Installing New Fill Valve

1. Place fill valve in tank. Make sure lid will sit on top of tank without touching valve. Align fill valve nipple to face center of tank. Press down on shank from inside tank while tightening locknut.

2. Hand-tighten only. DO NOT OVER TIGHTEN. Over tightening may crack the fill valve or tank causing flooding. Make sure the fill cup does not touch the tank wall or tank lever and flush valve.

3. Attach one end of tube to refill clip. Place clip on right side of overflow pipe. Attach other end of tube to nipple on fill valve with a slight arch (see drawing to the right). Cut tube as necessary.

4. Do not move lock-ring. This holds the valve body and Shank washer together under pressure. Do not interfere change body with old shank as leaking can occur.

5. Turn on water and allow tank to fill up. Simulate a leak by turning the roller clamp to a higher number. Repeat until water stops filling. This will continue to occur until the tank leak is fixed.

6. Lift tank lever all the way up inside tank and hold it there. Pull leak guard chain until it lifts the float cup all the way up. Connect tank chain & clip with no slack in chain or clip. NOTE: Do not cross Leak Guard chain and flapper chain. If lever has only one hole, then attach to same hole.

7. Testing Leak Guard

8. Turn on water. Lift fill valve Shutoff Clip and stop. Simulate a leak by slightly lifting flapper chain only to allow 3” or 4” of water to slowly drain from tank. Tank valve should not turn on. But remain locked and stay off. If test fails, go to Troubleshooting section. Make sure chain is free, not tangled or caught.

9. Troubleshooting

10. If refill valve does not turn on, will not turn off, or will not refill the tank after the flush

11. Water-Saving Feature: Roller Clamp

12. Rollers are designed to be universally adjustable to fit any tank and any flapper. Rollers may be adjusted to increase or decrease the amount of water released from the tank. Rollers are designed to be adjusted by sliding them up or down the chain. Rollers may be adjusted to fit any tank and any flapper. Rollers are designed to be adjusted by sliding them up or down the chain.