

LIFT / INSPECTION INFORMATION

Test Date:	For Additional Support Assistance Call:
Pool Lift Model Here:	Toll Free: 888-687-3552
Serial Number:	International: 1+ 406-549-0769
Inspected by:	

Find additional troubleshooting info and videos at: <https://aquacreekproducts.com/help-center/trouble-shooting/>

Maintenance Notes:

Please read and fill out all information carefully

Improper use and/or maintenance of a 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 cause 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 must be verified quarterly at minimum 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 smooth operation of the actuator/lift mechanism. Make note of any unusual noises or movements coming from the actuator(s) or other components. **(NOTE: A five (5) gallon bucket of water can provide an adequate test weight).**
- Creating a side load on the actuator by pushing and/or pulling on the actuator, especially under load conditions, can cause 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, Vito Battery Check Cable (Item F-VTC002) and an Aqua Creek Test Light (Item F-01TL) on hand 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.

1. 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 a 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
a. Anchor bolts, concrete around anchors, etc... are in good condition. No cracks in concrete, missing hardware, and anchors are installed correctly.			
b. The fixing anchor is installed correctly and is in good condition.			
c. 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.			
d. Welded Joints show no signs of cracks or fatigue. Replace any non-compliant components			
e. Hardware is present, secure, and not corroded (bolts, nuts, bushings, etc...).			
f. All wiring routing clips are present and in good condition.			
g. All product warning labels are present and legible.			
h. Plastic seat, foot rest, and other plastic components are present and in good shape.			
i. Arm rest hand grips are present, in good condition, and are well secured to the arms.			
j. Electronic and Lift covers are present and in good condition (Lift covers are highly recommended for outdoor installations).			
k. Inspect rotation gears for any damage or missing teeth. Inspect rotation motor gear and alignment to ensure proper rotation of the lift.			
l. 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.			

NOTES/RECOMMENDATIONS:

2. Electronics Inspection

Most electronic issues are due to poor 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 at minimum once per week 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
a. 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!			
b. Battery level indicator (if equipped) on control box is functioning properly when battery is installed on lift.			
c. 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)			
d. 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 light does not light up with handset, replace handset with a known good one and try to see if it lights up.			
e. 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.			

NOTES/RECOMMENDATIONS:

3. 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 complete 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.

<i>Inspection Item</i>	Pass	Fail	N/A
a. With all connections connected, operate the lift though a complete cycle without weight to confirm the lift is functioning correctly. Note any strange noises and any unusual operation.			
b. 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..			
c. Rotate lift at least 90 degrees over the water and back again if applicable			

NOTES/RECOMMENDATIONS