

CST746
CST748



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THANKS FOR CHOOSING TOTO!

The mission of TOTO is to provide the world with healthy, hygienic and more comfortable lifestyles. We design every product with the balance of form and function as a guiding principle. Congratulations on your choice.

COMMON TOOLS NEEDED


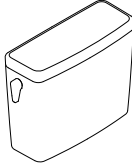






- | | |
|---|--|
| <ul style="list-style-type: none"> • 10" adjustable wrench • Carpenter's Level • Tape Measure • Hacksaw | <ul style="list-style-type: none"> • Hand Pliers • Flat Screwdriver • Putty Knife |
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ADDITIONAL ITEMS (NOT SUPPLIED BY TOTO):

- Bowl Wax Ring
- Closet Flange Mounting Bolts
(usually 2 T-bolts, 2 metal washers and 2 nuts)
- Water Supply Line
(typically 1/2" compression to 7/8" ballcock)
- Toilet Seat (TOTO SoftClose recommended)

INCLUDED PARTS

Check to make sure you have all these parts from the package:

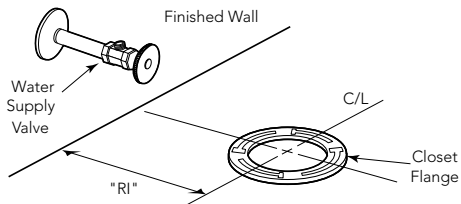
 Bowl	 Tank and Tank Lid	 Tank to Bowl Gasket (1x)		
 Bolt (2x) Rubber Washer (2x)	 Metal Washer (2x) Nut (2x)	 Hand Tight Nut (2x)	 Bolt Cap (2x) Base Cap (2x)	 Fill Valve Cone Washer (1x) Fill Valve T-Nut (1x)

BEFORE INSTALLATION

- Read these instructions thoroughly before beginning work.
- Please leave instructions for customers. These instruction contain maintenance and warranty information.
- If necessary, remove the existing toilet.

For your new TOTO toilet to fit correctly, the rough-in, the distance between the finished wall to the center of the closet flange, must be at least 12 inches for most models.

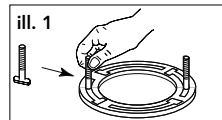
NOTE: Models with 10" rough-in have model numbers ending with ".10", for example CT746CUFG.10.



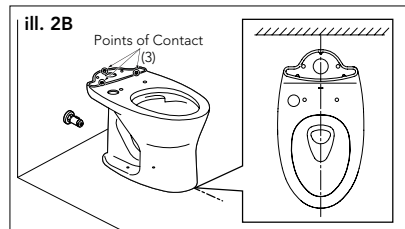
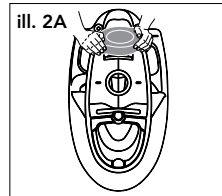
Recommended water supply valve location:
5-7/8" (from floor) x 4-3/8" (from center).

INSTALLATION PROCEDURE

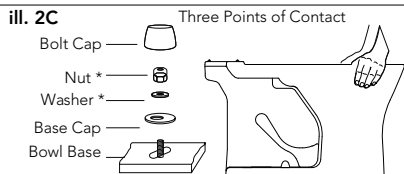
1) Clean any debris out of the closet flange and then install new mounting bolts (not supplied) into the slots of the closet flange (see Illustration 1). The head of the bolt should be inserted into the slot with its threads facing upward.



2) Carefully turn the toilet upside down onto some padding. Firmly press a new bowl wax ring (not supplied) onto the circular recess around the toilet bowl's horn (see Ill. 2A). Turn the toilet upright and gently lower into position over the closet flange. With toilet properly aligned, press firmly on both sides of toilet rim to set the bowl wax ring. (see Illustration 2B)



CAUTION: Do not move the bowl after the bowl wax ring is set. Thread the base caps, washers and nuts and tighten evenly until bowl is snug to closet flange. Install the bolt caps (see Illustration 2C).



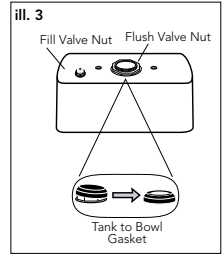
* Not Supplied

INSTALLATION PROCEDURE

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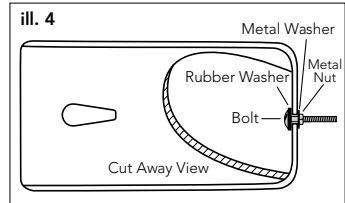
NOTE: Three Points of Contact:

The toilet bowl has three points of contact, which will actually contact the bottom of the toilet tank when properly installed. The location of these points can be seen on the bowl at the tank receiving area. The three points are front left (1), front right (2), and back center (3). Recall these three points during the Toilet Tank installation.



- 3) Place the tank upside down onto some padding. Inspect the smaller fill valve nut and larger flush valve nut for a secure connection (see Illustration 3). Try to tighten the nuts with your hands. If loose, tighten the nut hand tight and an additional 1/4 turn for the smaller fill valve nut and an additional 1/2 turn for the larger flush valve nut.

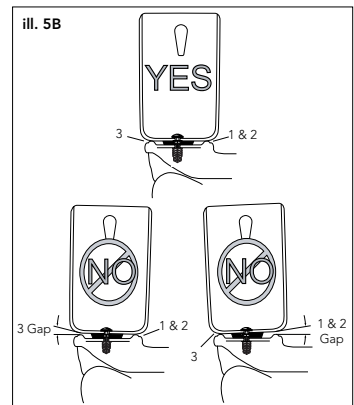
Place the tank-to-bowl gasket onto the flush valve nut. While pressing down, spread the gasket over the nut until the gasket touches the bottom of the tank. A slight gap between the tank bottom and the gasket is allowable. See illustration 3.



- 4) Lay the tank down on its back. Place a rubber washer onto a bolt (see Illustration 4). Reach inside the tank and position the bolt through one of the holes in the bottom of the tank. On the outside of the tank, place a metal washer and nut onto the bolt. Hold the bolt centered in the hole and tighten the nut finger tight. Turn the nut an additional 1/2 turn with a wrench. Repeat this process for the remaining hole in the tank.

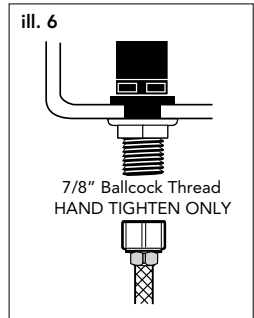


- 5) Pick up the tank and carefully guide the bolts to align the tank with the bowl. Attach hand tight nut to each bolt (see illustration 5A). Tighten until tank makes **THREE POINTS OF CONTACT** with the bowl (see illustration 5B).



INSTALLATION PROCEDURE

6) Flush the water supply line for a few seconds to remove any debris that may enter the new fill valve. (For new home constructions and/or additions, flush the water supply line for more than a minute to help remove any residual PVC adhesives, solder flux, and/or pipe sealants that were used for the new plumbing.) Connect the water supply line to the fill valve threads as seen at the bottom of toilet tank (see Illustration 6). Tighten this connection finger tight.



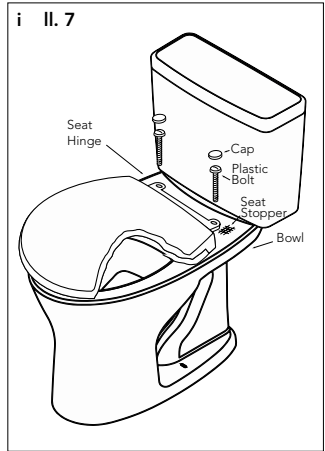
CAUTION: Avoid using a wrench to tighten the connection as you may damage the plastic threads and/or cause the fill valve to rotate inside the tank.

NOTE: The water supply pressure should be 20 to 80 psi static.

7) Flush toilet a few times to check for issues and leaks. Make sure NO WATER LEAK on bowl and tank.

8) Install the toilet tank lid onto the toilet tank top.

9) Install the toilet seat onto the toilet bowl using the mounting hardware in the toilet seat box. Place seat onto bowl and rotate the hinge down. Position seat stoppers under the seat hinge. Insert bolt into seat hinge and through the toilet bowl. Install plastic nut onto bolt from underneath. Tighten the bolt securely. Install the seat bolt caps.



NOTE: Tighten the seat bolt until the hinge is secure. The seat and lid will have slight side to side movement, which is normal. This freedom of movement allows the seat to SoftClose® without binding.

MAINTENANCE INSTRUCTIONS

Fill Valve Installation Procedure

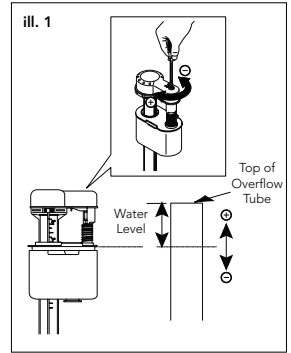
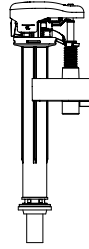
- 1) Shut off the water supply to the toilet.
- 2) Flush toilet and remove remaining water from tank with a sponge.
- 3) Remove the water supply connection at the fill valve.
- 4) Remove old fill valve and use damp sponge to clean hole in tank.
- 5) Place new fill valve inside tank hole.
- 6) Thread mounting nut onto fill valve shank and tighten the nut.
NOTE: Do not over-tighten. Be sure to install fill valve in a position that does not interfere with the trip lever operation.
- 7) Connect water supply to fill valve shank and hand-tighten only.
NOTE: Do not overtighten. These are plastic parts. Never use pipe dope on any water supply connection.
- 8) Attach refill tube to fill valve nipple and clip other end of refill tube to the overflow pipe.
- 9) Turn water supply ON and check for leaks outside the tank.

MAINTENANCE INSTRUCTIONS

Water Level Adjustment

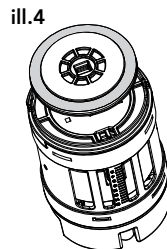
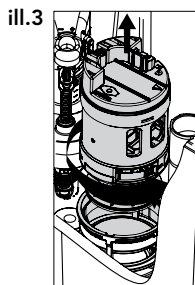
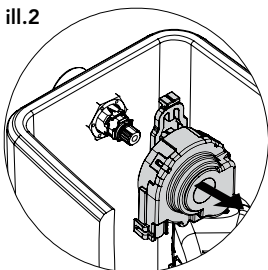
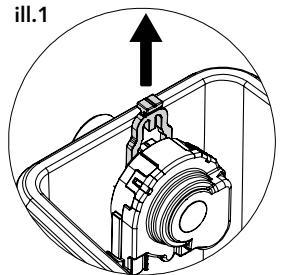
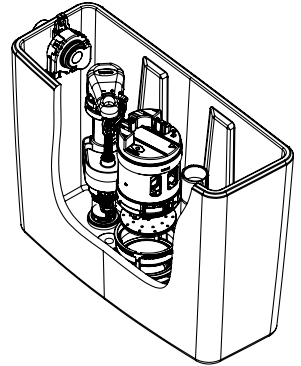
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Refer to the water level (WL) setting marked on the inner wall of the tank. Allow the water to fill the tank. Turn the adjustment screw clockwise in the (+) direction to increase the water level height (see ill. 1). Turn the adjustment screw counter-clockwise in the (-) direction to decrease the water level height. Flush the toilet to verify the correct water level. Adjust as necessary.



Replacing the Flush Valve

- 1) Turn off water supply and flush the toilet. Remove the remaining water from tank with a sponge.
- 2) Remove the tank lid and place it upside down on a clean surface.
- 3) Pull the clip on top of trip lever gear box as shown.
- 4) Pull gear box away and set on the side as shown. (see ill. 1 & ill. 2)
- 5) Rotate and pull up on the flush tower to remove it. (see ill. 3)
- 6) Remove the grey rubber seal gasket and rinse under running water to clean. (see. ill. 4)
- 7) Place the gasket back on the flush tower.
- 8) Align and place the flush tower into housing and gently press to snap and to lock into place.
- 9) Replace the trip lever gear box and push down on lever to lock it in place.
- 10) Carefully install the tank lid back on the tank.
- 11) Flush the toilet several times making sure the trip lever operates normally.
- 12) Check the water level in the tank and inspect for signs of any leakage.



CARE AND CLEANING

WARNING!

DO NOT USE IN-TANK BOWL CLEANERS.

The use of high concentration of chlorine or chlorine-related products can seriously damage fittings in the tank. This damage can cause leakage and property damage. TOTO shall not be responsible or liable for any tank fitting failure or damage caused by the use of in-tank bowl cleaners.

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CEFIONTECT® CLEANING INSTRUCTIONS



WHAT IS CEFIONTECT®?

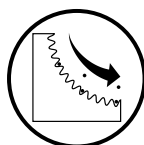
CEFIONTECT® is TOTO's super-smooth permanent glaze that prevents debris from sticking to surfaces. Products with the letter "G" in the number have the CEFIONTECT® glaze. This glaze, along with regular cleaning, will help keep your TOTO product in pristine condition.

NOTE:

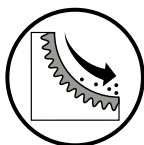
For best results to keep your TOTO product with CEFIONTECT® clean:

- Lavatory: Use a mild dish detergent with a clean, soft cloth.
- Toilet: Use a gel based cleaner with a soft bristled-plastic brush.
- **Don't use** cleaners, polishing powders or detergents that have gritty or coarse particles.
- **Don't use** bleach, chemical thinners or products that have acid or alkaline detergents listed as ingredients.
- **Don't use** metal scrub brushes or steel wool.

Following these instructions will ensure that your TOTO product with the CEFIONTECT® glaze will always stay intact, keeping your product like new for years to come!



No CEFIONTECT®



With CEFIONTECT®

