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

Separate the dual flush valve from its base by rotating the flush valve until its retaining tabs align and it pulls free. Remove the large nut and washer from the base, but leave the rubber gasket in place. Install the flush base into the tank with the fill tube at about the 2 o’clock position. Thread the washer and nut back on, press down on the base and hand tighten the nut.

Reconnect the flush valve back into the base by aligning its retaining tabs. Then rotate the flush valve to lock and position it such that the cable has a nice wide bend over to the flush handle or push button mechanism.

Reinstall the tank, insert the tank bolts with seals and while pressing down on each in turn, hand tighten them snugly from below.

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

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

Start with the half flush slide adjustment (BLUE) to allow the water way for the least water.

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.

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!