

INSTALLATION AND OPERATING INSTRUCTIONS



PATRIOT PORTABLE LIFT™

***450 LB. MAXIMUM CAPACITY (PRO POOL LIFT)**

MANDATORY – LEAVE THIS MANUAL WITH LIFT OWNER



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Inspected And Verified To Meet
Applicable Sections of ADA
Guidelines Section 1009.2 By

wyle
laboratories

A Nationally Recognized
Test Laboratory



WARNING

IMPORTANT SAFETY INSTRUCTIONS

- 1. READ AND FOLLOW ALL INSTRUCTIONS. LIFT SAFETY CAN ONLY BE ENSURED IF THE LIFT IS INSTALLED AND OPERATED PROPERLY – AS PER INSTRUCTIONS.**
- 2. WARNING- TO REDUCE RISK OF INJURY, DO NOT PERMIT CHILDREN TO USE THIS PRODUCT UNLESS THEY ARE CLOSELY SUPERVISED AT ALL TIMES.**
- 3. WARNING- DO NOT PERMIT CHILDREN TO PLAY ON THIS PRODUCT.**
- 4. WARNING- NEVER APPLY DIRECT WATER PRESSURE TO ELECTRONIC COMPONENTS.**
- 5. WARNING – DO NOT OPERATE THIS LIFT IF THE DECK-TO-WATER DISTANCE IS OVER 12”.**
- 6. WARNING – DO NOT OPERATE THIS LIFT UNDER LOAD IN A DRY POOL (NO WATER).**
- 7. WARNING – DO NOT OPERATE THIS LIFT WITHOUT THE 10 WEIGHT-PLATES INSTALLED.**
- 8. SAVE A COPY OF THESE INSTRUCTIONS.**

***NOTE: 450LB. CAPACITY IS FOR A 6” WATER DRAFT (OR LESS)
 (“WATER DRAFT” IS THE DISTANCE FROM THE DECK TO THE WATERLINE)**

PATRIOT PORTABLE LIFT

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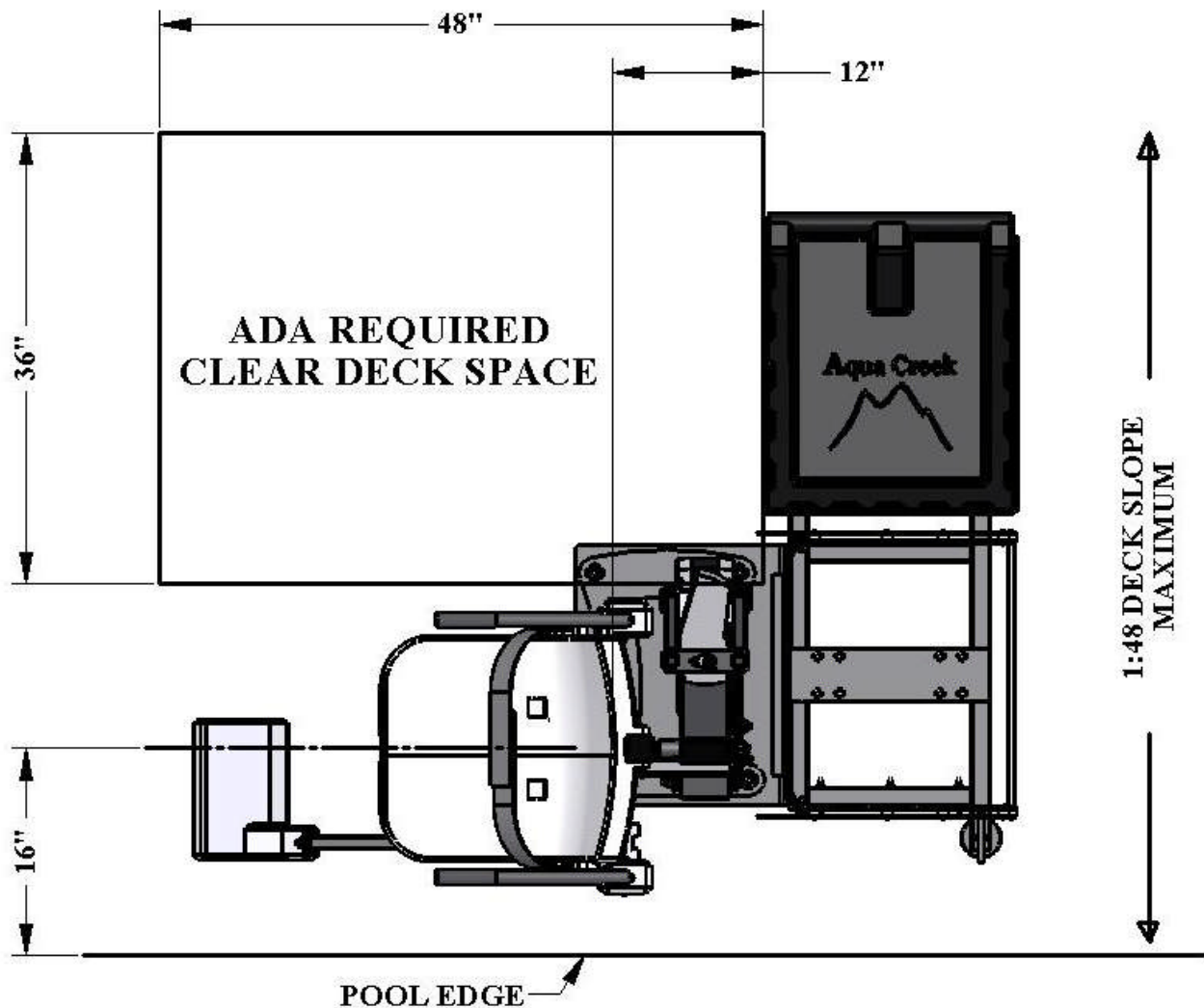
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INSTALLATION: ADA GUIDELINES

ADA REQUIREMENTS:

The PATRIOT PORTABLE LIFT™ is designed and manufactured to be 100% ADA compliant. But for the installed lift to be 100% compliant the installation must meet the requirement for CLEAR DECK SPACE as shown in the diagram to the left. To be compliant, install the lift at 16 inches [406mm] from the pool edge to the centerline of the seat, and make sure the deck has the required CLEAR DECK SPACE as shown.

NOTE: As per ADA requirements the slope of the deck from the pool edge to the centerline of the seat and within the clear deck space must be no greater than 1:48.



THE PATRIOT PORTABLE LIFT™

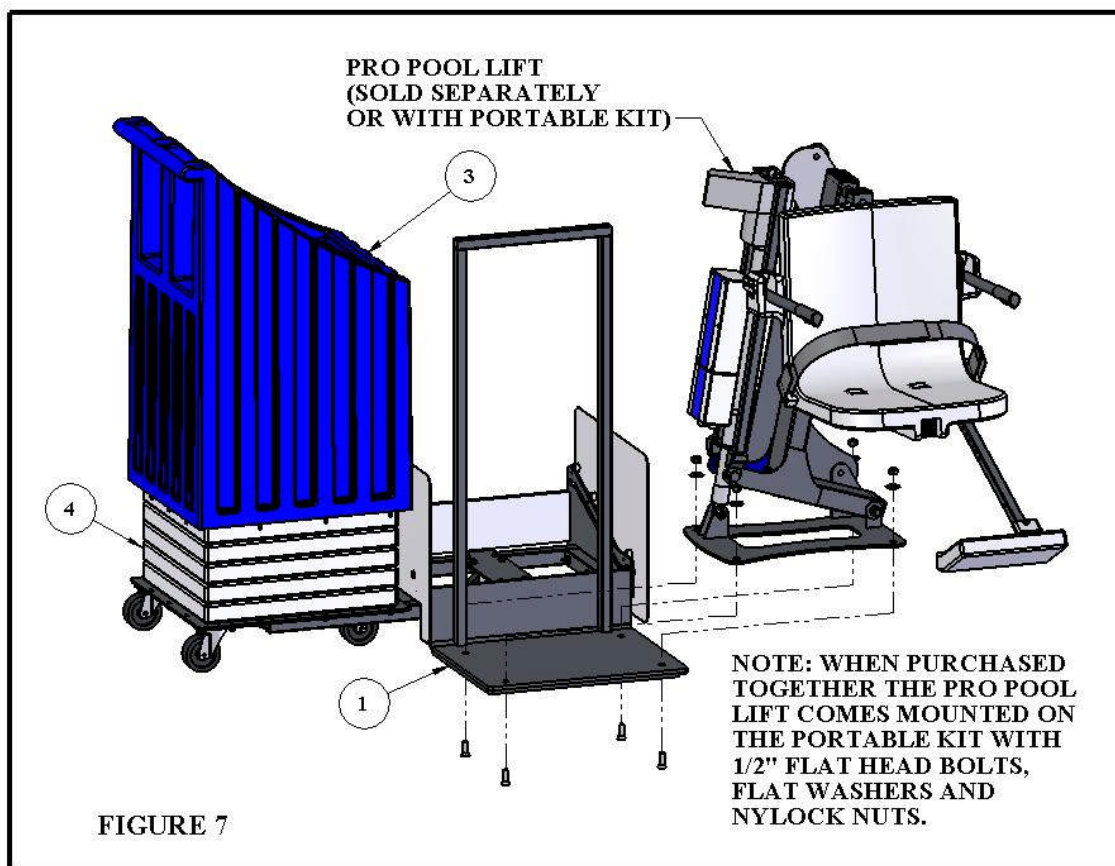


WARNING

1. NEVER OPERATE THIS LIFT IF THE POOL DECK TO WATER LEVEL EXCEEDS 12"
2. BEFORE OPERATING THE LIFT THE 10 SUPPLIED WEIGHT PLATES MUST BE INSTALLED INSIDE THE COVER AS PER THESE INSTRUCTIONS.
3. THE 24V BATTERY WILL ARRIVE UNCHARGED FOR SAFETY. CHARGE THE BATTERY FOR 24 HOURS BEFORE INITIAL USE.

PARTS LIST: (SEE FIGURE 7)

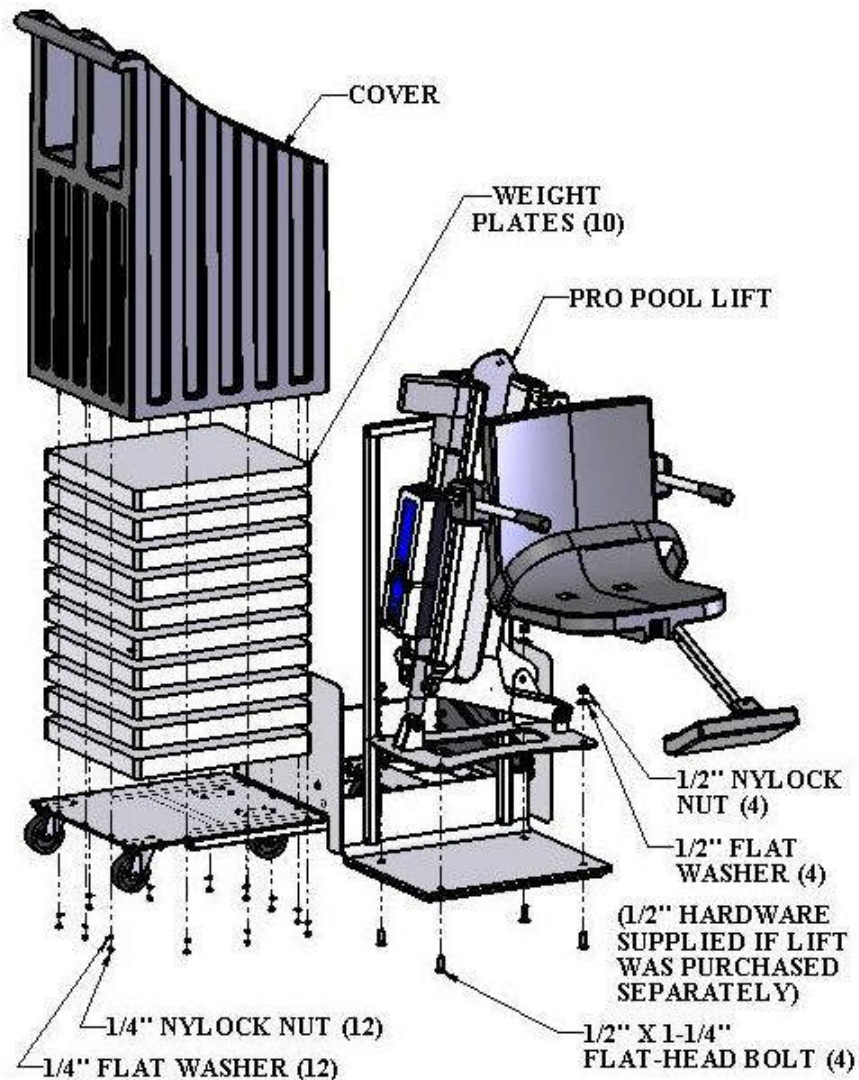
1. PORTABLE KIT MAIN FRAME W/ WHEELS
2. HARDWARE BAG
3. TOP WEIGHT STACK COVER W/ HANDLE
4. WEIGHTS



HARDWARE BAG – PORTABLE KIT			
ITEM #	QTY.	DESCRIPTION	PART USE / LOCATION
1	12	1/4" S.S. NYLOCK NUTS	WEIGHT STACK COVER
2	12	1/4" FLAT WASHER S.S. SMALL	WEIGHT STACK COVER

PATRIOT PORTABLE - ASSEMBLY INSTRUCTIONS

1. Begin by placing the parts from the previous page at or near to the desired poolside location.
2. **Stack 10 supplied weight plates on the portable platform.** To ensure proper alignment stack 3 to 4 plates, check alignment by temporarily putting the cover on, remove the cover and then stack 3 to 4 more plates. Repeat until all 10 weight plates are on the platform and properly aligned.
3. Attach the weight stack cover assembly over the weight stack using the supplied $\frac{1}{4}$ " NYLOCK NUTS and $\frac{1}{4}$ " FLAT WASHERS. **NOTE:** Be sure to use silicone to seal the flange before bolting together.
4. Bolt the Pro Pool Lift to the portable base plate using the supplied 1-2"x1-1/4" countersunk flat head bolts, 1/2" flat washers and 1/2" nylon lock nuts.



TRANSPORTING & USING THE PATRIOT LIFT:

The Patriot Lift has been designed to make transporting and using the lift as simple as possible. The design makes the lift 100% ADA compliant by providing two separate operating modes; one for transporting the lift and one for using it.

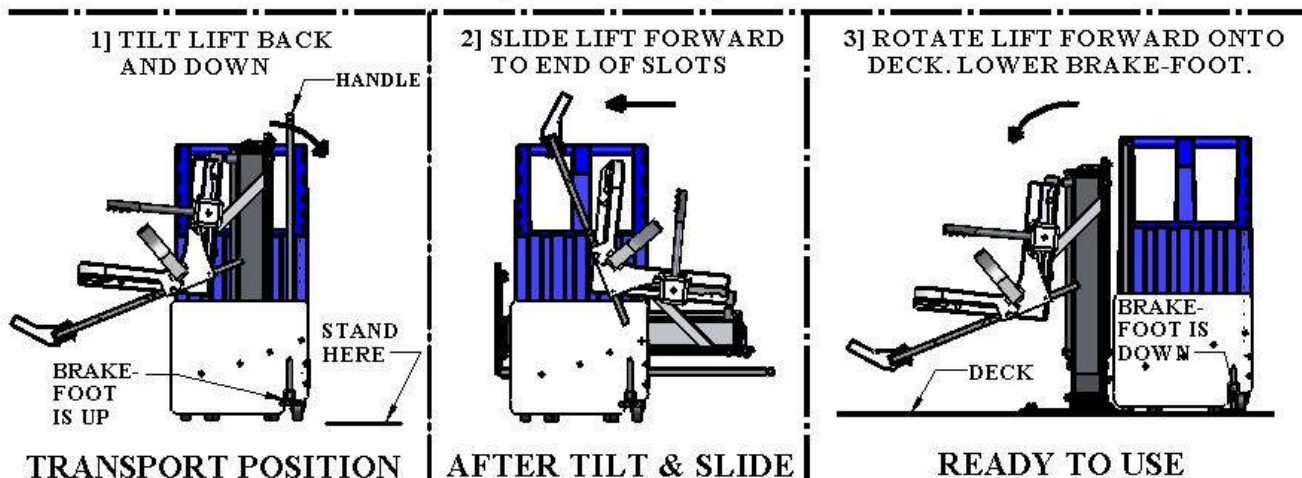
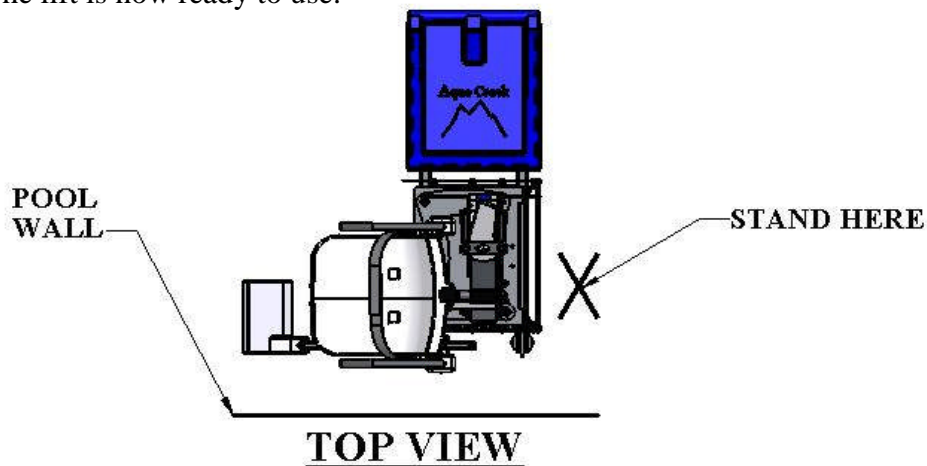
DO NOT ATTEMPT TO USE THE LIFT WHILE IN THE TRANSPORT MODE!

MODES OF OPERATION:

- 1] **TRANSPORT MODE:** In this mode the lift is on top of the portable cart and the brake-foot is raised, allowing the lift to roll and turn freely. The finger/toe guards also inhibit use of the lift while in this position.
- 2] **OPERATION MODE:** In this mode the lift is on the deck surface and the brake-foot is lowered, keeping the cart and lift stable and stationary. To place the lift in this position, follow the instructions below.

TRANSPORT INSTRUCTIONS:

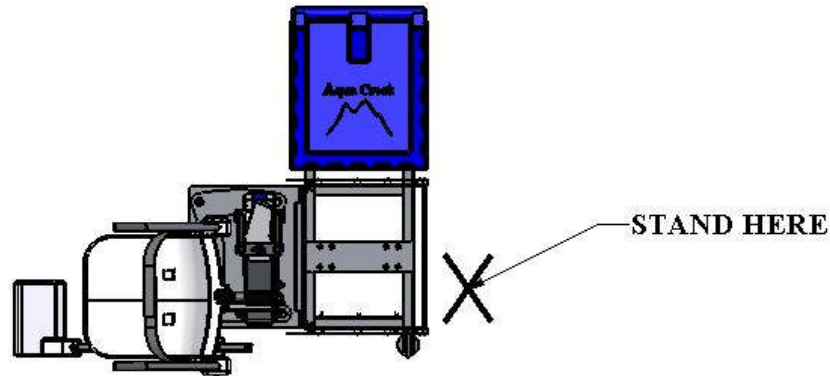
- 1) Roll Patriot Lift to desired position on the deck. Stand behind the lift and tilt it back and down as shown below. Tilt the lift to almost horizontal to make sliding and pivoting as simple as possible.
- 2) Slide the lift forwards until it comes to the end of the slide-slots.
- 3) Rotate the lift forwards and down until it rests flat on the deck. Turn the handle of the brake-foot clockwise until the brake-foot is firmly in contact with the deck. The lift is now ready to use.



RETURNING THE LIFT TO TRANSPORT MODE:

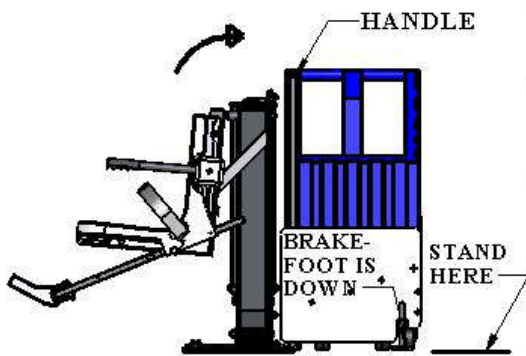
To move the lift after use, reverse the steps above as follows:

- 1) Tilt the lift back and down until it is almost horizontal to the deck.
- 2) Slide the lift back and up along the slide-slots until it stops at the top-end of the slots.
- 3) Pivot the lift forward and down until it is resting on the cart. Rotate the brake-foot handle counter-clockwise and raise it off the deck. The lift is now ready to move.



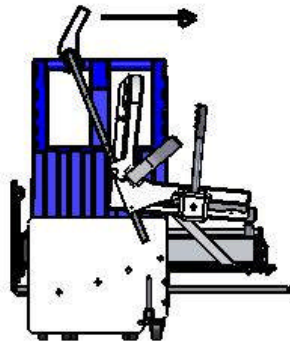
TOP VIEW

1] TILT LIFT BACK AND DOWN



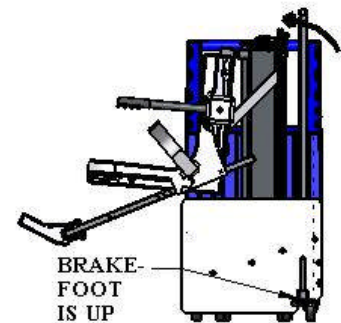
LIFT ON DECK BEFORE TILT

2] SLIDE LIFT BACK AND UP TO END OF SLOTS



AFTER TILT: SLIDE

3] TILT LIFT FORWARD ONTO CART. RAISE BRAKE-FOOT



TRANSPORT POSITION



24V BATTERY SYSTEM OPERATING AND INSTALLATION INSTRUCTIONS



24V SEALED BATTERY



WALL MOUNT CHARGER



CONTROL BOX
& HANDSET REMOTE

The Pro Pool Lift TM Battery system comes with a 24v sealed rechargeable battery, wall mount charging unit (with mounting bracket), control box, and a waterproof handheld controller. The control box is mounted to the Pro Pool Lift TM and has a plug-in socket for both the actuator and the handheld controller. The battery mounts directly above the control box with a quick-release clip.

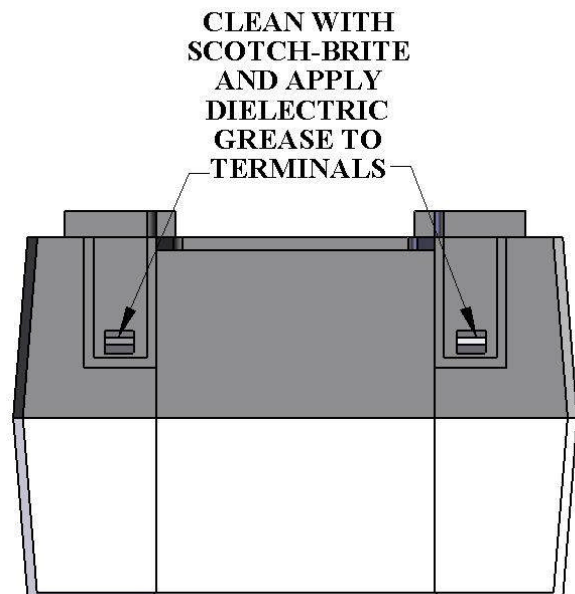
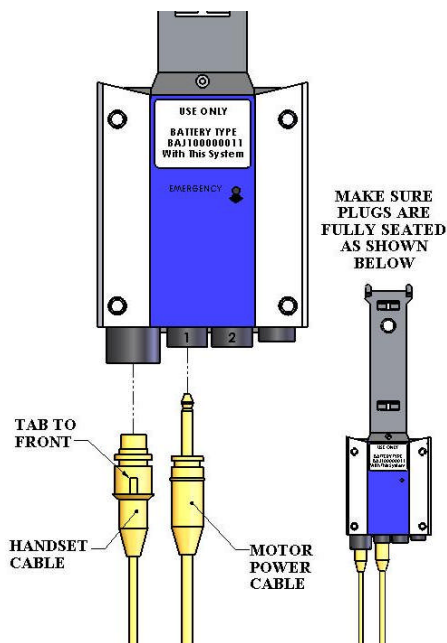
To operate the Pro Pool Lift TM, plug in the handheld controller to the control box and push the corresponding button to either lower or raise the unit. The lift should be able to complete approximately 10-20 full cycles before the low battery indicator tone will sound. The low battery tone indicates that there is approximately 20% battery life remaining. At this point, **DO NOT ATTEMPT TO OPERATE THE LIFT**, remove the battery from the unit and recharge on the wall mounted charging unit.

To recharge the battery, simply grip the top of the battery and depress the clip on the back of the battery. This will unclip the battery from the control box bracket and the battery can then be clipped into the wall mount charger. When the **charger** is plugged in the green **ON** light will illuminate. When the **battery** is correctly mounted to the charger, the orange **CHARGE** light will illuminate. When the battery is fully charged, the **CHARGE** light will **GO OFF** and the battery is ready to use. The battery charger will automatically shut off when the battery is fully charged, so the battery can stay on the charger any time it is not being used.

**DO NOT LEAVE THE BATTERY ON THE LIFT. WHEN
NOT IN USE STORE THE BATTERY ON THE CHARGER.**

BATTERY MAINTENANCE

1. **RECHARGE THE BATTERY AS OFTEN AS POSSIBLE.** The battery power unit is a sealed lead acid battery pack. Frequent recharges will prolong the battery life and maintain a high cold amperage capacity.
2. Do NOT expose the battery to freezing temperatures.
3. Do NOT expose the battery to prolonged periods of extreme heat or severe cold temperatures.
4. Do NOT expose the battery to long periods of direct sunlight. Heat will shorten your battery life. Optimum operating temperature is below 20 degrees Celsius (68 degrees F.)
5. Never drop or bump the battery pack. This may result in loose or damaged internal connections, and may bend the battery terminals.
6. Keep battery terminals clean and free from dirt and corrosion to ensure good contact. The terminals may be cleaned using Scotch Brite or any similar product. Clean off any corrosion or discoloration on the very top surfaces of the battery contacts and then apply dielectric grease (supplied with lift) as shown in the figure below.



USING THE “EMERGENCY BUTTON” on the Pro Pool Lift Control Box

On the front side of the control box is a small recessed button marked “emergency”. Take a pen or pencil or other pointed object and depress the “emergency” button. This will bypass the remote control and send a signal directly to the actuator to raise the seat out of the pool and back to the deck or up position.

NOTE: This function will only work if there is sufficient power in the battery, the battery is properly attached to the control box, and the control box must be operating properly.



PRO POOL LIFT OPERATING INSTRUCTIONS:

NOTE: CHECK ALL NUTS & BOLTS FOR TIGHTNESS AND FOR WORN PARTS BEFORE EACH USE. NEVER OPERATE THE LIFT WITH THE ARMRESTS FLIPPED UP.

The Pro Pool Lift [™] should always be in the full up or deck position before a user attempts to transfer into the chair. Before attempting to transfer into the chair, check to make sure the lift is operating by making a short test run: move the chair at least part way in and out of the pool.

As you are standing in front of the chair, facing the chair, the armrest on either side will flip up to allow for easier lateral transfers. Transfer into the chair and then lower the flip-up armrest back into its normal position. Secure the adjustable lap belt around the waist so that the belt is snug, but not uncomfortably tight.

You are now seated comfortably in the Pro Pool Lift [™], and ready to move into the pool or spa. Before you begin the operating cycle, take a visual check of the deck area and pool area to make sure the operating path of the lift is clear.

It is not necessary to lower the lift all the way to the bottom of the lift's stroke. You may stop the lift at any time in the downward cycle when it is comfortable for you to exit the chair into the water.

This is NOT true however, when returning to the deck during the up cycle. The lift should always be cycled completely to the up or deck position before attempting to exit the chair on the deck.

To lower the lift into the pool, simply apply pressure on the down arrow button on the remote control handset and the chair will start to move towards the pool. NOTE: for safety reasons, it is necessary to maintain continuous pressure on the control button. If you take your finger off of the control button the lift will stop.

When you are sufficiently submerged into the water to allow for an easy exit from the chair, you may stop the lift cycle by releasing pressure on the down arrow button on the remote control handset. Now release the lap belt by grasping the end of the belt that is protruding above the lap belt and tugging gently. You may now flip up the footrest to create more room in front of the chair for you to exit. Exit the chair by sliding straight forward until you are clear of the seat and the footrest.

When you are ready to return to the lift seat and exit the pool or spa, make sure that the chair is lowered (submerged) sufficiently to allow you to easily slide into the chair. You should not attempt to "lift" or raise yourself into the chair. Once you are reseated into the chair, you may lower the footrest to its normal operating position and place your feet on the footrest. Next, re-secure the adjustable lap belt snugly around your waist. To raise the chair out of the pool, simply press on the up arrow button on the remote control handset and apply continuous pressure until the lift chair comes to a rest on the deck in the full up position. You may now release the lap belt and exit the chair.

PRO POOL LIFT™ – HEADREST **(OPTIONAL)**

ITEM #	QTY.	DESCRIPTION
1	1	HEADREST PAD
2	1	HEADREST SUPPORT
3	2	1/8" x 3/4" S.S. SCREW

TOOLS NEEDED:

5/64" DRILL BIT
PHILLIPS SCREWDRIVER

ASSEMBLY INSTRUCTIONS

1. Begin by locating all parts in the above parts list.
2. Attach the headrest pad to the support bar by slipping the cross bar into the sewn supports on the back of the headrest pad.
3. Adjust the height of the headrest for the user and mark the hole locations (**FIGURE 8**).
4. Drill a 5/64 inch [2 mm] hole at the marked locations from step 3.
5. Install the headrest with the supplied stainless steel screws (**FIGURE 8**).

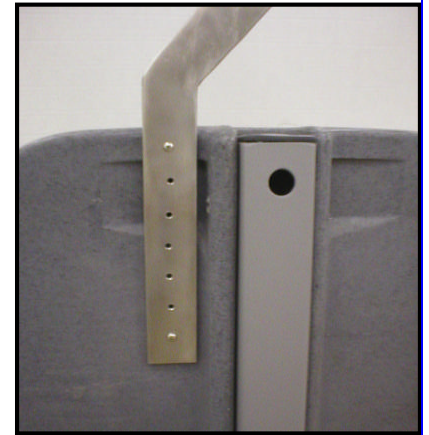


FIGURE 8

SAFETY & MAINTENANCE INSTRUCTIONS

Do not play on or around this lift

1. Check the PRO POOL LIFT™ before each use to assure there are no worn parts and that all hardware is properly tightened. If there are any worn parts, replace them BEFORE using the Pro Pool Lift™. You can call our customer service at 1-888-687-3552 to order any parts.
2. Aqua Creek Products, LLC lifts shall be grounded per local codes.
3. At least ONCE A WEEK, the Pro Pool Lift™ must be cleaned with fresh water. Do not spray the Pro Pool Lift™ 24v battery unit directly with any pressure. Wipe all surfaces clean with a damp, non-abrasive cloth. When cleaning the Pro Pool Lift™, use non-abrasive soap and water. Avoid harsh chemicals and disinfectants.
4. Always read the label instructions on any cleaner carefully before applying it to a surface.
5. The WARNING & INTENDED USE labels on the Pro Pool Lift™ need to be maintained in readable fashion. If they become unreadable or faded, please replace the label immediately. Replacement labels are available from AQUA CREEK PRODUCTS LLC. 1-888-687-3552.

CARE OF YOUR LIFT

Aqua Creek Pool Lift should not be stored in a pump room or in a storage room where pool chemicals are kept. Storing the lift near pool chemicals may cause rusting and other damage to occur. Your Aqua Creek stainless steel lift is powder coated to protect the stainless steel from rusting. Most rusting will occur at weld points, crevices, under gaskets, rivets or bolt heads.

The choice of a proper cleaning product is up to the consumer and there are many to choose from. Depending on the type of cleaning and the degree of contamination (rusting), some products are better than others. For routine cleaning the products most recommended are gentle soaps or detergents or dilute mixtures of ammonia. For stubborn spots and stains try using soft scrub with some brisk rubbing.

DO NOT USE POOL WATER TO CLEAN USE ONLY FRESH WATER

If the lift is used **DAILY** make sure to wash the lift at the end of the day. Wash the lift off using a mild soap and a soft cloth. Make sure to pay special attention to weld points and crevices. Do not use a bristled brush or steel wool to clean the lift. Check that the lift is working properly and then place the battery on the charger. It is recommended that the battery be charged after every day of use.

If the lift is used **WEEKLY** follow the same steps as above. Also be sure to check all of the contact points (terminals) for damage or corrosion. If you notice corrosion gently clean the terminals. To clean corrosion from the terminals use a q-tip and some rubbing alcohol. If the corrosion is particularly stubborn try using a 3M scotch brite pad, but be careful not to damage the terminals. Apply dielectric grease to the terminals after cleaning them. This will help to prevent further corrosion. Do not leave the battery on the lift. Always store the battery on the charger whenever the lift is not being used.

If the lift is used **MONTHLY** follow the same steps as above. Also check the nuts and bolts to make sure they are securely fastened (this is always a good idea, no matter how often or infrequently the lift is used). Also make sure to store the battery on the charger and not on the lift. Leaving the battery on the lift for extended periods will significantly shorten the battery's lifespan.

If the lift is being **STORED** for an extended period of time follow all of the steps above. Check for rusting at all crevice and weld points. If you notice rusting spray some WD-40 on the affected area and take a 3M scotch brite pad and rub briskly. Afterwards be sure to wash and rinse the lift again with soap and water. When storing the lift make sure it is in a dry area and covered. **DO NOT STORE** in or around pool chemicals.

TROUBLESHOOTING GUIDE

Before troubleshooting make sure the battery is fully charged.

If the lift doesn't move when the handset button is pressed:

When you can't get the lift to move check the following things:

1. Make sure the battery is fully charged:
 - A. Before charging the battery first make sure the **green** light on the front of the charger is illuminated (this means that the charger is on). Then check to make sure the silver contact points on the battery and charger are not damaged or corroded, and that they are clean. Then place the battery on the charger and look for the **orange** charge light to illuminate on the front of the charger. When the orange light goes off the battery is fully charged.

The top **green light** will always be illuminated indicating that it has power. When charging the battery the bottom **orange light** will illuminate, until fully charged.



- B. When the battery is correctly installed on the charger or control box you should hear a “click” indicating the battery is properly seated on the unit. Also note that when the battery is properly seated there should not be any gaps between the battery and the control box/charger.



Not attached properly. Note the white bracket is in front of silver clip, which will not allow for an electrical connection.



Properly Attached. Note that the white bracket is behind the silver clip. Not allowing movement.

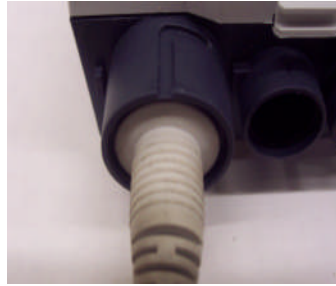
If the battery is fully charged and the lift is not moving then:

2. Check all cords:

- A. Check that the cords are properly plugged in. Start by unplugging the remote and the actuator cord from the control box. Once these cords are removed check the ends for corrosion or damage. Plug the remote cord back in by lining up the raised tab on the plug to the grooved line on the control box outlet. Note that these cords require some force to plug them in fully. You will know they are correctly inserted when you hear a “popping sound”. The cords will be recessed into the outlet. If they are flush with the outside of the outlet they are not plugged in fully and the lift will not function. Make sure you do this for both cords.



NOT inserted fully.

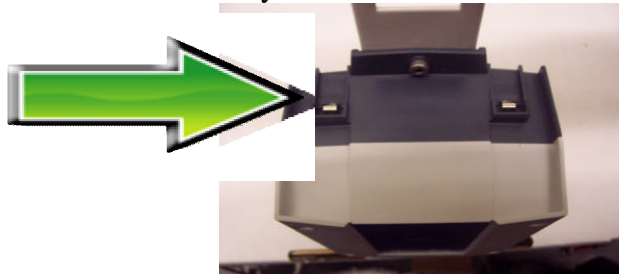


Fully inserted.

If you have checked all the cords and the lift still doesn't move:

3. Check the contact points:

- A. After you have fully charged the battery and checked the cords to make sure they are properly plugged in, check to make sure the contact points are not corroded or bent. If the contact points are corroded take some rubbing alcohol and a q-tip and clean off the points. After cleaning the contact points it is recommended to put some dielectric grease on the contact points (terminals) to help ensure good electrical contact and prevent corrosion. Then reinstall the battery on top of the control box. Make sure you hear a “click”, which indicates that the battery is correctly seated. The lift will not work if the battery is not seated correctly.



Silver tabs are the contact (terminal) points.

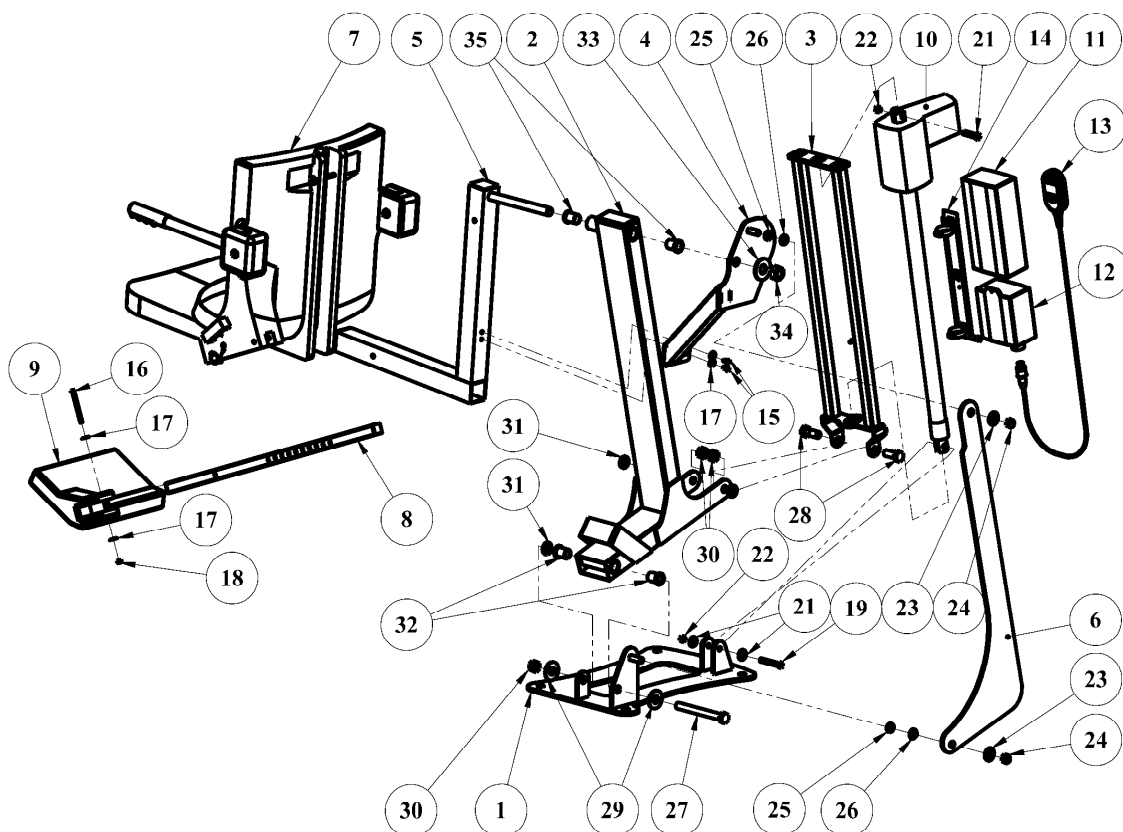
If the lift stops moving over the water and is stuck:

4. Then try pushing the emergency button:

A. If the lift gets stuck out over the water use a pen or pencil tip and stick it into the emergency button on the front of the control box to retract the lift. Note the lift will not retract if the battery is not fully charged or if the control box is not working. The emergency button only overrides the remote in case it has gone bad. If this does not retract the lift then chances are the remote is fine and you either have a problem with the battery, the control box, or the cords are damaged or not plugged in properly.

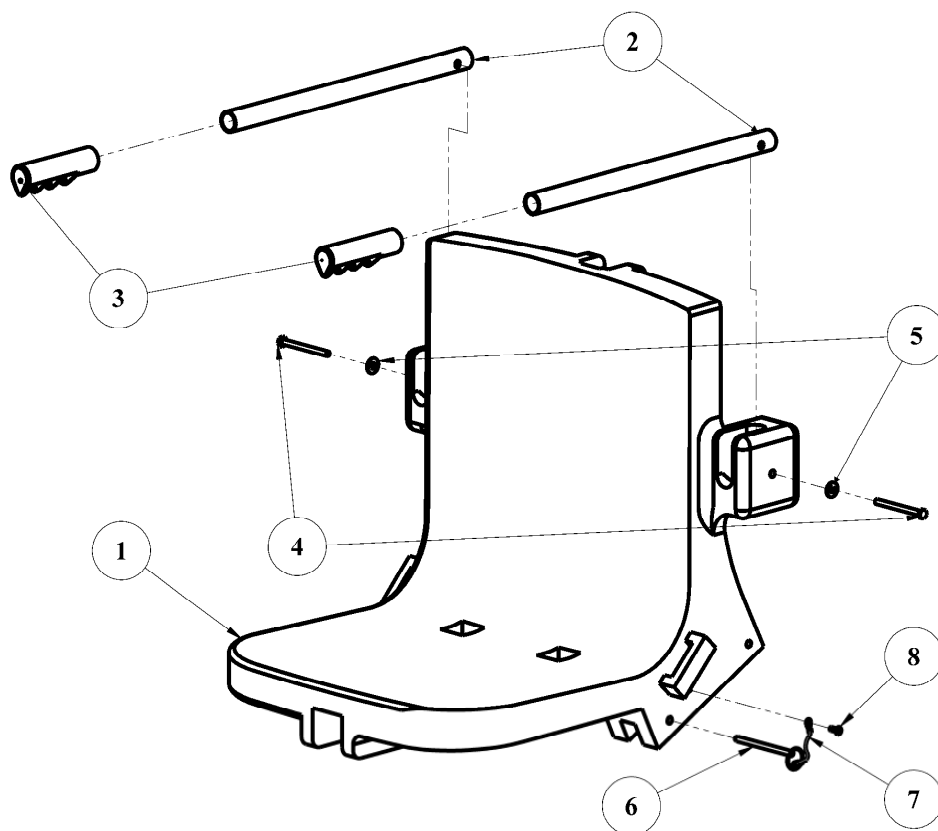
Use a pen or pencil tip to push in the small black circle located next to the word **emergency**, on the front of the control box.





PRO POOL LIFT: PARTS LIST

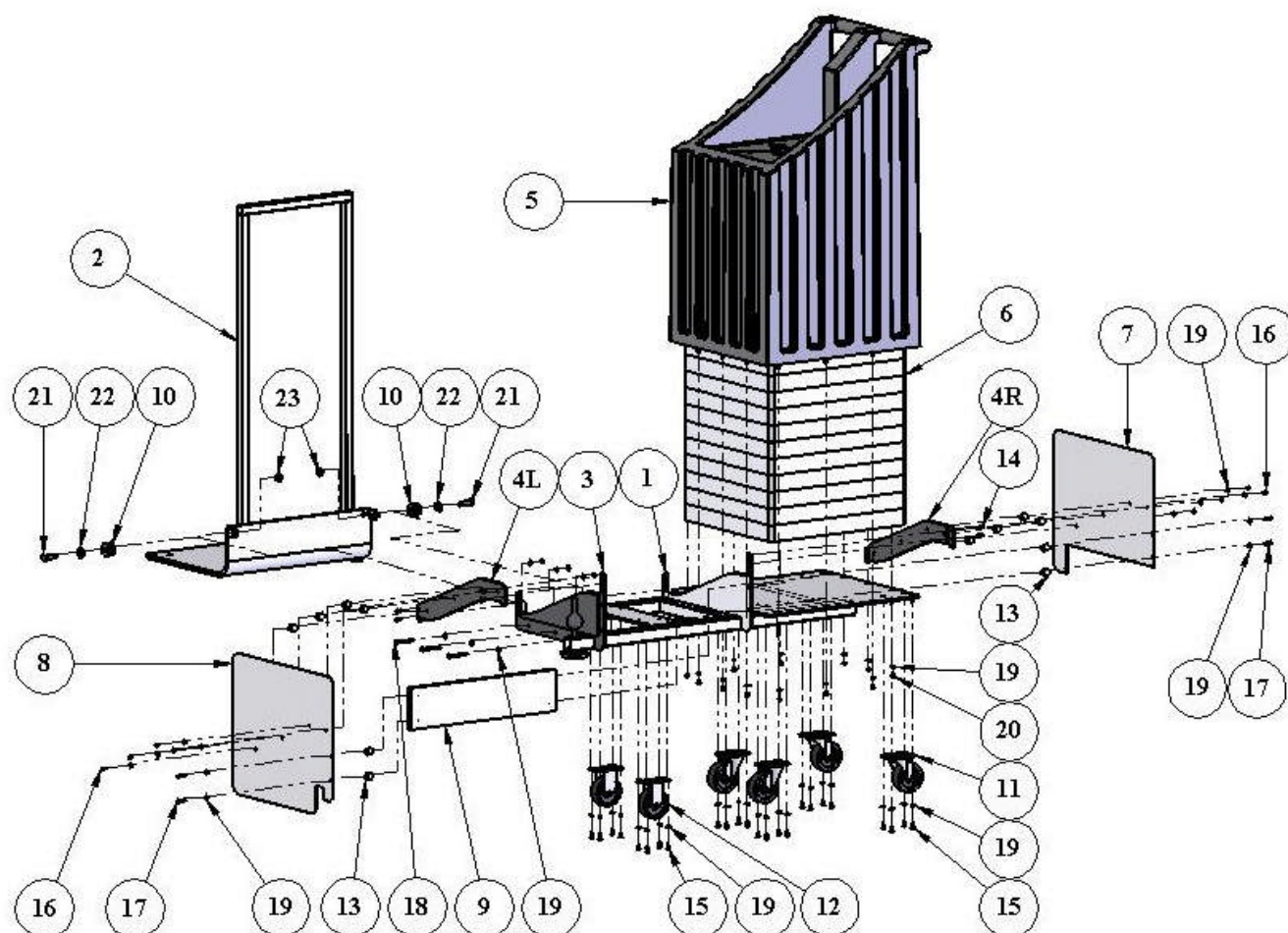
ITEM #	QTY	DESCRIPTION	PART NUMBER
1	1	PRO POOL BASE	A-2011PPB
2	1	PRO POOL FRAME	A-0404PPF
3	1	PRO POOL ACTUATOR FRAME	A-8980PPAF
4	1	PRO POOL SEAT ROTATE ARM	P-2012SRS
5	1	PRO POOL SEAT ARM	A-2012ARM
6	1	PRO POOL CONTROL ARM	L-2014FBL
7	1	CHAIR ASSEMBLY	(SEE NEXT PG)
8	1	FOLDING FOOTREST TUBE	P-2035LEG
9	1	FOLDING FOOTREST	P-910
10	1	LINEAR ACTUATOR	F-499RAS
11	1	24 VDC LEAD-ACID BATTERY	F-004AB
12	1	CONTROL BOX	F-40CBJ
13	1	HANDSET CONTROL	F-100JH
14	1	BATTERY/CB BRACKET	MBJ2-01
15	1	1/4"-20 x 1 1/2" HEX BOLT, S.S.	BOLT1/4X1/2SSHEX
16	1	1/4"-20 x 3" HEX BOLT, S.S.	BOLT1/4X3SSHEX
17	4	1/4" FLAT WASHER, S.S.	FLATWASHER1/4SS
18	1	1/4"-20 NYLOCK NUT, S.S.	NYLOCK1/420SS
19	1	3/8"-16 x 2 1/2" HEX BOLT, S.S.	BOLT3/8X21/2SSHEX
20	1	3/8"-16 x 1 3/4" HEX BOLT, S.S.	BOLT3/8X13/4SSHEX
21	2	3/8" FLAT WASHER, S.S.	FLATWASHER3/8SS
22	2	3/8"-16 NYLOCK NUT, S.S.	NYLOCK3/816SS
23	2	1/2" FLAT WASHER, S.S.	FLATWASHER1/2SS
24	2	1/2"-13 NYLOCK NUT, S.S.	NYLOCK1/213SS
25	2	1/2" x 1/8" THRUST WASHER, BRONZE	TW1/2X1/8BRNZ
26	2	1/2" x 1/4" FLANGE BEARING, BRONZE	FB1/2X1/4BRNZ
27	1	5/8"-11 x 6" HEX BOLT, S.S.	BOLT5/8X6SSHEX
28	2	5/8"-11 x 1 1/2" HEX BOLT, S.S.	BOLT5/8X11/2SSHEX
29	4	5/8" FLAT WASHER, S.S.	FLATWASHER5/8SS
30	3	5/8"-11 NYLOCK NUT, S.S.	NYLOCK5/811SS
31	3	5/8" x 1/8" THRUST WASHER, BRONZE	TW5/8X1/8BRNZ
32	2	5/8" x 1 1/8" FLANGE BEARING, BRNZE	FB5/8X11/8BRNZ
33	1	3/4" FLAT WASHER, S.S.	FLATWASHER3/4SS
34	1	3/4"-10 NYLOCK NUT, S.S.	NYLOCK3/410SS
35	2	3/4" x 1 1/8" FLANGE BEARING, BRNZE	FB3/4X11/8BRNZ



SEAT ASSEMBLY: PARTS LIST

ITEM #	QTY	DESCRIPTION	PART NUMBER
1	1	SEAT BODY	F-132RC
2	2	SEAT ARMREST TUBE	SA-0904SAT
3	2	SEAT ARMREST HANDGRIP	RUBBERFINGERGRIPS
4	2	1/4"-20 x 3" HEX BOLT, S.S.	BOLT1/4X3SSHEX
5	2	1/4" FLAT WASHER, S.S.	FLATWASHER1/4SS
6	1	1/4" QUICK RELEASE PIN, S.S.	PIN1/4X3SS
7	1	LANYARD FOR QRP	LANYARD
8	1	SHEET METAL SCREW, S.S.	SA-0904SMS

PATRIOT PORTABLE: PARTS LIST



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	PATRIOT PORTABLE CART	A-0138PSB-SB-SW
2	1	PATRIOT PORTABLE BASE	A-0138PSB-SB
3	1	OUTSIDE SLIDE-PLATE ASSEMBLY	A-0138CHP-OUT-W
4	2	UPPER SLIDE-PLATE ASSEMBLY (L,R)	A-0138CHP-TOP (L,R)
5	1	PATRIOT WEIGHT-STACK COVER	P-985
6	10	PATRIOT WEIGHT PLATE, CONCRETE	P-0138CWP
7	1	PATRIOT SIDE GUARD IN	P-0138BSG-NS
8	1	PATRIOT SIDE GUARD OUT	P-0138BSG-FS
9	1	PATRIOT BACK TOE GUARD	P-0138BSE
10	2	FLANGE WHEEL, BRONZE	P-2110WHL
11	4	4" SWIVEL-CASTER W/BRAKE, SS	4"CASTERSS-WB
12	2	4" STRAIGHT-CASTER, SS	4"CASTERSS-ST
13	12	3/8" X 3/4" X 3/4" SPACER, HDPE	SPCR3/83/43/4HDPE
14	8	1/4" X 1/2" BUTTON HEAD CS, SS	BOLT1/41/2BHCSSS
15	24	1/4" X 1/2" HEX BOLT, SS	BOLT1/41/2HEXSS
16	8	1/4" X 1-1/4" BUTTON-HEAD CS, SS	BOLT1/411/4BHCSSS
17	4	1/4" X 2" BUTTON-HEAD CS, SS	BOLT1/42BHCSSS
18	3	1/4" X 3" HEX BOLT, SS	BOLT1/43HEXSS
19	54	1/4" FLAT WASHER, SS	FLATWASHER1/4SS
20	39	1/4"-20 NYLOCK NUT, SS	NYLOCK1/420SS
21	6	1/2" X 1-1/2" HEX BOLT, SS	BOLT1/211/2HEXSS
22	2	1/2" FLAT WASHER, SS	FLATWASHER1/2SS
23	2	1/2"-13 NYLOCK NUT	NYLOCK1/213SS

Aqua Creek Products, LLC Limited Warranty:

Pro Pool Lift™ - 24v Battery Powered

Patriot Portable Lift™

Aqua Creek Products lifts have a **Limited Lifetime Warranty** on the frames, not including the powder coat finish. Aqua Creek Products, LLC (a.k.a. Aqua Creek) also warrants to the original end user that all non-frame components manufactured by Aqua Creek, when properly installed in accordance with assembly and installation instructions, and properly used and maintained, shall be free from defects in material and workmanship for a period of five (5) years from the date of original purchase, provided that Aqua Creek receives prompt notice in writing of any defect or failure and satisfactory proof thereof, with the following exceptions:

Exception : All electrical components, including the linear actuator shall have the following warranty period:

Year 1-2: 100% Coverage

Year 3: 60% Coverage (Customer is responsible for 40% of replacement cost)

Year 4: 50% Coverage (Customer is responsible for 50% of replacement cost)

Year 5: 40% Coverage (Customer is responsible for 60% of replacement cost)

This warranty specifically excludes reimbursement for labor to remove, repair, or install the product and any return freight charges.

These warranties do not cover any damages due to accident, misuse, abuse, negligence or failure to properly maintain any products, or normal wear and tear from day to day operations. In the event that any products are altered, repaired, or improperly installed or improperly used by anyone without the prior written approval by Aqua Creek, all warranties are void. **IMPORTANT: AMOUNT OF WEIGHT PLACED ON LIFT SHALL NOT EXCEED THE RATED LIFTING CAPACITY OF 450 POUNDS [204 kg] FOR THE PATRIOT PORTABLE LIFT. NEVER OPERATE THE PATRIOT PORTABLE LIFT WITHOUT WATER (DRY POOL).**

To initiate a warranty claim, the owner of an Aqua Creek product must provide the place of purchase, in writing, with a full description of the product, its serial number, the dates of purchase and installation, and the exact nature of the defect. Within thirty (30) days after receipt of a written warranty claim by Aqua Creek, and barring any unforeseen delays, the place of purchase will be notified of Aqua Creek's decision regarding the claim.

If requested by Aqua Creek, any defective product must be returned, freight prepaid, to Aqua Creek's designated factory location or duly appointed distributor for inspection and/or repair. Aqua Creek will, at its option, repair or replace the failed or defective item, and deliver the repaired product or replacement to the buyer of the product, freight prepaid to the destination provided for in the original order. Products returned to Aqua Creek for which Aqua Creek provides replacement under this limited warranty shall become the property of Aqua Creek.

A new warranty period shall NOT be established for the repaired or replaced products. Such products shall remain under warranty only for the remainder of the original warranty period on the original products purchased.

This written limited warranty constitutes the final, complete and exclusive statement of warranty terms. No person or organization is authorized to make any other specific or implied warranties or representations on behalf of Aqua Creek.

THE WARRANTIES SET FORTH HEREIN ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, WHICH ARE HEREBY DISCLAIMED AND EXCLUDED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE.

THE SOLE AND EXCLUSIVE REMEDIES FOR BREACH OF ANY AND ALL WARRANTIES WITH RESPECT TO THE PRODUCTS SHALL BE LIMITED TO REPAIR OR REPLACEMENT AT AQUA CREEK'S DESIGNATED FACTORY LOCATION, OR DULY APPOINTED DISTRIBUTOR, OR IN PLACE AT AQUA CREEK'S OPTION. IN NO EVENT SHALL AQUA CREEK'S LIABILITY EXCEED THE ENTIRE AMOUNT PAID TO AQUA CREEK BY THE ORIGINAL PURCHASER FOR THE FAILED OR DEFECTIVE PRODUCT.

IN NO EVENT SHALL AQUA CREEK PRODUCTS, LLC BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT, PUNITIVE OR EXEMPLARY DAMAGES OR LOST PROFITS FROM ANY BREACH OF THIS LIMITED WARRANTY OR OTHERWISE.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH MAY VARY FROM STATE TO STATE.

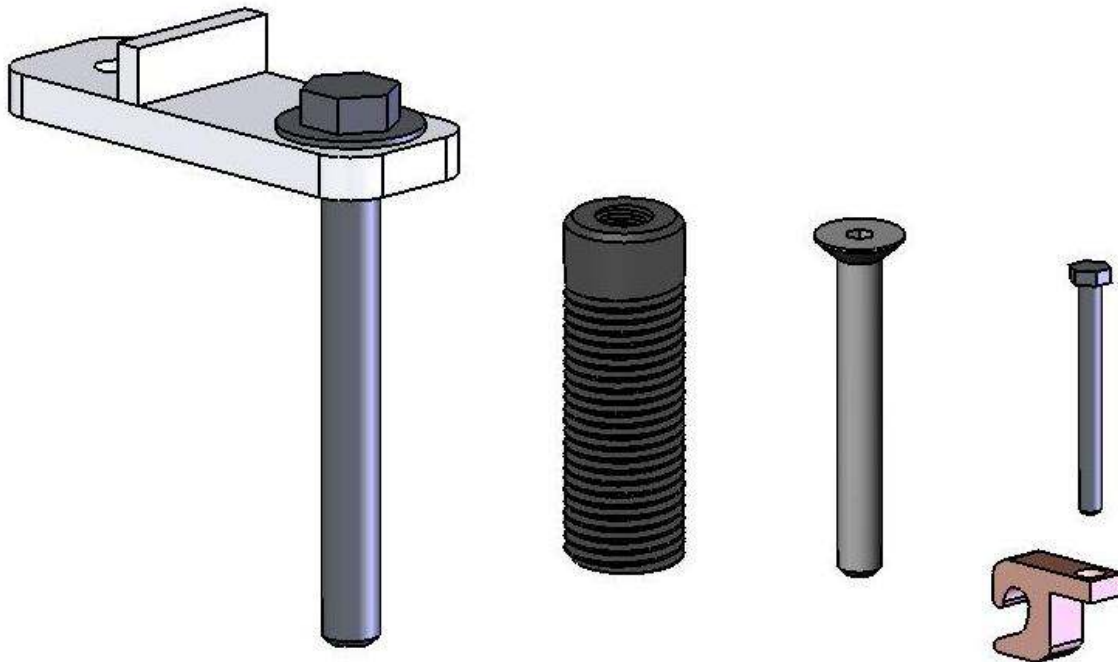
SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, SO SOME OF THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

Aqua Creek Products
9889 Garrymore Lane
Missoula, MT 59808



Aqua Creek Products

The Total Solution for Pool and Spa Access



PORTABLE DOCKING BAR & BOLT (FOR PATRIOT & REBEL PORTABLE LIFTS)

PART NUMBER: F-2PDS

MANDATORY – LEAVE THIS MANUAL WITH LIFT OWNER

- WARNING -

IMPORTANT SAFETY INSTRUCTIONS

1. READ AND FOLLOW ALL INSTRUCTIONS. LIFT SAFETY CAN ONLY BE ENSURED IF THE LIFT IS INSTALLED AND OPERATED PROPERLY – ACCORDING TO THESE INSTRUCTIONS.
2. TO REDUCE THE RISK OF INJURY, DO NOT PERMIT CHILDREN TO USE THIS PRODUCT UNLESS THEY ARE CLOSELY SUPERVISED AT ALL TIMES.
3. DO NOT PERMIT CHILDREN TO PLAY ON OR AROUND THIS PRODUCT.
4. NEVER APPLY DIRECT WATER PRESSURE TO THE ELECTRONIC COMPONENTS.
5. SAVE A COPY OF THESE INSTRUCTIONS IN A SAFE AND EASILY ACCESSIBLE PLACE.

AQUA CREEK PRODUCTS

9889 GARRYMORE LANE

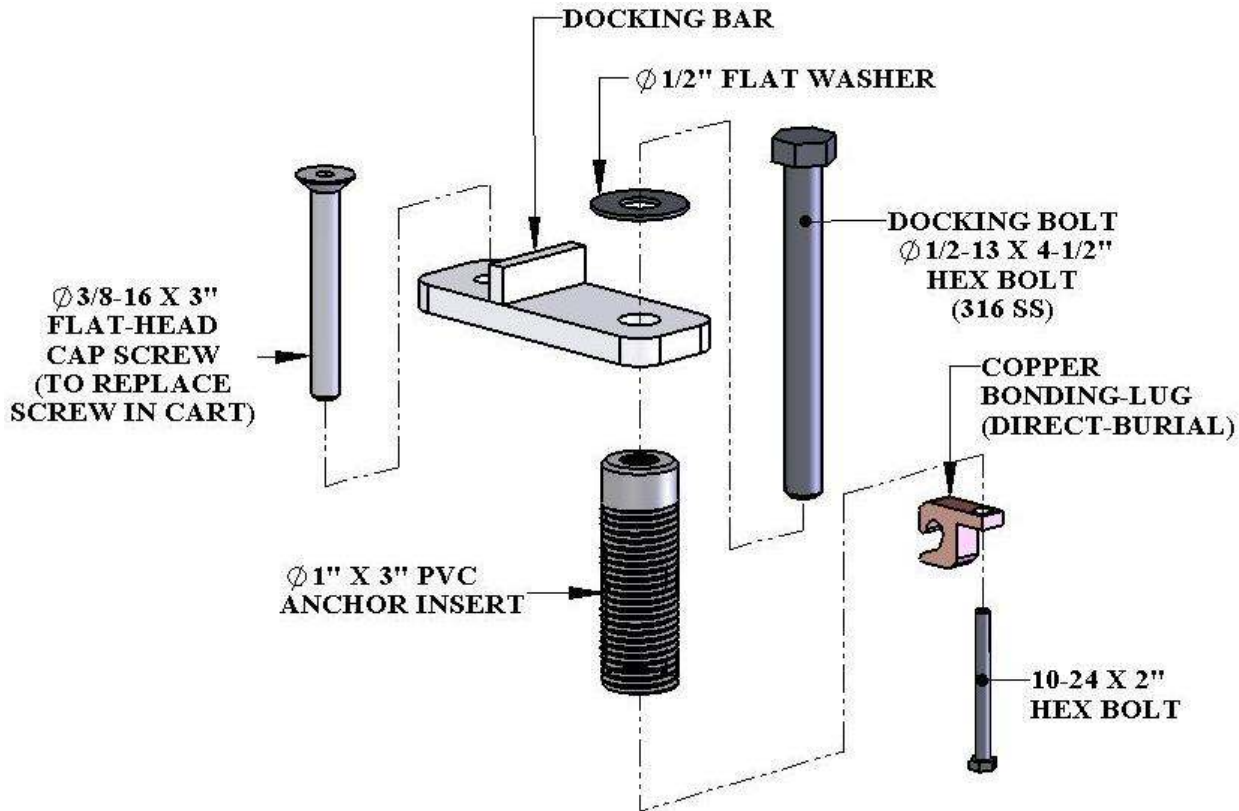
MISSOULA, MT 59808

1-888-687-3552

FAX: 406-549-2602

THE PORTABLE DOCKING STATION

The Aqua Creek Portable Docking station has been designed to be easy to install and operate. It consists of a "DOCKING BAR", a "DOCKING BOLT" to hold down the lift and a 1" X 4" PVC ANCHOR INSERT. The installation requires drilling one (1) 1-1/4" diameter hole 4" deep. The installation instructions can be found on page 4. The additional parts shown (bonding-lug and 10-24 hex bolt) are included in case your installation requires bonding*. If you have any questions regarding this product or its installation please contact Aqua Creek for more information.

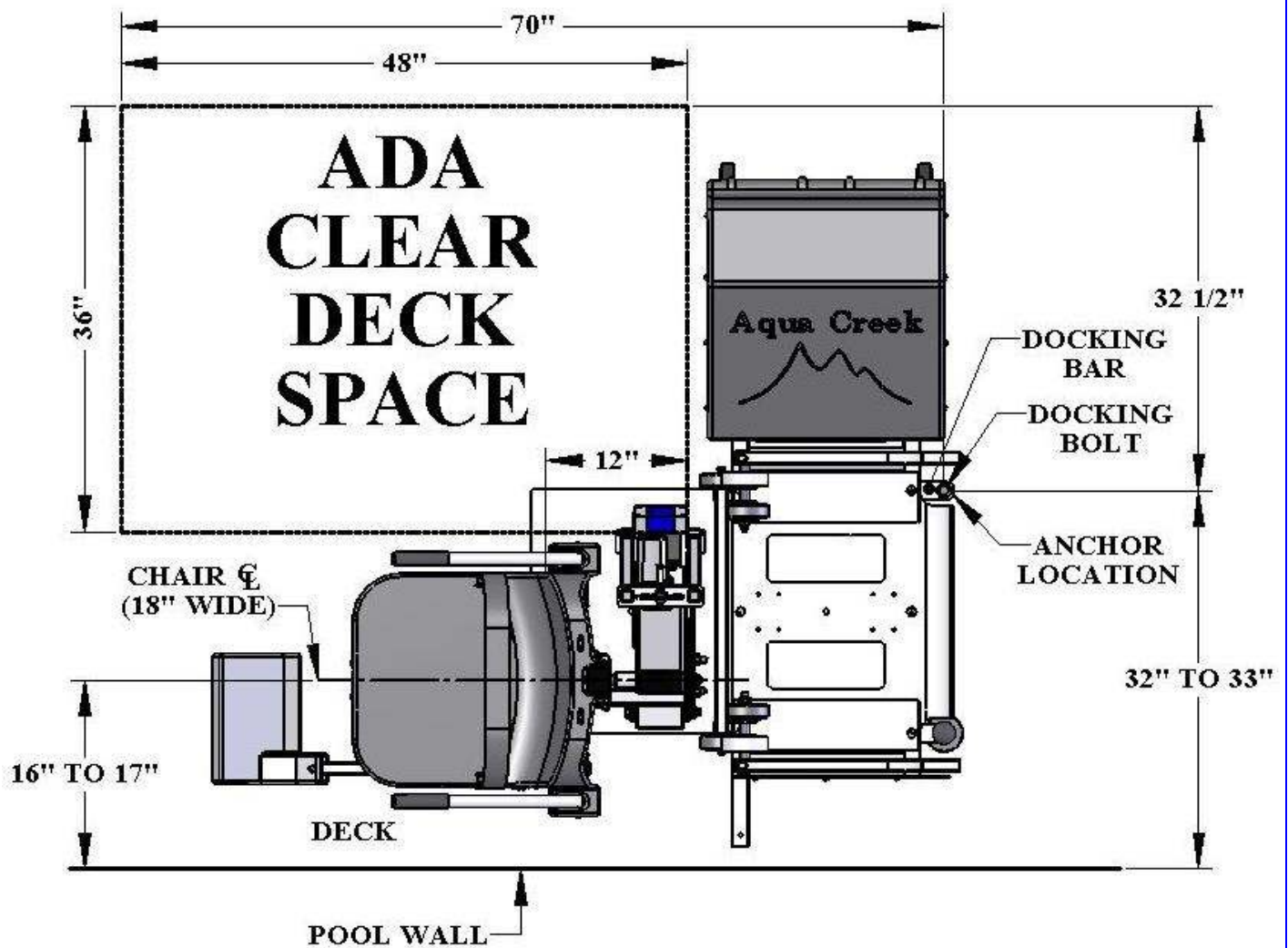


The Portable Docking Station comes equipped with a copper bonding lug (direct-burial listed) making it capable of being bonded (electrically connected) to the pool's equipotential bonding grid. Depending on how your local electrical codes have been written and interpreted the anchor insert may need to be bonded*. For more information see the NEC Article 680.26 "equipotential bonding".

*** We don't write the NEC Codes or interpret them. Your pool lift may be required to be bonded (a portable lift that has been "fixed" to the deck) per the DOJ latest ruling. Check with the Authority Having Jurisdiction over your pool, usually the local building inspector or local building permit and inspection office.**

ADA COMPLIANT INSTALLATION

To make a “portable” lift ADA compliant it must be fixed in position, and can’t be moved or removed without tools. This is to ensure that the lift is available at all times, and that it is installed in a location that meets the ADA requirements. The Aqua Creek Portable Docking Station has been designed to meet all ADA requirements when properly installed. The diagram below gives an overview of what an “ADA compliant” installation entails.



INSTALLATION INSTRUCTIONS:

TOOLS REQUIRED:

CORE-DRILLING RIG

1-1/4" DIAMETER CORE-DRILL

TAPE MEASURE

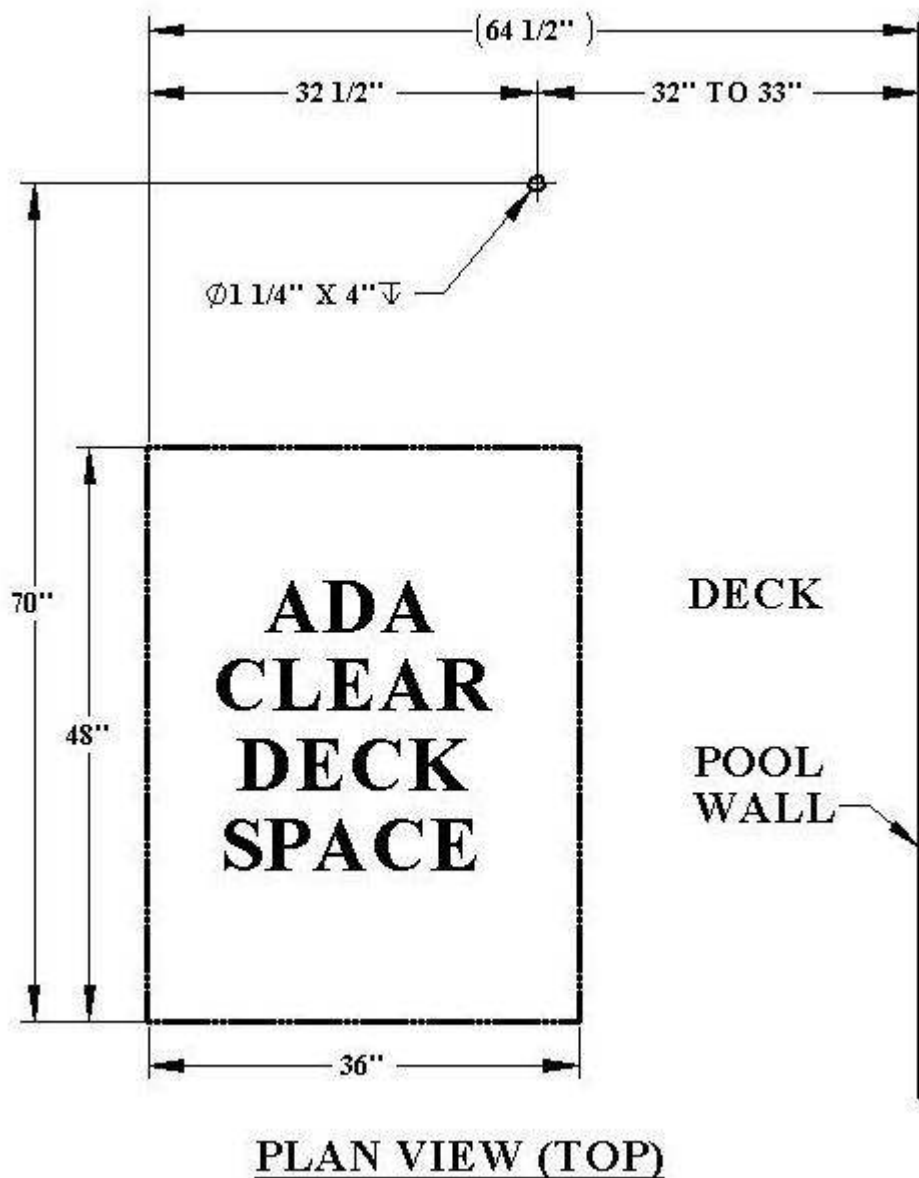
MARKING PEN

STEP 1] Use the diagram below to determine the location of the DOCKING ANCHOR. Make sure to allow for the clear deck space as shown.

STEP 2] Mark the location for the 1-1/4" x 4" deep anchor hole. Drill a 1/2" diameter, 4" deep hole at the marked location.

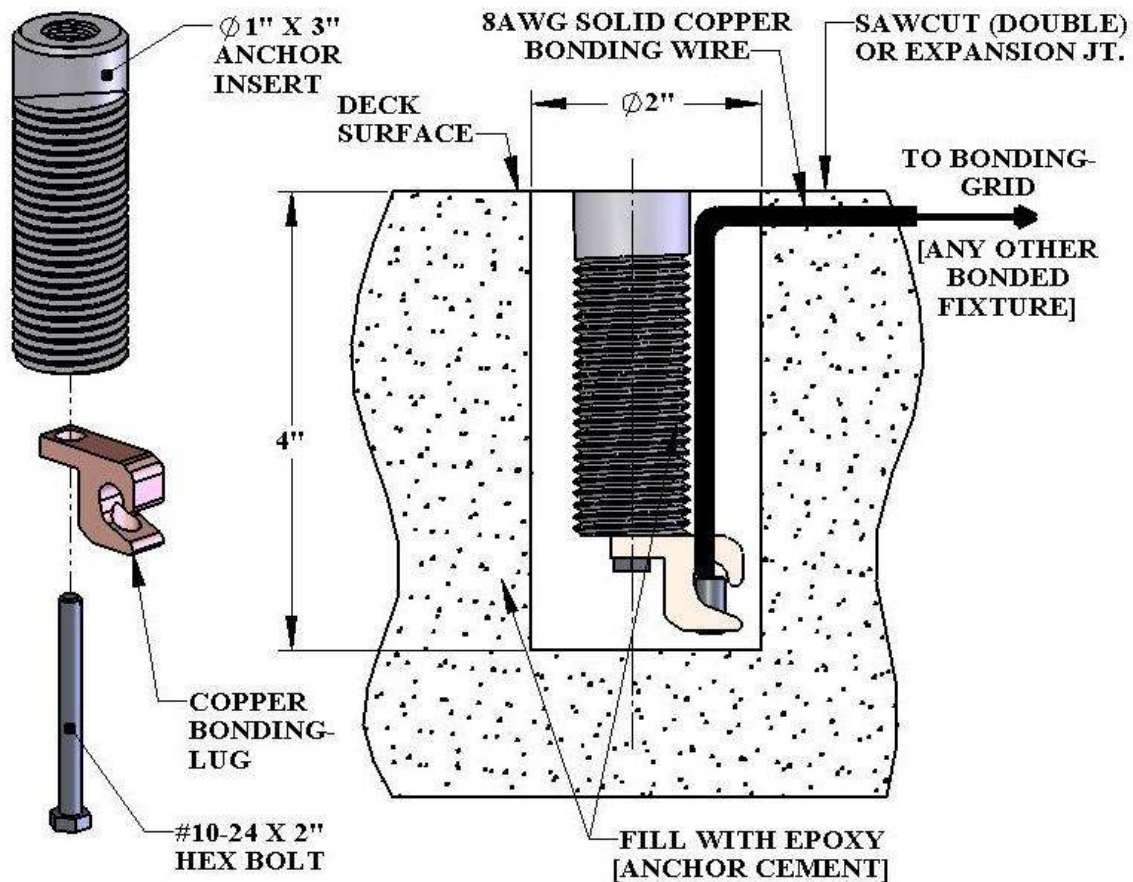
STEP 3] Dry-fit the anchor-insert to make sure it fits flush with the deck surface.

STEP 4] Fill the hole 1/2 full with epoxy. Install the anchor insert flush with the deck surface. Allow 24 hours for the epoxy to cure.



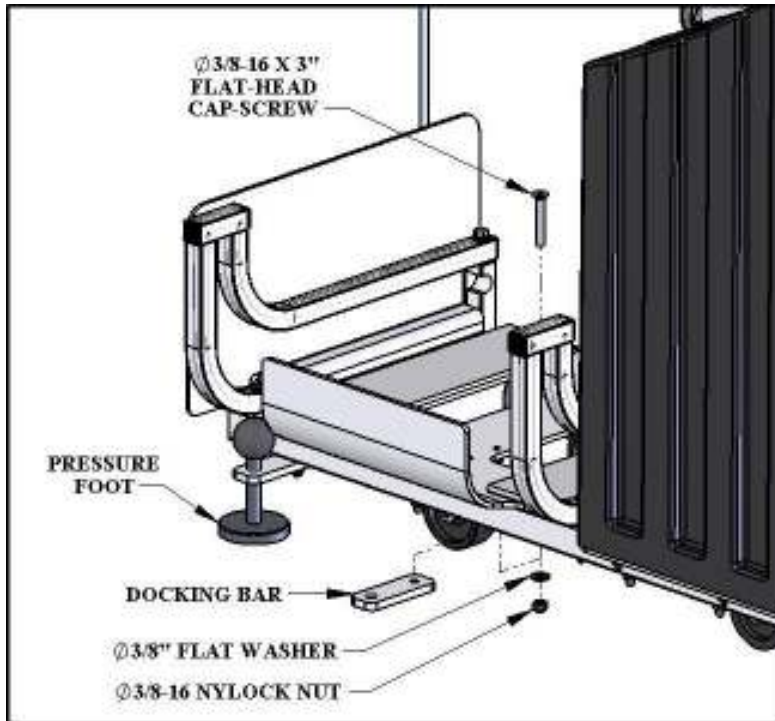
BONDING THE PORTABLE LIFT:

If it is determined that your installation must be bonded* the copper bonding-lug and #10-24 X 2" hex bolt will need to be installed on the 1" x 3" anchor insert as shown below. The 8-AWG solid-copper wire attaches to the bonding lug, and can be run through an expansion joint, or a double-wide saw-cut groove. The wire is attached to a bonded metal fitting, such as a ladder or railing, or to any metal bonded part or fixture in the pool's bonding grid. For more information refer to the National Electrical Code; NEC Article 680.



****We don't write the NEC Codes or interpret them. Your pool lift may be required to be bonded (a portable lift that has been "fixed" to the deck) per the DOJ latest ruling. Check with the Authority Having Jurisdiction over your pool, usually the local building inspector or local building permit and inspection office.***

INSTALLATION INSTRUCTIONS:



STEP 1: Remove the 3/8" flat-head cap-screw from the location on the portable cart where the DOCKING BAR will be installed. Remove the bolt using a 7/32" hex key or wrench and a 9/16" hex wrench as shown in STEP 1. Save the flat washer and Nylock nut for the next step.



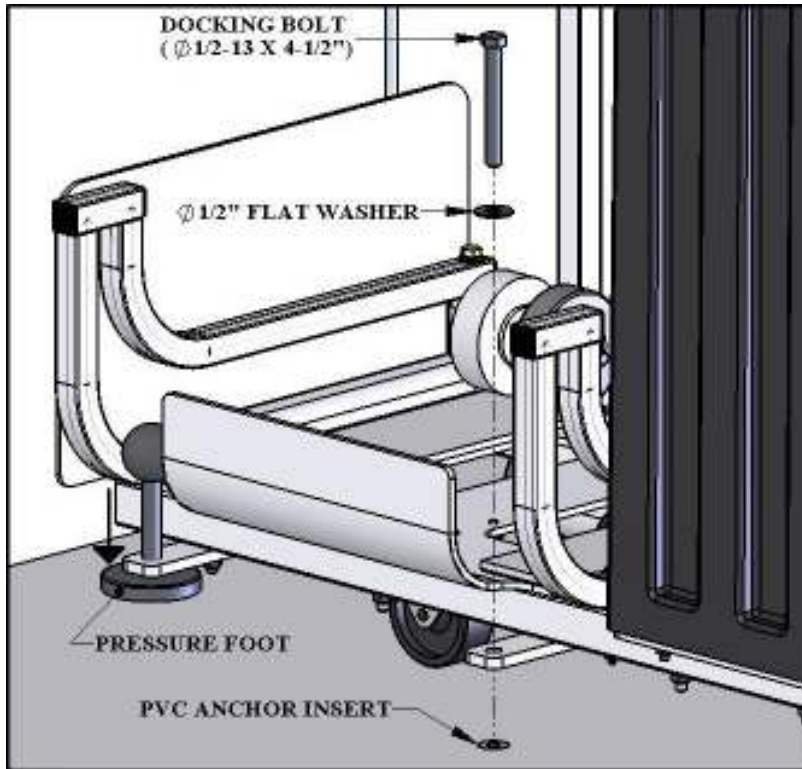
STEP 2: Align the smaller hole of the DOCKING BAR from underneath and install the replacement 3/8" x 3" flat-head cap-screw as shown in STEP 2. Install the 3/8" flat washer and Nylock nut (underneath) from STEP 1.

STEP 3: Tighten the 3/8" flat-head bolt and Nylock nut using the 7/32" hex key and 9/16" hex wrench from STEP 1. Tighten the hardware until snug.

The DOCKING BAR is now ready to use.



OPERATING INSTRUCTIONS



STEP 1: Roll the portable cart over the installed anchor as shown above and in the picture (STEP 1). Look straight down through the DOCKING BAR to align the anchor with the DOCKING BAR.

STEP 2: Drop the 1/2" x 4-1/2" DOCKING BOLT into the DOCKING BAR and start to thread the bolt into the anchor by hand. Adjust the alignment until the bolt threads in a couple of threads by hand. This is to ensure that the bolt is properly aligned before threading with a wrench.



STEP 3: Tighten the DOCKING BOLT with a 3/4" wrench or socket. Tighten until the bolt is just touching the flat washer. **DO NOT OVERTIGHTEN.**

Lower the PRESSURE FOOT until it touches the deck. Tightening the PRESSURE FOOT will hold the lift in place more securely. Also lock the locking casters (rear) for even more stability.

The lift is now ready to deploy and use. Follow the operating instructions included with the Aqua Creek Products' lift.

