With water turned on, set float cup to

1. TOP OF OVERFLOW PIPE (A) MUST be cut 1" below bottom of TANK LEVER HOLE (B). Remove tank to bowl gasket and flush valve. Place tank bolt at specified height and fill valve. Hand tighten and then use adjustable pliers to go turn beyond hand height. Do not overtighten.

2. TANK LEVEL (C) is set below top of overflow pipe (fluidmaster recommends 1 1/2").

Code Compliance helps protect your home & drinking water supply.

Preparing the Fill Valve for Installation

Before flush valve installation, ensure overflow pipe and water level of tank are currently set. Complete.

- Position fill valve in tank, but do not fully install. Top of fill VALVE MUST be set 1/2" above overflow pipe. This will automatically place CRITICAL LEVEL MARK / C.L. MARK above the top of overflow pipe. Remove fill valve from tank to adjust height.

3. Installing Flush Valve

A. Insert flush valve into tank hole. Position overflow pipe toward back of tank (2) DO NOT COVER BOLT HOLES.

B. Hold flush valve in place, thread large washer onto ends of flush valve shank counter clockwise to increase valve height and clockwise to decrease valve height. You should hear a "click". Place valve in tank and check height again. THE CRITICAL LEVEL MARK is identified by C.L. MARK. MUST be positioned 1" above top of overflow pipe. This is a requirement of the Universal Plumbing Code.

C. Place tank to bowl gasket on bottom of flush valve. Gasket should cover locknut. Note: If you have a Gerber or Kohler two piece toilet, it is recommended you use a different tank to bowl gasket. Gerber: Use an extra thick Gerber gasket. Kohler: Use a tri-angle Kohler gasket. (Both Gerber and Kohler gaskets not included).

4. Installing New Fill Valve

Place fill valve into tank hole. Make sure drill will sit on top of tank without touching valve. Align fill valve nipple to face of tank center. Press down on shanks from inside tank while tightening locknut. Hand-tighten only. DO NOT OVER TIGHTEN. Over tightening can cause water the overflow pipe. Flooding. Make sure the flush cup does not touch the inside of the tank during installation of the fill valve.

Attach one end of refill tube to refill clip. Place clip on right side of overflow pipe. Attach other end of refill tube to refill clamp with a slight arch. (See drawing to the right). Cut tube as necessary. Do not choke refill tube down overflow pipe. Fill may cause significant water waste.

5. Installing New Fill Valve

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

6. Installing Lever & Flapper Clamp

If the removed tank lever is bent (see picture) proceed to next step. If the removed tank lever is not bent, skip to step 7.

7. Installing Lever & Flapper Clamp

A. The new lever will need to be bent like the lever that was just removed. To bend, hold & bend about 2 1/2 inches after 90 degree elbow. Do not bend arm up back to back and forth repeatedly.

B. Measure existing lever arm length. If necessary, trim new arm of the cut (the flat metal section) of the length of the old arm (hardcore recommended for best results). Push lever through tank lever hole. (If necessary, trim arm length to the side of you not installing tank lever arm.

C. Tighten locknut in directing shown (clockwise). Do Not Over Tighten. Locknut is a metal thread. Attach the clip of the chain to the tank lever directly above the flapper. Leave 1/8 inch slack in the chain.

Adjusting the PerforMAX™ High Performance Flapper

Turn the rubber portion left or right to select the best flush for your toilet. The higher the number the greater the flow rate. The lower the number the slower the flow rate.

Removing Valve Cap Assembly, Flushing Out Debris, Replacing Seal, & Replacing Valve Cap Assembly

- Flush tank flush with water and flush. Flush flush with high water content and seated seat. Please ensure all steps were followed. If "INFILLING FLUSH VALVE" section. Tank to bowl mouth needs to be fully seated. Gerber: Use an extra thick Gerber gasket. Kohler: Use a tri-angle Kohler gasket. Filler gasket and filler gasket are not included.

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