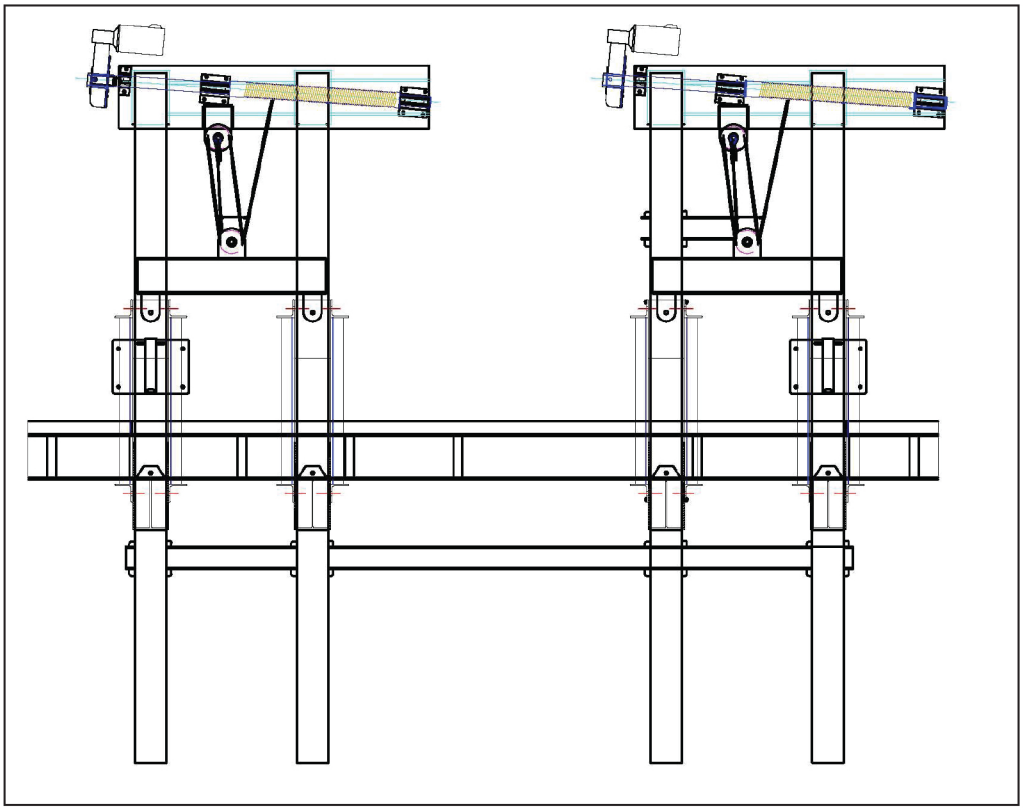
24,000K-30,000K
ELEVATOR LIFT
INSTALLATION INSTRUCTIONS

MODEL NUMBER

E24000 - E30000



ADDITIONAL INFORMATION MAY BE OBTAINED ONLINE AT :
www.goldenboatlifts.com

FOR QUESTIONS ABOUT FEATURES, PARTS, AND ACCESSORIES PLEASE CALL YOUR LOCAL DEALER

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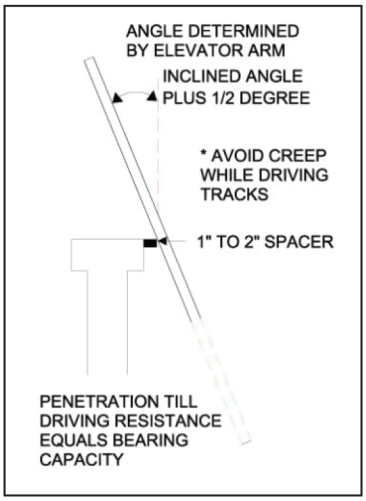
SETTING THE TRACKS

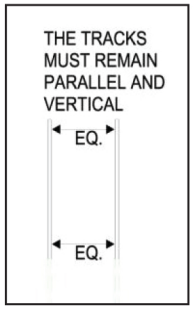
Keep These Things in Mind:

* The tracks must be installed parallel to each other.
* The tracks must be installed at the proper angle.



STEP 1:

* Position the track at the desired location on the seawall against the spacer and at the desired angle (not less but up to 1/2 degrees more).
* Use a digital protractor to set the angle. Confirm angle and check vertical alignment during the driving process.



STEP 2:

SOIL CONDITIONS AND LOCAL FACTORS MAY INFLUENCE SETTING METHODS

* Check for level and mark the seawall for proper track location.
* Using a track driver, other impact device, or jet pump, drive the track to the required bearing capacity (10 drives yields less than 1/4" penetration).
* Continue to check vertical position and incline angle during the driving process.
* Repeat the process for the other tracks. Be sure the tracks remain parallel and at the correct incline angle.

NOTE: A modern smart phone can be used as a digital protractor with a downloaded app. Search protractor in your app store or internet. Download for free.

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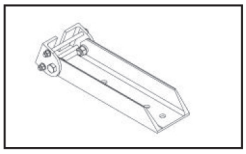
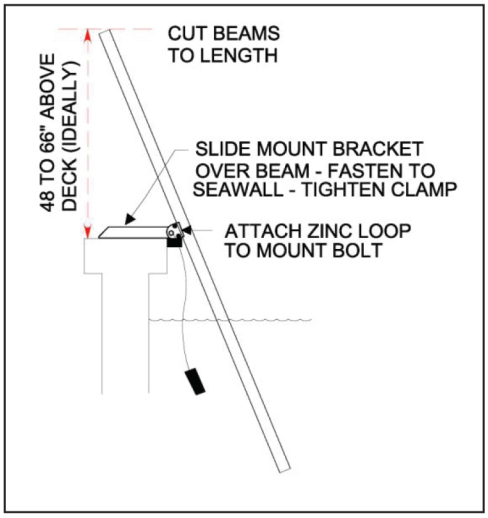
MOUNTING THE TRACKS

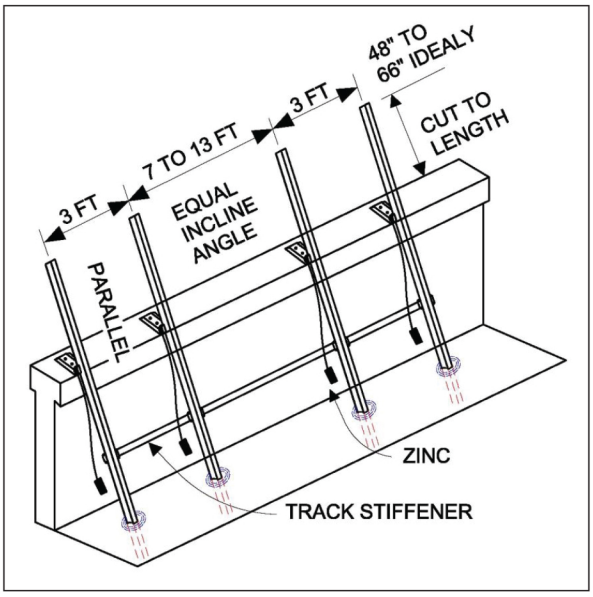




STEP 3:

* Slip the mounting bracket on to the beam and slide down to the concrete seawall (NOTE: If pile mounting uses the same procedure with the bracket vertical).
* Maintain the 1 to 2 inch space between the track and seawall.
* Mark the holes and drill for 3/4" stainless steel anchors. Mount the bracket channel to the seawall and tighten the track clamp
* bolt. **Be sure to attach the zinc bar cable to the 1/2 inch track mount bolt. Under no circumstances will warranty coverage apply to corrosion.**
* Complete for both tracks. Make sure they are **parallel AND** at the same incline **angle**.
* Measure the desired height and cut both tracks to length.

Height: 48" to 66" above seawall (ideally)



STEP 4:

* Position the second track parallel and 36" center to center from the first track. Maintain the same incline angle.
* Drive to weight bearing depth. Constantly monitor the position and angle of the track.
* The twin tracks must be parallel and at the correct angle of incline.
* Adjust as required and mark the seawall and mount both tracks.
* Slide seawall mount over the second track. Make adjustments for angle and spread distance. Mark position. Drill and install 3/4" stainless steel anchor bolts. Slip zinc loop over track clamp bolt and tighten in place.
* Mount track stiffener. If the distance from track mount bracket to the sea floor is greater than 9 feet an additional bracket is required.

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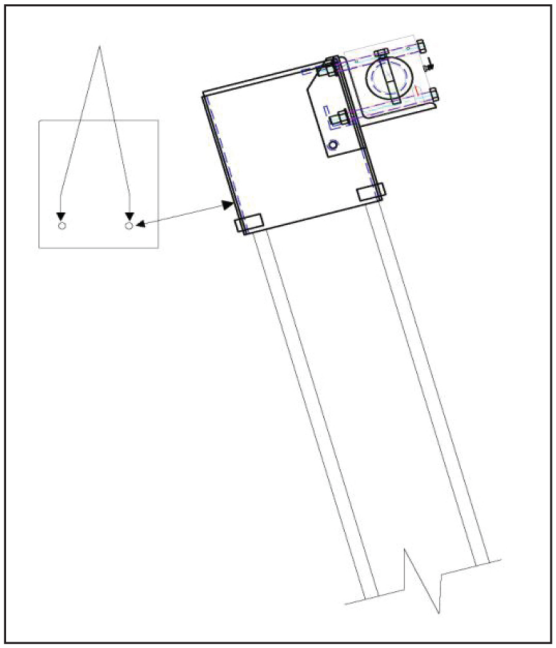
MOUNTING THE DRIVE HEADS

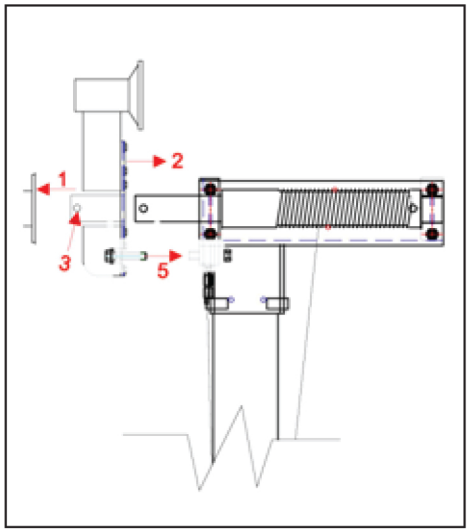
STEP 5:

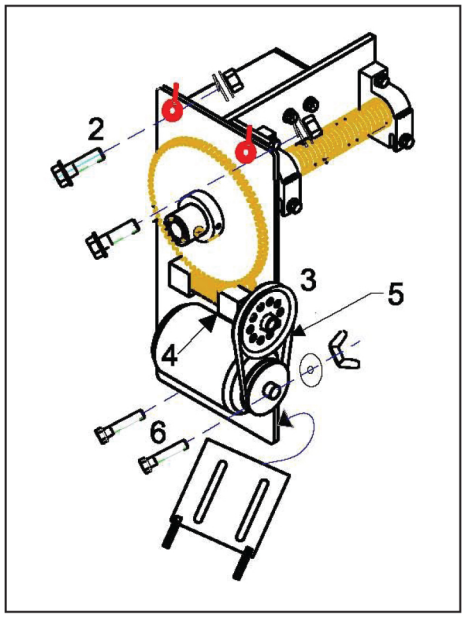
* Slide drive hear over beam winder facing toward water. Drill two 7/16" holes through web of I-beam and fasten with 3.8" bolts provided.



MOUNT SEA-DRIVE:

* Remove Cover.
* Slide Sea-Drive over winder shaft.
* Align holes and insert shaft bolt.
* Tighten shaft bolt.
* Turning the lift shaft to align insert torque bolt through gear tab and lift spacer, tighten.
* Replace Cover.





MOUNT FLAT PLATE DRIVE:

* Slide the flat plate over shaft and sleeve. Align holes and secure with hardened bolt and locking nut.
* Bolt the flat plate to the winder mount angle. Use 1/2" x 1-1/4" bolts, nuts, and pin washer (see illustration).
* Install large v-belt pulley on the worm shaft and align with motor pulley.
* Install motor to backplate using top holes and short carriage bolts (provided).
* Install v-belt around both pulleys starting with the motor pulley.
* Install longer carriage bolts in lower motor mounts using wing nuts and sliding pin plate.

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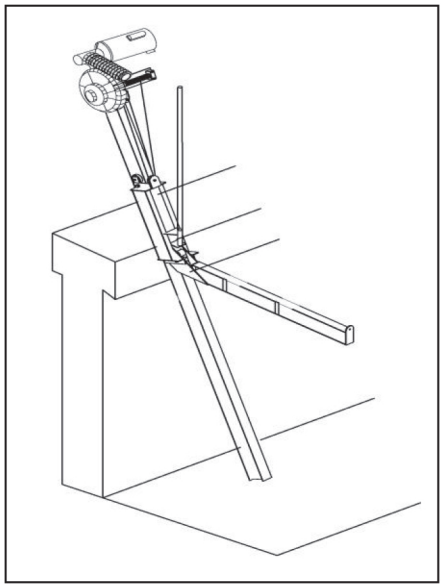
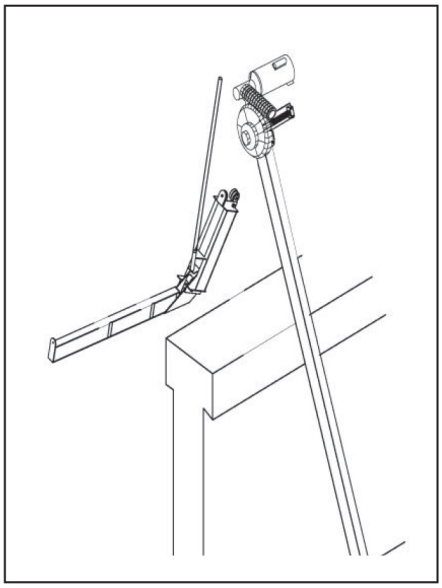
INSTALLING THE CABLES

BARGE AND CRANE

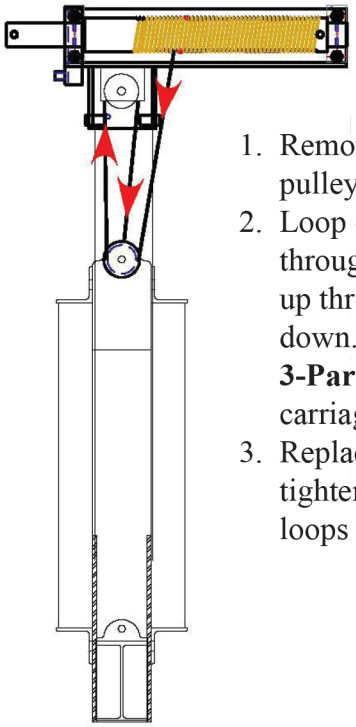


STEP 6:
Hold the cradle beam in place with a barge or crane **OR** place on the ground behind the tracks. If using the ground be sure not to twist or cross the cables when looping them through the pulleys (See Illustration).

CRADLE BEAM ON LAWN

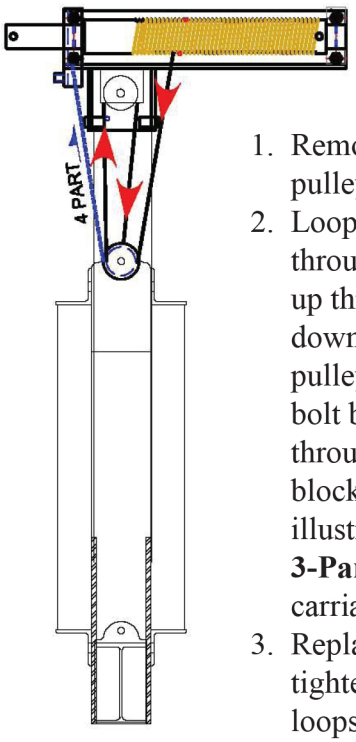


3 PART SYSTEM - 24,000# LIFT



1. Remove both upper and lower pulley.
2. Loop cable as shown down through carriage pulley slot then up through upper pulley slot then down.
   3-Part System: Terminate at carriage bolt behind pulley.
3. Replace pulleys and bolts and tighten. Make sure all cable loops lay in pulley grooves.

4 PART SYSTEM - 30,000K LIFT



1. Remove both upper and lower pulley.
2. Loop cable as shown down through carriage pulley slot then up through upper pulley slot then down through second lower pulley and up to bearing block bolt by slipping nicro loop through slot of lower bearing block and replace bolt (see illustration shown in blue).
   3-Part System: Terminate at carriage bolt behind pulley.
3. Replace pulleys and bolts and tighten. Make sure all cable loops lay in pulley grooves.

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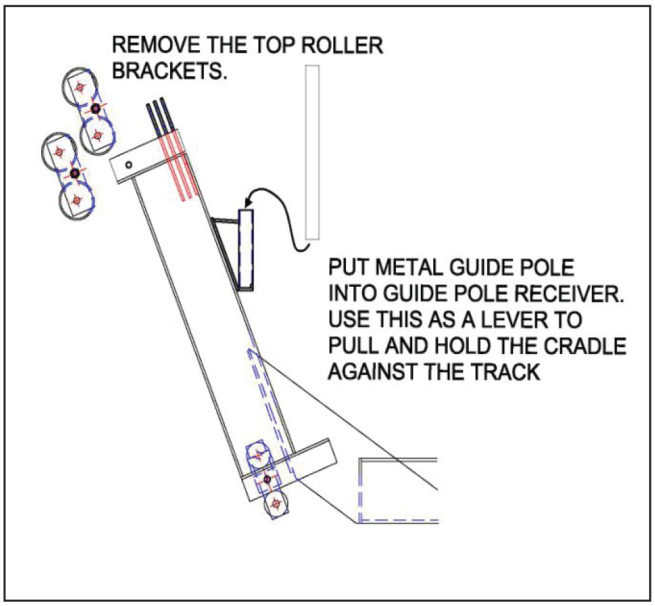
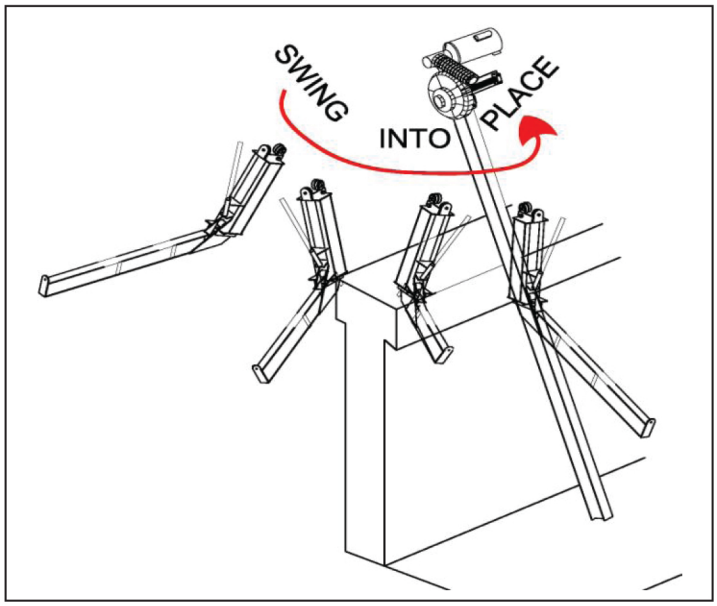
ATTACHING THE CRADLE TO THE TRACK





STEP 7:

1. Position the lower wheels on the face of the I-beam.
2. Pull the cradle into position using the guide pole as a lever.
3. Reassemble the upper roller bracket with wheels behing the I-beam flange. Attach the second bracket on the other side behind the flange. Tighten both securely.

The cradle is now secured to the track and cables are in position.

Refer to the cable diagram and examine the cables for alignment and centered in each pulley groove. Cables should not cross, be kinked, or looped around anything but the pulleys.

PLEASE CHECK CABLES

3 PART - Starting from the winder the cable should travel down and around the pulley and back up and around the pulley (left side facing left), and back down to terminate behind the lower pulley on the pulley axle bolt.

4 PART - Starting from the winder the cable should travel down and around the lower front pulley, up and around the upper front pulley (left to right facing lift). back down (right side) to the second pulley (right to left facing lift), and return up to terminate in the slot on the lower left bearing bolt. Remove lower bolt, slip nicro loop into slot and replace bolt.

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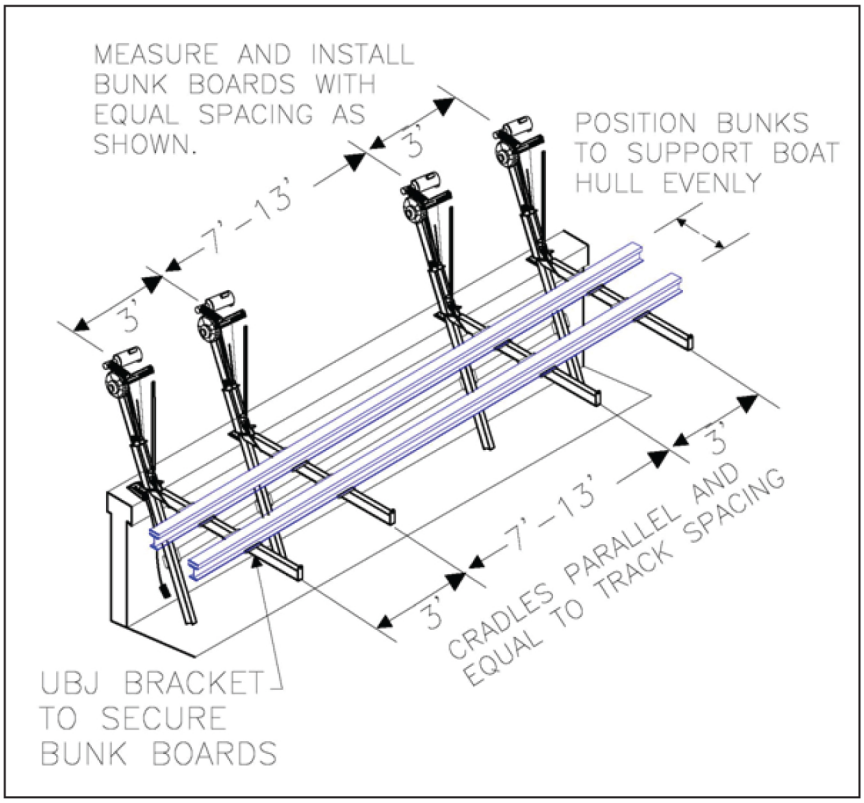
FINAL ASSEMBLIES



STEP 8:

* Install bunks using UBJ brackets.
* Spread bunks to support boat hull per manufacturer's recommendation.
* Maintain boat center of gravity in the center of the lift.
* Check zinc attachment to each mount bracket and it swings freely in the water.
* Complete installation by checking all bolts, installing motors, grease fittings, and install PVC guide pole covers

ALL ELECTRICAL WIRING MUST BE DONE BY A LICENSED ELECTRICIAN! Consult with your electrician and local municipality requirements for true disconnect of all power, neutral and ground lines isolating the boat lift. (Ref. NEC NFPA 70, section 250.2 and 250.6 (E). CSA standard c22.2 no. 0.4-M1996 and section 10-500. A certified decoupling device or true disconnect must be installed to prevent galvanic corrosion and electrolysis.

Install the C-Face motors on the Sea-Drives, grease the lift. Remove the cable shipping wedge, and place the PVC guide pole and cap over the metal guide pole.

The boat lifts must be wired by a licensed electrician familiar with dual direction motor controls and marine requirements.

Test GFCI before using lift (Ground Fault Circuit Interruptor).

The lift is now ready for the boat. Be sure nothing will hit the bottom of the boat and the lift is below the hull. Position the boat and mark for easy future alignment.

Enjoy your lift! "*The Best Boat Lift on the Market!*"

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When It's Done Right...It's Golden!

GOLDEN Boat Lifts

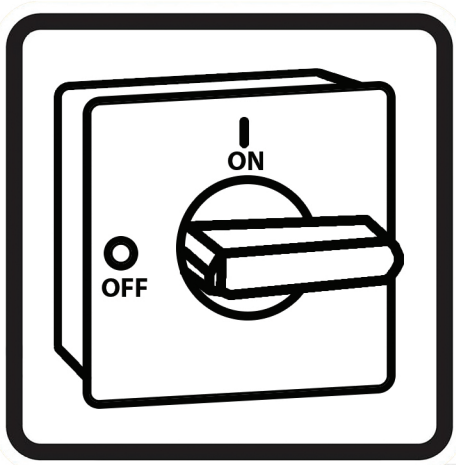
Dear Customer:

All Elevator Lifts are required to be equipped with one of two electrical safety features in order to prevent damage from electrolysis. You must have either a **4-Pole Disconnect Switch** installed and in the ***OFF*** position while your boat lift is not in use **OR** a **Removable Power Plug** must be installed and ***UNPLUGGED*** while lift is not in use. Failure to have either of these devices installed by a licensed electrician may result in corrosion or deterioration of the aluminum track I-beams as well as **VOID** of Warranty. Golden Boat Lifts and their Representatives will not be held liable for damage or failure due to mis installation or oversight of either of the required devices.

Sign:_____ Date:_____

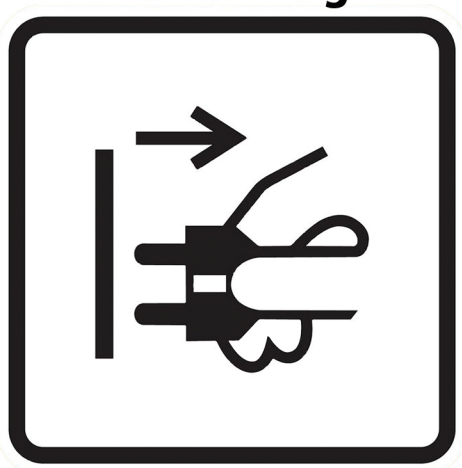
By signing, I have read, understand, & agree to the requirements listed above

4-Pole Disconnect



4-Pole Disconnect installed & in off position when Boat Lift not in use

Power Plug



Disconnect plug when Boat Lift not in use

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