



INSTALLATION & OPERATION MANUAL

MODEL: MIGHTY VOYAGER
CATALOG #: F-VGRPL

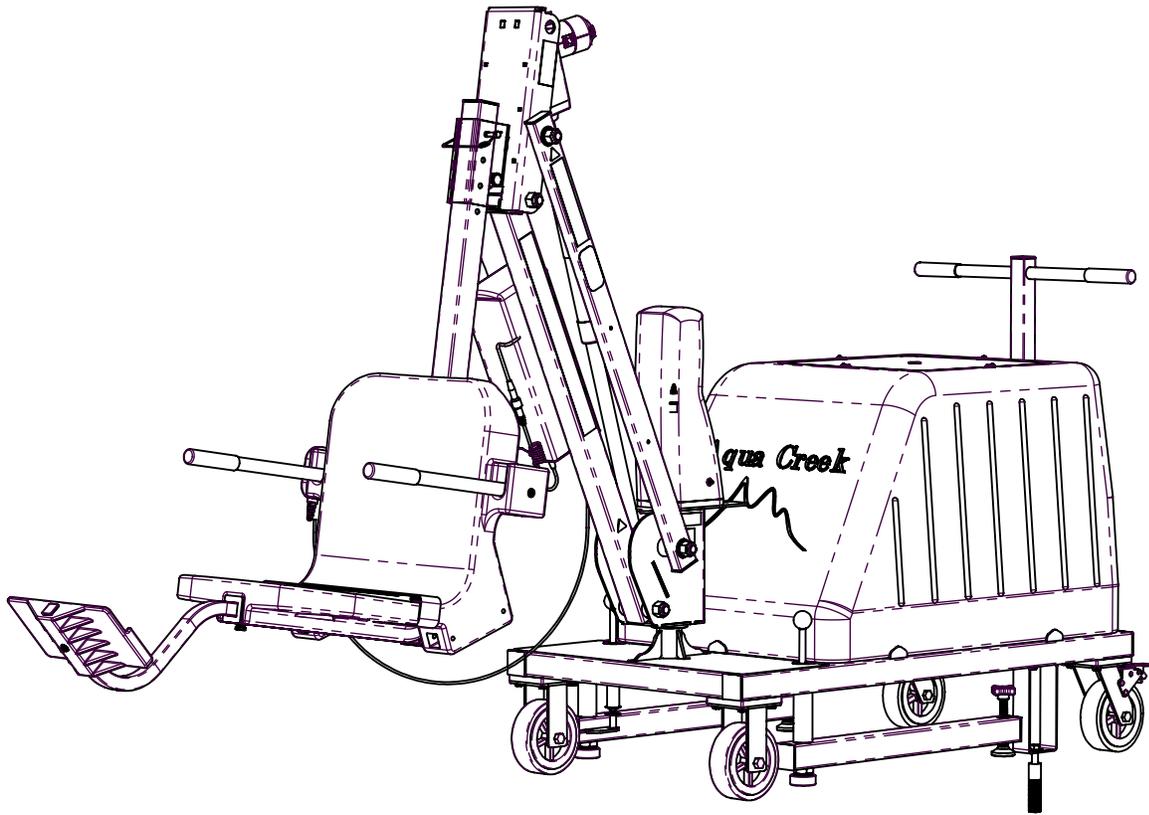




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IMPORTANT SAFETY INFORMATION



When installing this product, basic safety precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING

WARNING - To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.

A wire connector is provided on this appliance to connect a minimum 8AWG (8.4mm²) solid copper conductor between this unit and the means of equipotential bonding.

Check appliance periodically for signs of deterioration: Keep all nuts, bolts and screws tight to be sure the lift is in safe working condition.

SAVE THESE INSTRUCTIONS

Affix the supplied "ADA POOL/SPA LIFT" sign in a location visible from the appliance at all times.

Rechargeable batteries are to be removed from the appliance before being charged. Batteries are to be installed with the correct polarity. If the appliance is to be stored unused for a long period of time, the batteries should be removed and stored on the wall mounted charger to maintain the battery charge. The supply terminals are NOT to be short-circuited.

REDUCE THE RISK OF DROWNING

- Never swim alone.
- Never use the appliance to enter an empty pool.
- Never apply direct water pressure to the electronics.
- Never permit children to play on or around this appliance.
- Supervise children at all times.

DO NOT jump or dive from this appliance.

Seat may be hot, use caution when entering.

Keep appliance covered when not in use. Inspect and clean before use.

READ CAREFULLY

Check the entire box and all packing materials for parts. Before beginning assembly, read the instructions and identify parts using the figures and parts listed in this document. It is critical that all parts be carefully inspected prior to installation. If any damage occurred in transit, Aqua Creek Products LLC must be notified within three (3) days of receipt. Proper installation cannot be over-stressed, as an improper installation will void Aqua Creek's warranty and may affect the safety of the user.

FOR INDOOR OR OUTDOOR USE

ADA REQUIREMENTS FOR POOL LIFTS* (US ONLY)

1009.2.1 Pool Lift Location

Pool lift shall be located where the water level does not exceed 48". If entire pool water level exceeds 48", place pool lift where convenient.

1009.2.2 Seat Location

In the raised position, the centerline of the seat shall be located over the deck a minimum of 16" from the edge of the pool.

1009.2.3 Clear Deck Space

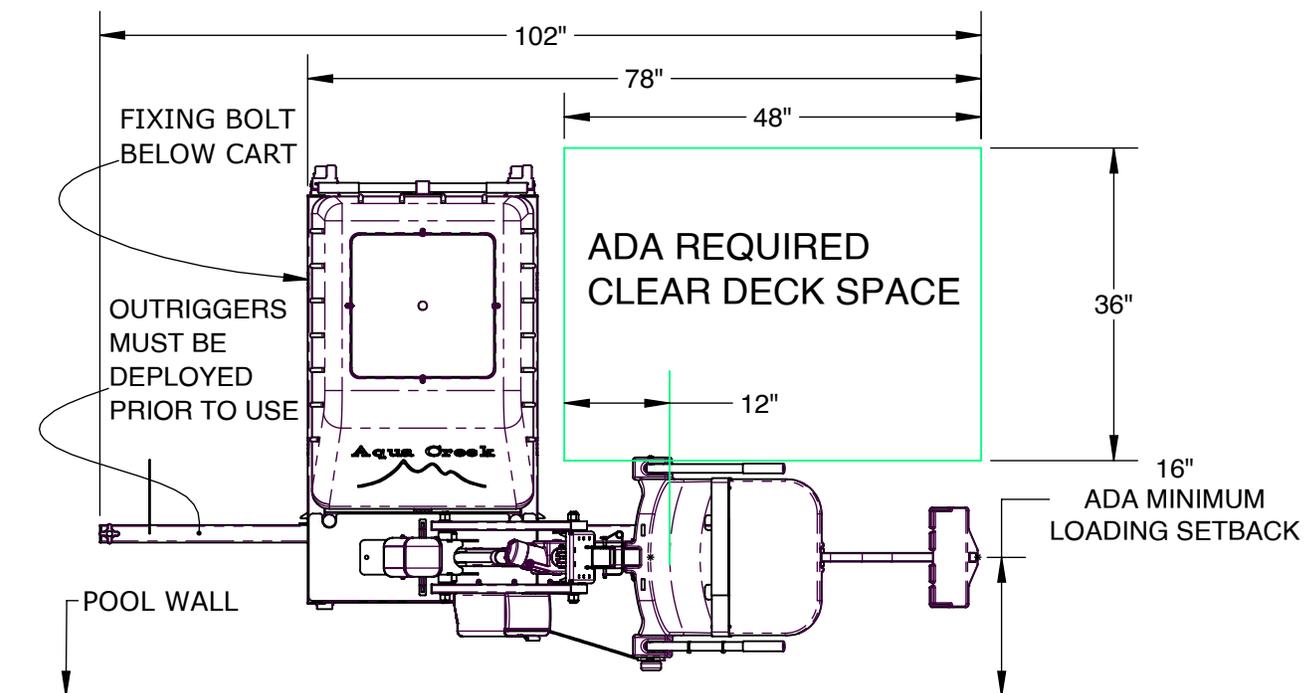
On the side of the seat opposite the water; a clear deck space shall be provided parallel with the seat. The space shall be 36" wide minimum and shall extend forward 48" minimum from a line located 12" behind the rear edge of the seat.

1009.2.4 Seat Height

The lift shall stop at 16" - 19" measured from the deck to the top of the seat surface when in the loading position.

1009.2.8 Submerged Depth

The lift shall submerge the seat a minimum of 18" below the stationary water level



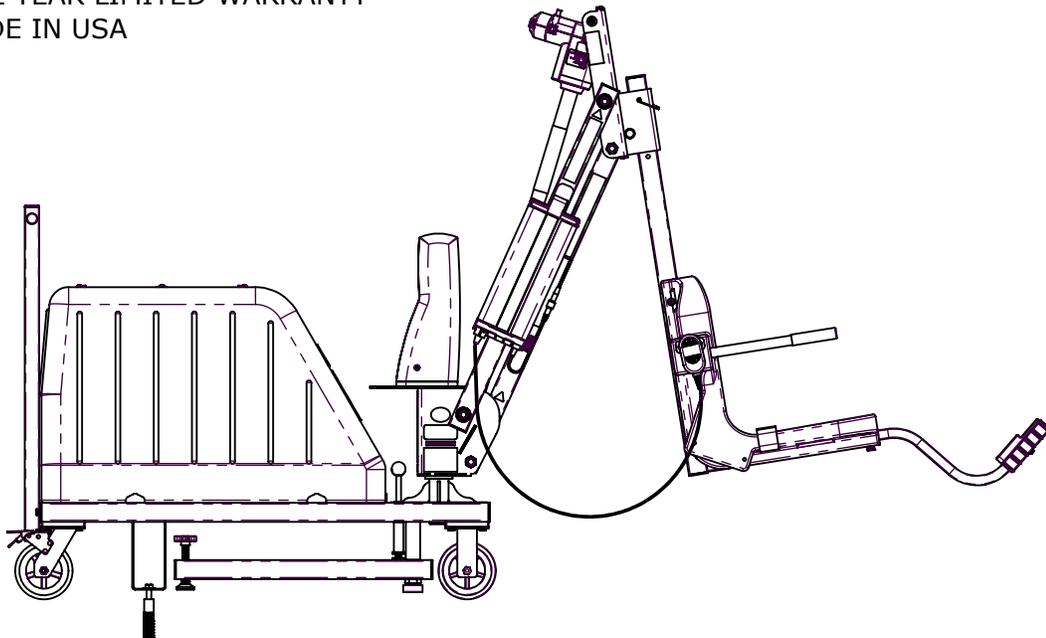
*Compliance with ADA is the responsibility of the pool owner. Visit www.ada.gov for complete guidelines. 4

PRODUCT OVERVIEW AND APPLICATIONS

THE ADA COMPLIANT, UL CERTIFIED, MIGHTY VOYAGER LIFT IS AN AFFORDABLE PORTABLE LIFT THAT PROVIDES ACCESS TO IN-GROUND AND SOME PARTIALLY RAISED POOLS AND SPAS. EQUIPED WITH AN ADJUSTABLE SEAT HEIGHT THAT ALLOWS THE THE LIFT TO CLEAR CURBS OR RAISED WALLS UP TO 10". THE LOW PROFILE DESIGN MAKES THIS LIFT EASILY BLEND IN AT ANY POOL, AND BEING PORTABLE, THE LIFT CAN EASILY BE ROLLED ON ITS LARGE 6-INCH RUBBER CASTERS TO BE STORED AWAY FROM THE POOL WITHOUT THE NEED FOR A SEPARATE TRANSPORT CART. THE LARGE 15-INCH SQUARE OPENING IN THE BALLAST COVER ALLOWS FOR EASY FILLING AND REMOVAL OF THE SAND COUNTER-WEIGHT THROUGH USE OF A VACUUM OR BUCKET IF NECESSARY. THIS LIFT COMES COMPLETE WITH AN ADA FIXING ANCHOR TO MEET U.S. FEDERAL ADA REGULATIONS.

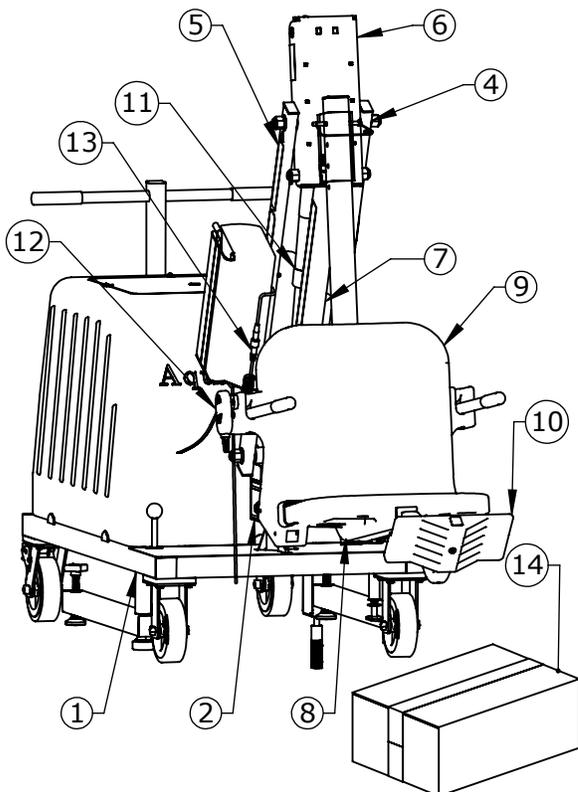
FEATURES

- ADA COMPLIANT & UL SAFETY CERTIFIED
- 325 LB. (147 KG) WEIGHT CAPACITY
- WHISPER-QUIET 255-DEGREE ROTATION
- STAINLESS STEEL CONSTRUCTION WITH POWDER COAT FINISH
- FIVE YEAR LIMITED WARRANTY
- MADE IN USA



PRODUCT COMPONENTS

MIGHTY VOYAGER - INV02592				
ITEM	PART NO.	QTY.	REV.	DESCRIPTION
1	INV03147	1	2	ASSEMBLY - VOYAGER CART
2	INV02759	1	1	ASSEMBLY - MAIN FRAME
3	INV02755	1	2	ASSEMBLY - MOTOR MOUNT
4	INV02763	1	1	ASSEMBLY - VGR CONTROL ARM
5	INV02762	1	1	ASSEMBLY - VGR CONTROL ARM (B)
6	INV02760	1	P1	ASSEMBLY - TOP CASING
7	INV02761	1	1	ASSEMBLY - VGR LIFTING ARM - 37.75"
8	INV02766	1	2	ASSEMBLY - SEAT CRADLE
9	INV01417	1	P1	ASSEMBLY - SEAT 18.00" - BLUE
10	INV01903	1	1	ACCESSORY - FOOTREST - BLUE
11	INV03073	1	1	ACTUATOR - LINAK - 400MM - 90DEG
12	INV01845	1	P1	REMOTE - 4 BUTTON LINAK
13	INV01151	1	P1	CONTROL BOX - VITO 2 PORT - 10AMP
14	INV03287	1	1	STOCK BOX - VITO



ASSEMBLY - STOCK BOX - VITO - INV03287			
ITEM	PART NO.	QTY.	DESCRIPTION
1	INV00249	1	DIELECTRIC GREASE PACKET - 6 GRAMS
2	INV00534	1	CHAIR - SEAT BELT
3	INV00646	1	LABEL #133 - PROP 65 (BATTERY)
4	INV01804	1	LABEL #146 - DAILY CHARGE
5	INV00578	1	SIGN - "ADA LIFT AVAILABLE" (AQUA CREEK)
6	INV01152	1	CHARGER - VITO 24V
7	INV01153	1	BATTERY - VITO 24V - 2PC CONTROLS
8	INV00611	1	BRACKET - WALL MOUT (VITO)
9	INV00591	1	TEST CABLE - VITO 24V
10	INV01699	1	LABEL #145 - DO NOT UNPLUG
11	INV00418	2	BOLT - HEX 5/16"-18X3"
12	INV01176	4	WF - 5/16" FLAT WASHER
13	INV00742	2	NN - 5/16"-18 NYLOCK NUT

PRODUCT ASSEMBLY

NOTE:

ASSEMBLY WILL REQUIRE EIGHTEEN (18) 50LB BAGS (900LBS) OF SAND, NOT SUPPLIED WITH THE LIFT. **DO NOT USE LIFT WITHOUT SAND AS A COUNTERWEIGHT! DO NOT USE ANY MATERIAL OTHER THAN SAND AS A COUNTERWEIGHT!**

1. REMOVE THE LIFT FROM THE PACKAGING. SLIDE THE CHAIR AND CHAIR CRADLE THROUGH THE BOTTOM OF THE HEAD CASING AND ATTACH USING THE SUPPLIED SNAP PIN. SLIDE THE FOOTREST ASSEMBLY INTO THE CHAIR TUBE AND ATTACH USING THE SUPPLIED KNOB SCREW (BE SURE THE PLASTIC INSERT IS FULLY INSTALLED IN THE CHAIR TUBE AND THAT THE HOLE IN THE INSERT AND IN THE BOTTOM OF THE CHAIR TUBE ARE ALIGNED) SEE PAGE 9 FOR DETAILED FOOTREST INSTRUCTIONS.
2. REMOVE THE BALLAST LID AND FILL THE BALLAST TANK WITH 900 POUNDS OF ALL-PURPOSE SAND (THE SAND SHOULD COME TO THE BOTTOM OF THE LIP WHERE THE BALLAST TANK LID SITS, SEE PICTURE BELOW). ONCE ALL THE SAND HAS BEEN POURED IN, SECURE THE LID BACK IN PLACE ON TOP OF THE TANK.

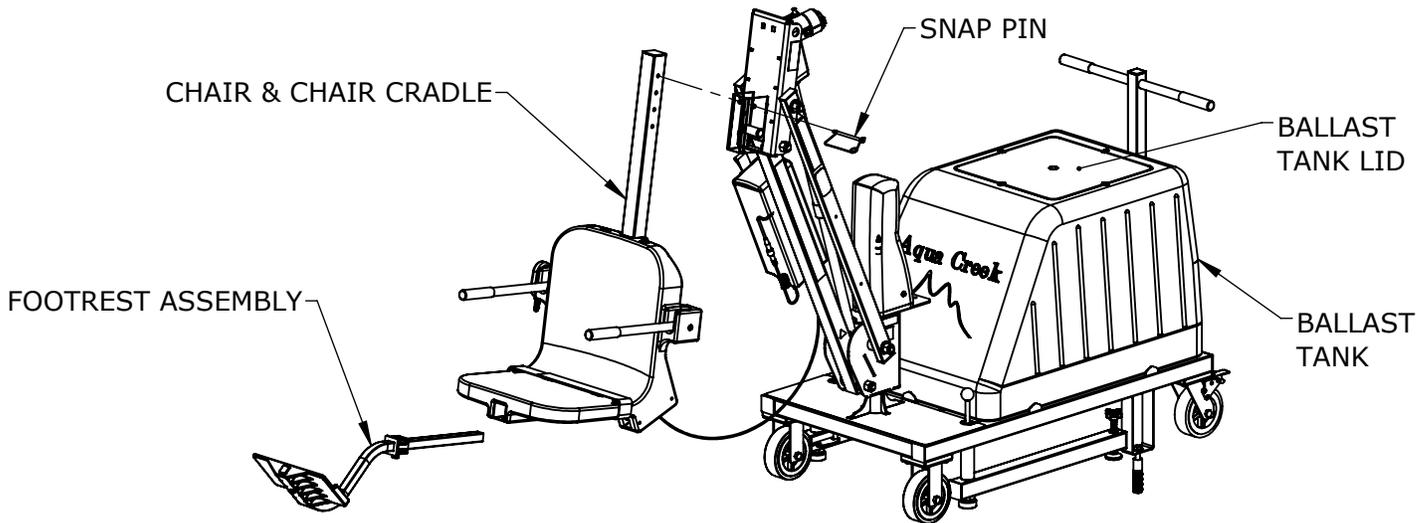


FIGURE 2



← ENSURE TANK IS FULL OF SAND TO BOTTOM OF LIP

PRODUCT ASSEMBLY

3. ATTACH THE SEAT BELT THROUGH THE SLOTS IN THE SEAT BASE AND PINCH THE HOOK & LOOP MATERIAL TOGETHER. SEE DIAGRAM TO RIGHT.
4. PLACE THE BATTERY ON THE CHARGER AND BRING TO A FULL CHARGE.
5. REMOVE THE FULLY CHARGED BATTERY FROM THE CHARGER AND INSTALL IT ON TOP OF THE CONTROL BOX. THE BATTERY WILL LINE UP WITH THE CONTROL BOX, AND WILL 'CLICK' WHEN IT PROPERLY LOCKS IN PLACE. APPLY DIELECTRIC GREASE TO THE PLUG TERMINALS, INCLUDING THE O-RING SEAL, AND THEN CONNECT THE BATTERY CABLE TO THE CONTROL BOX CABLE. NOTE: **TO EXTEND BATTERY LIFE, ALWAYS STORE BATTERY ON THE CHARGER WHEN THE LIFT IS NOT IN SERVICE.** SEE PAGE 9 FOR DETAILED INSTRUCTIONS
6. ROLL THE LIFT TO THE AREA NEAR THE POOL WHERE IT IS TO BE USED AND THEN LOCK THE REAR CASTERS.
7. DEPLOY BOTH OUTRIGGERS AND TWIST THE PRESSURE FOOT ON EITHER SIDE UNTIL THEY COME INTO CONTACT WITH THE GROUND. **DO NOT OPERATE LIFT UNLESS OUTRIGGERS ARE DEPLOYED!** SEE FIGURE 3 BELOW.
8. OPERATE THE LIFT WITHOUT A LOAD TO VERIFY THAT THE LIFT WILL OPERATE PROPERLY IN THE SELECTED LOCATION. CHECK THAT THERE IS ENOUGH CLEARANCE BETWEEN THE LIFT SEAT AND THE POOL WALL AS THE CHAIR EXTENDS INTO THE WATER.
9. WHEN LIFT IS CONFIRMED TO BE IN A PROPER LOCATION, A FACILITY MAY CHOOSE TO INSTALL A FIXING KIT. A FIXING KIT WILL AFFIX THE LIFT TO THE DECK AND IS REQUIRED FOR MOST COMMERCIAL APPLICATIONS TO BE ADA COMPLIANT. SEE FOLLOWING PAGE FOR DETAILED INSTRUCTIONS.

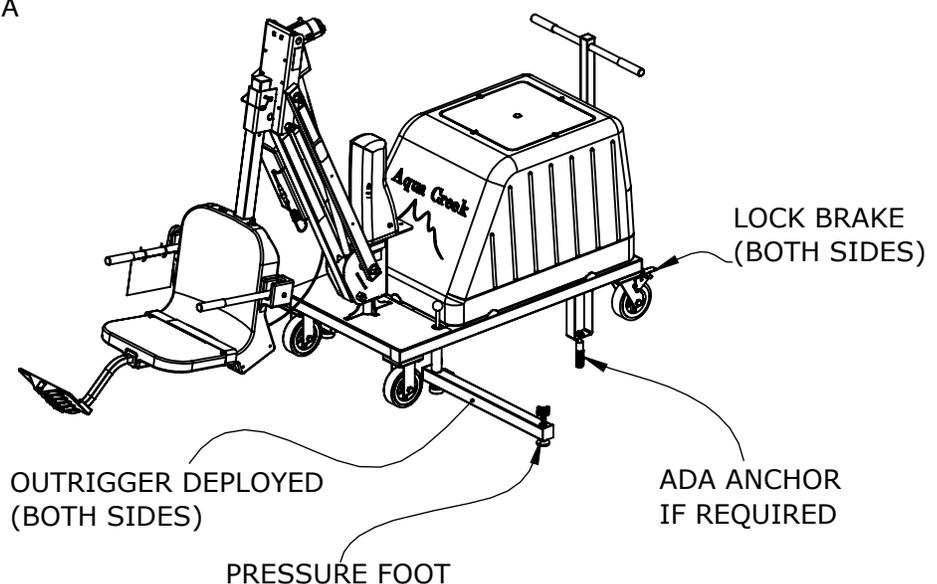
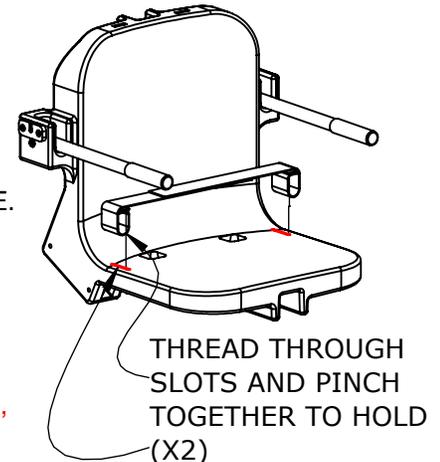


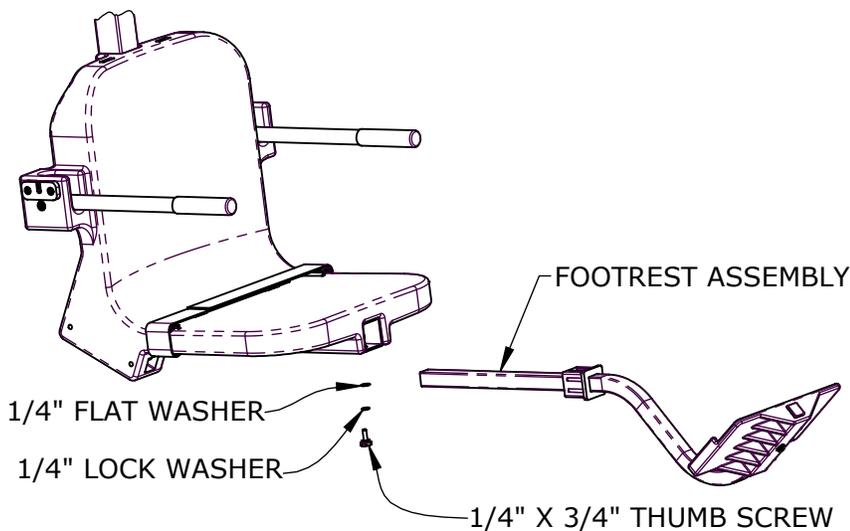
FIGURE 3

PRODUCT ASSEMBLY

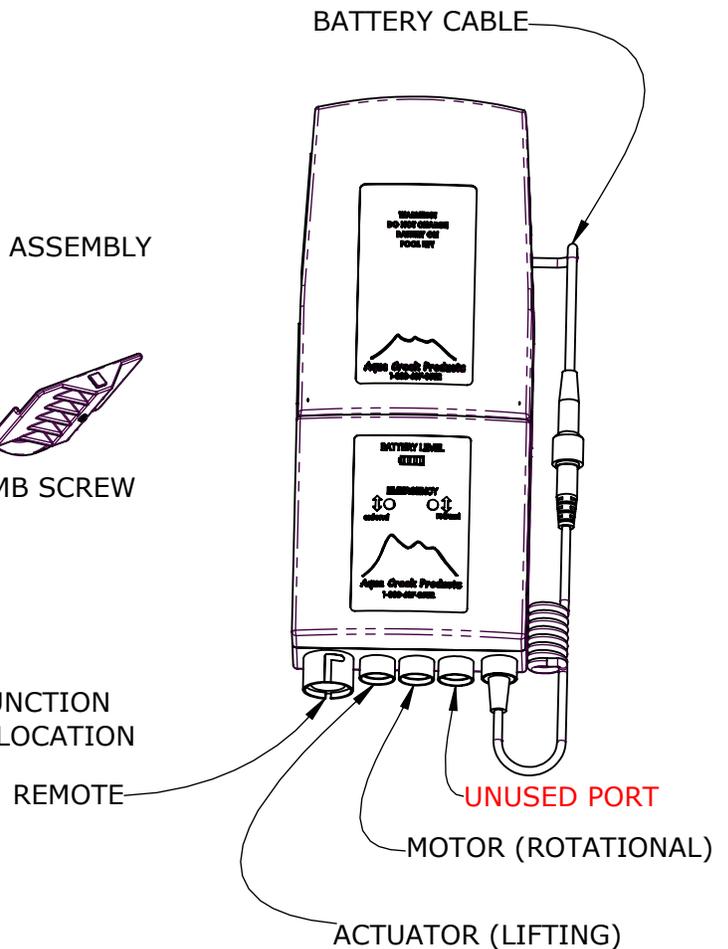
FOOTREST INSTALLATION INSTRUCTIONS

THE AQUA CREEK FOOTREST ASSEMBLY IS DESIGNED TO FIT UNDER THE CHAIR AND IS INSTALLED INSIDE THE 2" SQUARE TUBING THAT SUPPORTS THE CHAIR FROM UNDERNEATH. TO INSTALL THE FOOTREST:

1. INSERT THE FOOTREST ASSEMBLY INTO THE 2" X 2" SQUARE TUBE THAT SUPPORTS THE CHAIR UNTIL THE PLASTIC INSERT OF THE FOOTREST ASSEMBLY SITS FLUSH AGAINST THE END OF THE 2" X 2" TUBE.
2. USING THE SUPPLIED 1/4" HARDWARE, FASTEN THE LARGEST ASSEMBLY TO THE 2" X 2" TUBE.



3. ENSURE ALL FOUR CABLES ARE INSERTED INTO THE CORRECT PORT. THE LIFT WILL NOT FUNCTION PROPERLY IF CABLES ARE NOT IN THE CORRECT LOCATION



PRODUCT ASSEMBLY

MIGHTY VOYAGER FIXING KIT INSTALLATION INSTRUCTIONS

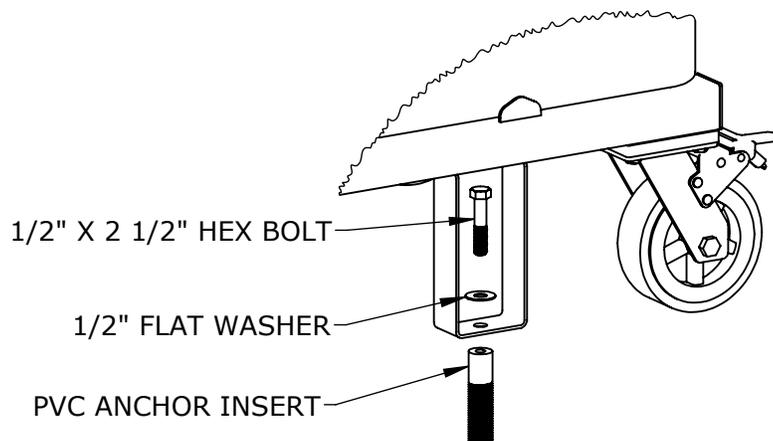
TOOLS REQUIRED:

- CORE-DRILLING RIG
- 1-1/4" DIAMETER CORE-DRILL
- 3/4" WRENCH OR SOCKET
- 2-PART CONSTRUCTION EPOXY OR EQUIVALENT
- TAPE MEASURE
- MARKING PEN

NOTE: FIXING KIT INSTALLATION IS ONLY REQUIRED FOR ADA APPLICATIONS.

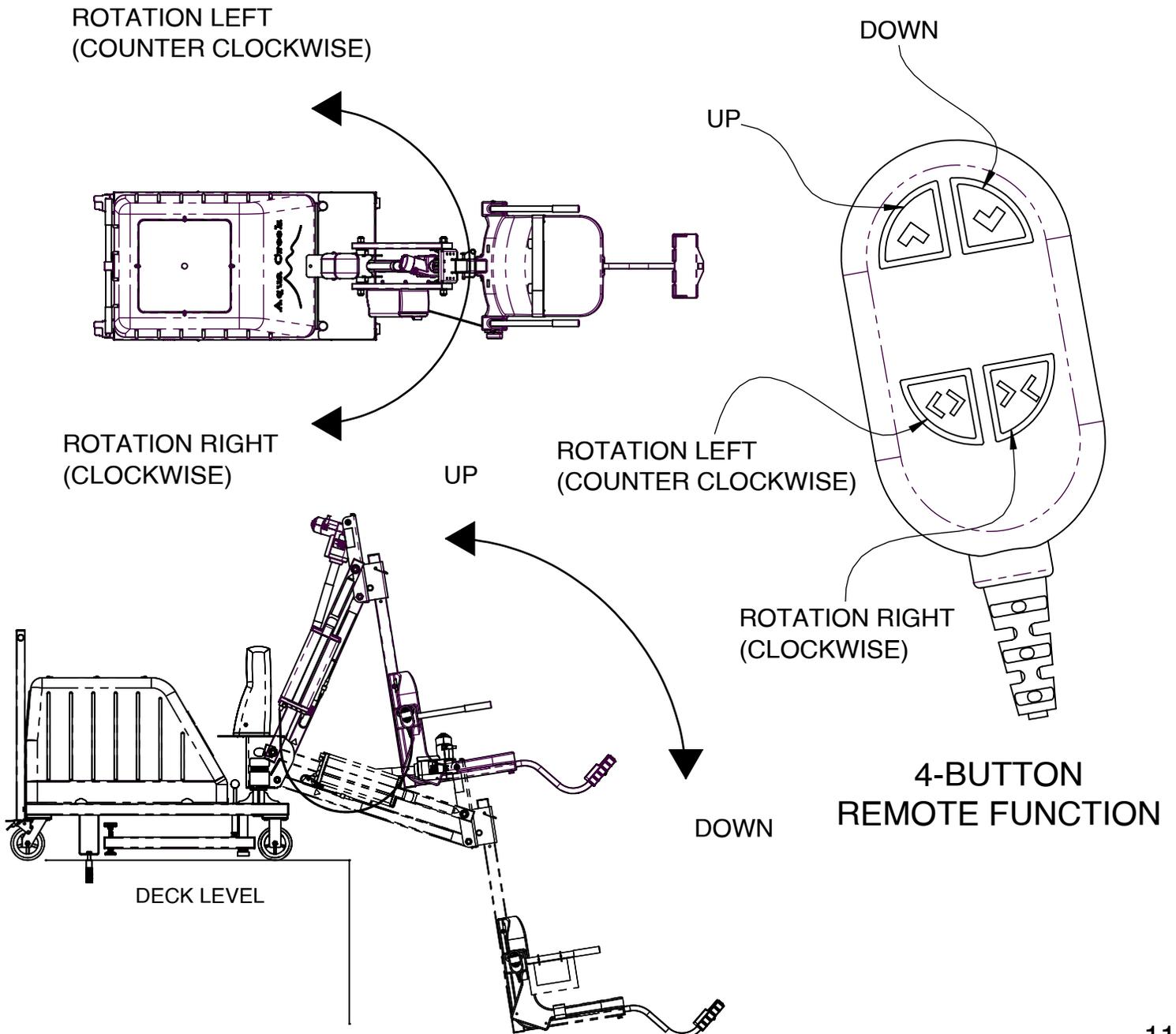
MIGHTY VOYAGER FIXING KIT INSTALLATION INSTRUCTIONS

1. DETERMINE THE LOCATION OF THE ANCHOR INSERT, ALLOWING FOR THE ADA COMPLIANT CLEAR DECK SPACE. (SEE FIGURE 1, PAGE 4)
2. MARK THE LOCATION FOR THE 1-1/4" X 4" DEEP ANCHOR HOLE. USING A CORE-DRILL, DRILL A 1-1/4" DIAMETER, 4" DEEP HOLE AT THE MARKED LOCATION.
3. DRY-FIT THE ANCHOR INSERT TO MAKE SURE IT FITS FLUSH WITH THE DECK SURFACE.
4. FILL THE HOLE 1/2 FULL WITH EPOXY (OR EQUIVALENT). INSTALL THE ANCHOR INSERT FLUSH WITH THE DECK SURFACE AND CLEAN OFF ANY EXCESS. ALLOW 24 HOURS FOR THE EPOXY TO CURE.
5. ROLL THE PORTABLE CART OVER THE INSTALLED ANCHOR. ALIGN THE ANCHOR WITH THE U-BRACKET.
6. DROP THE FIXING BOLT INTO THE U-BRACKET AND, BY HAND, START TO THREAD INTO THE ANCHOR INSERT. IF NEEDED, ADJUST THE ALIGNMENT OF THE LIFT.
7. WHEN PROPERLY ALIGNED, COMPLETE THREADING WITH A 3/4" WRENCH OR SOCKET. TIGHTEN UNTIL THE BOLT JUST TOUCHES THE FLAT WASHER. **DO NOT OVERTIGHTEN.**



OPERATION INSTRUCTIONS

CONGRATULATIONS, YOUR LIFT IS NOW READY FOR USE!



LIFT INSPECTION INFORMATION

Test Date:	
Pool Lift Model:	
Serial Number:	
Inspected By:	

Inspection Notes:

Please read and fill out all information carefully

Improper use and/or maintenance of pool lift can lead to actuator and/or other mechanical failures and possible personal injury. Please read and follow the product operators' manual and the instructions below.

NOTE: Completely cycle the lift without a load before each use to verify the lift is functioning properly.

- Product service life depends on the load characteristics, type and frequency of use, and the environment in which the product is being used. For example, persons not calmly sitting but falling down with their full body weight in the chair, or using the pool lift's chair as a diving platform can casue premature actuator failure and/or possible personal injury.
- Based on historical product service life analysis, Aqua Creek recommends replacing the actuator(s) and other electronic components after 5 years of service. Check component serial numbers and purchase records to verify the age of your components.
- A functional weight lifting force of a maximum of 100lbs. Must be periodically verified by applying a non-live load (without a person) through the entire operating cycle of the lift. This process is performed in order to verify the smooth operation. Make note of any unusual noises or sudden movements coming from the actuator(s) or other components. Note: In some lifts, a sudden quick movement at the beginning of the cycle is normal but should smooth out over the course of operation.
- Creating a side load on the actuator by pushing and/or pulling on the actuator, especially under load conditions, can casue damage to the actuator and or personal injury.
- Electronic components are designed to be plug-and-play type replacements. There is no need to access the internal mechanisms in these components. The actuator, battery, and all electronic components may only be disassembled by authorized factory-trained personnel. Disassembly of electronic components by improperly trained and unauthorized persons will void the warranty on those components.
- The operator of the pool lift should never allow the pool lift to hit any stationary object either vertically or horizontally while operating a pool lift, i.e. walls, ceiling, pool/spa bench, etc.
- For quick and accurate troubleshooting and inspections, we recommend having a voltage meter on had as well as adequate test and replacement components for the unit.
- Remove the pool lift from service immediately if any unusual noise is heard coming from the actuator such as grinding, popping or sudden inconsistent movements.
- Immediately remove from service any lift that does not have 100% compliance with the inspection until the appropriate corrections have been made by a qualified person.

OVERALL VISUAL INSPECTION

Corrosion is common with anything in a swimming pool environment; even stainless steel. Proper and regular maintenance and cleaning will prevent most instances of corrosion. Replace any components that have corrosion caused pitting, cracking, thinning of the base metal, or other instances of corrosion that can't be eliminated and/or minimized through thorough cleaning. refer to product manual for additional maintenance instructions. Make comments and/or recommendations in the notes area below each section.

INSPECTION ITEM	PASS	FAIL	N/A
1. Anchor bolts, concrete around anchors, etc... are in good condition. No cracks in concrete, missing hardware, and anchors are installed correctly.			
2. The fixing anchor is installed correctly and is in good condition.			
3. Powder coated components are clean, corrosion free, and in good overall condition. Clean and repair any missing powder coat finish. Apply a coat of wax on the cleaned and repaired finish.			
4. Welded joints show no signs of cracks or fatigue. Replace any non-compliant components.			
5. Hardware is present, secure, and not corroded (bolts, nuts, bushings, etc...).			
6. All wiring routing clips are present and in good condition.			
7. All product warning labels are present and legible.			
8. Plastic seat, foot rest, and other plastic components are present and in good shape.			
9. Armrest hand grips are present, in good condition, and are well secured to the arms.			
10. Electronic and lift covers are present and in good condition (Lift covers are highly recommended for outdoor installations).			
11. Inspect rotation gears for any damage or missing teeth. Inspect rotation motor gear and alignment to ensure proper rotation of the lift.			
12. Inspect lift slings, seat belts, and other similar stitched and webbed or weaved materials for damage, fatigue, and/or deterioration. Replace at first sign of any fatigue or damage.			



PHYSICAL POOL LIFT TEST

A physical test of the lift function is required when doing an annual inspection. NOTE: The lift should always be run through a completed cycle without a load prior to each use. The annual test should be ran both empty and with a typical load weight to test the lifts functions. Make comments and/or recommendations in the notes area below each section.

INSPECTION ITEM	PASS	FAIL	N/A
1. With all connections connected, operate the lift through a complete cycle without weight to confirm the lift is functioning correctly. Note any strange noises and any unusual operation.			
2. Verify the lift was installed correctly; is the lift free to travel in and out of the pool without hitting anything like a wall, rail, bench, etc...			
3. Rotate lift at least 90 degrees over the water and back again if applicable.			

ELECTRONICS INSPECTION

Most electronic issues are due to pool electrical connections and/or a defective battery. Always remove the battery and place on the charger when the lift is not in use. NOTE: Even if your lift is equipped with a solar charger, it is a good idea to place the battery on the wall charger periodically or during extended periods of non-use or storage. Before testing the battery, charge overnight. A voltage meter is required for this section and a known GOOD handset controller is helpful. An Aqua Creek electronics test light is also highly recommended (order item F-01TL). Make comments and/or recommendations in the notes area below each section.

INSPECTION ITEM	PASS	FAIL	N/A
1. Battery contact points are free of damage and/or corrosion. Dielectric grease is present on all contact points to prevent corrosion. ALWAYS STORE BATTERY ON THE CHARGER WHEN LIFT IS NOT IN USE!			
2. Battery level indicator (if equipped) on control box is functioning properly when battery is installed on lift.			
3. Using the voltage meter check the voltage on the battery. A good battery should read between 24v and 28v DC. Note: Vito batteries will require a test cord. (F-VTC002)			
4. Using the test light, confirm continuity through the control box by plugging the light into the control box in place of the actuator and press the buttons on the controller and the control box itself (if applicable). If the light does not light up with the handset, replace handset with a known good one and try to see if it lights up.			
5. Once the battery is fully charged up to 24 to 28 volts, cycle the lift (up, down, rotate) counting the cycles. If the battery is in good condition, the lift should easily complete at least 15 cycles without a load.			

MAINTENANCE INSTRUCTIONS

PROCEDURE	BEFORE EACH USE	DAILY	WEEKLY	MONTHLY
Check battery level indicator on control box.	✔			
Run the lift through a complete test cycle (fully extend actuator) to verify it is functioning properly.	✔			
Wash lift with fresh water and dry with clean, soft, non-abrasive cloth.		✔		
Recharge battery.		✔		
Visually inspect lift for damage, corrosion, and loose or missing hardware.		✔		
Check all contact points for damage and/or corrosion.			✔	
Repair, clean and apply dielectric grease to all contact points.			✔	
Thoroughly clean lift frame and apply a liberal coat of car wax to maintain the lift's finish.				✔
Check all Warning and Cautionary labels to make sure they are not faded or worn. Replace as needed.				✔

PROPER CARE NOTES:

- Use only fresh water to wash your lift. Do not wash with pool water.
- Use only clean, soft, non-abrasive cloths on your lift.
- Do not store lift in pump room or near chemicals.
- Do not allow children to play on or around this lift.
- When cleaning the lift, do not spray water directly on control box or battery.
- The lift may need to be bonded according to local code requirements.
- If the lift is not used for extended periods, remove the battery from the lift and store it on the wall charger to maintain the batteries charge. The charger should be plugged in and in a climate controlled area.

STAIN REMOVAL NOTES:

To remove stubborn stains from finish, spray affected area with mild dish soap, rub briskly with a 3M Scotch Brite™ pad. Use white epoxy paint to touch up the finish. Apply wax to protect when dry.

REPLACEMENT PART ORDER FORM

MIGHTY VOYAGER - INV02592					
ITEM	PART NO.	QTY.	REV.	DESCRIPTION	REORDER
1	INV03147	1	2	ASSEMBLY - VOYAGER CART	
2	INV02759	1	1	ASSEMBLY - MAIN FRAME	
3	INV02755	1	2	ASSEMBLY - MOTOR MOUNT	
5	INV01747	1	P1	COVER - MOTOR - BLUE	
8	INV02763	1	1	ASSEMBLY - VGR CONTROL ARM	
9	INV02762	1	1	ASSEMBLY - VGR CONTROL ARM (B)	
10	INV02760	1	P1	ASSEMBLY - TOP CASING	
11	INV02761	1	1	ASSEMBLY - VGR LIFTING ARM - 37.75"	
12	INV03073	1	1	ACTUATOR - LINAK - 400MM - 90DEG	
13	INV02766	1	2	ASSEMBLY - SEAT CRADLE	
14	INV01417	1	P1	ASSEMBLY - SEAT 18.00" - BLUE	
15	INV01903	1	1	ACCESSORY - FOOTREST - BLUE	
16	INV00612	1	P1	BRACKET - VITO MOUNT	
17	INV01151	1	P1	CONTROL BOX - VITO 2 PORT - 10AMP	
18	INV00588	1	P1	COVER - UNIVERSAL BATTERY - BLUE	
19	INV01845	1	P1	REMOTE - 4 BUTTON LINAK	
21	INV00646	1	P1	LABEL #133 - PROP 65 (BATTERY)	
22	INV02597	1	P1	LABEL SHEET - MIGHTY VOYAGER	
23	INV03287	1	1	STOCK BOX - VITO	

BASIC TROUBLESHOOTING

1. Make note of the complaint, such as lift is not operating at all, lift won't return to deck, etc...
2. Make note of any noises the lift may be making, such as grinding, clicking, buzzing, beeping. Identify where the noises are coming from (the actuator, battery control box, etc...).
3. If a 'beeping' noise is coming from the battery, it is likely the battery is dead or not charged enough to operate the lift. It is designed to have an audible alarm when the battery is low. Check the battery Voltage and either charge the battery or replace it with a new one.

How to check battery Voltage:

- A. Lay the battery on a flat, dry surface.
 - B. Make sure your Volt meter is on and adjusted to DC mode.
 - C. Put one probe on the left battery terminal and one on the right battery terminal.
 - D. The Volt meter will read 24 Volts or higher for a good battery. A negative Voltage indicates reversed probe polarity.
 - E. Sometimes it will have sufficient voltage but insufficient amperage. If so, the battery can be taken into a battery store to have an 8amp load test done to check for proper amperage.
4. If the battery just came off the charger and is fully charged, check to make sure the charger is plugged in and charging properly.

This can also be done with a Volt meter:

- A. Verify the charger is plugged into a working wall outlet.
 - B. Place one probe from your Volt meter on the left metal prong on the charger and the other probe on the right metal prong of the charger. Voltage should be reading at least 27 volts DC. A negative Voltage indicates reversed probe polarity.
5. Verify the cords are properly seated in the control box ports and are not damaged or corroded. We suggest unplugging and then plug back in making sure they are seated properly. Clean any corrosion off of the battery terminals and plugs if there is any.
 6. If there are black or grey pieces surrounding the metal tabs on the control box, remove them.

ONCE THESE STEPS ARE COMPLETE CALL AQUA CREEK PRODUCTS AND TALK TO TECHNICAL SUPPORT FOR FURTHER ASSISTANCE OR GO ONLINE AND WATCH OUR TROUBLESHOOTING VIDEOS:

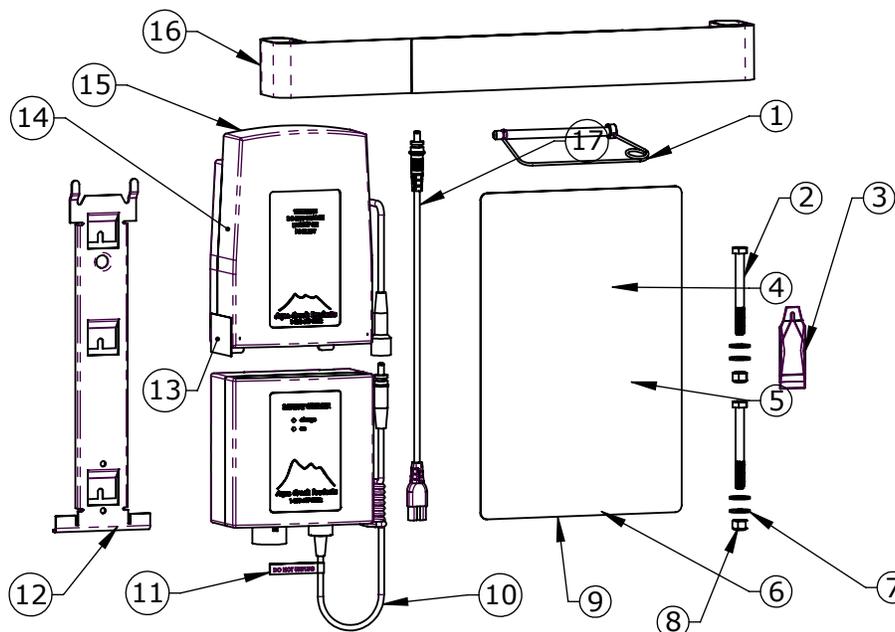
(888)687-3552

[HTTPS://AQUACREEKPRODUCTS.COM/HELP-CENTER/TROUBLESHOOTING/](https://aquacreekproducts.com/help-center/troubleshooting/)



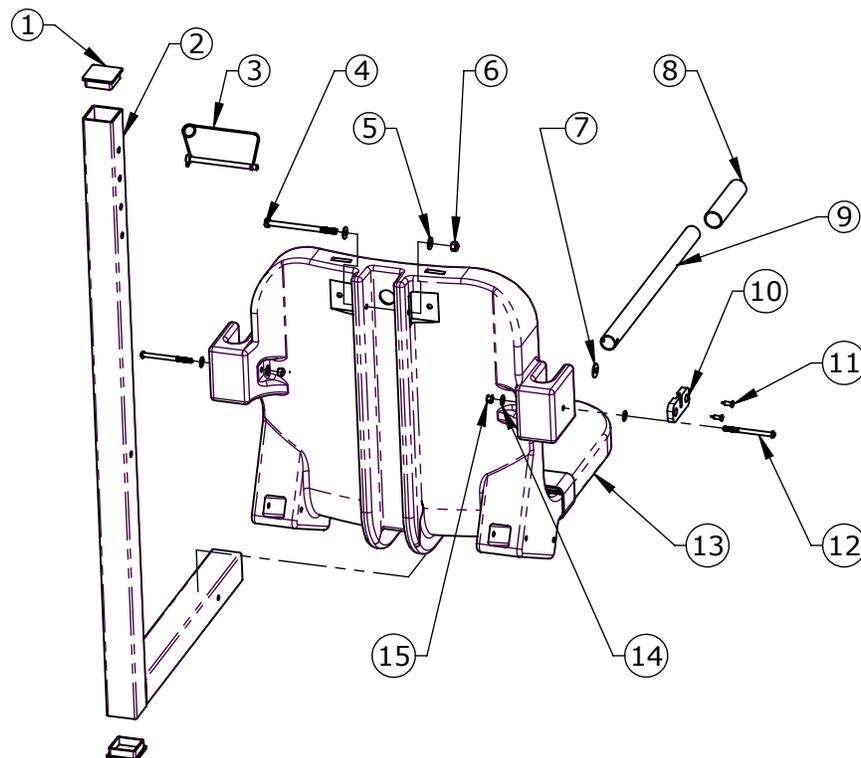
COMPONENT REVIEW

STOCK BOX - VITO - INV03287				
ITEM	PART NO.	QTY.	REV.	DESCRIPTION
1	INV01069	1	P1	SP - 5/16"X4" SNAP PIN
2	INV00418	2	P1	BOLT - HEX 5/16"-18X3"
3	INV00249	1	N/A	DIELECTRIC GREASE PACKET - 6 GRAMS
4	INV00391	1	P1	BH - 1/2"-13X2 1/2" HEX HEAD BOLT
5	INV01169	1	P1	WF - 1/2" FLAT WASHER
6	INV01583	1	P1	MACHINED - ANCHOR INSERT - 1.00"X4.00"
7	INV01176	4	P1	WF - 5/16" FLAT WASHER
8	INV00742	2	P1	NN - 5/16"-18 NYLOCK NUT
9	INV00578	1	P1	SIGN - "ADA LIFT AVAILABLE" (AQUA CREEK)
10	INV01152	1	P1	CHARGER - VITO 24V
11	INV01699	1	P1	LABEL #145 - DO NOT UNPLUG
12	INV00611	1	P1	BRACKET - WALL MOUT (VITO)
13	INV01804	1	P1	LABEL #146 - DAILY CHARGE
14	INV00646	1	P1	LABEL #133 - PROP 65 (BATTERY)
15	INV01153	1	P1	BATTERY - VITO 24V - 2PC CONTROLS
16	INV00534	1	P1	CHAIR - SEAT BELT
17	INV00591	1	P1	TEST CABLE - VITO 24V

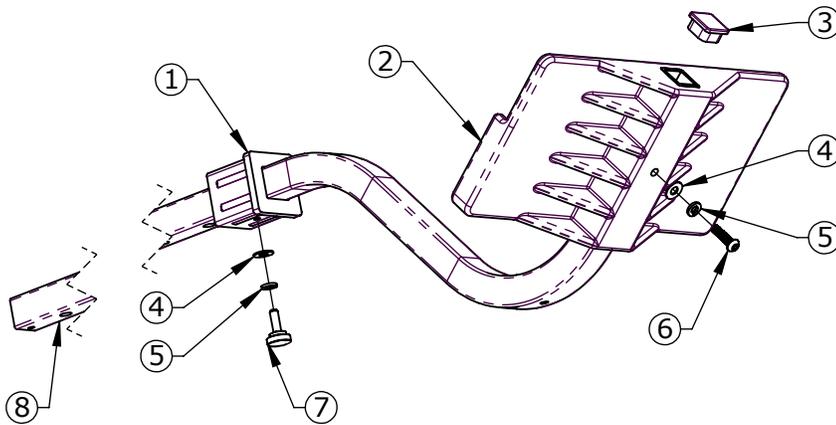


COMPONENT REVIEW

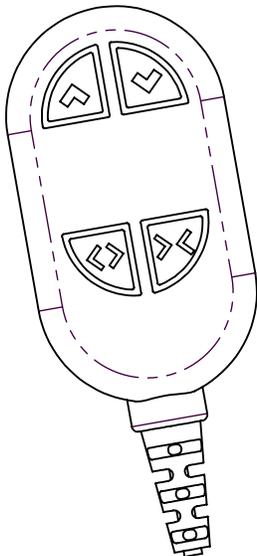
ASSEMBLY - SEAT CRADLE - INV02766 - SEAT - INV01417				
ITEM	PART NO.	QTY.	REV.	DESCRIPTION
1	INV01082	2	P1	END CAP - SQR. 2.00"X.120"
2	INV02591	1	P1	WELDMENT - SEAT CRADLE
3	INV01069	1	P1	SP - 5/16"X4" SNAP PIN
4	INV00421	1	P1	BH - 5/16"-18X4 1/2" HEX HEAD BOLT
5	INV01176	2	P1	WF - 5/16" FLAT WASHER
6	INV00742	1	P1	NN - 5/16"-18 NYLOCK NUT
7	INV03136	2	P1	WF - 5/16" NYLON
8	INV01031	2	P1	HAND GRIP - RUBBER 1.00" DIA.
9	INV02227	2	1	MAKE - ARMREST TUBE
10	INV00783	1	P1	PURCHASE - REMOTE HOLDER
11	INV01057	2	P1	SFH - #12X3/4" PHILLIPS HEAD SCREW
12	INV00349	2	P1	BB - 1/4"-20X3 1/4" BUTTON HEAD BOLT
13	INV00819	1	P1	ROTMOLD - SEAT 18.00" - BLUE
14	INV01170	4	P1	WF - 1/4" FLAT WASHER
15	INV00735	2	P1	NN - 1/4"-20 NYLOCK NUT



COMPONENT REVIEW



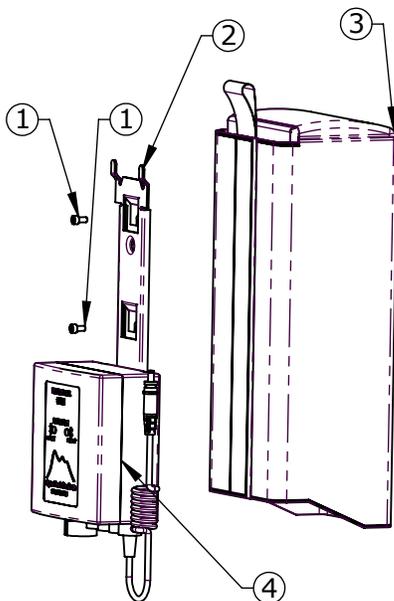
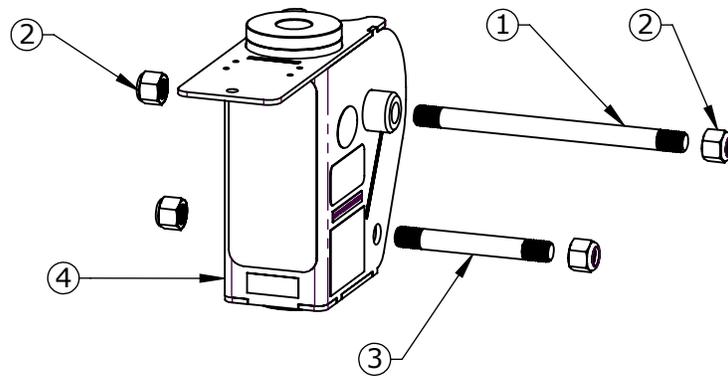
ACCESORY - FOOTREST - BLUE - INV01903				
ITEM	PART NO.	QTY.	REV.	DESCRIPTION
1	INV01578	1	P1	PART - LEG/FOOTREST INSERT
2	INV01894	1	P1	PART - LEG/FOOTREST - BLUE
3	INV01078	1	P1	END CAP - SQR. 1.00"X.120"
4	INV01170	2	P1	WF - 1/4" FLAT WASHER
5	INV01182	2	P1	WL - 1/4" LOCK WASHER
6	INV00341	1	P1	BOLT - BHSCS 1/4"-20X1"
7	INV02364	1	P1	KNOB - 3/4" KNURLED - 1/4-20 X 3/4"
8	INV02465	1	P1	LASER/WJ - FOOTREST W/HOLES



REMOTE - 4 BUTTON LINAK - INV01845				
ITEM	PART NO.	QTY.	REV.	DESCRIPTION
1	INV01845	1	P1	REMOTE - 4 BUTTON LINAK

COMPONENT REVIEW

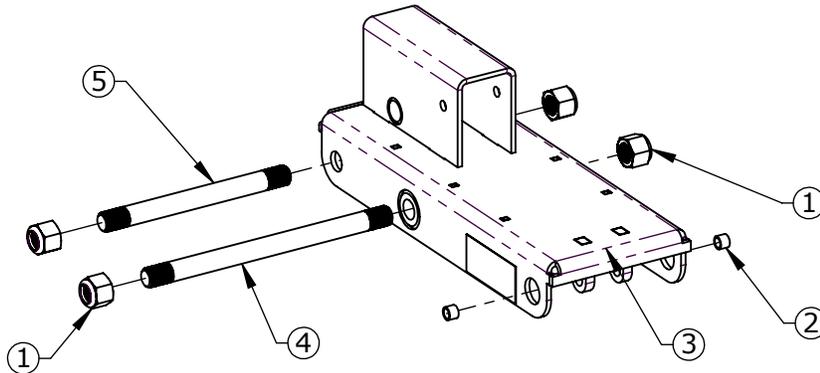
ASSEMBLY - MAIN FRAME - INV02759				
ITEM	PART NO.	QTY.	REV.	DESCRIPTION
1	INV01823	1	P1	MACHINED - TS - 3/4"-10X10.50" THREADED STUD
2	INV00738	4	P1	NN - 3/4"-10 NYLOCK NUT
3	INV01821	1	P1	MACHINED - TS - 3/4"-10X6.00" THREADED STUD
4	INV02825	1	P1	WELDMENT - MAIN FRAME



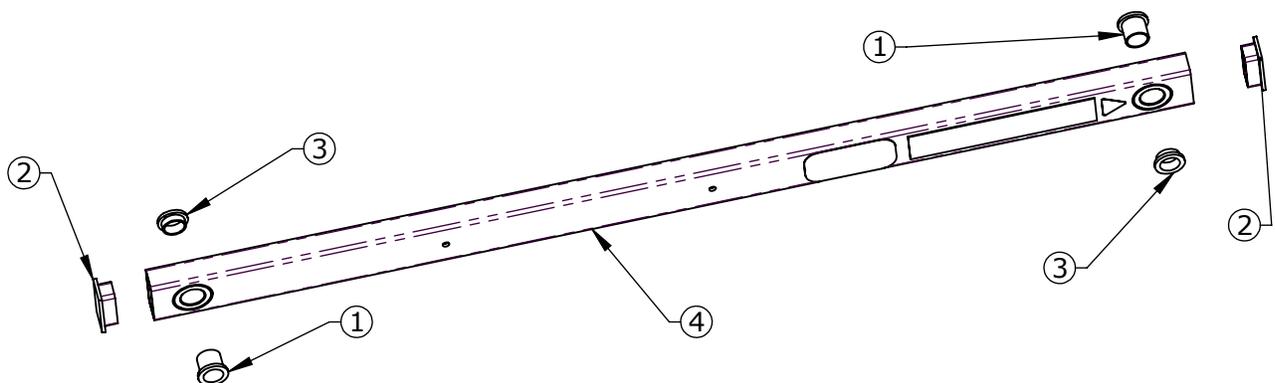
ASSEMBLY - CONTROL BOX - (VITO) - INV01151				
ITEM	PART NO.	QTY.	REV.	DESCRIPTION
1	INV00471	2	P1	BSH - #10-24X3/8" SOCKET HEAD BOLT
2	INV00612	1	P1	BRACKET - VITO MOUNT
3	INV00588	1	P1	COVER - UNIVERSAL BATTERY - BLUE
4	INV01151	1	P1	CONTROL BOX - VITO 2 PORT - 10AMP

COMPONENT REVIEW

ASSEMBLY - TOP CASING - INV2760				
ITEM	PART NO.	QTY.	REV.	DESCRIPTION
1	INV00738	4	P1	NN - 3/4"-10 NYLOCK NUT
2	INV00448	2	P1	BRB - 1/2"X3/8"X3/8" BRONZE BUSHING
3	INV02589	1	P1	WELDMENT - TOP CASING
4	INV01823	1	P1	MACHINED - TS - 3/4"-10X10.50" THREADED STUD
5	INV01822	1	P1	MACHINED - TS - 3/4"-10X8.00" THREADED STUD

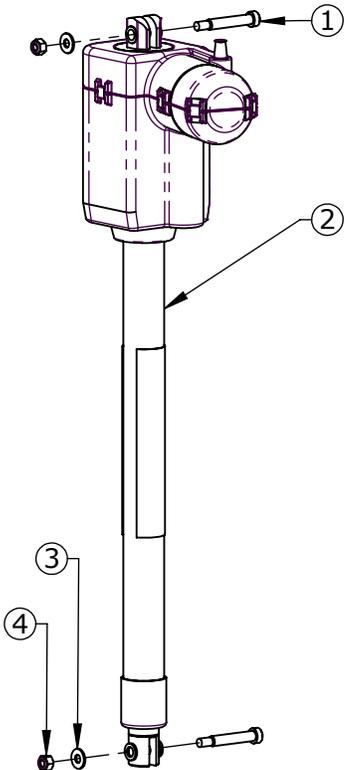
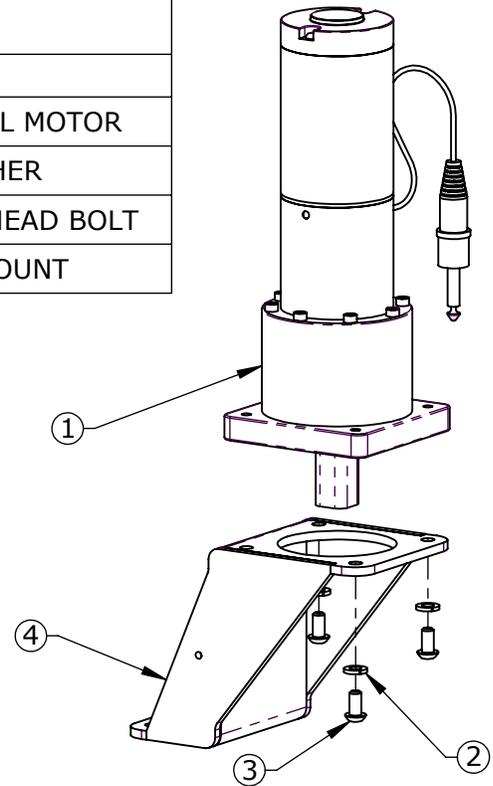


ASSEMBLY - CONTROL ARM INV02762 & INV02763				
ITEM	PART NO.	QTY.	REV.	DESCRIPTION
1	INV00446	2	P1	BRB - 3/4"X7/8"X3/4"X1/8" BRONZE BUSHING
2	INV00978	2	P1	END CAP - RECT. 1.00"X2.00"X.120"
3	INV00445	2	P1	BRB - 3/4"X7/8"X1/4"X1/8" BRONZE BUSHING
4	INV02581	1	1	WELDMENT - VGR CONTROL ARM



COMPONENT REVIEW

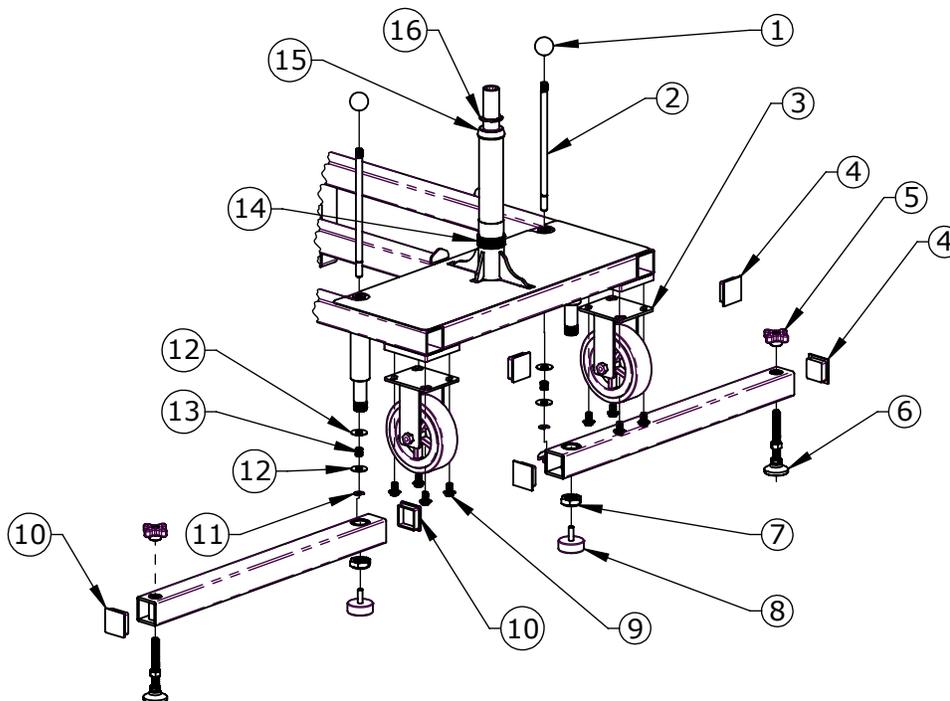
ASSEMBLY - MOTOR MOUNT - INV02755				
ITEM	PART NO.	QTY.	REV.	DESCRIPTION
1	INV03462	1	1	SQUARE DRIVE ROTATIONAL MOTOR
2	INV01182	4	P1	WL - 1/4" LOCK WASHER
3	INV00345	4	P1	BB - 1/4"-20X1/2" BUTTON HEAD BOLT
4	INV02083	1	P1	WELDMENT - MOTOR MOUNT



ACTUATOR - LINAK - 400mm - 90DEG - INV03073				
ITEM	PART NO.	QTY.	REV.	DESCRIPTION
1	INV00464	2	P1	BS - 3/8"X2"X5/16"-18 SHOULDER BOLT
2	INV01678	1	-	ACTUATOR - LINAK 400MM (PUSH) 10K
3	INV01176	2	P1	WF - 5/16" FLAT WASHER
4	INV00742	2	P1	NN - 5/16"-18 NYLOCK NUT

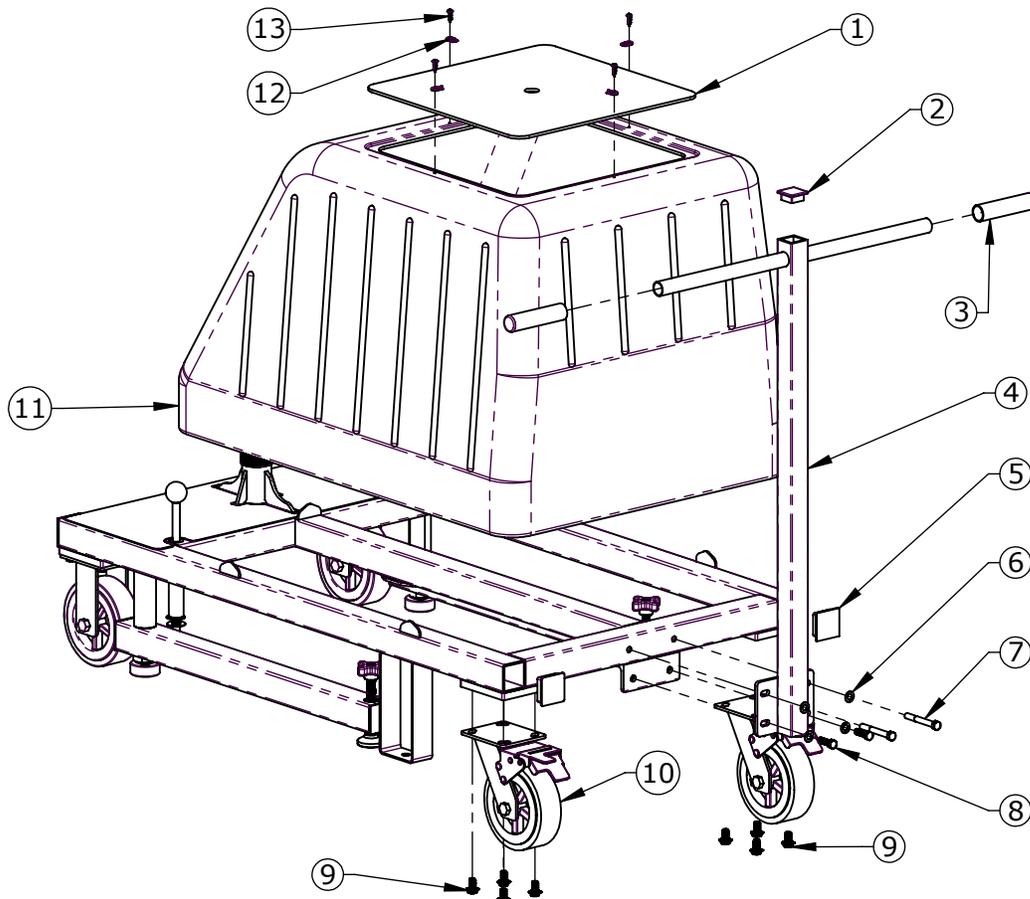
COMPONENT REVIEW

ASSEMBLY -VOYAGER CART (FRONT) - INV03147				
ITEM	PART NO.	QTY.	REV.	DESCRIPTION
1	INV02563	2	P1	BALL KNOB - 1 7/16" DIA. 1/2"-13 THREAD
2	INV02584	2	P1	MACHINED - OUTRIGGER LOCK
3	INV02540	2	P1	CASTER - FIXED 6"
4	INV02559	4	P1	END CAP - SQR. 2.00"X.188"
5	INV00846	2	P1	KNOB - 4 POINT 1/2"-13
6	INV02560	2	P1	LF - LEVELING FOOT - 1/2"-13X4" - 5 1/4" OVERALL
7	INV00746	2	P1	NNJ - 1"-8 NYLOCK JAM NUT
8	INV02564	2	P1	BUMPER - 3/8"-16 (PAIR)
9	INV02558	16	P1	BOLT - BHW 3/8"-16X3/4" SERRATED
10	INV01082	4	P1	END CAP - SQR. 2.00"X.120"
11	INV02561	2	P1	RETAINING RING - 1/2" OD EXTERNAL
12	INV01169	4	P1	WF - 1/2" FLAT WASHER
13	INV02562	2	P1	SPRING - 1/2" L X 0.60" OD X 0.51" ID X 0.22"
14	INV00617	1	P1	NEEDLE BEARING - K50MMX55MMX20MM
15	INV00378	1	P1	ROLLER BEARING - 1.25" I.D. X 2.33" O.D. X 5/8"
16	INV01835	1	P1	RETAINING RING - 1-1/4" OD EXTERNAL



COMPONENT REVIEW

ASSEMBLY -VOYAGER CART (BACK) - INV03147				
ITEM	PART NO.	QTY.	REV.	DESCRIPTION
1	INV02486	1	P1	VOYAGER CAP
2	INV01080	1	P1	END CAP - SQR. 1.50"X.120"
3	INV01031	2	P1	HAND GRIP - RUBBER 1.00" DIA.
4	INV03176	1	P1	ASSEMBLY PUSH BAR
5	INV02559	4	P1	END CAP - SQR. 2.00"X.188"
6	INV01174	8	N/A	WF - 3/8" FLAT WASHER
7	INV00410	2	P1	BH - 3/8"-16X3" HEX HEAD BOLT
8	INV00405	2	P1	BH - 3/8"-16X1 1/4" HEX HEAD BOLT
9	INV02558	16	P1	BOLT - BHW 3/8"-16X3/4" SERRATED
10	INV02541	2	P1	CASTER - SWIVEL 6"
11	INV02556	1	1	ROTOMOLD - VOYAGER TANK - BLUE
12	INV02988	4	P1	TURN BUTTON - 5/16"
13	INV01071	4	P1	SPH - #10X3/4" PHILLIPS HEAD SCREW





LIMITED FIVE (5) YEAR WARRANTY

Aqua Creek Products, LLC (a.k.a. Aqua Creek) warrants to the original end user purchaser that products 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 exception(s):

Exceptions:

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)

Hydraulic actuators and mesh slings shall have a warranty period of *one (1) year from the date of original purchase*.

Powder coat finish scratches, scrapes, corrosion, or dents from customers normal use, negligence, or abuse.

This warranty specifically excludes reimbursement for labor to remove, repair, or install the product and any shipping charges. These warranties do not cover any damages due to accident, force majeure, act of nature, 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 FOR THE LIFT. NEVER OPERATE THE LIFT UNDER LOAD IN A DRY POOL (WITH NO WATER IN THE POOL).** It is the responsibility of the lift owner to verify the weight of the patron for warranty claim purposes and to ensure that the lift is not overloaded. Non-payment for product to Aqua Creek may void warranty.

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 by customer, 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 customer. All freight charges are the responsibility of the customer. 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.

BASIC TROUBLESHOOTING

1. Make note of the complaint, such as lift is not operating at all, lift won't return to deck, etc...
2. Make note of any noises the lift may be making, such as grinding, clicking, buzzing, beeping. Identify where the noises are coming from (the actuator, battery control box, etc...).
3. If a 'beeping' noise is coming from the battery, it is likely the battery is dead or not charged enough to operate the lift. It is designed to have an audible alarm when the battery is low. Check the battery Voltage and either charge the battery or replace it with a new one.

How to check battery Voltage:

- A. Lay the battery on a flat, dry surface.
 - B. Make sure your Volt meter is on and adjusted to DC mode.
 - C. Put one probe on the left battery terminal and one on the right battery terminal.
 - D. The Volt meter will read 24 Volts or higher for a good battery. A negative Voltage indicates reversed probe polarity.
 - E. Sometimes it will have sufficient voltage but insufficient amperage. If so, the battery can be taken into a battery store to have an 8amp load test done to check for proper amperage.
4. If the battery just came off the charger and is fully charged, check to make sure the charger is plugged in and charging properly.

This can also be done with a Volt meter:

- A. Verify the charger is plugged into a working wall outlet.
 - B. Place one probe from your Volt meter on the left metal prong on the charger and the other probe on the right metal prong of the charger. Voltage should be reading at least 27 volts DC. A negative Voltage indicates reversed probe polarity.
5. Verify the cords are properly seated in the control box ports and are not damaged or corroded. We suggest unplugging and then plug back in making sure they are seated properly. Clean any corrosion off of the battery terminals and plugs if there is any.
 6. If there are black or grey pieces surrounding the metal tabs on the control box, remove them.

ONCE THESE STEPS ARE COMPLETE CALL AQUA CREEK PRODUCTS AND TALK TO TECHNICAL SUPPORT FOR FURTHER ASSISTANCE OR GO ONLINE AND WATCH OUR TROUBLESHOOTING VIDEOS:

(888)687-3552

[HTTPS://AQUACREEKPRODUCTS.COM/HELP-CENTER/TROUBLESHOOTING/](https://aquacreekproducts.com/help-center/troubleshooting/)

