**PART ONE: TANK REMOVAL . . . How to remove the tank from the bowl on a standard two-piece toilet**

Place towels underneath the tank on both sides to catch any water that drips down during removal. Shut off and then disconnect the water supply to the toilet. 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 tank retaining nuts on the underside of the toilet. Depending on how long the nuts have been in place, they may be corroded and difficult to remove, so if necessary, slip a hacksaw blade in between the tank and bowl to cut the bolts. Once the tank is removed, pull off the rubber donut seal from the flapper valve flange to expose the large nut securing it to the tank. Push down on the flapper valve from inside the tank and the large nut make break loose by hand. If not, use a large pair of adjustable pliers or cut it in one spot to split it open if necessary. Similarly, remove the nuts from the fill valve and flush handle. 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**

1. **STEP 1**
   - **FLUSH VALVE**
   - **VALVE BASE**
   - **GASKET**
   - **VALVE BASE**
   - **WASHER**
   - **NUT**
   - **HOLD**
   - **TWIST**
   - **GRAPE BOWL**
   - **SEAL**
   - **STEP 3**
   - **BOWL FILL VALVE**
   - **LOCK COLLAR**
   - **HALF**
   - **FULL**
   - **HALF**
   - **FULL**

   **INSTALL TIPS:**
   - **1) WATCH FOR LEAKS . . .** hand tightening is usually enough, but use a pliers if required. **DO NOT OVER-TIGHTEN** 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 flap 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.

   **INSTALL NOTES:**
   - **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 button release and aligning it to the flush handle shaft.

**PART THREE: FLUSH HANDLE INSTALLATION**

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

1. **STEP 1**
   - **WATER LINE**
   - **HALF FLUSH**
   - **FULL FLUSH**
   - **LESS**
   - **MORE**
   - **LESS**
   - **MORE**
   - **STEP 2**
   - **BOWL**
   - **STEP 3**
   - **BOWL FILL VALVE**
   - **LOCK COLLAR**
   - **HALF**
   - **FULL**
   - **HALF**
   - **FULL**

   **INSTALL TIPS:**
   - **1) WATCH FOR LEAKS . . .** hand tightening is usually enough, but use a pliers if required. **DO NOT OVER-TIGHTEN** 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 flap 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.

**INSTALL NOTES:**

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

1. **FIRST TANK FILL**
   - **THUMB SCREW**
   - **HALF FLUSH**
   - **FULL FLUSH**
   - **LESS**
   - **MORE**
   - **LESS**
   - **MORE**

   **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 at well. HAPPY FLUSHING!