



ELEVATOR INSTALLATION INSTRUCTIONS



SINGLE TRACK: 3,000 LBS

GENERAL INSTRUCTIONS:

1. Read all instructions before starting installation.
2. Before setting track check with the boat owner and boat manufacturer for proper hull support system.
3. Install crew should be properly licensed, insured, and qualified.
4. Only a qualified electrical contractor should wire the motor and controls.
5. Make necessary arrangements for getting in the water. The final hull support placement of the bunks and guide poles will be completed with the boat in the slip.
6. Installation will proceed more quickly if ALL bolts are brushed with anti-seize compound first, before you need to use them.
7. Check the installation area for any obstacles to setting the track in the predetermined installation area.
8. Place the track in position with 2 inches between the track and seawall. Using a vibratory pile driver, drive the track to resistance. If the track is to be set at an angle, use a digital protractor to maintain the exact angle required of the track.
9. Attach the track to the seawall or pile with the adjustable mount bracket.
10. Slide the mount head over track I-beam, and mount with two 3/8" bolts.
11. Mount the Sea-Drive® and motor on the winder shaft (See Pictures).
12. For flat plate drive systems, mount the motor on the flat plate using the bolts provided.
13. A shipping wedge was placed between the winder and the side of the beam. It may be necessary to remove the wedge when bolting the gear box drive on. Always keep tension on the cables if the wedge is removed!
14. Lift the cradle and slide carriage into position. Unbolt the top wheel set and rebolt the wheels in place behind the I-beam flange.
15. Install the bunks and guide piles with the hardware provided.
16. Have an electrician wire the motor and controls and you are ready to run the lift.



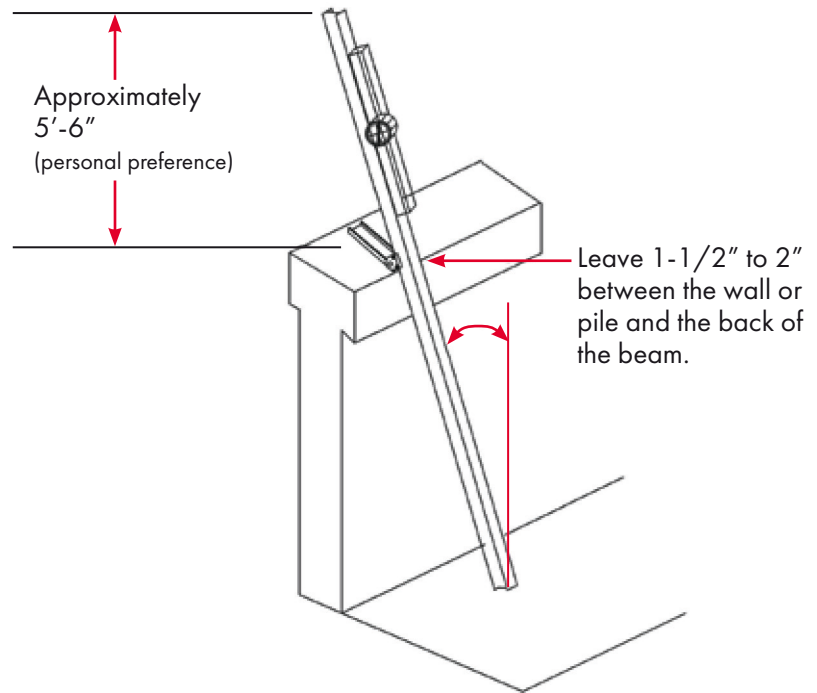
GRAPHICAL INSTRUCTIONS:

STEP 1:

TRIM I-BEAM AFTER DRIVEN TO REFUSAL

Using a digital protractor, drive or jet the I-beam into the bottom till refusal. It is important to maintain the angle exactly. The angle is pre-set when ordering the lift.

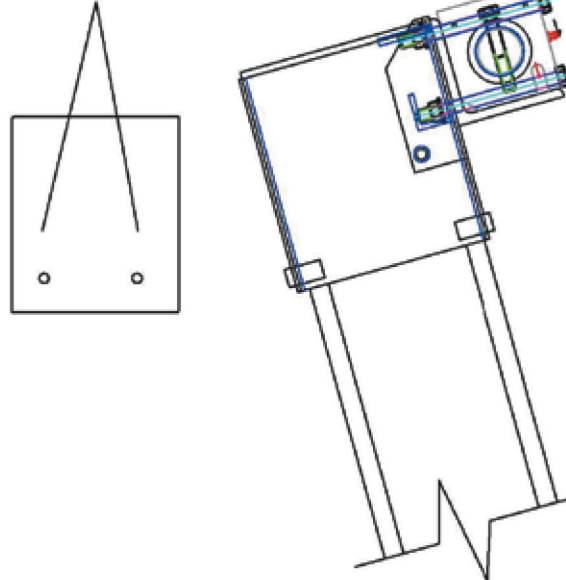
NOTE: You can download a free app that will allow your phone to be a digital protractor.



STEP 2:

Slide the drive head over the beam winder facing toward the water. Drill two 7/17" holes through web of I-beam and fasten with 3-1/2" bolts provided.

Two 7/17" Holes



GRAPHICAL INSTRUCTIONS:

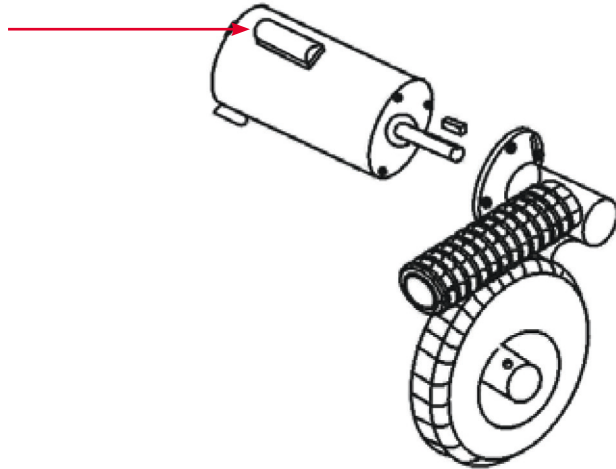
MOUNTING THE SEA-DRIVE HEAD

STEP 3:

NOTE: Be sure to mount the motor with the capacitor up.

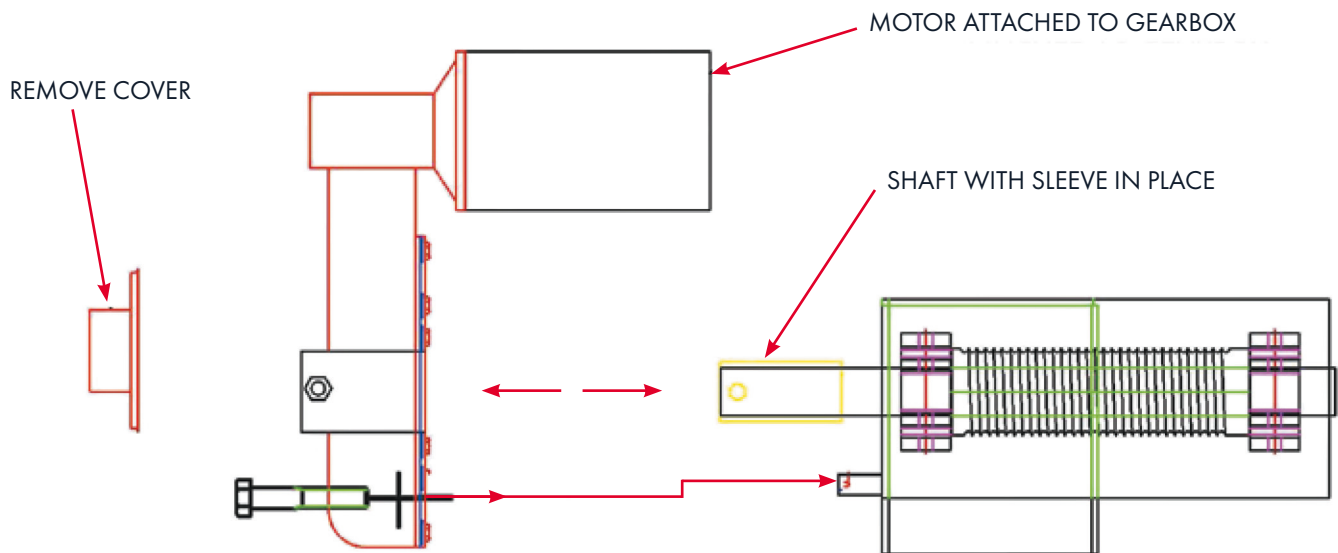
Coat the motor shaft with anti-seize, put key into the groove, slide the motor into the gearbox and secure with (4) 1" long bolts.

CAUTION: DO NOT FORCE the motor into the gearbox with bolts. Slide the motor.



STEP 4:

Slide the motor and gearbox over winder shaft and sleeve. Secure with hardened bolt supplied with the gearbox.



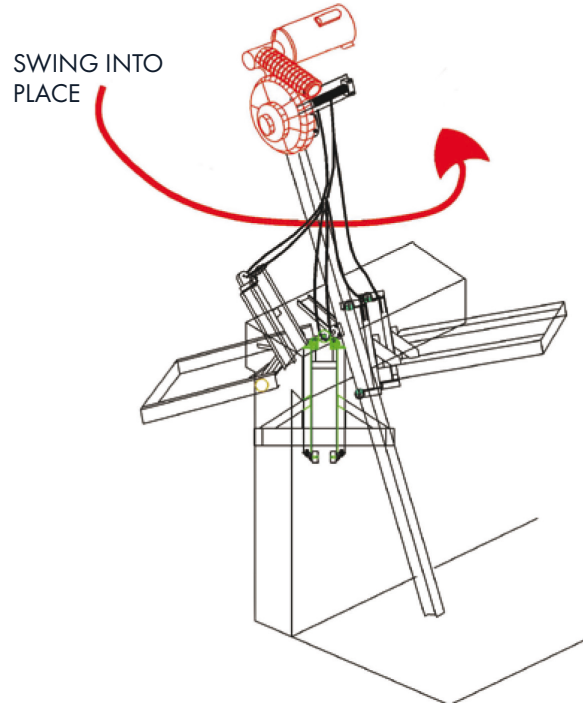
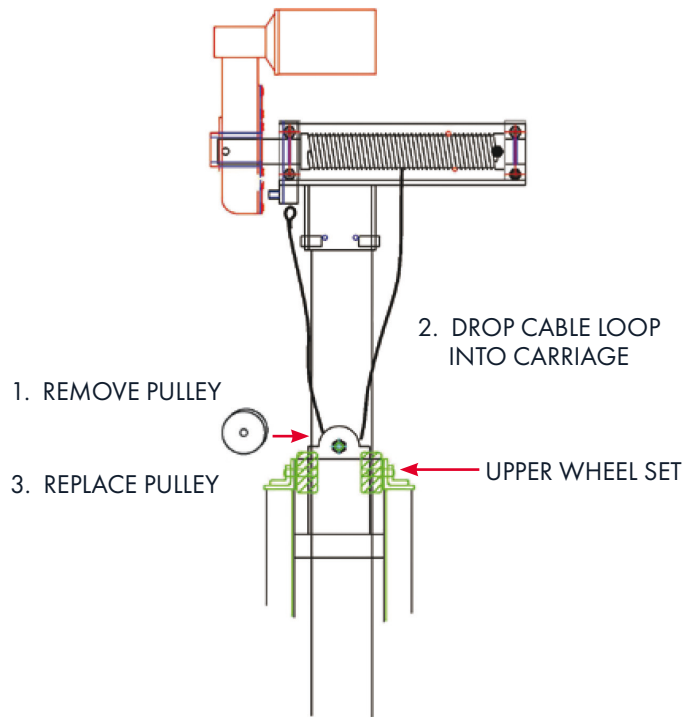
GRAPHICAL INSTRUCTIONS:

STEP 5:

1. Cut the cable ties and let the 3 foot loop of cable fall free. (DO NOT remove the wooden wedge at this time).

NOTE: The cable was pre-wound at the factory and the free end terminated at the front bearing bolt, with a wooden wedge holding the cable in place. Simply free the loop and follow steps 2 through 6.

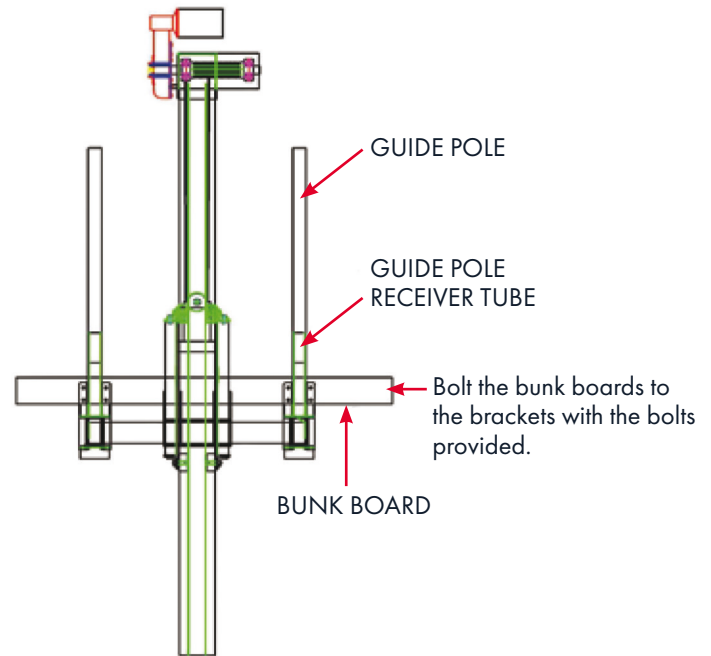
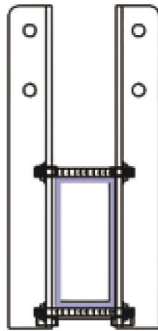
2. Remove the carriage pulley and drop the loop into the carriage.
3. Replace the pulley.
4. Remove the two bolts that secure the upper wheel set to the carriage.
5. Swing the carriage around to the front of the track.
6. Reinstall the upper wheel set behind the front I-beam flange.



GRAPHICAL INSTRUCTIONS:

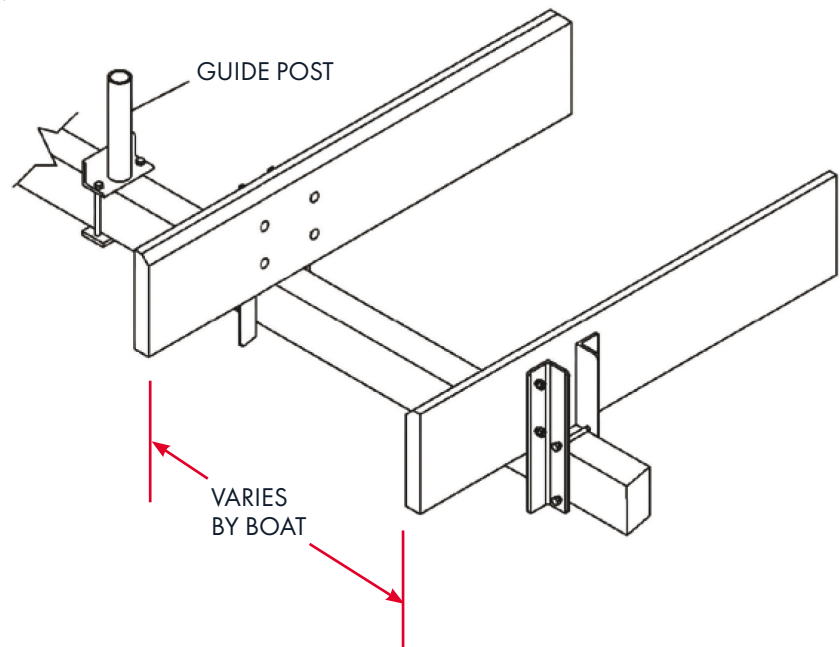
STEP 6:

Bolt the bunk brackets on opposite sides of the cradle 4 x 6 tube as shown.
Slide into position and tighten the bolts.
Repeat for all four sets of brackets.



STEP 7:

Install the guide pole receiver tubes using bolts and backer plates as shown. Insert the metal pole into the receiver and cover with the PVC guide pole.



GRAPHICAL INSTRUCTIONS:

Please note that local codes vary from county to county and state to state. Follow all local codes and requirements.

If your motor came pre-wired with a GFCI and plug, the lift is electrically ready to run.

Plug it in and test the GFCI to assure it is working properly. If your control switch is backwards where the up position operates the lift in the down direction, then reverse the motor wires T5 and T8 (Black and Red) in the motor wiring cavity. NOT THE SWITCH.

If you have purchased a Gem control box from Golden Manufacturing, Inc. follow the instructions shipped with the Gem controller or on the website www.gemremote.com.

For other wiring conditions you may call Golden Manufacturing, Inc. for additional information.



GENERAL INFORMATION:

At this point the equipment is all in place and you are ready to run the lift.

Have the electrician wire the motors and control box. If the lift has an Auto-Stop, locate its position and read the instructions under the cover.

If you have an Auto-Stop feature set Auto-Stop and level the lift. With the motors wired run the lift up to the approximate final up position. Set the upper limit at this position. Repeat this for the lower limit with the cradles near the floor of the berth. Check both top and lower limit and adjust or fine tune until the lift is stopping correctly. Adjust the level of the lift using the level switches on the control box. Each motor switch cuts off that motor. Pick the high point and cut off that motor. Run the lift until the low point is raised to level.

LIFTING THE BOAT

CAUTION: ONLY EXPERIENCED PERSONNEL SHOULD ATTEMPT THIS!

Move the boat into the slip and over the cradle beams. Raise the lift until the cradle beam contacts the boat.

Adjust the bunks according to the boat hull. If you are unsure, check the boat's manufacturer as to where they recommend the proper hull support lifting points are located. When you are satisfied, adjust the guide poles and tighten up the hardware. Mark the guide poles at the water's surface when the cradle is fully under the boat. This will always alert the captain when the lift is sufficiently deep regardless of tide.

Lift the boat up a little and check all around. Look for any through hull fitting contact with the pads. Make sure the boat is sitting on the bunk boards fully. Continue to raise the boat slowly until it is completely out of the water. Inspect cable tension, pulleys and boat on the lift.

Ask the electrician to check the amperage of each motor to be sure that the wiring is correct and the motor load is within its specifications.

Consult our website: GoldenBoatLifts.com for the latest information and accessories.

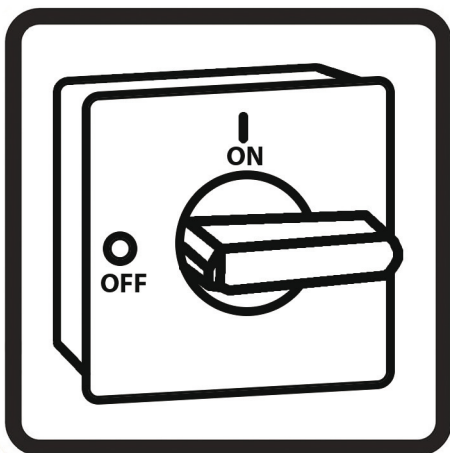
Enjoy the Golden Experience!

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 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 the Representatives will not be help liable for damage or failure due to misinstallaion or oversight of either of the required devices.

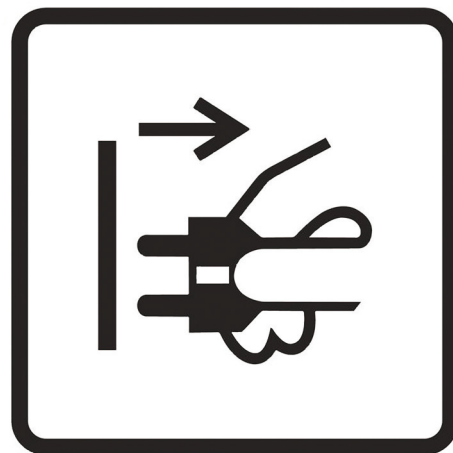
Sign: _____ Date: _____
By signing, I have read, understand, and agree to the requirements listed above.

4-POLE DISCONNECT



4-Pole Disconnect installed and in off position when Boat Lift is not in use.

POWER PLUG



Disconnect plug when Boat Lift is not in use.