IF FILL VALVE DOES NOT TURN ON, WILL NOT TURN OFF, OR WILL NOT REFILL THE TANK AFTER THE FLUSH:

- Remove top cup and check for debris. If you find debris, or hose is weak: inspect lower section of fill valve for partial blockage. Partial blockage may be at shut off valve or in water supply line (See “REMOVING THE VALVE CAP ASSEMBLY & FLUSHING OUT DEBRIS”).
- If fill valve has been in use for some time and/or float cup does not drop when flushing tank, replace seal with a genuine Fluidmaster 242 seal (See “IF REPLACING SEAL”).

IF FILL VOLUME TURNS ON AND OFF BY ITSELF:

- This indicates the tank is leaking water. The fill valve is rewiring lost water. Clean flapper and drain seat. If tank continues change flush valve. Install Fluidmaster 540AR Kit.

IF WATER LEVEL IN BOWL IS TOO LOW:

- Make sure the refill tube is supplying water down overflow pipe.
- Water level in tank may be too low. Raise water level to 1/2 below top of overflow pipe (See Step 7). You may have to lengthen the fill valve in order to increase the water level in tank (See Step 3).
- Rapper may be closing too soon. Give flapper chain approximately 1/2 inch slack (See Step 5).

Tools

- Scotch wrench
- Spud wrench
- Screwdriver
- Scissors
- Sponge

Do not use in tank drop-in toilet bowl cleaners containing bleach or chlorine. Use a toilet bowl cleaner according to manufacturer’s instructions and do not use any new toilet bowl cleaners when repairing or replacing. Fluidmaster is not responsible for any damage due to use of any new toilet bowl cleaner.

Parting in this kit:

1. PerformAX® Fill Valve
2. Shank Washer
3. Locknut
4. Refill Tube
5. Refill Clip
6. Roller Clamp
7. Hose Clamps
8. 3” Water-Saving Adjustable Flapper

Preparation

- Attach water supply coupling nut to fill valve — Turn clockwise by hand until tight.
- Turn water on.
- Turn water level adjustment screw to set float cup to desired height. If water level in bowl is too low:
- Decrease height — twist lower shank clockwise.
- Increase height — twist lower shank counter clockwise.
- DO NOT MOVE LOCK RING.
- If Necessary - Fill Valve Height Adjustment:
- Mark water level with pencil and flush tank. If the water refills above line, turn water level adjustment screw to set float cup to desired height. If water level in bowl is too high:
- Decrease height — twist lower shank counter clockwise.
- Increase height — twist lower shank clockwise.
- DO NOT MOVE LOCK RING.
- Place clip on right side of overflow pipe.
- Attach other end of tube to nipple on fill valve – Cut tube as necessary with scissors.
- Squeeze tube clamps and slide to ends of tube and release.
- Align fill valve nipple to face overflow pipe.
- Press down on shank from inside while tightening locknut. Fluidmaster does not recommend use of such products when repairing or replacing. Fluidmaster is not responsible for any damage due to use of any new toilet bowl cleaner.

Installing New Fill Valve

1. Place fill valve in tank.
2. Align fill valve nipple to face overflow pipe.
3. Press down on shank from inside while tightening locknut.
4. Hand-tighten only — DO NOT OVERTIGHTEN!
5. A. Check that fill tube is supplying water down overflow pipe.
6. B. Attach one end of refill tube to refill cup (a). Place clip on right side of overflow pipe.
7. C. Attach other end of tube to nipple on fill valve – Cut tube as necessary with scissors.
8. D. Squeeze tube clamps and slide to ends of tube and release.

WATER-SAVING FEATURES:

- BA: Roller Clamp
- More Water Flushed
- Less Water Flushed
- Flushing Out Debris
- Replacing Seal & Replacing Valve Cap

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

- Fill off water supply. Flat head Twist counter clock wise to remove cap and disconnect from rod.

WATER-SAVING ADJUSTABLE FLAPPER

- A. Snap arms onto flush valve mounting ears (For wide flush valves, push arms in to set “8” on flapper).
- B. Attach chain onto tank lever arm. There should be a 1/2" slack when the flapper is closed.

Installing New Universal Water-Saving Adjustable Flapper

- A. Snap arms onto flush valve mounting ears (For wide flush valves, push arms in to set “8” on flapper).
- B. Attach chain onto tank lever arm. There should be a 1/2" slack when the flapper is closed.

Attach Water Supply Connector

- A. Attach water supply coupling nut to fill valve - Turn clockwise by hand until tight.
- B. Turn water on.
- C. Turning adjustment screw clockwise raises water level.
- D. Turning adjustment screw counter clockwise lowers water level.
- E. Flush toilet to check new level.
- F. Tightening adjustment Screw 1 complete turn moves float by 1/2."