

OPERATION AND MAINTENANCE INSTRUCTIONS



The lift motor switches function in three positions: levers up to raise the lift, levers down to lower the lift and levers in the middle to stop the lift.

When changing direction of the lift motor switches, always return the switch to the off (level) position until the motor has stopped moving. FAILURE TO DO SO COULD RESULT IN THE MOTOR TRAVELING IN THE SAME DIRECTION AND FOULING/BREAKING THE CABLES.

Lowering the boat

- While standing on the dock, turn the lift motors on (levers to down position), and lower the cradle to a position where the cradle and boat have made contact with the water.
- **Turn the lift off – (to off position)**
- **At this position your boat should NOT be floating, but is being held along the dock and resting solidly in the cradle.**
- **Prepare the boat for departing (cover removal, lowering the out drive/motor, boarding and seating of guests)**

Departing

- When completely ready to depart, the operator can again turn the lift motors on (levers to down position) while in the boat, allowing the cradle to lower until the boat floats freely.
- **Turn the lift motors off (to off position)**
- **The boat and lift are now in a position where the boat can be manually pushed off of the lift.**

AVOID ALLOWING THE LIFT TO COME IN CONTACT WITH THE BOTTOMS AS THIS WILL FOUL THE LIFTING CABLES

Returning

- (Reverse the procedure for departing)
- **Drive slowly to the dock and maneuver the boat to a position above the lifting cradle – MAKE SURE THE BOAT IS POSITIONED PROPERLY BOTH FORE AND AFT AND SIDE-TO-SIDE.**
- **Turn the lift motors on (levers to up position) allowing the lifting cradle to come in contact with the bottom and stabilize the boat.**
- **Turn the lift motors off (levers to off position)**
- **Prepare the boat for storage (allow passengers to disembark, remove gear from the boat, etc.)**
- **The lift operator should also exit the boat at this point.**

Storing

- When the boat is completely ready for storing, first make sure the boat is positioned properly on the lift.
- **(From the dock) Turn the lift motors on (levers to up position) and raise the boat to the proper storage position**
- **Turn the lift motors off (levers to off position)**
- **Turn the electrical power to the lift off**

REMEMBER, disconnecting the power prevents accidental and unauthorized use of your boatlift.

Operation with a remote control

With a remote, your lift can be operated in one of two ways. The primary way is by using the handset/transmitter. The handset has two buttons – UP and DOWN. You must press and hold these buttons to operate the lift. Releasing the button will stop the lift.

The secondary way of operating the lift is using switches located inside of the remote cover. There are three switches: ON/OFF which controls incoming power to the lift, UP/DOWN which controls direction of the lift, and LEVEL which turns off power to the stern motor. ALWAYS remember to level your boat before using the lift to raise or lower the boat.

ALWAYS allow a few seconds between changing directions for the reason described in “Lift Operation” above.

MAINTENANCE OF YOUR BOAT LIFT

Motor Cover Removal

To service your lift you will need to remove the cover.

IT IS RECOMMENDED THAT YOU DISCONNECT THE POWER TO THE LIFT BEFORE REMOVING THE COVER OR SERVICING YOUR LIFT. NEVER OPERATE THE LIFT WITH THE COVERS REMOVED.

Greasing

Refer to the decal on the gear plate assembly for the lubrication points on your lift. These points should be greased with heavy-duty grease at least three times a year.

You can grease them more frequently if the lift is used regularly (grease after every 15-20 uses)

On new installations, we recommend greasing the unit after the first 5-10 uses.

Drive Belt

The drive belt between the motor and the gear plate may become loose over time due to normal wear. It can be retightened by: loosening the motor bolt, pushing the motor in the opposite direction of the gear plate pulley, thus tightening the belt, and then retightening the motor bolts.

Rinsing

Whenever possible, raise your lift out of the water. Leaving the lift submerged for prolonged periods of time accelerates deterioration caused by salt-corrosion and electrolysis.

Rinsing your lift regularly with fresh water will keep the lift looking new for years, and keep the lift functioning like new also.

LUBRICATION AND PREVENTATIVE

MAINTENANCE SCHEDULE



1. **Approximately every six months, the bearings and pulleys should be greased with marine grade grease.**
2. **Visually inspect the lifting cables regularly for any broken strands (cable fray). If cable fray is noticed, notify your dealer. Spray cables with lubricant periodically.**
3. **Visually inspect bearings and motor for any damage or part wear.**
4. **Visually inspect all working parts for signs of excessive wear.**
5. **Spray all motor parts with a corrosion preventative lubricant at least twice a year.**

Adjustments by personnel other than an authorized dealer will void the warranty and may result in serious damage and/or personal injury.

OPERATION AND MAINTENANCE TIP

To keep your Boat Lift, U.S. lift operating at peak performance, minimizing service calls, we Recommend that you operate your lift occasionally during the off-season or extended periods of no boating activity.

Simply run the lift for approximately one minute in each direction. This will keep the motor contacts and brushes clean and all pulleys and bearings evenly lubricated.