**FLUIDMASTER® COMPLETE TOILET REPAIR KIT INSTALLATION INSTRUCTIONS**

**WARNING**

- **DO NOT SET FLOAT CUP TO LOWER THAN CRITICAL LEVEL MARK / C.L. MARK**
- **DO NOT USE FLUIDMASTER FLUSH ‘N SPARKLE TOILET BOWL CLEANING SYSTEM**

**LIMITED-TIME EXPRESS WARRANTY**

FLUIDMASTER warrants to the original consumer purchaser (‘‘Consumer’’) of this Fluidmaster product, that if, in normal use, it should prove defective due to defect in material or workmanship within 18 months from the date of purchase by the Consumer, Fluidmaster will repair or replace such defective product, free of charge. Consumer must retain the original sales receipt from the date of purchase to confirm the purchase date and establishment warranty period. This warranty is non-transferable and provides for replacement or repair by Fluidmaster at its discretion. This warranty shall not apply to, and does not cover, any product that is used in a commercial, rental or institutional setting, or for any product that has been damaged through misuse, abuse, failure to perform routine maintenance, or failure to follow installation instructions. Fluidmaster will not be responsible for any labor or other costs incurred in connection with the repair or replacement of any defective product under this warranty. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL FLUIDMASTER BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion 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.

**PLANET-FRIENDLY RECYCLING**

- Fluidmaster products are made from recyclable plastic.
- Fluidmaster product packaging is made from recyclable materials.
- Fluidmaster is proud to offer a free recycling program for Fluidmaster products and packaging. Visit our website to learn more.

**INSTALLATION INSTRUCTIONS**

**Preparing the Fill Valve for Installation**

- Before flush valve installation, ensure overflow pipe and water level of tank are correctly set.
- Position fill valve in tank, but do not fully install yet. Top of fill valve MUST be set 1" above overflow pipe. This will automatically place CRITICAL LEVEL MARK / C.L. MARK on fill valve for the best fit.
- Adjust height of fill valve by holding lower shank with right hand and top of valve with left hand. Twist the lower shank counter clockwise to increase valve height and clockwise to decrease valve height. You should be able to hear “clicks.” Place valve in tank and check height again. THE CRITICAL LEVEL MARK, identified by C.L. on valve, MUST be positioned 1" above top of overflow pipe. This is a requirement of the Universal Plumbing Code.

**Installing the Fill Valve with (continued)**

- **Positioning Overflow Pipe (A)** must be cut 1" below bottom of TANK LEVER HOLE (B). Remove tank to bowl gasket and flush valve bulb nut first. Insert flush valve into tank hole. Mark the flush valve into lowest bottom 1/2 turn of valve at specified height and cut overflow pipe at specified mark. **WATER LEVEL (C)** is set below top of overflow pipe (Fluidmaster recommends 1/2”).

**Checking Valve for Leaks**

- When it is necessary to remove fill valve, do not overtighten nuts or tank/bowl may crack. Always use quality parts.

**Correct set up of refill tube and refill clip to overflow pipe**

- Add one end of refill tube to refill clip. Place clip and refill tube to nipple on fill valve with a slight arch (See drawing to the right). Cut tube as necessary.

**Installing Flush Valve**

- **A.** Insert flush valve into tank hole. Position overflow pipe toward back of tank (Do not cover bolt holes of tank). **B.** Hold cup upside down over uncapped valve to prevent splashing. **C.** Grip and hold shaft under float with right hand. With left hand, twist cap clockwise by hand until tight. **D.** Place tank to bowl gasket on bottom of flush valve. Gasket should cover locknut. 

**Correcting ORDER OF HARDWARE PARTS**

- Fluidmaster Flush ‘n Sparkle Toilet Bowl Cleaning System and PROPERTY DAMAGE are not covered by this warranty.

**Preparing the Fill Valve for Installation**

- Place Shrink wrap on threaded shank of fill valve. Flat side up.

**Adjusting the PerfomRMAX™ High Performance Flapper**

- Turn the rubber portion up or right to select the best fit for your toilet. The higher the number set in front of the chain connection – the longer the flapper will stay open. Turn clockwise for greater flush volume. Turn counterclockwise for lower flush valve.

**Removing Tank Valve Cap Assembly, Flushing Out Debris, Replacing Seal, and Replacing Valve Cap Assembly**

- **IF FILL VALVE DOES NOT TURN ON, WILL NOT TURN OFF, OR WILL NOT REFILL THE TANK AFTER THE FLUSH**
  - Fluid valve does not turn on or off at the correct times. If valve body is in the middle of the up or down position, replace seal with a genuine Fluidmaster 242 seal (See “REPLACING SEAL”).
  - Fluid valve turns on and off by itself; OR IS RUNNING WHEN NO FLUSH HAS TAKEN PLACE
  - Fluid valve body is stuck. Get a wrench and restore flush valve. Install Fluidmaster GASKET, 3404C or 3404C-10.
  - Please ensure all valves were followed in “INSTALLING LEVER & FLAPPER CHAIN” section. Flapper needs to be clipped in to fall evenly on flush valve seat.
  - Flush valve body is stuck. Check float level and any other debris in the flush valve and reseat it. Turn off water at shut-off valve (in the wall) and turn the system off at the back of the toilet (a small round valve on the left side of the tank). If the valve is stuck, do not try to force it open. Use a wrench or pliers to turn the valve. Use only a genuine Fluidmaster 242 seal.

**Correcting SET OF HARDWARE PARTS**


- Please keep a copy of these instructions on the property in which the product was installed.