**FLUIDMASTER® S55C FILL VALVE REPAIR KIT WITH 502 PERFORMAX® HIGH PERFORMANCE FLAPPER & DRAIN SEAT INSTALLATION INSTRUCTIONS**

**LEADING-THE-YEAR EXPRESS WARRANTY**

**FLUIDMASTER INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING COSTS OF INSTALLATION, WATER/SOIL EXCESS OR FOR ANY DAMAGES RESULTING FROM ABUSE OR MISUSE OF THE PRODUCT, FROM OVERTIGHTENING OR FROM FAILURE DURING INSTALLATION OR REPAIR.** DO NOT USE IN-TANK DROP-IN TOILET BOWL CLEANERS CONTAINING BLEACH OR CHLORINE. FACE-TIME FLUSHING COULD CAUSE FLOODING OR PROPERTY DAMAGE. **PRODUCT LIABILITY**

**Preparation**

1. Remove tank lid. Use pencil to mark water level of tank.
2. Turn off water supply (Clockwise). Flush toilet and remove excess water from tank with sponge.
3. Disconnect flapper chain from tank lever arm & remove flapper from overflow pipe. See Step 2 for further details.

**Installation**

1. **Preparation**
   - Place the flush valve repair kit, with sealant paper attached, on your flush valve so the chain is closed to the tank lever.
   - Place the new drain seat & drain pipe by hand into the new hole of the tank lever. Use the center line of the new seat for positioning. Position hinge section of seat in “OK” zone above 3 o’clock, located in area marked “OK.”
   - Once the desired position has been determined, lift flange repair kit, peel back any large sections, and then place.

2. **Flush Valve Repair Kit Assembly Parts**
   - A. PortaMax™ High Performance Flapper
   - B. New Drain Seat
   - C. Pre-applied Sealant Ring

3. **Installation on a slanted or horizontal seat**
   - Place the flange repair kit, with a new SEALANT RING # 2602.
   - Install the new drain seat & drain pipe by hand into the new hole of the tank lever. Use the center line of the new seat for positioning. Position hinge section of seat in “OK” zone above 3 o’clock, located in area marked “OK.”
   - Once the desired position has been determined, lift flange repair kit, peel back any large sections, and then place.

4. **Connecting the Chain from Flapper to Tank Lever**
   - With flapper in closed position and toilet tank lever in down position:
     - Connect chain clips to the hole of tank lever directly above where chain connects to flapper. Leave about 1/2” of slack in the chain.

5. **Turn On Water Supply**
   - Inspect water supply connector. Replace if it is warm or over 5 years old to help prevent flooding and property damage. (Fluidmaster Click Seat® connector is recommended for a perfect seal every time without overtightening.)
   - Slowly turn on water supply and check for leaks. If you find leaking at bottom of tank, turn off by hand just enough to stop leaking. Recheck water pressure to check.

6. **Set to Optimize the PerformAX™ High Performance Flapper**
   - The default setting for the PerformAX™ flapper is preset at [B] for larger tanks.
   - Start with the dial in the default setting and flush your toilet.
   - If your toilet is able to flush, adjust the dial down to the next setting, number [B] and flush again.
   - Continue to adjust dial down one setting until your toilet is unable to flush properly. When the flapper dial is on a setting that does not allow for a proper flush, adjust the dial back up one setting.

7. **Code Compliance**
   - Once fill valve is installed, ensure overflow pipe and water level of tank are correctly set.
   - 1. THE TOP OF OVERFLOW PIPE (A) must be minimum of 1” below TANK LEVER HOE (B).
   - 2. WATER LEVEL (C) is set below top of overflow pipe (Fluidmaster recommends Level A). Note: The critical level mark (C.L. Mark) identified by C.L. on fill valve must be positioned 1” above top of overflow pipe. This is a requirement of the Universal Plumbing Code.

**Troubleshooting**

- **When Toilets Are Not Flushes the Sealant Rings Separates from the seat**
- **When Toilets Are Flushed**
- **When Toilets Are Not Flushes the Sealant Rings Separates from the seat**
- The surface is either too clean or wet. Purchase a new SEALANT RING #2602.
- The replacement flapper for this kit is the 502 PortaMax™ High Performance Flapper available at local hardware stores.

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