



HIGH TANK PULL CHAIN WATER CLOSET

INSTALLATION INSTRUCTIONS

Before installing, read entire High Tank Pull Chain Water Closet Installation Instructions. Observe all local building and safety codes.

Unpack and inspect the product for any shipping damages. If you find damages, do not install. Contact Customer Service at 1.866.855.2284. If you need assistance or have questions while installing your water closet, contact Customer Service.

Do not install if you are unfamiliar with installing bathroom fixtures. Signature Hardware accepts no liability for any damage to the floor, walls, plumbing or for personal injury during installation.

TOOLS AND MATERIALS:

Hacksaw
Drill
Wooden Shim

Phillips Screwdriver
Adjustable Wrench
Pencil

Level
Mounting Hardware
Tubing Cutter

IMPORTANT

The water closet tank should be anchored to two wall studs. If the studs in the bathroom do not line up to the mounting location for the water closet tank, wood blocking can be installed between the studs using standard 2 x 4's. Wood blocking needs to be installed behind the finished wall; we recommend consulting a professional if you are unfamiliar with this type of installation.

Because wall construction and materials vary from home to home, Signature Hardware does not provide mounting hardware for our high tank water closets. The appropriate mounting hardware can be purchased from your local hardware store.

For the following installation instructions for your new water closet it is assumed that any old fixtures have been removed and any repairs to the water supply and/or toilet flange have been completed.

STANDARD BOWL INSTALLATION

1. To install the toilet bowl, press the new wax ring into place on the toilet flange on the floor with the flat side down and the tapered edge up. Apply enough pressure to hold the ring in place during installation, but be careful not to press it out of shape.
2. Install the anchor bolts through the toilet flange. The anchor bolts should be pointing upwards so that when the toilet is placed the bolts will project through the mounting holes on the base of the toilet.
3. When the wax ring and bolts are attached, lift the toilet and align the mounting holes with the anchor bolts on the floor for proper placement. Set the toilet down on the floor and press in place to form a tight seal with the wax ring. Do not move the toilet after placement; this could break the watertight seal and cause leakage.
4. Thread the washers and nuts onto the anchor bolts. Before tightening washers and nuts, verify that your toilet is level. If the toilet is not level, place a shim under the base of the toilet and adjust as necessary.



5. When the toilet is properly aligned, finish tightening the washers and nuts onto the anchor bolts with an adjustable wrench. Do this gradually, alternating from one bolt to the other until both are tight. Be sure not to over tighten, as this could cause cracks and damage the base of the toilet.
6. Place the bolt caps over the anchor bolts on the base of the toilet. If the anchor bolts extend too far over the top of the washers and nuts, use a hacksaw to trim to the correct length.
7. Proceed to the Trim Kit and Tank Installation section.

REAR OUTLET BOWL INSTALLATION

1. Before installation, place the toilet in the location where it will be installed.
2. Measure the distance from the back of the waste outlet on the toilet to the wall hub fitting to determine the length of the p-trap connector. The connector should extend approximately 1-1/2" into the hub fitting.
3. Trim the p-trap adapter with a hacksaw to the appropriate length as necessary.
4. Mark the location of the pre-drilled mounting holes using the holes in the base of the toilet as a template.
5. Remove the toilet from the work area and drill mounting holes in the locations designated in the previous step.
6. Apply PVC or ABS glue around the p-trap connector and place inside the hub fitting.
7. Slide the toilet into place and press the waste outlet into the p-trap connector.
8. Once the toilet is securely in place, insert anchor bolts and washers through the mounting holes in the base of the toilet and tighten into the pre-drilled holes created in step 6.
9. Place caps over the anchor bolts on the base of the toilet.
10. Connect the water supply tubes at the bottom of the tank. Turn on the water supply and flush the toilet several times to check for any leaks around the back or base.
11. Attach the toilet seat.
12. Finish your installation by applying latex caulk or tile grout around the base of the toilet. This will finish the joint between your floor and toilet bowl and divert water away from the base of the toilet.



TRIM KIT AND TANK INSTALLATION

1. Because the trim kit arrives assembled, it is necessary to remove the wing nuts and metal washers from the bolts on the bottom of the kit (**A2**). Insert the bolts through the holes in the back of the toilet bowl to fasten the trim kit to the top of the toilet bowl. Thread the washers and wing nuts onto the bolts from underneath the toilet (**A2**) and tighten to secure.
2. Remove the decorative nut and washer from the top of the trim kit (**A1**).
3. Slide the decorative nut (**B1**) and tapered washer onto bottom end of the flush pipe (**C1**). (The tapered end of the washer should be facing down.) Insert the flush pipe (**C1**) into the opening in the back of the toilet bowl.
4. Remove the nuts and washers from the water closet tank. Slide the flush pipe nut (**B2**) and tapered washer onto the top of the flush pipe (**C1**).
5. Place the tank (with wall bracket attached) onto the flush pipe (**C1**) and place in the desired mounting location. Verify that the tank is level, and mark the outline of the wall bracket on the wall with a pencil. We recommend using two people to complete this step.
6. Remove the tank and disconnect the wall bracket. Place the bracket on the outline created in the previous step and mark the location of the mounting holes.
7. Drill four mounting holes and fasten the wall bracket to the wall using the appropriate hardware for the installation type.
8. Secure the water closet tank to the wall bracket with the metal L-brackets.
9. Make sure that the flush pipe sealing gasket (**D2**) and decorative escutcheon (**D1**) are attached to the bottom of the tank.
10. Attach the flush pipe (**C1**) to the tank outlet. Tighten the decorative nuts to secure the flush pipe to the tank and toilet bowl.
11. Slide a tapered washer onto the flared end of the water line pipe (**C2**). Slide the nut (**B3**) onto the bottom end of the water line pipe and move it up to meet the tapered washer.
12. Use the pipe nipple (**E4**) to connect the shut off valve (**E5**) to the main water supply.





13. Connect the flexible water supply tube (**E1**) to the shut off valve (**E5**).
14. Connect the water line pipe (**C2**) to the flexible water supply tube (**E1**) with the compression tube fitting (**E2**).
15. Insert the water line pipe (**C2**) into the tank and tighten the nut (**B3**) to secure. Trim the pipe to the appropriate length if necessary.
16. In the desired location, install the water line brackets (**F**) over the water line pipe to hold the pipe in place after installation.
17. Connect the chain and flush handle to the brass flush arm on the top of the tank. Adjust the length of the chain on the flapper as needed.
18. Finish your installation by attaching the toilet seat according to the included seat installation instructions.

