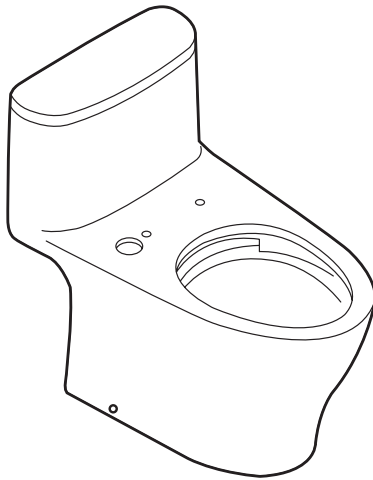


MS642  
CST642



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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>• 12" pipe wrench</li> <li>• 10" adjustable wrench</li> <li>• Carpenter's Level</li> <li>• Tape Measure</li> <li>• Plier</li> </ul> | <ul style="list-style-type: none"> <li>• Screwdriver</li> <li>• Putty Knife</li> <li>• Drill</li> <li>• <sup>11</sup>/<sub>64</sub>" drill bit for wood floor installation</li> <li>• <sup>5</sup>/<sub>16</sub>" drill bit for concrete/tile installation</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> |
|---|--|

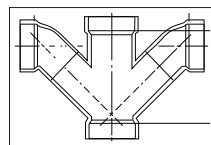
## BEFORE INSTALLATION

- Read instruction manual before installation.
- Maintenance and warranty information included in manual, DO NOT DISCARD.
- Locate water supply and drain pipe.

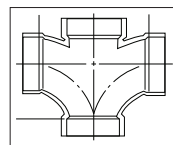
### IMPORTANT!

For back-to-back installations, Tornado flushing systems require a WYE fitting incorporated into the toilet drain system. Please contact your builer/contractor for additional information prior to installation.

- Verify enough space is available for installation and unobstructed operation of equipment (doors opening/closing, etc...). Failure to do this beforehand may result in incorrect product installation and possible malfunction.
- Thoroughly flush the supply pipes of dirt and debris. Proceed to install the supply hose to the tank and make sure you do not damage the end connection of the hose.
- After installation, verify water and electricity are working properly.
- Gaps between the discharge pipe and the floor should be filled with mold-resistant silicone-based seal material (Mediseal).
- Minimum required water pressure (flowing): 7 PSI at 2.64 Gal/min (0.05 MPa at 10 L/min). Maximum water pressure (static): 108 PSI (0.75 MPa).



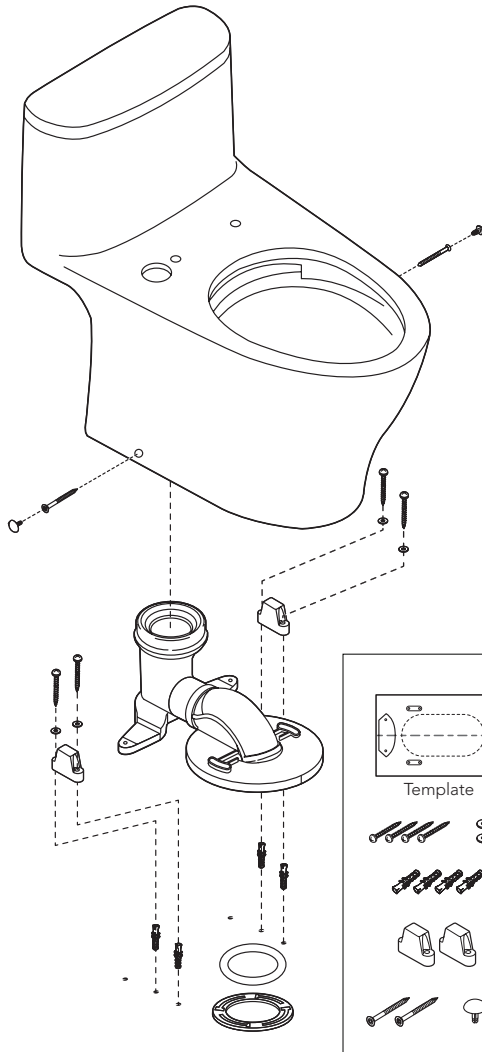
Double Combination WYE / 1/8 Bend  
**YES**



Double Sanitary Tee / Sanitary Cross  
**NO**

## INCLUDED PARTS AND DIAGRAM

Please verify that all of the parts are included in the package:



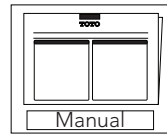
### Box 1



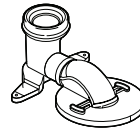
China Bowl with Lid



Toilet Seat  
(included depending on model)



### Box 2



PVC outlet Connection



Mounting Screw with Washer  
(2 pieces)



Anchor  
(2 pieces)



Rough-In Instructions

## CARE AND CLEANING

### WARNING!

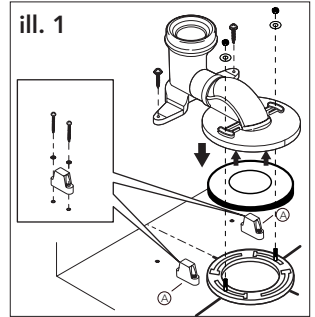
**DO NOT USE IN-TANK BOWL CLEANERS.**

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.

# INSTALLATION PROCEDURE

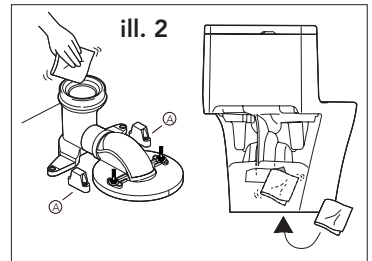
ENGLISH

1. Open the Unifit Rough-In packaging. Follow the Unifit Rough-In Installation instruction.
2. Place the template into position and follow its instructions to prepare for installing the toilet bowl.



## NOTICE

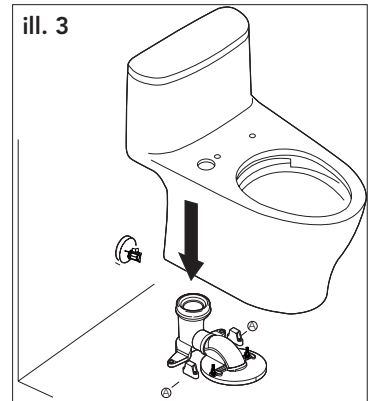
Do not move the Unifit Rough-In on the Floor Flange after wax seal is set. If this notice is disregarded, discard the wax ring and replace with new wax ring.



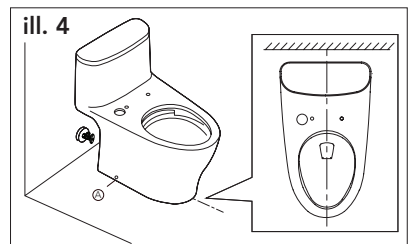
3. Place the toilet bowl over the Unifit Rough-In and align the holes on the side of the toilet to the lines marked "A" on the floor.

## NOTICE

Insert the toilet all the way into position. If this notice is disregarded, leakage may result.

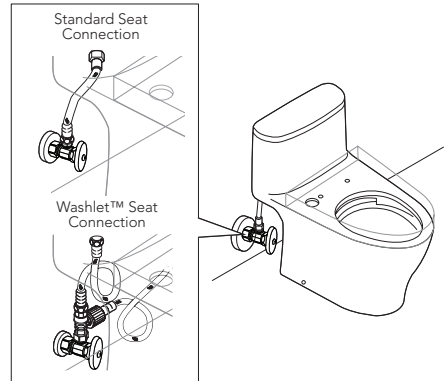
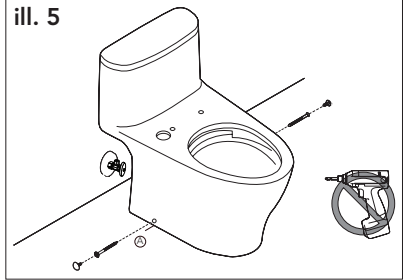


4. Align the toilet perpendicular to the back wall and parallel to side walls; it should not sit crooked or diagonal (ill. 4).

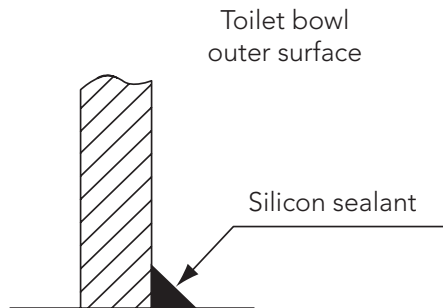


## INSTALLATION PROCEDURE

5. Make sure it's aligned before securing.
6. Install the side screws to the mounting blocks. Cover the screw head with the provided screw caps (ill. 5).
7. When installing the washlet main unit or standard toilet seat main unit, follow the instructions on the Installation Guide.
8. Once the installation is completed, proceed to verify the toilet unit for leaks.



Toilet bowl  
inner surface



Toilet bowl  
outer surface

Silicon sealant

## MAINTENANCE INSTRUCTIONS

### Fill Valve 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 inside tank.
5. Place new fill valve inside tank, thread mounting nut onto the shank and tighten nut.

**NOTE:** Be sure to install fill valve in a position that does not interfere with the trip lever operation.

## MAINTENANCE INSTRUCTIONS

### Fill Valve Replacement Procedure (continued)

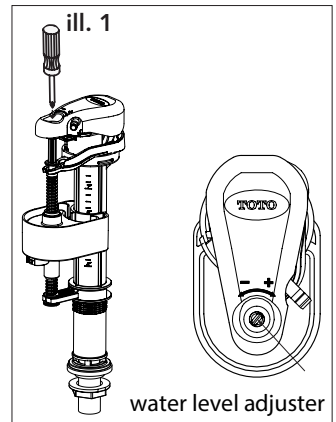
6. Connect water supply to fill valve shank and hand-tighten only.
7. Attach refill tube to fill valve nipple clip other end to the overflow pipe.
8. Turn water supply ON and check for leaks outside the tank.

**NOTE:** Do not overtighten. These are plastic parts. Never use pipe dope on any water supply connection. 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 may drip from the fill valve. This is NORMAL as these drops will subside.

## ADJUSTING THE WATER LEVEL

Refer to the water level line stamp inside the tank.

1. The water level adjustment is located in the top end of the fill valve. Use a flathead screwdriver to make adjustments:
  - To raise the water level: turn the screwdriver clockwise, or towards the '+' indicator.
  - To lower the water level: turn the screwdriver counter-clockwise, or towards the '-' indicator.
2. Flush after each adjustment to check the water level. When satisfied with the water level, flush once more to verify.



## 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®



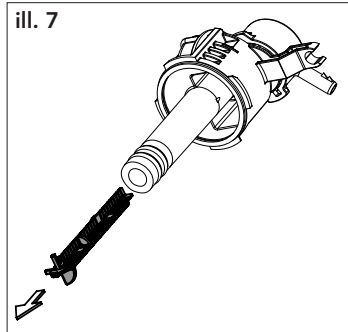
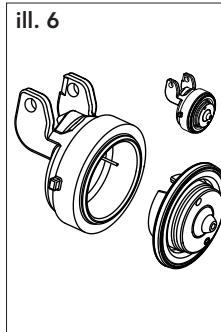
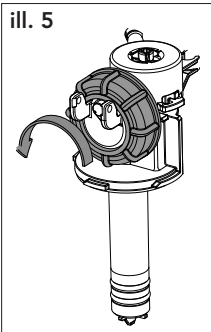
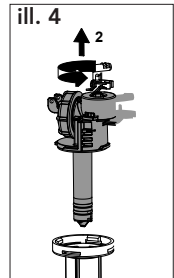
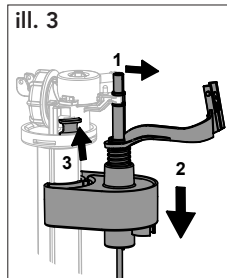
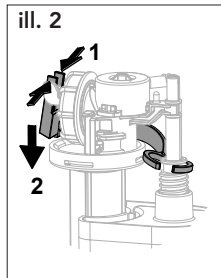
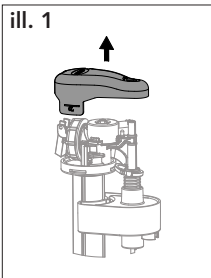
With CEFIONTECT®



## SERVICING THE FILL VALVE

**NOTE:** Due to water conditions in your area, the strainer may require periodic cleaning. An indication that the strainer requires service can be seen in a delayed fill cycle, intermittent fill cycle, or inadequate amount of water flow from the refill tube.

1. Snap off the top cover by pulling from under the tab (see ill. 1).
2. Pinch the tabs of the lever arm to allow its removal (see ill. 2).
3. Snap off the adjustable rod from the bracket **(1)** allowing the unit to slide to the bottom and remove the retainer tab by pulling as the arrow indicates **(3)** (see ill. 3).
4. Grab hold of the valve unit, twist 1/4 turn counterclockwise and pull the unit out (see ill. 4).
5. Unscrew nut of the diaphragm housing (see ill. 5).
6. Remove the diaphragm from its housing by carefully pulling the edge of the diaphragm (see ill. 6). Note the position of the diaphragm while removing.
7. Remove the strainer from the tube with needle nose pliers (see ill. 7). Use twisting motion while pulling to help with removal.
8. Rinse all parts under running water to clear any debris, residues or films. Reinstall all parts in reverse order. Turn the water ON and check for leaks and operation.



# ROUGH-IN DIMENSIONS

