



## ™ Drain Master Operating Instructions/Warranty Wake Ballast Systems

Congratulations on the purchase of your new sports boat. Your boat comes equipped with Drain Master, Electric Ballast Valves. We are confident that our product will be a true benefit to your future boating experience.

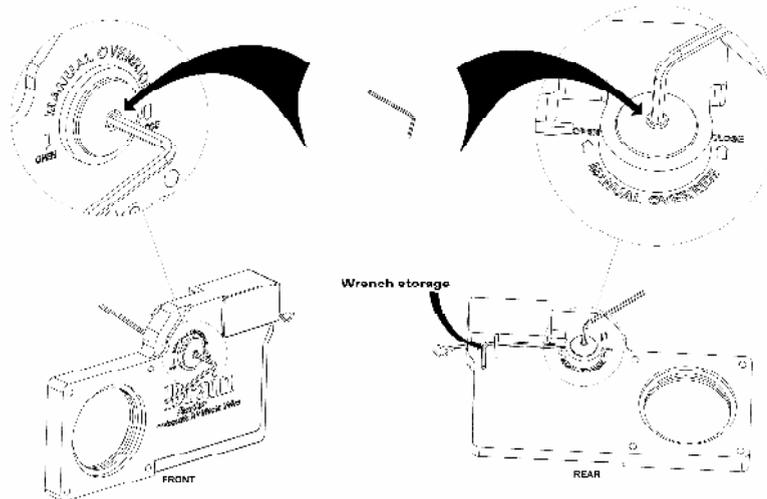
- Your Drain Master is extremely easy to use and requires little maintenance.
- Before you use your wake system, make sure you have read and understand how the wake system works.
- When you are ready to fill your ballast tanks, simply push the switch up toward the word "open" and hold it for no more than 2 seconds. The valve opens and the ballast tanks will fill completely in about 50 to 60 seconds. **The Drain Master will open in 1-2 seconds**, which means you don't have to hold the switch in the open position for more than 2 seconds. Holding the switch longer will pop the 5 amp fuse!
- To close your valve, simply push the rocker switch to the "close" position. Again, the valve will close in 1-2 seconds.
- The switch is a momentary center return. (Which means, when you release the switch, it will automatically return to off)
- **Never hold the switch in the open or closed position for more than 3 seconds.**
- When you are ready to empty your ballast tanks, push the switch down toward the word "Close" and hold for no more than 2 seconds. Open and Close work exactly the same so uses the same procedure to fill and dump. The only exception is when dumping the ballast water the boat has to be moving forward fast enough to expose the ballast drain inlet/outlets.
- **IMPORTANT:** Should you ever lose power to your boat, you can open or close the valve manually. To do this, use the supplied 1/8" Allen Wrench secured on the back of the valve. On either side of the Drain Master, you will see the words *Manual Override* on the upper center area. The words Open and Close with directional arrows provide directions in which you will turn the hex head in the middle of this wording. Turn in the direction you need. There will be resistance as you are overriding a safety clutch. Turn until the shaft stops. The gate will fully open or close with about a turn and a half with the Allen Wrench. When convenient, check and correct electrical problem. \* see attached picture. NOTE: The manual override was designed for use in emergency situations only (i.e.,



loss of power, problem with valve) – It is not meant to replace the switch. A stripped manual override caused from excessive use is not covered under warranty.

- **NOTE:** *If your valve becomes sluggish, you may need to remove the valve and remove debris from the gate area. Change and lubricate the seals, (only the seals purchased from Drain Master will work with this valve, Part #DM30-SB). Lubricate the seals with Dow Corning 111 only.*

### Drain Master Manual Override



Determine which side of the Drain Master valve you are looking at (label is on the front). With a 1/8" allen wrench, turn the manual override in the appropriate direction (open or close) per the illustration above.

Note: The manual override was designed for use in emergency situations only (ie, loss of power, problem with valve). It is not meant to be used as a routine method of operating the valve.

### What Is Covered and For How Long

P.O. Box 2316 Hollister, CA 95024-2316 Toll Free (877) RV STUFF Fax (831) 636-3759

[www.drainmaster.com](http://www.drainmaster.com)



We are confident that our product will perform well and therefore warrant to you, as the original purchaser, for a period of 1 year from the date of original purchase, that your new product will be free of mechanical and electrical defects in material and workmanship.

#### **What Drain Master Will Do & How to Get Service**

If your boat is still under manufacturer warranty, please refer your problems to your manufacturer. If the boat is outside of the manufacturer warranty and your product is covered during the Drain Master period, we will replace your new product (you pay the shipping costs), which will be your exclusive remedy under this warranty. Drain Master shall not be liable for any special, incidental, indirect or consequential damages whatsoever (including, without limitation, labor or installation charges, damages for loss of business profits, business interruption or any other pecuniary loss) arising out of the use of or inability to use the product. If your valve is eligible for return to Drain Master, please call us toll free for a return authorization number and shipping instructions. Items returned without RMA # will be refused at the point of delivery.

**Send To: Drain Master. Customer Care Dept. 1803 Shelton Drive Ste. 102, Hollister, CA 95023**

Please be aware that use of the product on improper voltage or current, use contrary to operating instructions, or disassembly, repair, or alterations by any person other than a reputable boat service repair company may render your product warranty void.

#### ***How Your State's Law May Apply***

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

If you need any assistance, please call us toll free at 1 877-RV STUFF (1 877-787-8833).