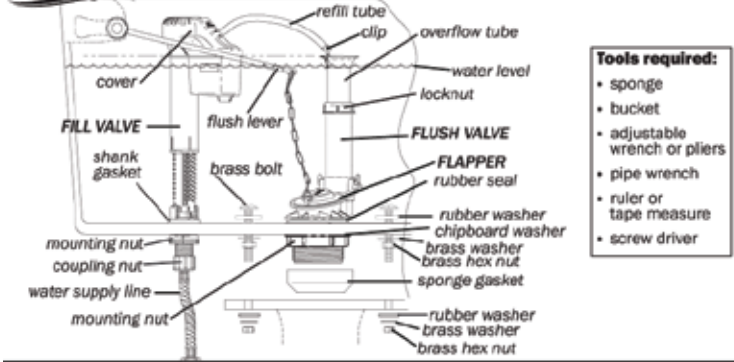


Product Name: KOR KY Universal Toilet Repair Kit  
 Product #: 10133

## KOR KY QuietFILL™ Complete Kit (4010) Instructions



**Tools required:**

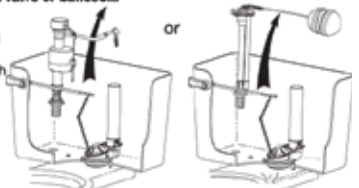
- sponge
- bucket
- adjustable wrench or pliers
- pipe wrench
- ruler or tape measure
- screw driver

**1. Shut off water supply.**  
 Flush toilet and sponge remaining water from tank.



**2. Remove old fill valve or ballcock.**

Disconnect water supply line under tank. Remove and discard old refill tube. Using wrench or pliers remove and discard old valve & mounting nut.



**3. Unbolt tank from bowl.**

Remove nuts, washers & bolts. Lift off tank from bowl. Discard old parts.



**4. Remove old flush valve & flapper.**

Remove old tank-to-bowl sponge gasket. Using a large wrench, remove and discard old flush valve, flapper & mounting nut.



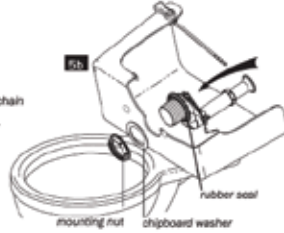
**5. Install new flush valve as shown.**

Don't forget to install flat chipboard washer against underside of tank (This will reduce friction, making it easier to tighten plastic mounting nut by hand) (5b). Hand tighten mounting nut plus 1/4 turn max. Do not overtighten or tank may crack. Flush valve should be positioned directly beneath the flush lever hole the flapper chain will be attached to. (picture 5a)

**5a. Correct Position**

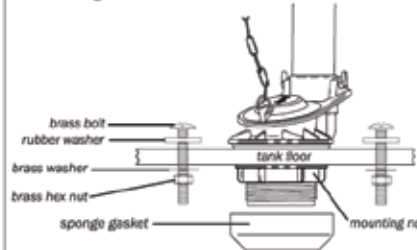


**5b. Incorrect Position**



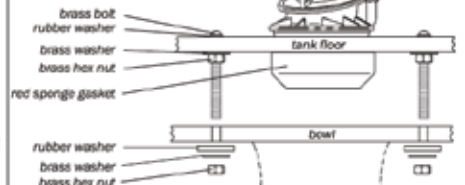
**6. Assemble bolts and washers to tank as shown.**

Use either 2 or 3 bolts as needed. (Do not overtighten.) Push new red sponge gasket over flush valve threads and mounting nut.



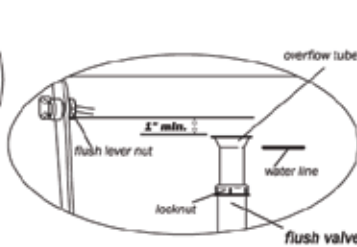
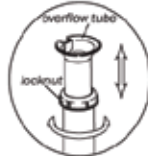
**7. Reassemble tank to bowl.**

Ensure red sponge gasket is properly positioned on flush valve. Position tank on top of bowl and assemble rubber washer, brass washer, and brass hex nut on each bolt as shown. Alternate hand tightening of hex nuts to ensure tank stays level. Initially, the tank will be wobbly and will "float" above the bowl. Tank will become stable as hex nuts are tightened and gasket is compressed. Do not overtighten.



**8. Adjust height of flush valve.**

Loosen locknut and extend overflow tube to proper height. Hand-tighten locknut. Top of flush valve should be no more than 3/4" above water line marked in tank. Verify top of flush valve is at least 1" below bottom of flush lever nut.

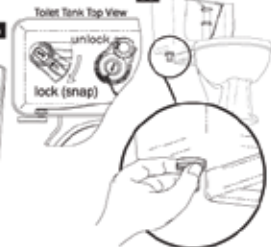
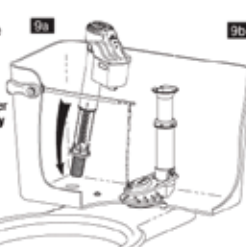


Caution: If the top of the overflow tube in your toilet is higher than the flush lever opening, water could leak out.

**9. Install new fill valve.**

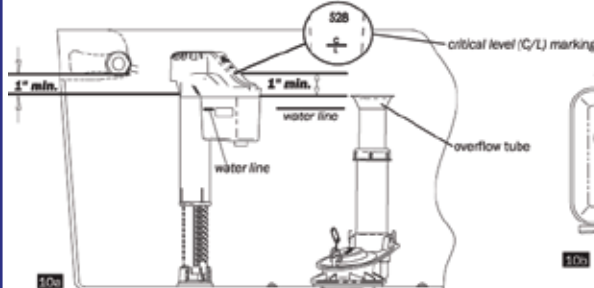
Slide threaded valve shaft through hole in tank (picture 9a). Be sure to install valve in the locked position at the angle shown in picture 9b. Thread supplied mounting nut onto exposed shaft under tank and hand tighten only as shown in picture 9c. (Do not overtighten to prevent overstressing the valve)

**Note: Use the supplied mounting nut only.**



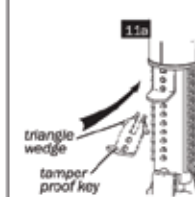
**10. Adjust fill valve height.**

To adjust, simply turn upper half of valve counter-clockwise to unlock, pull up until water line on valve is level with water line marked in tank (picture 10a). Then turn clockwise until valve snaps into locked position (picture 10b). Verify C/L line (critical level) on white cover is at least 1" above top of overflow tube. This is a plumbing code requirement.



**11. Install tamper proof key.**

Supplied tamper proof key prevents further adjustment once valve snaps into locked position (picture 11a). Note: When key is properly installed, triangular wedge is not visible and is completely inserted beneath the valve shaft.



**12. Attach refill tube and flapper chain.**

Attach refill tube to fill valve and clip other end to flush valve overflow tube as shown. Attach flapper chain to lever. The chain should have minimal slack and attached to the flush lever hole directly above flapper.

