

## Adjustable Tank Fill Valve Installation Instructions

Shut off and disconnect water line from toilet before proceeding!

### REPLACING THE VALVE

1. Remove the old fill valve from the toilet tank
2. Remove the supply line nut, retainer nut and washer (A) from the fill valve stem. Note: In most case you will not use the supply line nut. It is only supplied in case you have an older tube style supply line without an end fitting.
3. While holding the lower portion of the fill valve, twist the upper portion of the fill valve counter clockwise ¼ turn and raise the fill valve to the desired height. Then turn clockwise to re lock it.
4. Test the height by placing the fill valve in position and looking to see if the top of the bowl (C) is level with the old water mark.
5. Insert the valve into the tank, install the nut and washer (A), and hand tighten securely.
6. Reinstall the water line to the valve. **Don't turn the water on yet!**
7. Insert the hose end of the bowl fill valve (B) over the hole (D) in the upper portion of the fill valve.
8. Insert the Adjustable Bowl Fill Valve (B) onto the overflow tube on the flush valve



For more information and Technical help go to [www.water-saver.org](http://www.water-saver.org)



### ADJUSTING THE FILL VALVE

1. Turn on the water to fill the tank.
2. The valve should be at the approximate height from #4 in REPLACING THE VALVE section.
3. Using your thumb or a screwdriver, adjust the float height to the exact required position for your tank and flush valve. The screw will click solidly with each turn. This is a normal sound and part of the locking mechanism in the adjustment screw. You may have to drain a bit of the water from the tank for the valve to activate while you are adjusting it.

### ADJUSTING THE BOWL FILL VALVE

The average toilet fills the bowl when the tank is about 1/3 full. The rest of the water is wasted down the drain.

1. With the tank full, take note of the level of water in the bowl. Make a mark with a pencil or pen at the water line.
2. With the Bowl Fill Valve (B) open, flush the toilet using a full flush and watch to see how long it takes for the bowl to fill to the mark. If it coincides with the filling of the tank then no reduction in flow is necessary. If the bowl fills before the tank fills, reduce the flow of water by turning the thumb screw. In some installations where there is high water pressure, spattering of water may occur from the end of the valve. If this occurs, place a short 1" piece of tubing on the end of the bowl fill valve to eliminate the problem.
3. If you are installing this valve with our dual flush kit, repeat this process with the half flush. This is where it can get tricky. There is less water going into the bowl from the half flush than the full flush. So if you allow the bowl to completely fill on the half flush then you will be wasting water on the full flush. A simple remedy is to adjust the flow on the half flush so that the water level is about 1" below the mark you made in the bowl. This way you may waste a little water on the full flush, but not very much. Don't set it so that the water level is so low that sewer gases can come up from the built in trap on the toilet. The water in the bowl keeps that from happening.



The biggest cause of fill valve failure and leakage is particles of rust and sand that get caught in the valve mechanism. Our Better Fill Model BF- LABA206B has a stainless steel filter to catch and particles that may be in the line. So you can just clean a filter instead of buying a new fill valve