

Replace Toilet Tank Parts

- ❖ All of the parts inside your toilet are used many times a day, and are constantly under water.
- ❖ This causes a lot of damage on these parts, but thankfully enough they're very easy to replace.
- ❖ There are three major parts in the tank.

- ❖ The Handle
- ❖ The Flush Valve
- ❖ And the Ballcock

Replacing the handle:

Handles need to be changed once in a while because they can crack or break. Sometimes when redecorating you may simply decide to replace the toilet handle with a brass one to match with your new brass faucet.

Checklist:

- Adjustable wrench
- Handle with hand lever

How to replace the handle:

1. First, remove the handle.

Take off the old handle by turning the mounting nut clockwise.

2. Attach new handle.

Put your new handle through the handle hole on the tank. Inside the tank, attach the new handle lever (or reuse the old one) to the handle. Tighten the mounting nut using your wrench by going counterclockwise. And viola, you're done.

Replacing the flush valve:

Checklist:

- Sponges
- Flat head screwdriver
- Adjustable wrench
- Spud wrench or channel-type pliers
- Flush valve
- Rubber flapper
- Lift chain

How to replace the flush valve:

One: First, empty the tank.

- Shut off the water by turning the knob at the bottom left of the toilet. This is known as the *angle stop*.
- Flush the toilet to get rid of all of the water in the tank.

- Soak up the remaining water with your sponge
 - A manual siphon pump can be purchased for about \$4 and can easily remove water from the tank.

Two: Remove supply tube.

- Using the wrench, disconnect the tube that runs from the tank to the angle stop. This is called the *supply tube*.

Three: Remove the tank.

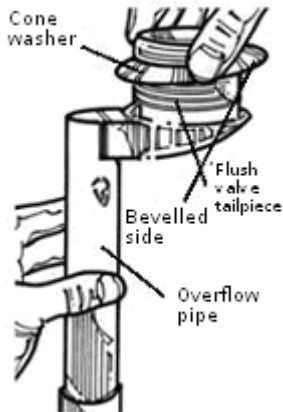
- Unbolt the tank from the bowl. It may be stuck on, so grab the bolt with the wrench and unscrew the bolt using the screwdriver.
- Lift the tank off of the bowl, and turn it over.

Four: Take out the old flush valve.

- Take the spud washer off the pipe that sticks out of the bottom on the tank.
- Use your spud wrench or the channel-type pliers to unscrew the spud nut.
- Remove the flush valve.

Five: Replace the old flush valve.

- Refer to the picture below.
- Put the cone washer over the tailpiece so the beveled edge of the washer faces up, toward the pipe.
- Turn the tank right side up.
- Put the flush valve in the hole in the tank so that the little tailpiece sticks out of the bottom.
- Position the valve so that the overflow pipe is next to the ballcock



Six: Install spud nut.

- Turn the tank over, and using the spud wrench or channel-type pliers tighten the spud nut onto the tailpiece.
- Put the spud washer over the spud nut, and turn the tank right side up.

Seven: Reattach tank.

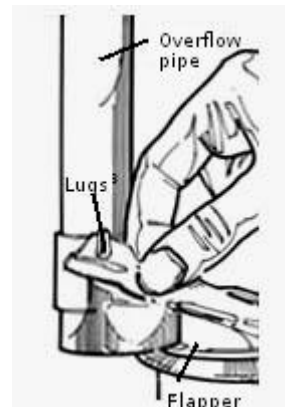
- Place the tank on the bowl. Make sure the spud washer goes through the hole in the bowl.
- Bolt the tank to the bowl using the wrench and screwdriver.



Do not over tighten the bolts. It can break the porcelain. The bolts should be just snug to the toilet.

Eight: Put in flapper.

- Attach the flapper to the overflow pipe in the bowl. It attaches to little lugs as seen in the picture below.
- Attach the lever chain from the flapper to the handle lever, making sure the chain is tight.

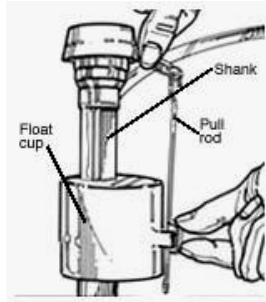


Nine: Attach supply tube.

- If there are no more necessary repairs, you can now reattach the supply tube to the tank and turn the water back on.

Replace Float-Cup Ballcock

The ballcock can come in a couple of different styles. The newest type, used to replace the older float-arm ball type, is the float-cup ballcock. This is more water efficient, and is made of plastic so it doesn't need to be replaced as often. The float ball-arm is made out of brass, which is known to warp, which, in turn, affects the water level. The proceeding instructions are for the float cup ballcock because it is simply the better alternative



Checklist

- Sponges
- Adjustable wrench
- Ballcock

How to replace the float-cup ballcock:

One: Empty the tank.

- Shut off the water by turning the knob at the bottom left of the toilet. This is known as the *angle stop*.
- Flush the toilet to get rid of the water in the tank.
- Soak up the remaining water with a sponge.

Two: Undo supply tube and remove ballcock.

- Using the wrench, disconnect the tube that runs from the tank to the angle stop. This is called the *supply tube*.
- Take off the mounting nut, and remove the ballcock.

Three: Install a new ballcock.

- Place the new ballcock through the hole in the tank.
- Adjust as needed so that the lid fits on the toilet.
- Bend the refill tube so the tip fits into the overflow tube on the flush valve.

Four: Reattach supply line.

- Attach the coupling nut on the underside of the tank.
- If there are no more necessary repairs, you can now reattach the supply tube to the tank.

Five: Open angle stop.

- Turn the water back on at the angle stop.

Six: Correct the water level.

- Fix the water level so that it is ½-inch below the top of the overflow tube.
- Adjust the ballcock by pinching the spring clip, moving the float cup up and down.
- Moving the float up raises the water level, and moving the float cup down lowers the water level.

For this information and more refer to www.truevalue.com