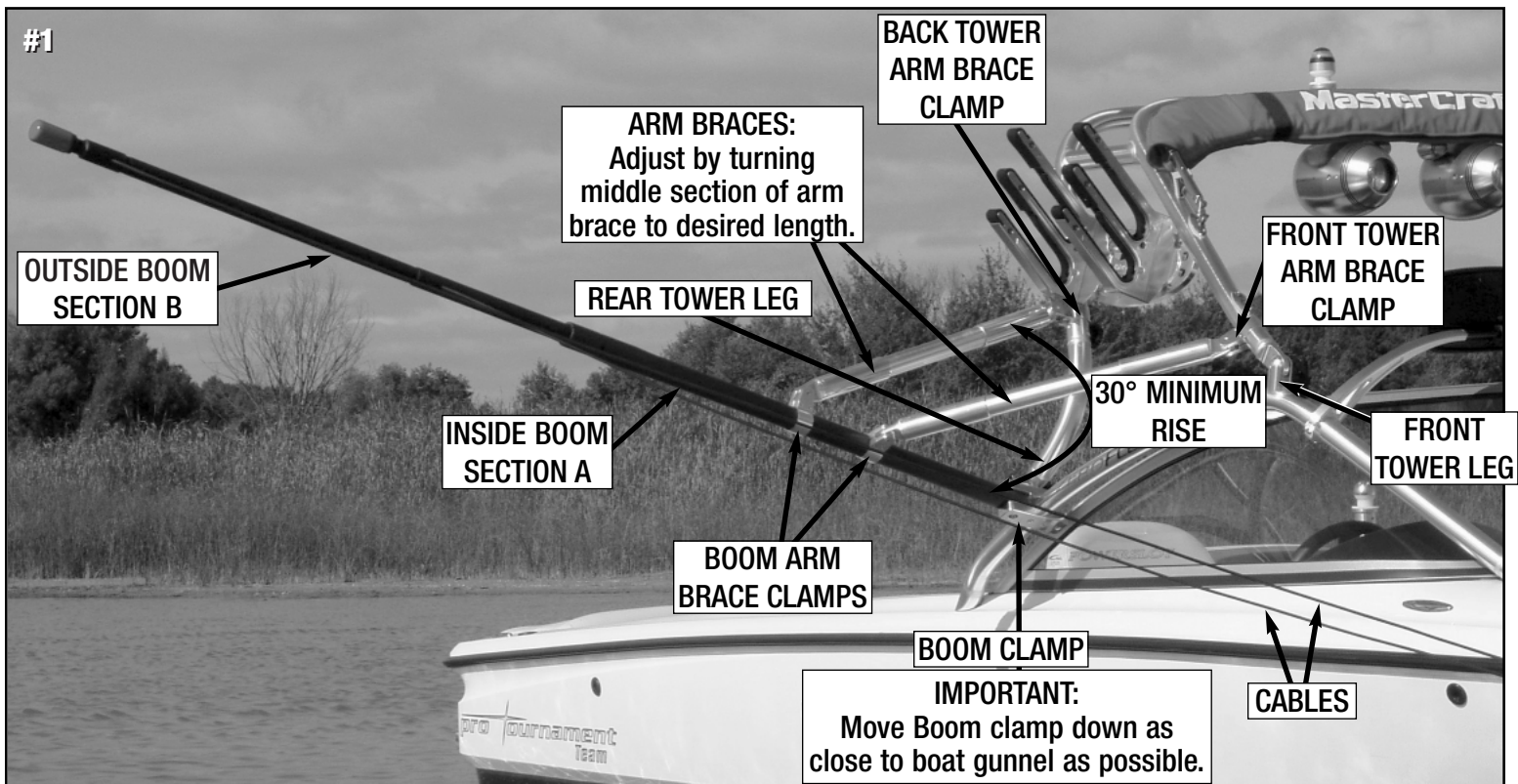


# THE TOWER BOOM

## ASSEMBLY INSTRUCTIONS



### WARNINGS

The Tower Boom is designed to fit most towers and cages or roll bars available on the market.

If questions, call: 1-(414)-964-3668.

Be sure that your tower, boat, and tower attachments to your boat are strong enough to handle tower Boom stresses and leverages. You must make this decision and be responsible for it.

- \* One person at a time on the Boom.
- \* Be sure to familiarize yourself with variations in boat handling while using Boom.
- \* Stay clear of obstacles.
- \* Do not use alcohol or drugs while operating boat.
- \* Avoid sharp turns.
- \* Watch for tower stress while activities are underway and stop activity immediately if overstressed.
- \* Avoid over-strenuous maneuvers.

### Check list before each use:

- Check all cables, hardware, snaps, and pins for correct function, tightness and wear before each use.
- Be sure tower is strong and in proper condition and secured adequately.
- Be sure cables are adjusted properly. They need to be tight enough so there is no slack showing.

## Assembly & Installation Instructions

Read all warnings and instructions before installing or using this Boom. Allow adequate time for initial installation (one hour). All allen wrenches are supplied.

- 1. CLAMP ASSEMBLY** - Find straight area on rear tower leg as close to the boat fiberglass as possible. Place clamp on rear tower leg as shown (See **Photo #1**). Position close to the gunnel or the lowest height as close to the base of tower as possible. Place socket cap screws #1 and #2 into clamp making sure they are secured very tightly with a hex key. (See **Illustration #2**).
2. If your tower is smaller diameter, use bushings supplied (See **Photo #5**). Place clamp on bushings and tighten securely.
- 3. BOOM SECTION A ASSEMBLY** - As shown in **Illustration #2**, obtain boom Section A. Place end of Section A between clamp sections. Push Quick Release Pin #3 through boom and clamp sections. Be sure ball on Quick Release Pin is all the way through clamp.
4. Look at your rear tower leg that you just attached the boom clamp onto and approximately 1 to 3 feet above the boom clamp search for an area to attach one of the tower arm brace clamps to. This area should be fairly straight and at least one foot above boom clamp and preferably 2 to 3 feet (See **Photo #1 & #4**).
5. Attach a tower arm brace clamp to the rear tower leg in the location you've found by inserting 1/4" socket hand screws through holes in back clamp part into front clamp part. Slightly tighten because you will need to readjust (see **Photo #4**).
6. If your tower is smaller diameter and the clamp does not fit exactly, use bushings supplied and tighten securely (see **Photo #5**).
7. Attach a tower arm brace clamp using same instructions as in 5 & 6 to the front tower leg in a fairly straight part of the leg approximately 2 to 3 feet above gunnel of the boat.



8. Attach both boom arm brace clamps to boom Section A approximately 1 to 3 feet from the boat on the inside boom Section A (See **Photo #1** & **#3**).

9. Have someone hold boom horizontally outside of boat or slightly upward at desired height (See **Photo #1**).

10. Adjust an arm brace between 3 to 5 feet until approximate distance between arm brace clamp and rear tower leg and a boom arm brace clamp is achieved (See **Photo #1**). This is done by turning center of arm brace while not letting other sections turn.

11. Secure one end of the arm brace to the Boom arm brace clamp by using flat 1/2" socket screw supplied (See **Photo #3**).

12. Secure the other end of this arm brace to the rear tower arm brace clamp by using a 1/2" hitch pin supplied (See **Photo #4**). You will have to adjust the length of the arm brace to fit correctly and possibly move the arm brace clamps slightly. Arm brace must rise to tower 30° minimum (See **Photo #1**).

13. Adjust the other arm brace between 3 to 5 feet until the approximate distance between the Boom arm brace clamp and the front tower arm brace clamp is achieved (See **Photo #1**).

14. Secure one end of this arm brace to the other Boom arm brace clamp by using flat 1/2" socket screw supplied (See **Photo #3**).

15. Secure the other end of this arm brace to the front tower leg arm brace clamp by using a 1/2" hitch pin supplied (See **Photo #4**). You will have to adjust the length of the arm brace to fit correctly and possibly move the arm brace clamps slightly. Arm brace must rise to tower 30° minimum (See **Photo #1**).

16. **OUTSIDE BOOM SECTION B ASSEMBLY** - Obtain outside Boom Section B with guy cables. Slide the end of Section B into the hole provided in the end of Section A. (Push pin in and slide sections together until push pin in Section B snaps into push pin hole in Section A.) After Sections A and B are locked together, hook snap hook at end of cable to your boat's front bow eye. As in **Illustration #1**, adjust the cables in the cable clamp so both cables are snug. Be sure cables both fit snugly and adjust cables so loops are approximately 1-1/2"–2" diameter at ends of cable. Take allen wrench and tighten allen set screws securely. (Rotate tightening from one side to the other until all set screws are extremely snug.) After desired cable tension is obtained, both cables are adjusted properly, and set screws in cable clamps are snug, slide cable protector over excess cable and cables up to bow eye hook. Put nylon strap onto hook with cable loops on. (Do not cut excess cable.)

17. With the hex key wrenches supplied, tighten all screws securely. This includes all 1/4" screws on all arm brace clamps, boom clamp bolts, flat socket screws on boom arm brace clamps, set screws on adjustable cable clamp, and 1/2" socket screws on main boom clamp.

After steps above are completed, you can use your new Boom. Be sure to go over checklist before each use and check proper working condition, wear, and secureness of the tower Boom and the tower.

**Note:** Between uses, telescope Outside Boom Section B into Boom Section A. Pull pins on the tower arm braces and pull main push pin on main Boom clamp so you can remove from boat until next use.

*For assembly problems or any questions, call:*  
**1-800-932-0685 (Outside USA call: 414-964-3668)**

