



Raptor Lifts Installation Checklist

**Safety Statement: DO NOT MAKE ANY ADJUSTMENTS TO LIFT (CABLES, PULLYS, HARDWARE)
WITH BOAT LOADED ON LIFT**

Date of Purchase: _____

Date of Install: _____

Lift Type and Serial Number: _____

Before Loading Boat

- I have ensured that the lift has been properly assembled per Raptor Lifts instruction manual and tested for functionality without a boat prior to installation.
- I have read and understand the instruction and installation manual/documentation prior to lift installation in the water and fully understand that is it my duty to get clarification, if necessary, prior to lift installation.
- I have ensured that the boat lift installation direction is per Raptor Lifts instructions.
 - This requires the boat lift motor to be located above the heaviest section of the boat (usually the aft of the boat).
- I have inspected all lift cables and pulleys, along with all lift hardware, ensuring everything is properly installed, functional, and meets all safety standards.
- I have identified the max load of my boat and all equipment. MAX LOAD: _____
- I have identified the Center of Gravity (CG) location of my boat (Boat Manufacturer should be able to tell you).
- I have ensured that the boat lift is not going to be overloaded under any circumstance per the capacity rating of said boat lift, load not to exceed more than 85% of the rated capacity.
 - For example, the 6000lb rated boat lift will not be loaded with over 85% of a boats actual combined total loaded weight (boat, fuel, water, driver, and added contents).
 - If not followed, stresses will be caused and possibly not allow the lift to perform as designed.
- I have ensured that I will understand and follow the attached plum chart below when leveling all aspects of the lift.
- I have fully ensured that the boat lift needs to be and has been installed level and kept level while in use, keeping all four vertical beams within 1" of being plum and level.
 - The four vertical beams (the super structure) need to be checked and plum on 8 edges. The outboard edges (outboard and inboard directions) and the forward or aft edges (forward and aft directions).

After Boat is Loaded

- I have ensured the two leveling beams and their associated cables are made as level as possible.
 - These are the two beams with the Raptor Lifts logo.



- Adjustments are made using the two (one on front top plate, one on lower beam angle) threaded swage cable ends.
 - Tightening the nuts, raises the front of the beam (non-logo side)
 - Loosening the nuts lowers the front of the beam (non-logo side)
 - **NEVER ADJUST CABLES WHILE LOADED, NEVER LOOSEN NUTS BEYOND TWO THREADS SHOWING AFTER THE NYLON LOCKING SYSTEM**
- Levelness was measured with the boat loaded, but adjusted without the boat on the lift, adhering to the above safety statement.
 - May need to be repeated after boat is reloaded and checked again
- I have ensured that whenever the lift is loaded, the boat CG (Center of Gravity) is placed as close as possible to the optimal forward to aft location on the lift.
 - This is defined by the center of the Raptor Lifts leveling beams (beams with logo).
 - For example, the boat CG will be placed on the lift as close as possible to where half of its total loaded weight falls on either side of the lift designated CG.
 - If this is not centered as close as possible, the lift may be overloaded and possibly cause malfunction lifting or lowering, damage to the lift itself, the structure, and most importantly any persons in or around the boat.
 - I have ensured a second levelness check was done on all 4 vertical beams after boat loading to confirm lift didn't settle into the lake bottom, and re-leveled if so.

Dealership Name Printed: _____

Date:

Dealership Signature: _____

Customer Name Printed: _____

Date:

Customer Signature: _____

		AMMOUNT OFF PLUM (INCHES) ALONG 124.5" BEAM (TOP TO BOTTOM)		
AMOUNT TO GET BUBBLE CENTERED (INCHES)		2 FOOT LEVEL	4 FOOT LEVEL	8 FOOT LEVEL
0.25		1.3	0.6	0.3
0.5		2.6	1.3	0.6
0.75		3.9	1.9	1.0
1		5.2	2.6	1.3

Table of plum vertical beam to leveling tool used.