

# WakeMAKERS

## 42304 - Mastercraft TankBuster Rear Installation Manual

### Maximum Weight Capacity Warning

Never overload your boat. The maximum weight capacity as listed on the certification plate includes all items added to the boat (persons and gear). Also, proper distribution of weight is critical to boat performance. Allocate the load as evenly as possible.

These capacities include filled ballast bags, whether they are factory installed, dealer installed or added by the customer. Note that adding ballast bags reduces the number of people and the amount of gear that can be added. Failure to adhere to the total maximum capacity may result in too much strain on the drive train or can sink the boat.

It is the responsibility of the operator to ensure safe installation and use of this product. Failure to follow these guidelines may result in injury or death.

This TankBuster Rear Ballast Upgrade System is designed for use on Mastercraft wakeboard boats equipped with factory ballast tanks located above the floor in the rear locker. Manufacturers regularly make running production changes which can impact the compatibility or installation of this ballast system. If something seems confusing, or doesn't appear to be correct based on your boat, please contact us so that we can help resolve the situation.

If you encounter problems or have questions, please contact us by phone at (888) 338-6085, or by email at [sales@wakemakers.com](mailto:sales@wakemakers.com) for assistance. Ballast experts are available from 9AM – 5PM PST Monday-Friday.

Step 1: Locate the ballast tank in the rear locker next to the engine. It will be secured to the outside edge of the locker, and is covered in carpet.

Step 2: Loosen hose clamps securing the vent hose (top of tank) and fill/drain hose (bottom of tank) to the factory tank. Mark each hose with function for proper reconnection to the new bag. Remove hoses from the barbed fittings on the tank.

*NOTE:* It may be necessary to apply heat from a hair dryer or heat gun to soften the hose for easier removal.

Step 3: Disconnect the wiring for the factory level sender (if equipped) located on top of the tank by following the harness back to the two part electrical connector. While holding the latch open apply gentle pressure to pull the two halves apart.

Step 4: Remove the screws through the angle brackets securing the hard tanks to the floor of the boat. Remove tank from boat and set aside.

Step 5: Extend the vent hose by inserting the barbed end of the included pre-assembled extension into the factory vent hose removed from the factory tank in **Step 2** above and secure with the the hose clamp removed during **Step 2** above.

Step 6: Insert included **Fly High 3/4" Female Elbow Quick Connector Fitting (33042)** into the end of the fill/drain hose removed from the factory tank in **Step 2** above and secure with the hose clamp removed in **Step 2** above.

Step 7: Thread included **Fly High 3/4" Male Quick Connect Fittings (33036)** into the top and bottom port on the same side of the ballast bag.

*NOTE:* Depending on which bag is being installed, it may also be necessary to install a **Fly High Bag Plug**

**Fitting (33031)** into the unused port located on the top of the bag.

Step 8: Place ballast bag in locker of boat and connect the **Fly High 3/4" Female Elbow Quick Connector Fittings (33042)** on the ends of the hoses to the mating **Fly High 3/4" Male Quick Connect Fitting (33036)** in the bag. The vent hose attaches to the top of the bag, and the fill/drain hose attaches to the bottom of the bag.

The installation is now complete, test the system for any leaks, and you're ready to ride.

***If you have any issues with the installation of this factory ballast upgrade, please contact us immediately and we will be happy to help resolve them for you.***