

# Gunnel Mount Boom Installation Instructions

The Best Possible way to learn to ski, barefoot and wakeboard!

**⚠ WARNING:** FAILURE TO ADHERE TO ALL WARNINGS COULD CAUSE DAMAGE TO EQUIPMENT OR VEHICLE, PERSONAL INJURY OR EVEN DEATH. BE AWARE OF YOUR SURROUNDINGS AND ALWAYS STAY CLEAR OF BRIDGES, DOCKS AND ANY OTHER OBSTACLES • DO NOT USE THE BOOM WITHOUT THE CABLES ATTACHED TO THE BOW OF THE BOAT • DO NOT TOW THE BOAT WITH THE BOOM INSTALLED • DO NOT USE TO PULL TUBES, KITES, PARA SAILORS OR STRANDED BOATS • BE SURE TO CHECK ALL HARDWARE, CLAMPS AND CABLES FOR WEAR AND PROPER INSTALLATION PRIOR TO EACH USE.

**⚠ WARNING:** THE USE OF THIS PRODUCT INVOLVES INHERENT RISKS OF INJURY OR DEATH. TO REDUCE THESE RISKS THE INDIVIDUAL MUST ALWAYS STAY WITHIN THEIR LIMITS AND AT SPEEDS THAT DO NOT EXCEED THEIR LEVEL OF SKILL. THIS PRODUCT IS A TRAINING AID FOR ALL TYPES OF SKIING AND SHOULD ONLY BE USED FOR THAT PURPOSE. DO NOT HANG OFF THE BOOM WHEN THE BOAT IS IN MOTION UNLESS THE INTENT IS TO SKI. THE DRIVER OF THE BOAT SHOULD ALWAYS FOCUS THEIR ATTENTION ON THE SURROUNDINGS, NOT THE SKIER.

1. Read through all directions and warnings completely before installing this product.

**Important:** The most important thing to keep in mind when installing the Gunnel Mount Boom is that it's positioned so the skier is out of the side spray produced by the boat's hull.

2. The boom is made up of three separate pieces; the gunnel extension, inside section and outside section. Pin the gunnel extension to the inside section using the lock pin (be sure you secure it with the snap wire).

3. Slide the outside section of the boom into the inside section until the alignment pin snaps into place.

**Note:** You will need three people and some towels for the next step.

4. Take the boat and boom out onto the lake. Drive at speeds that you intend to pull skiers while two friends experiment with the placement of the boom. Use the towels as padding to keep the boom from damaging the gunnels of the boat. The goal at this point is to position the boom so the skier is out of the side spray produced by the boat's hull.

5. Once you have determined the best placement for the boom, note where it will be installed and head back to shore.

6. Check behind **both** gunnels where you plan to drill and make sure that there are no obstructions such as throttle cables or wires. You may have to reconsider the boom placement if you are not positive that there are no obstructions.

**ADJUSTING THE LEVEL OF THE BOOM:** Depending on the design of your boat, you may have to adjust where you mount the clamp. The goal here is to have the boom at chest level for an average height person. Don't forget that the boom will be slightly higher when the boat is moving and on plane. To adjust the level of the boom, move the clamp up or down accordingly. Due to the many types and shapes of boats, there is no way for us to describe a predetermined placement for the clamp. If you have any questions, please contact us prior to proceeding.



## Gunnel Tower Boom Installation Instructions (continued).

7. Use the boom clamp to mark where you will be drilling the holes to mount it. Drill through your marks and mount the clamp to the gunnel using 4 screws, backing plate, washers and locking nuts. Be sure you tighten them firmly. (Fig. 1)
8. The boom should still be put together from step 4. Use the 1/2" x 3" bolt to temporarily pin the boom to the clamp. Rest the boom on the opposite gunnel and use the u-bracket to mark where you will need to drill. Remove the boom from the boat.
9. Drill your holes and install the u-bracket using the 4 screws, backing plate, washers and lock nuts. The u-bracket stays mounted to the boat permanently so make sure you tighten the bolts firmly. (Fig. 2)
10. Slide the boom through the u-bracket and pin it to the clamp using the 1/2" x 3" bolt. Secure the bolt using the flat washer and wing nut. Tighten it as tight as you can with your hands.
11. Hook the carabineer on the cables to the boat's trailer under-bow eye hook.
12. Pull any slack out of the cables until they are snug and the boom is pressed against the front of the u-bracket. Make sure the cable loop at the end is approximately 1 1/2" - 2" in diameter. Tighten all 8 set screws on the cable clamp with provided allen wrench. Be sure you tighten them until they are extremely tight.
13. Slide the cable pad over the cables and connect loop strap through the carabineer. Tuck any excess cable back into the cable pad.

