

# QUICK START Dual Flush Kit and Fill Valve Instructions — Thank You for choosing Water Saver Products !!!

To conserve paper and for those who do not have fast internet access, we are including this general instruction sheet which covers the basic installation procedure for this kit. For **Detailed Instructions, Pictures and Videos** online, please visit our website at <http://www.water-saver.org> or email your questions to [support@water-saver.org](mailto:support@water-saver.org).

## PART ONE: TANK PREPARATION . . . How to drain the water and ready for installation on a standard ONE-PIECE toilet

Place towels underneath the tank on both sides to catch any water that drips down during parts removal. Shut off and then disconnect the water supply to the tank fill valve if it is being replaced. Otherwise, leave the water supply connection in place. Flush the toilet and hold the handle down to allow as much water to drain out as possible. Now use a sponge to soak up the remaining water until the tank is completely empty. Remove the existing flapper or column valve from inside the tank. These are usually held in place by a T Flange as shown in Part Two Step 2. Then remove the nuts from the fill valve (if replacing) and flush handle or push button mechanism. Save ALL parts for now in case any need to be reused. Clean the tank thoroughly to ready for the new parts.

## PART TWO: DUAL FLUSH VALVE INSTALLATION . . . How to install the dual flush valve in the toilet tank

**STEP 1**

FLUSH VALVE  
VALVE BASE

**STEP 2**

TANK DRAIN  
T FLANGE

**STEP 3**

FILL TUBE  
GASKET

**STEP 4**

**STEP 5**

Separate the dual flush valve from its base by rotating the flush valve until its retaining tabs align and it pulls free.

Loosen the T Flange and angle the valve base enough to slide the T Flange into place underneath the drain.

Center the valve base gasket in the tank drain and rotate the base until the fill tube is at about the 2 o'clock position.

Now tighten the T Flange retaining screw from above until the gasket just starts to bulge. **DO NOT OVERTIGHTEN!**

### PLEASE NOTE

After **PART THREE**, skip to **PART FIVE** if NOT installing the FillerSaver tank fill valve. Otherwise continue to **PART FOUR** and if more detail is required, refer to the **DETAILED** FillerSaver instruction page.



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## PART THREE: FLUSH HANDLE INSTALLATION

HALF  
FULL

The flush handle can be oriented for either traditional up/down or left/right flushes as preferred.

**STEP 1**  
**STEP 2**  
**STEP 3**

- 1) Unscrew the nut from the flush handle assembly.
- 2) Insert the handle shaft through the tank such that the handle is in the desired orientation, then reinstall and snug down the nut.
- 3) Attach the cable box by pressing the blue release button and aligning it to the flush handle shaft.

## PART FOUR: FILL VALVE INSTALLATION . . . How to install the fill valve in the toilet tank

**STEP 1**

RED LOCK TAB  
TWIST

**STEP 2**

WATER LINE  
BLUE BOWL  
BOWL  
SEAL

**STEP 3**

BOWL FILL VALVE  
FILL TUBE  
LOCK COLLAR

Snap the red lock-tab DOWN, twist and extend the fill valve base until the top of the blue bowl aligns with the factory water line in the tank..Twist back and lock-tab UP.  
 <<< NOTE SEDIMENT FILTER INSIDE

Position the fill valve with the bowl at about the 4 o'clock position or best angle for fit. Thread the washer and nut back on, press down on the valve and hand tighten the nut.

Unlock the fill tube collar and extend to about 1" above the water line. Remove the bowl valve from its tubing, then work the tubing through a fill tube side hole a couple of inches. Reattach the bowl valve and then work the tubing back out and the valve down inside the fill tube for a nice snug fit. Relock the collar.

### INSTALL TIPS

- 1) **WATCH FOR LEAKS** . . . hand tightening is usually enough, but use a pliers if required. **DO NOT OVERTIGHTEN** as that can also cause leaks or breakage.
- 2) **CHECK THE CABLE** . . . the most common cause of flush problems is the cable not being routed loosely enough. Reposition the flush valve and/or cable box orientation to ensure that the cable has a nice wide bend over to the flush handle or push button mechanism.
- 3) **ADJUST AS REQUIRED** . . . the factory water line is just for reference. Raise or lower the water level and change the flush settings until both flushes work as desired. Most toilet flapper valves use much more water than required.
- 4) **CHECK THE FILTER** . . . if the filling time begins to increase over time, check the fill valve filter (Part Four).
- 5) **DON'T PANIC !!!** . . . these kits work extremely well in most standard toilets and we can help figure out any problems. See the help and contact info above.

## PUSH BUTTON INSTALLATION TANK MOUNT

**STEP 1**  
**STEP 2**  
**STEP 3**

- 1) Unscrew nut. 2) Insert the shaft through the tank or lid as shown, then screw on nut. 3) Attach cable box by pressing the green button and aligning it to the shaft.

## PART FIVE: FINAL ADJUSTMENTS . . . How to set up everything up for the first flush

**HALF FLUSH**

LESS  
MORE

Start with the half flush slide adjustment (BLUE) all the way UP for the least water.

**FULL FLUSH**

LESS  
MORE

Start with the full flush slide adjustment (RED) at about the HALF WAY point.

**FIRST TANK FILL**

THUMB SCREW

Reconnect the water line to the fill valve and turn the water on just enough to slowly fill the tank. Watch for any leaks and as the tank fills, it may settle, so snug up the tank bolts again as required. Fine tune the fill valve thumb screw to adjust the fill level to the water line.

### FIRST FLUSH !!!

Try a few half flushes first and increase the half flush setting and the bowl fill valve until the flush volume and bowl refill are satisfactory with the least amount of water used. Then try a few full flushes and adjust the full flush setting until satisfactory. Note that the full flush can usually be set to reduce water use as well. **HAPPY FLUSHING!**

## LID MOUNT

**STEP 1**  
**STEP 2**  
**STEP 3**