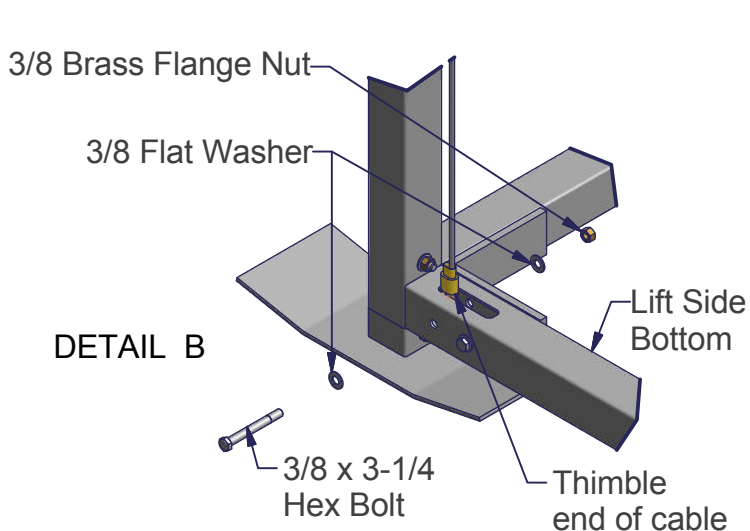
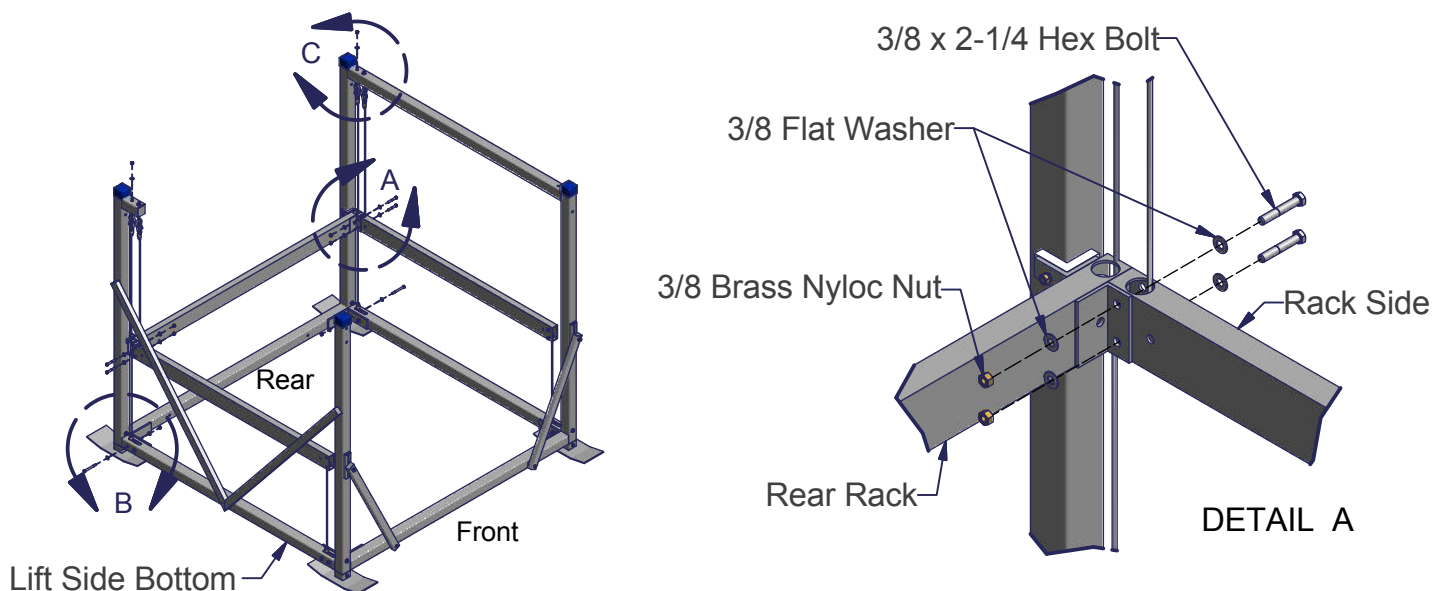
## STEP 5

Attach the Rear Rack to each Rack Side. Secure at each end with two 3/8 x 2-1/4 Hex Bolts, four 3/8 Flat Washers and two 3/8 Brass Nyloc Nuts - as shown in Detail "A".

Set thimble end of cable into the slot in the rear of the Lift Side bottom. Secure with one 3/8 x 3-1/4 Hex Bolt, two 3/8 Flat Washers and one 3/8 Brass Flange Nut - as shown in Detail "B".

Insert the Eye Bolt end of cable through the hole in the Lift Side top. Secure with one 3/8 Flat Washer and one 3/8 Brass Nyloc Nut - as shown in Detail "C".

**Note:** Be sure the washer is in place and that the nyloc nut is tightend so at least 1/4" of Eye Bolt thread is exposed.

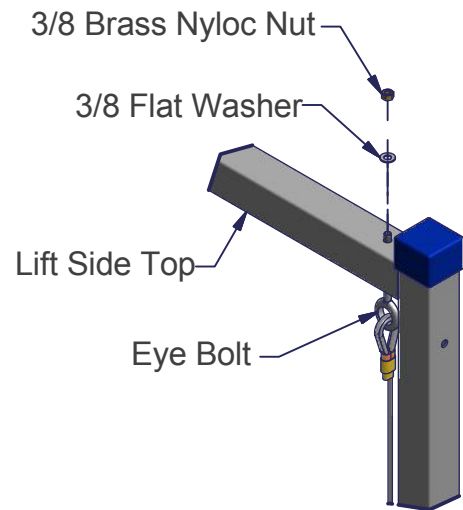
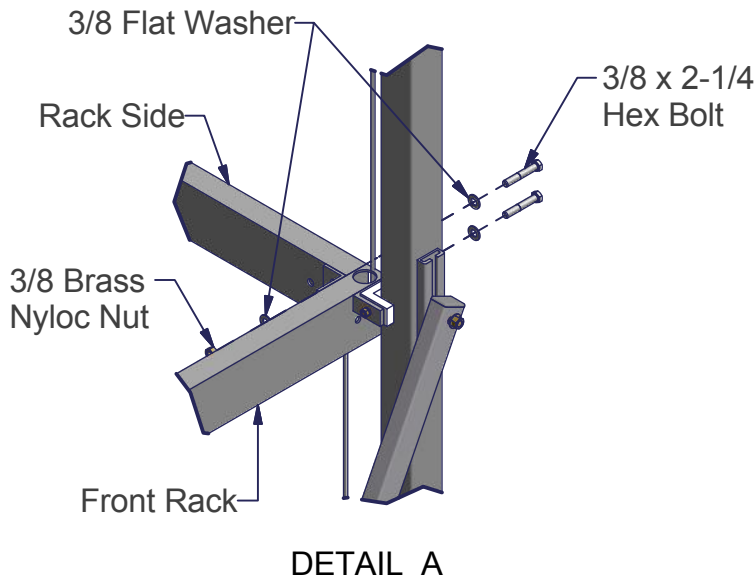
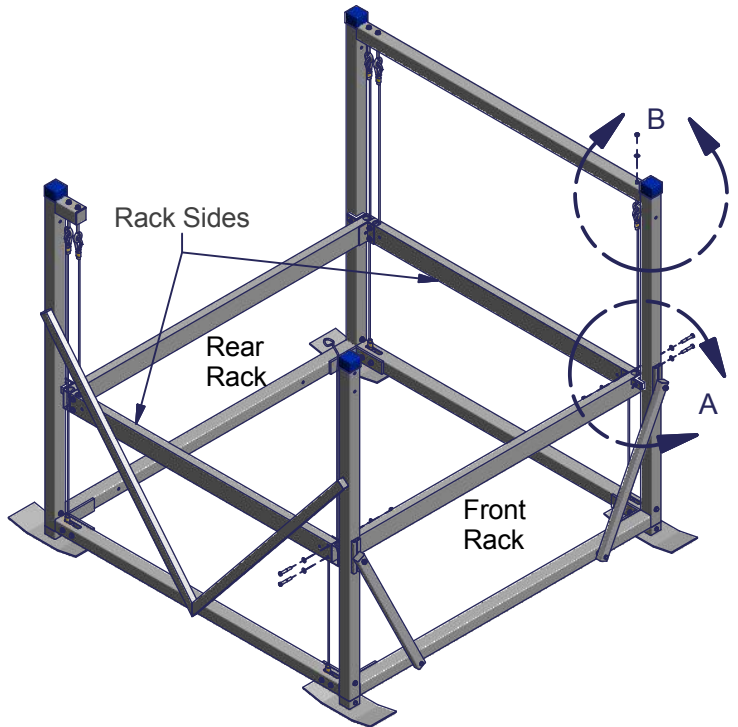


## STEP 6

Set the Front Rack in place and attach to the Rack Sides. Secure at each end with two 3/8 x 2-1/4 Hex Bolts, four 3/8 Flat Washers and two 3/8 Brass Nyloc Nuts - as shown in Detail "A".

Insert the Eye Bolt end of cable through the hole in the Lift Side Top. Secure with one 3/8 Flat Washer and one 3/8 Brass Nyloc Nut - as shown in Detail "B". The other end of the cable will be attached to the Winch.

**Note:** There are five Eye Bolts to attach. See the drawing of Eye Bolts and cables on pages 17-18 to ensure correct location and how to level the rack.



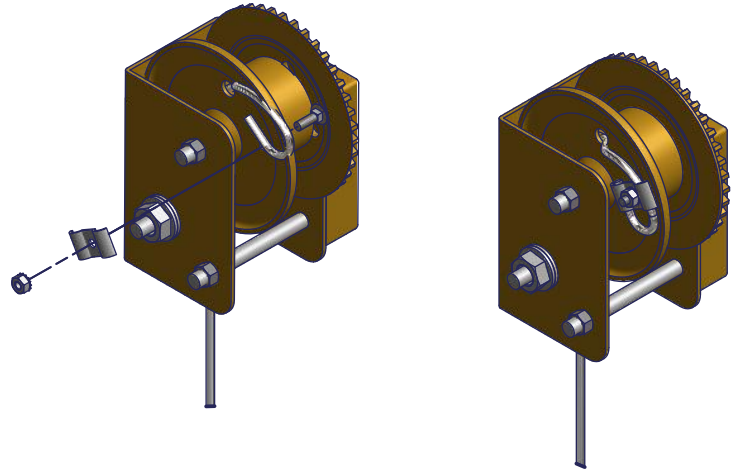
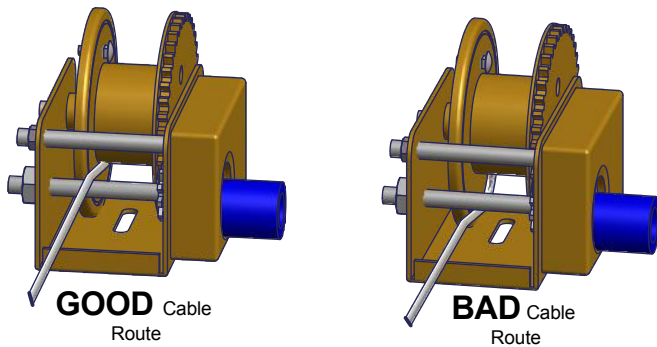
**Note:** Securely tighten all nuts and bolts at this time. Do not over tighten nuts and bolts. Over tightening may damage lift components.

**Note:** Nyloc nuts should not be reused. If a nyloc nut is removed it must be replaced with a new one.

## STEP 7

Route the Winch Cable in between the two cross-bolts of the Winch. Insert 1/4 x 3/4 Carriage Bolt into square hole of winch hub and loosely attach cable clamp to carriage bolt using 1/4 Nut w/ star washer. Insert the Winch Cable through the hole in the Winch Hub and create a loop around the carriage bolt. A vise grip may be used to clamp the end of the cable to act as a handle to help bend around and under the cable clamp. Once in place, securely tighten the 1/4 Nut w/ star washer as shown below.

**Note:** Wear leather gloves while handling the cables.

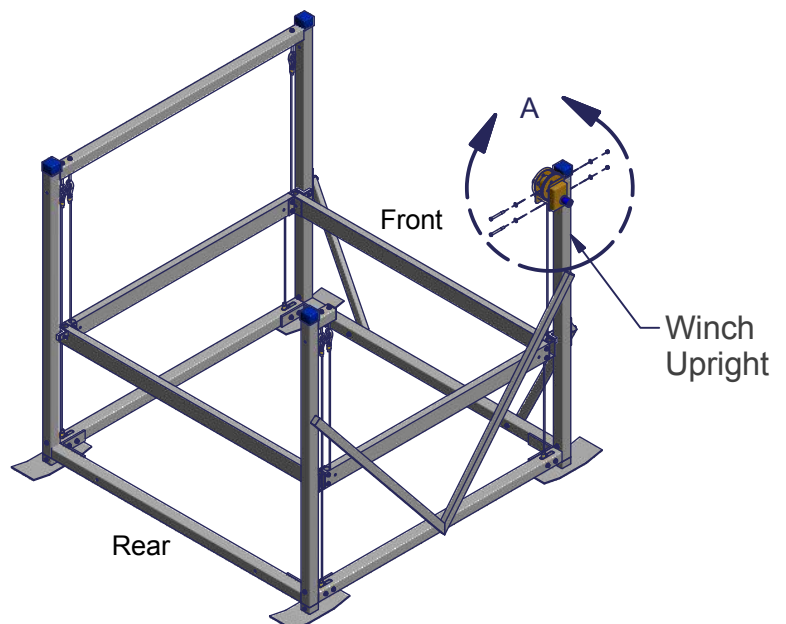
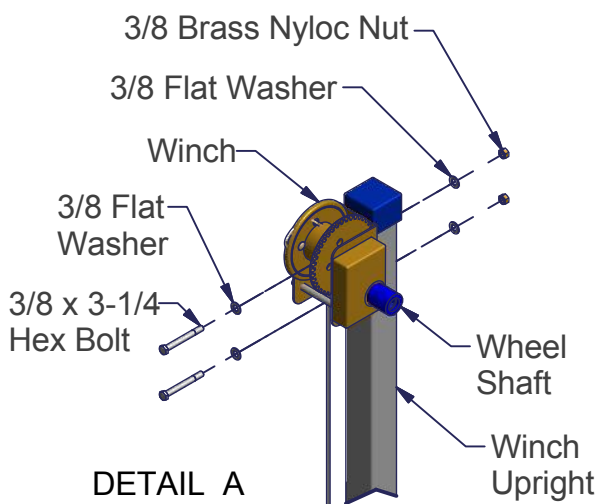


## STEP 8

Attach the Winch to the Winch Upright with two 3/8 x 3-1/4 Hex Bolts, four 3/8 Flat Washers, and two 3/8 Brass Nyloc Nuts - as shown.

**Note:** The Bolt Heads should be positioned on the Winch side and should protrude through the Winch and out the Winch Upright - as shown.

**Note:** The Wheel Shaft of the Winch must be facing to the outside of the lift - as shown in Detail "A".



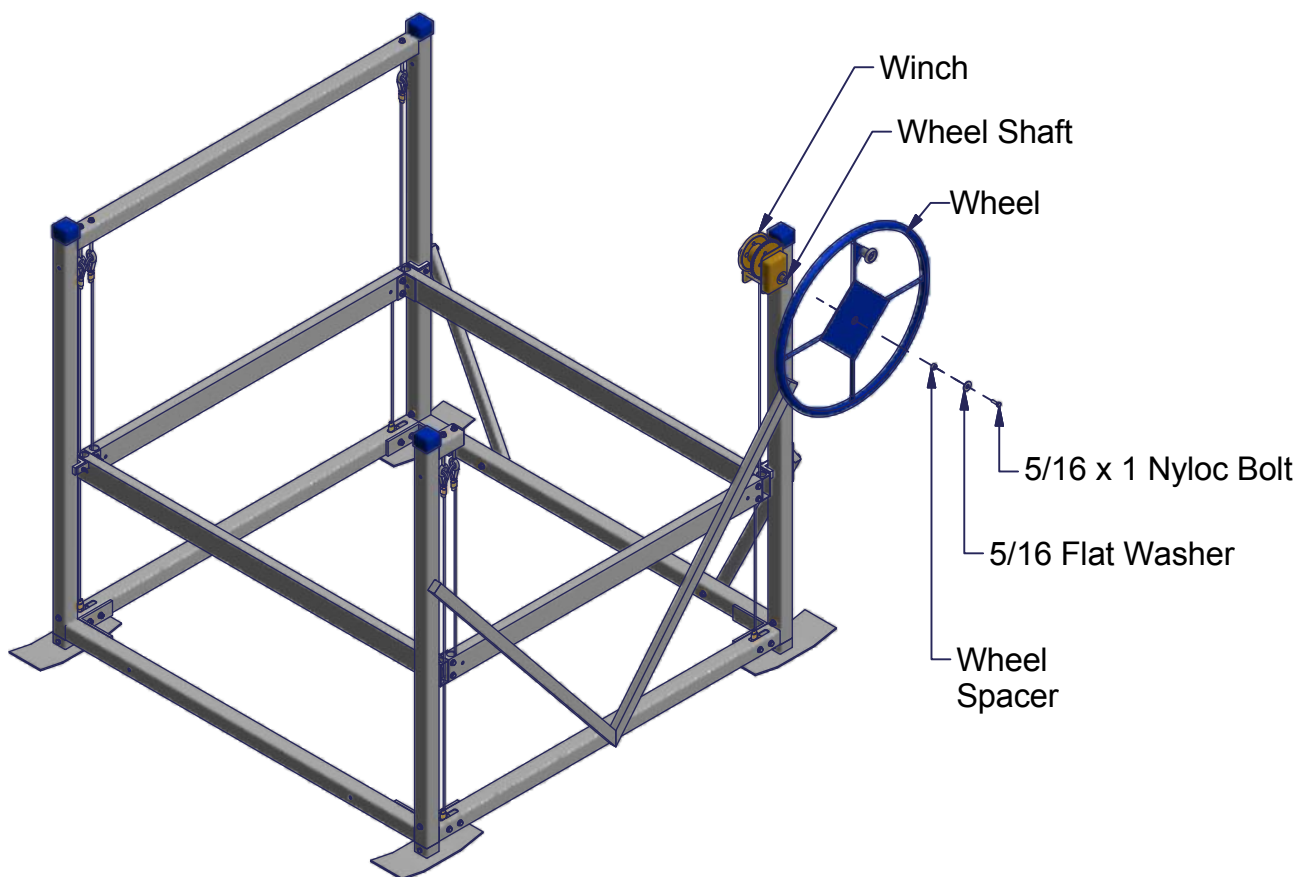


## STEP 9

Thread Wheel clockwise onto Wheel Shaft until it touches the Brake Pad. The wheel must be fully against Brake Pad **and** a clicking sound must be heard when turning wheel up!

Using a sharp knife or razor blade, cut a small hole in the middle of the Wheel, where the wheel sticker covers the attaching bolt hole.

Secure Wheel to Winch using one 5/16 x 1 Nyloc Bolt, one 5/16 Flat Washer, and one Wheel Spacer - as shown.



## STEP 10

Thread excess cable onto winch hub by turning the wheel clockwise. Be sure cable wraps tight and uniformly on hub with each strand lying snugly next to the adjacent strand. Keep tension on the cable by holding it tight when turning the wheel to develop a proper wrap. Do not allow cable to wind up loosely on hub.



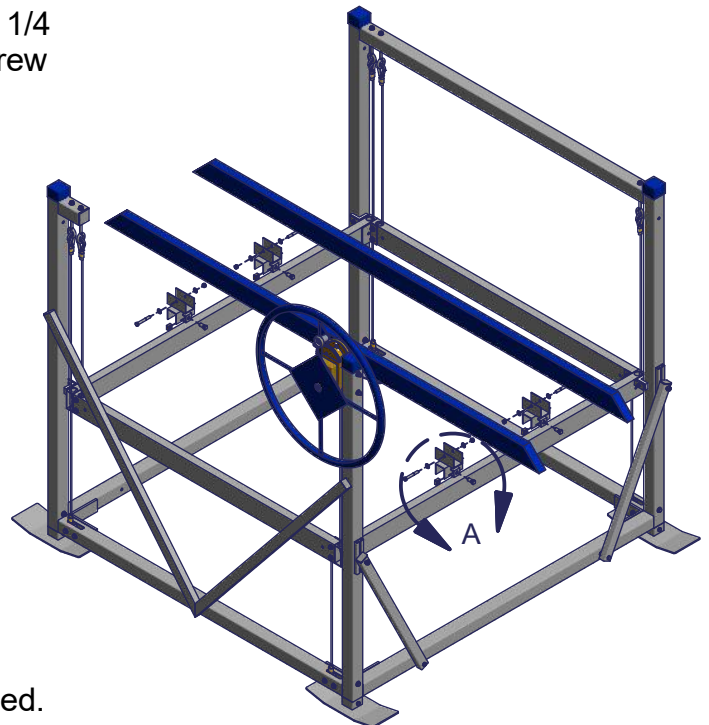
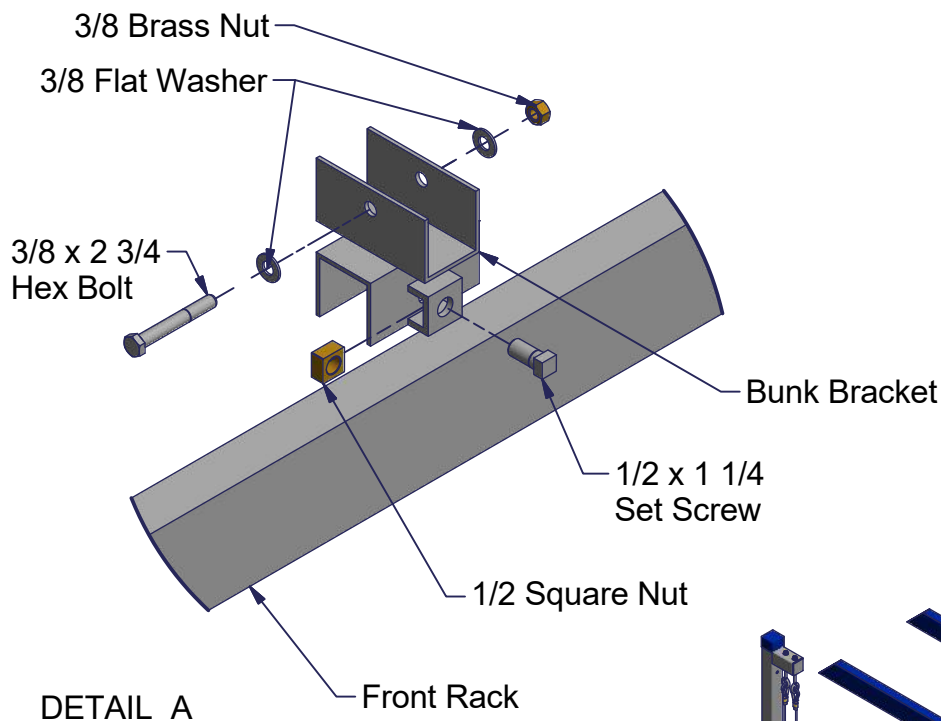
To avoid personal injury use a leather glove or other hand protection to avoid cuts when applying cable pressure. Cables wrapping incorrectly will result in rapid cable wear.

## STEP 11 - (1264 Only)

Position the Bunk Bracket on Front and Rear Racks to fit watercraft. Secure each Bunk Bracket with one 1/2 Brass Square Nut, and one 1/2 x 1 1/4 Set Screw - as shown in Detail "A".

Attach ShoreMaster Carpeted Bunks (sold separately) to the Bunk Brackets with one 3/8 x 2 3/4 Hex Bolt, two 3/8 Flat Washers, and one 3/8 Brass Nut in each place - as shown in Detail "A".

**Note:** Contact your ShoreMaster dealer for bunk options on 1296 Vertical Lifts.

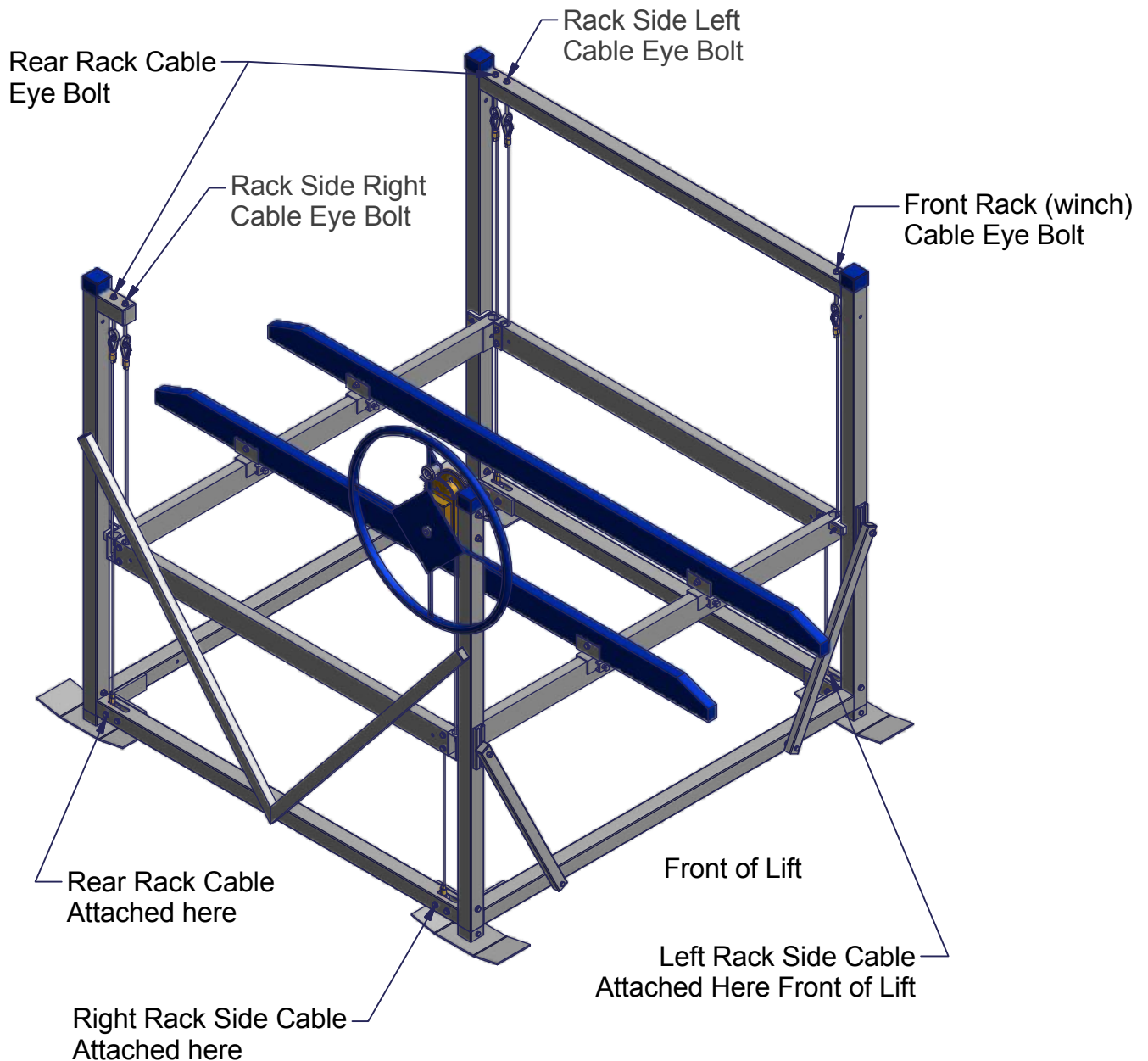


## STEP 12

Make sure that all nuts and bolts are firmly tightened.

**Note:** Do not over tighten any connection using nyloc nuts or set screws. Over tightening may cause damage to lift components.

# Proper Cable Locations



## **⚠ WARNING**

To avoid personal injury be sure washer is in place and that Nyloc Nut is tightened so at least 1/4" is exposed. Failure to attach cables, Eye Bolts, Washers and Nyloc Nuts correctly could result in a severe crushing, cutting or pinching injury. Severe damage to lift or boat could also occur.

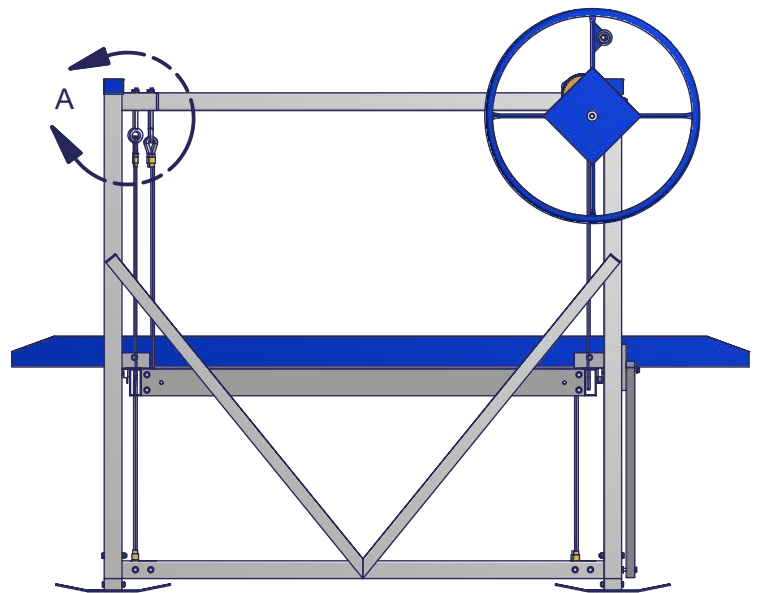
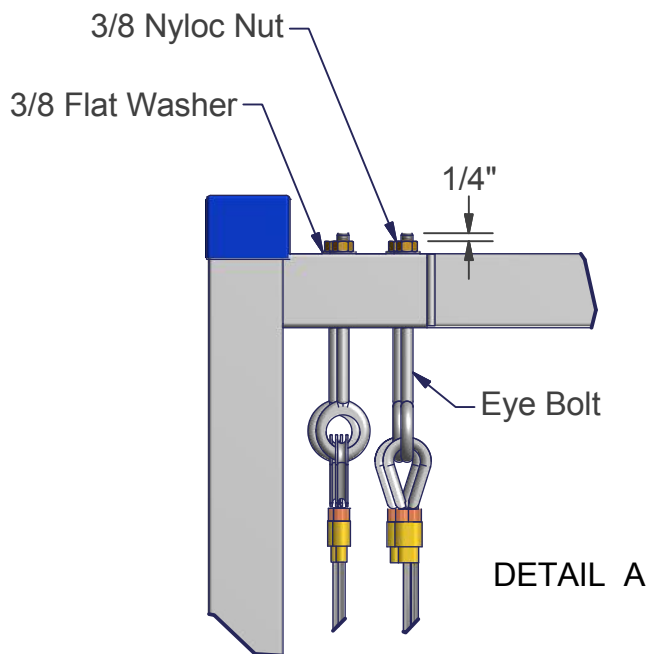
# Proper Cable Adjustment

There are four cables with Eye Bolts and nuts that must be adjusted to properly level cables. These Eye Bolts are all located near the rear uprights as shown.

Turn wheel so front rack beam raises about 6" above the bottom of frame. Adjust cables so all corners of rack are the same distance from frame.

**Note:** Adjust the cable length by turning the nut on top of the Eye Bolt. Hold the Eye Bolt stationary while adjusting the top nut. Using the frame below the rack as your reference point, measure the distance from frame to rack in each corner. These distances should all be within a 1/4 inch.

**Note:** Be sure washer is in place and that Nyloc Nut is tightened so at least 1/4" of Eye Bolt thread is exposed.



# INSTALLATION INSTRUCTIONS

**Warning:** Do not under any circumstances, endanger yourself or risk damage to your lift or boat when installing.

- Situations will widely vary between installation sites. ShoreMaster recommends that your dealer or other trained boat lift installer train you and perform the initial installation.
- Wear protective gloves, clothing and eyewear when assembling and installing the lift.
- Do not assemble, install or use this product if items are missing or damaged.

The following are guidelines or suggestions for installation:

## STEP 1

Measure the water depth of the position you want to locate the lift. Measurements should be taken at both the projected position of the end nearest shore and the end furthest from shore.

## STEP 2

Before installing, adjust lift legs so the boat can float into position before raising, while still allowing a high enough position so the boat can be fully raised up and out of the water.

## STEP 3

Carry, lift or slide the lift into position alongside the dock.

## STEP 4

Ensure that your lift is level. Measure the distance from the top of the cross beam to the water surface. The distance at each of the four corners of the lift should be within two inches of each other. If they are not, adjust the legs accordingly.

**Note:** If the lift legs will extend 3 feet or more, ShoreMaster recommends deep water braces to stabilize and strengthen the lift. Ask your dealer for more information.



To avoid personal injury the lift must be resting on the water bottom in a level, secure and stable position for safe operation. An unstable lift installation could result in tipping of the lift during operation, causing damage to watercraft and a crushing or pinching injury to the operator or bystanders.

## STEP 5

Position the Bunk Bracket to fit watercraft so that it does not come in contact with the frame of the lift. After loading and operation the lift, proceed to the operating instructions, remove the boat and recheck that the lift remains level.

# OPERATING INSTRUCTIONS

## **WARNING**

When first using the boat lift after installation, the weight of the boat may cause the lift to settle and become unbalanced. To avoid personal injury make sure people are not in the immediate vicinity of the lift until you are certain the lift has stabilized.

Now that you have installed and leveled the lift, you are ready to raise your boat for the first time. Prior to use, see to it that anyone who may use the lift looks upon the unit not as a toy but a piece of heavy equipment that deserves your respect and good judgment.

- Before allowing anyone to operate the lift, be sure they fully understand the proper operating procedure.
- Do not exceed maximum capacity of the lift; overloading may cause mechanical failure and serious personal injury.
- Do not allow anyone who is in the water within six feet of the lift.
- Do not allow anyone on, in or under the lift while operating.

When operating the lift, the following procedures should be adhered to:

### STEP 1

Be sure the lift rack and cradles or bunks are positioned below the water surface so they will not interfere with the boat floating into position.

### STEP 2

Properly balance and center the boat on the lift prior to raising. The boat should be positioned with the center of gravity near the middle of the lift. For most rear engine mounted boats, this requires you to position the boat somewhat forward in the lift.

### STEP 3

Turn wheel in direction of arrow (clockwise) to raise lift. A clicking sound is heard when properly raising lift. Turning wheel and wrapping cable in wrong direction may cause fast spin down of wheel.

## **WARNING**

To avoid injury stay clear of lifts (facing wheel) while operating. Do not allow anyone on, in or under lift. A cable or lift part failure can cause a sudden drop of boat, resulting in a crushing or falling injury or death! Do not touch wheel or attempt to stop it if fast spin down of wheel occurs. Placing hands or feet on spinning wheel can cause broken or cut limbs.

### STEP 4

Carefully bring the lift up until the bunks or cradles have secured the boat. Then, stop the lift and check to see that the bunks or cradles have automatically positioned themselves to the shape of the hull, as they are designed to do. If so, continue bringing the boat out of the water until it is about one foot above the surface. Stop the lift again and check the stability of the lift, particularly to see that it is fairly level and will not topple over. Finally, continue lifting the boat while paying close attention to the positioning of the lift until it is at its desired height.



## STEP 5

After loading and operating the lift, remove the boat and recheck that the lift remains level. (See Step 4 of the Installation Instructions.) If the lift is not level, the legs should be adjusted accordingly. Because the lift may settle and become unbalanced, the lift levelness should be rechecked two weeks after installation and periodically as needed.

## STEP 6

If lift is without a boat in it for more than one day, raise the rack (pulleys) fully out of the water to help prevent corrosion of these parts. At all times, make sure the boat is stored high enough out of the water to avoid wave action against the hull. A moving boat as a result of wave action will damage the lift and can take the boat off the lift.

### NOTICE

1. Do not over raise lift rack. Stop before top of rack hits cable loops attached to Eye Bolts. Over raising could cause damage to winch, cables or other parts.
2. Do not over lower rack so slack develops in cable. Doing this could cause cable to jump off winch spool. This may result in sloppy wrapping of cable next time you raise the lift, resulting in premature wear or cable breaking. Turn wheel down one or two turns past point when craft begins to float (This must always be at some point before lift rack is contacting rear bottom beam). Then turn wheel up slightly until clicking sound is heard to secure wheel position and brake on winch.
3. Properly cover your boat, or pull your boat's plug when the boat is in a raised position. Rain water accumulating in your bilge can quickly increase your gross weight over the capacity of the lift.
4. Do not leave lift, or boat on lift, in water if ice formation is possible. Ice can severely damage your boatlift.

## SAFETY MAINTENANCE

### Monthly Checks

Check cables for frays, corrosion or breaks at least once a month. A cable breaking while boat is in lift could damage boat or lift. Severe bodily injury could also occur.

### Spring and Falls Checks

1. Inspect nuts and bolts for damage, wear or loose connections. Tighten or replace parts as needed.
2. Inspect lift frame, pulleys, winch and pivot points for unusual wear, damage or bent parts. Replace or repair as needed.
3. Check that the rack is level with the bottom frame of your lift. Cable stretching or settling of lift could require you to adjust nuts on Eye-Bolts.
4. Lubricate winch and wheel threads. Do not get lubricant on brakepads! Brake will fail and wheel will spin down if brake pads are lubricated.
5. Check and lubricate pulleys to ensure that they are turning freely.
6. Check Eye-Bolts to make sure they are not working themselves loose.