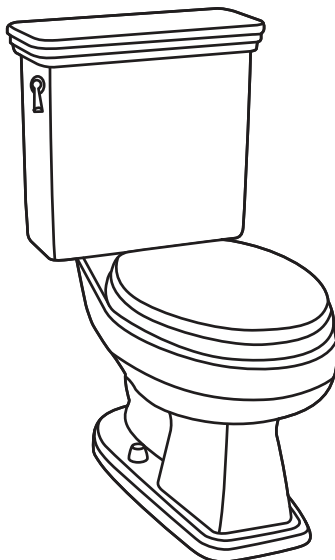


CST423SF  
CST424SF(G)  
CST743S  
CST744S(G)

CST744SL  
CST744SF.10  
CST754SF(N)  
CST784SF  
MS756204SF



Warranty Registration and Inquiry

For product warranty registration, TOTO U.S.A. Inc. recommends online warranty registration. Please visit our web site <http://www.totousa.com>. If you have questions regarding warranty policy or coverage, please contact TOTO U.S.A. Inc., Customer Service Department, 1155 Southern Road, Morrow, GA 30260 (888) 295-8134 or (678) 466-1300 when calling from outside of U.S.A.

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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


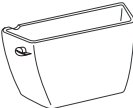


- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• 10" adjustable wrench</li> <li>• Hacksaw</li> <li>• Carpenter's Level</li> </ul> | <ul style="list-style-type: none"> <li>• Tape Measure</li> <li>• Pliers</li> <li>• Screwdriver</li> <li>• Putty Knife</li> </ul> |
|---|--|

### MATERIALS REQUIRED:

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Flexible Supply Tube / Connector</li> <li>• Supply Stop Valve</li> </ul> | <ul style="list-style-type: none"> <li>• Mounting (T) Bolts &amp; Nuts (2pc)</li> <li>• Wax Ring / Seal</li> </ul> |
|---|--|





## INCLUDED PARTS



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

			
China Bowl	China Tank	China Tank Lid	Tank to Bowl Gasket

### Tank to Bowl Hardware:

### Flange Caps (for the Bowl):

	
Bolts (2 pieces)	Rubber Washers (2 pieces)
	
Metal Washers (4 pieces)	Nuts (4 pieces)

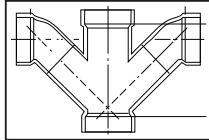

Plastic Caps (2 pieces)

Base Caps (2 pieces)

## BEFORE INSTALLATION

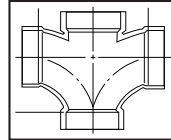
- Read these instructions thoroughly before beginning work.
- Please leave these instructions for customers. These instructions contain maintenance and warranty information.
- If necessary, remove the existing toilet.

### IMPORTANT!

Due to the powerful performance of our Cyclone, G-Max, E-Max and Power Gravity flushing systems, they are not specified for back-to-back installations. The only means of installing these toilets in a back-to-back situation is when the toilet drain connections incorporate a WYE fitting. Please contact your builder or contractor prior to this installation.

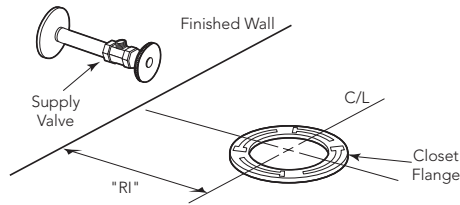


Double Combination WYE / 1/8 Bend  
**YES**



Double Sanitary Tee / Sanitary Cross  
**NO**

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. Models with 10" rough-in have model numbers ending with ".10", for example C744EF.10."

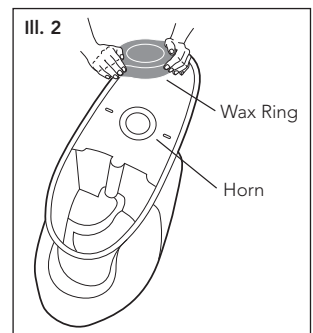
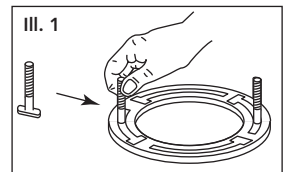


## INSTALLATION PROCEDURE

- 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 III. 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 III. 2). 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.

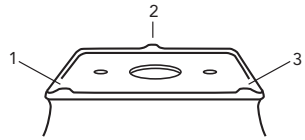
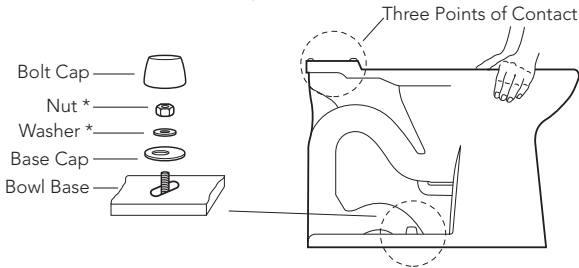
**CAUTION:** Do not move the bowl after the bowl wax ring is set. Thread nuts and tighten evenly until bowl is snug to closet flange. Install the bolt caps.

**CAUTION:** Do not over-tighten the nuts as damage to the china bowl may result.



## Installation Procedures (continued)

NOTE: 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.



- 4) Place the tank upside down onto some padding. Inspect the smaller fill valve nut and larger flush valve nut for a secure connection.

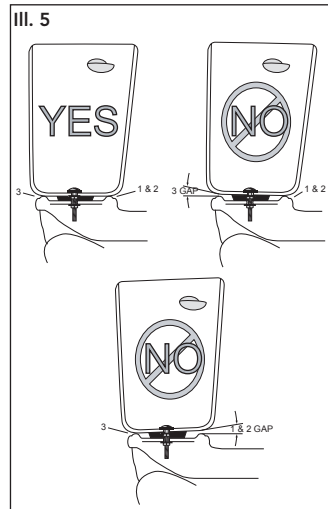
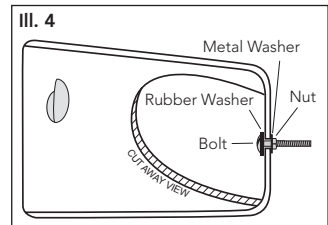
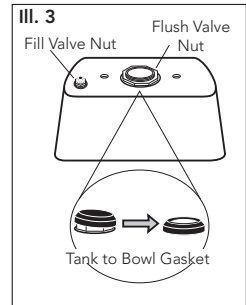
Try to tighten the nuts with your hands see III. 3). If loose, tighten the nut hand tight and an additional 1/4 turn for the smaller fill valve nut and an additional 1/2 turn for the larger flush valve nut.

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.

- 5) Lay the tank down on its back. Place a rubber washer onto a brass bolt. Reach inside the tank and position the bolt through one of the holes in the bottom of the tank (see III. 4).

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.

- 6) Pick up the tank and carefully guide the brass bolts to align the tank with the bowl. Attach a metal washer and nut to each bolt. Tighten the nuts finger tight and inspect that the tank is level (see III. 5). Once level, tighten the bolts equally until the tank makes **THREE POINTS OF CONTACT** with the bowl.



## Installation Procedures (continued)

- 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.)

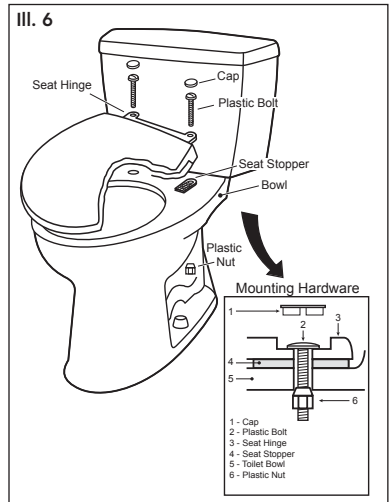
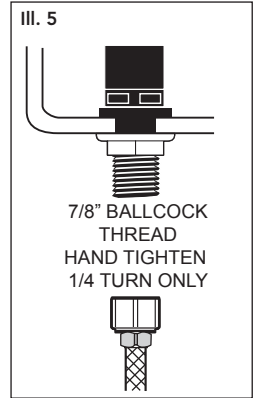
Connect the water supply line to the fill valve threads as seen at the bottom of toilet tank (see Ill. 5). Tighten this connection finger tight and then an additional 1/4 turn by hand. **AVOID** using a wrench to tighten the connection as you may damage the plastic threads and/or cause the fill valve to rotate inside the tank. Water Supply Line Pressure should be 20 to 80 psi Static.

**NOTE: NO BALLCOCK / FILL VALVE ADJUSTMENTS NEEDED.** Water will automatically stop at the proper level. Flush the toilet several times. Check the flap-per valve for proper operation. Make sure that the chain is not tangled and the flapper arm is in its proper position.

- 7) Install the toilet tank lid onto the toilet tank top.
- 8) Install the toilet seat onto the toilet bowl using the mounting hardware in the toilet seat box (see Ill. 6). 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.



## TOILET TANK FILL VALVE INSTRUCTIONS

### Replacement 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.

## Replacement Procedure (continued)

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.

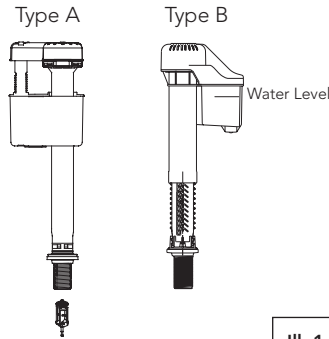
8) Attach refill tube to fill valve nipple and clip other end of refill tube to the overflow pipe.

9) Turn water supply ON and check for leaks outside the tank.

NOTE: As water fills the tank, water is also directed into the overflow tube via the refill tube. This additional flow of water is critical to refilling your toilet's bowl. Once the water stops filling the tank, some residual drops of water may drip from the fill valve. This is NORMAL as these drops will subside.

## Water Level Adjustment

Depending on the manufacturing plant, you may have one of two of the following fill valves:

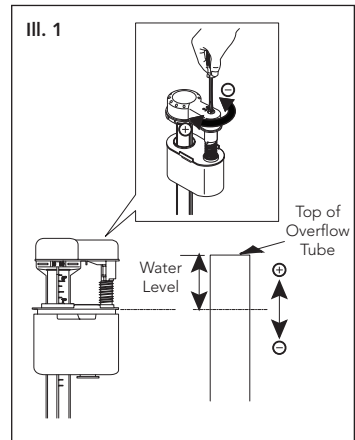


For Type A Fill Valve:

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 Illustration 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.

For Type B Fill Valve:

There are no water level adjustments. The fill valve has been preset at the factory.



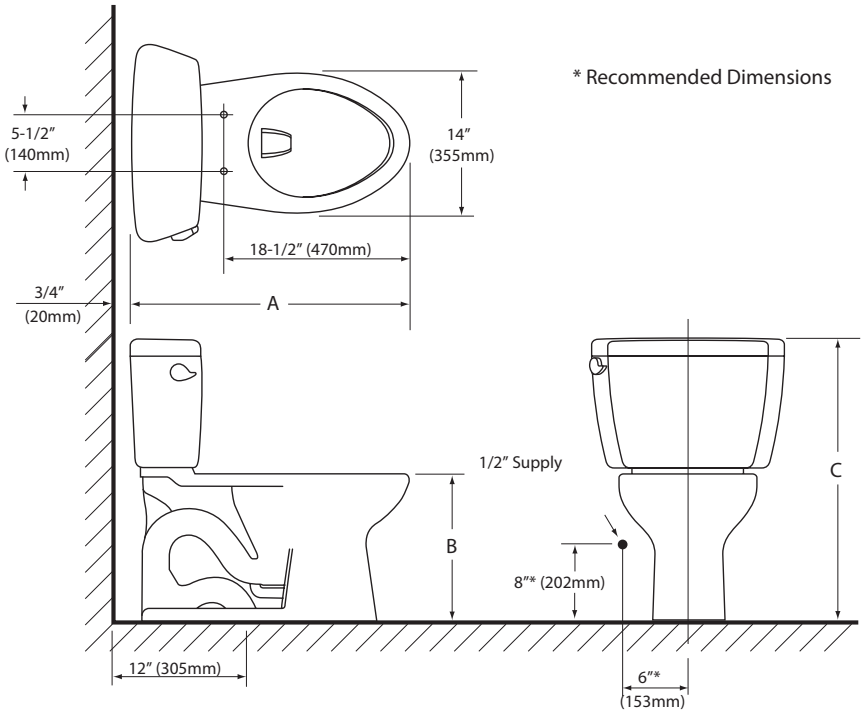
## CARE AND CLEANING

### 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.

## ROUGH-IN DIMENSIONS



Model	A	B	C
CST423SF	26-3/8"	16-1/8"	33-1/2"
CST424SF(G)	28-1/4"	16-1/8"	33-1/2"
CST743S	26-3/8"	14-5/8"	28-1/2"
CST744SL	28"	16-1/2"	30-1/2"
CST744S(G)	27-3/4"	14-5/8"	28-1/2"
CST744SF.10	28"	16-1/8"	30-1/8"
CST754SF(N)	28-1/8"	16-1/8"	32-1/2"
CST784SF	28-1/2"	16-1/8"	32-1/2"
MS756204SF	28-1/2"	16-1/8"	30-7/8"

## REPLACEMENT PARTS

Model	Flapper	Fill Valve (Type A)	Fill Valve (Type B)	Flush Valve	Trip Lever
CST423SF	THU175S	TSU16A	TSU08A.6	THU129W-5A	THU141#XX
CST424SF(G)	THU175S	TSU16A	TSU08A.6	THU129W-5A	THU141#XX
CST744S(G)(L)	THU175S	TSU24A	TSU08A.6	THU129W	THU068#XX
CST744SF.10	THU175S	TSU24A	TSU08A.6	THU129W	THU068#XX
CST743S	THU175S	TSU24A	TSU08A.6	THU129W	THU068#XX
CST754SF	THU138S	N/A	TSU08A.6	THU129Z-3	THU141#XX
CST784SF	THU175S	TSU16A	TSU08A.6	THU129W-4	THU148#XX
MS756204SF	THU138S	N/A	TSU07A.5	THU129ZE	THU163#XX
CST754SFN	THU175S	TSU16A	TSU08A.6	THU129W-2	THU141#XX



# TOTO®

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[www.totousa.com](http://www.totousa.com)

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Rev Date: 10/15



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