

Short Tank Toilet

Tools and Materials Needed:

- Toilet bowl
- Toilet tank
- Wax ring or waxless seal
- Closet bolts (usually included with the toilet)
- Adjustable wrench
- Flathead screwdriver
- Level
- Plumber's tape (optional)
- Silicone sealant (optional)
- Bucket (for draining residual water from the old toilet, if applicable)
- Rubber gloves (for sanitation purposes)

Installation Steps:

1. Prepare the Area:

- Turn Off the Water Supply: Before starting, turn off the water supply to the toilet by turning the valve clockwise.
- Empty the Toilet Tank: Flush the toilet to empty the tank. Use a sponge or towel to soak up any remaining water in the tank and bowl.
- Remove the Old Toilet (if applicable): If replacing an existing toilet, disconnect the water supply line, unscrew the bolts holding the toilet base, and carefully remove the toilet. Clean the area around the flange and remove any old wax ring.

2. Install the Closet Bolts:

- Insert the Closet Bolts: Place the closet bolts into the toilet flange (the opening where the toilet sits). These bolts will secure the toilet to the floor once it's installed.
- Check Bolt Positioning: Ensure that the bolts are positioned correctly and stand up straight, ready to attach to the toilet base.

3. Install the Wax Ring or Seal:

- Place the Wax Ring: Place the wax ring (or waxless seal, if using) on the toilet flange. Some prefer to place it on the bottom of the toilet bowl's outlet pipe, while others place it directly on the flange. Ensure it is centered and ready for the toilet's base.

4. Attach the Toilet Bowl:

- Lift and Position the Toilet Bowl: Carefully lift the toilet bowl and position it over the closet bolts, ensuring that the outlet pipe of the toilet is aligned with the flange. Gently lower the toilet down, pressing it firmly into the wax ring to create a tight seal.
- Secure the Toilet Bowl: Once the toilet bowl is in place, attach the nuts to the closet bolts under the toilet. Tighten the nuts evenly and alternately to avoid cracking the toilet base. Do not overtighten, as this can cause damage.

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5. Install the Toilet Tank:

- **Attach the Tank to the Bowl:** Align the tank's mounting holes with the corresponding holes on the toilet bowl. Use the provided bolts to secure the tank to the bowl. Hand-tighten the bolts and then tighten them slightly with a wrench (do not overtighten).
- **Install the Flush Handle:** If necessary, attach the flush lever to the tank. Follow the instructions provided to secure it properly.

6. Connect the Water Supply:

- **Attach the Water Supply Line:** Connect the water supply line to the fill valve of the tank and tighten it with a wrench. If needed, wrap plumber's tape around the threads before connecting to ensure a watertight seal.
- **Turn On the Water Supply:** Turn on the water supply and allow the tank to fill. Check for leaks around the base, water supply, and flush handle.

7. Test the Toilet:

- **Test Flush:** Once the tank is filled, test the toilet by flushing. Ensure the flush works properly and that the toilet is securely fastened.
- **Check for Leaks:** Inspect the base and water supply connections for any leaks. If you notice any, turn off the water supply, tighten the connections, and re-test.

8. Seal Around the Toilet Base (Optional):

- **Apply Silicone Sealant:** If desired, apply a thin bead of silicone sealant around the base of the toilet where it meets the floor. This will prevent any water from getting under the toilet and make cleaning easier.
- **Smooth the Sealant:** Use a damp cloth to smooth the sealant and remove any excess.

9. Finishing Touches:

- **Install the Toilet Seat:** Attach the toilet seat to the tank using the provided hinges and screws. Tighten the screws with a screwdriver to secure the seat in place.
- **Check for Proper Alignment:** Ensure the seat is properly aligned and secure before use.

Additional Tips:

- **Wax Ring or Waxless Seal:** The wax ring creates a seal to prevent leaks between the toilet and the flange. Be sure to use a new wax ring when installing a new toilet.
- **Avoid Over-tightening Bolts:** Tighten bolts and nuts only until they are snug. Over-tightening may crack the toilet base or tank.
- **Leveling the Toilet:** Use a level to ensure the toilet is sitting evenly. If the toilet wobbles, you may need to adjust the bolts or add shims.