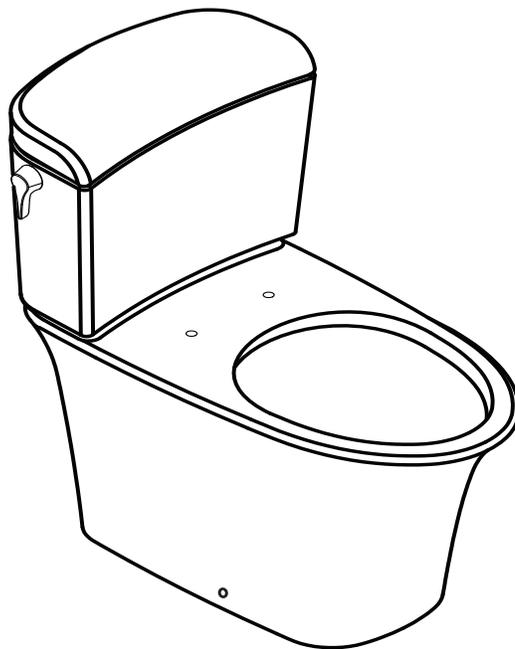


Dual Flush Toilets



CST484CEMF(G)

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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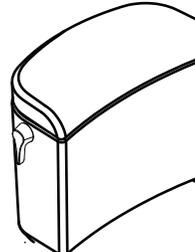
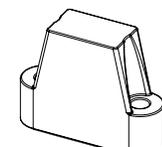
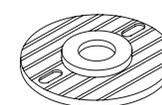
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THANKS FOR CHOOSING TOTO!

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.

INCLUDED PARTS

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

| | | | | |
|---|--|--|---|---|
|  Bowl |  Lid & Tank |  Mounting Block (2 pieces) |  Socket |  Wing Nut & Washer for Tank Mounting (2 pieces each) |
|  Anchor (4 pieces) |  Top Mount Bolt Set (for seat) |  Screw & Washer for Mounting Block Installation (4 pieces each) |  Side Screw and Side Screw Cap for Mounting Block (2 pieces each) | |

(Not pictured but also included: Socket Template, Tank-to-Bowl Gasket)

COMMON TOOLS NEEDED

- 12" pipe wrench
- 10" adjustable wrench
- Carpenter's Level
- Tape Measure
- Screwdriver
- Putty Knife
- Drill
- Pliers
- For wood floor installation:
 - 3/32" drill bit for Socket
 - 11/64" drill bit for Mounting Block
- For concrete/tile installation:
 - 9/32" drill bit for Socket
 - 11/32" drill bit for Mounting Block

- MATERIALS REQUIRED (Not Included):**
- Flexible Supply Tube / Connector
 - Supply Stop Valve
 - Closet Flange
 - Mounting (T) Bolts & Nuts (2pc)
 - Wax Ring / Seal

WARNINGS

- Do not forcefully push or kick the toilet. This may cause injury or damage to the product.
- Do not drop hard objects in the toilet. This may cause damage or leaking.
- Do not clean the toilet with harsh detergents or solvents which may cause damage to the vitreous china.
- Avoid the sudden introduction of hot water to a cold toilet. This may damage the toilet.
- Cold water in toilet tank may cause condensation depending on environmental conditions.
- **If cracking occurs, discontinue use of the toilet.** Failure to do so may cause serious injury.

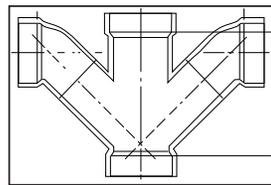
ENGLISH

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.

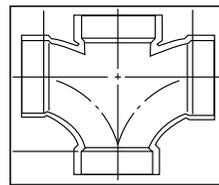
IMPORTANT!

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

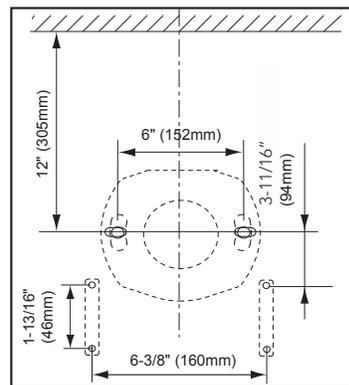
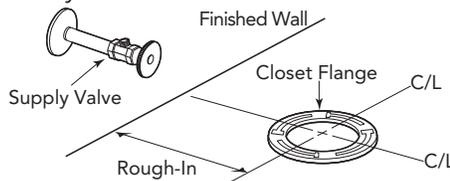
YES



Double Sanitary Tee / Sanitary Cross

NO

1. Distance between finished wall and the center of the floor drain, "RI", must be 12" (305mm).
2. Water supply should be approximately 8" to 10" to the left (facing the bowl) from the center line of closet flange, and approximately 6" above the finished floor.
3. Using the provided template, confirm the installation dimensions of the Socket and the mounting blocks.



TROUBLESHOOTING

| PROBLEM | CAUSE | SOLUTION |
|---|---------------------------------------|--|
| Fill valve turns on/off without toilet being flushed. | Flush valve seal gasket is dirty. | Inspect and clean flush valve seal gasket. |
| Fill valve continuously running. | Dirty fill valve seal | Shut off water supply. Open fill valve cap and clean valve seal. |
| | Flush valve seal gasket is dirty. | Inspect and clean flush valve seal gasket. |
| Poor flush | Flush valve chain(s) entangle | Un-entangle the chains. |
| | Water supply valve is not fully open. | Open water supply valve. |
| | Water supply pressure is too low. | The minimum required supply pressure is 20psi. Consult your plumber. |
| | Trapway is obstructed | Unclog trapway |
| | Venting is obstructed | Clean venting pipes |
| Toilet not flushing | Water supply valve is closed | Open water supply valve |

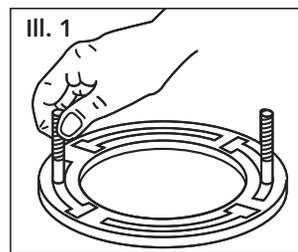
INSTALLATION PROCEDURE

- Place the installation template on the floor so that the baseline of the template and the center line of the closet flange line up. Mark the screw locations for the mounting blocks. Drill holes at the marked locations per the installation type below. In the case of tile or concrete floor installation, use the provided plastic anchors.

With the location properly marked, drill holes for Mounting Blocks:

- 11/64" on wood floor installation
- 11/32" on concrete / tile installation

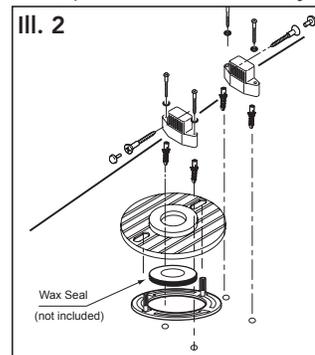
- Clean any debris out of the closet flange, then install the mounting bolts into the slot of the flange head down with the threaded shank of the bolt pointed upward as shown (Ill. 1). Slide each bolt until the end of slot.



- Turn the Socket upside down. Firmly press a new wax seal onto the circular recess around the outlet opening. Turn the socket upright and lower it onto the position over the closet flange. With the unit properly aligned, press down firmly to set the wax seal.

CAUTION: Do not move the Socket after wax seal is set.

- Install a washer and nut on the T-bolt to secure the Socket to the flange (see Ill. 2). Nut should be tightened 1/2 turn after hand-tightening. **DO NOT USE EXCESSIVE FORCE.** Install the mounting blocks using the provided screws, washers, and anchors. Ensure that blocks are firmly connected to the floor. Use the provided template for the proper alignment.



Installation Procedure (continued)



To prevent water and odor leakage, please ensure that the wax seal is fitted properly between the Socket and the flange. Do not overtighten the nuts, as damage to the plastic parts may result.

5. Place the toilet bowl over the Socket (see III. 3). Install the side screws to the mounting blocks. Cover the screw head with the provided screw-cap (see III. 4).

IMPORTANT: If the side screw does not engage the mounting blocks, then either the toilet bowl is not fully inserted in the socket or the mounting block is not installed properly. If the toilet is not installed properly, it may slide out of socket and leak may result. Please ensure that both sides are properly fitted and secure. Be sure not to over-tighten the screws, as it may result in product damage.



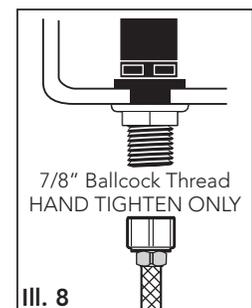
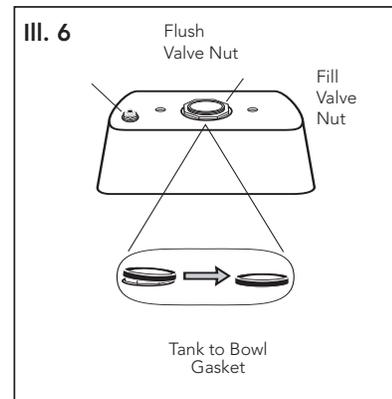
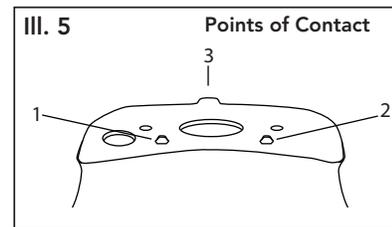
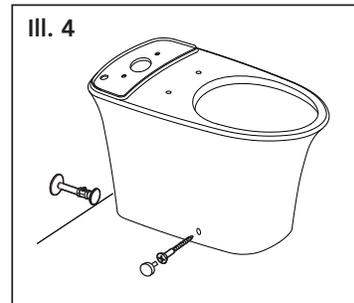
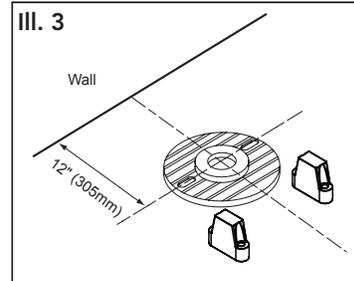
NOTE: Three Points of Contact:

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 (see III. 5).

6. Place the tank upside down onto some padding. Inspect the smaller fill valve nut and larger flush valve nut for a secure connection (see III. 6). 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.

7. Install and tighten the water supply hose to bottom of fill valve. (see III. 8).
8. Pick up the tank and carefully guide the brass bolts and water supply line to align the tank with the bowl. Attach a metal washer and wing nut to each bolt. Tighten the wing nuts finger tight and inspect that the tank is level (see III. 9). Once level, tighten the bolts equally until the tank makes **THREE POINTS OF CONTACT** with the bowl.



Installation Procedure (continued)

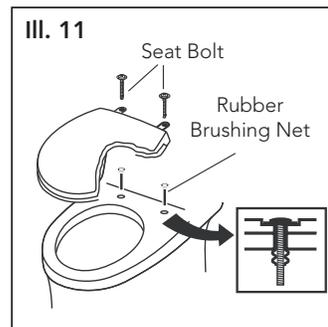
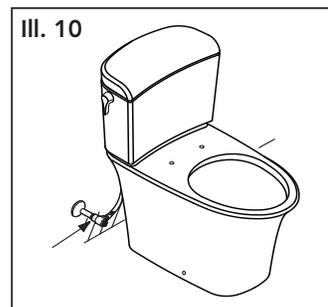
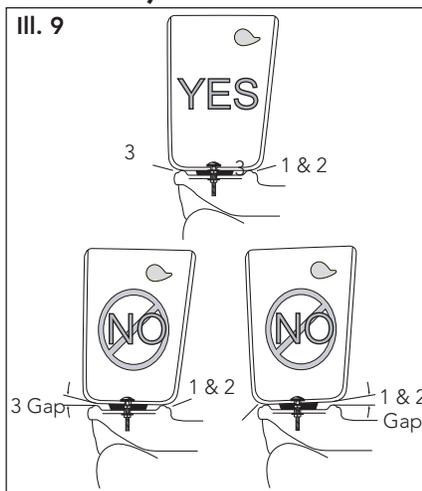
9. Connect the water supply valve (see Ill.10). Tighten this connection, finger tight.
10. Flush the water supply line for a few seconds to remove any debris that may enter the new fill valve. (For new home constructions and/or additions, flush the water supply line for more than a minute to help remove any residual PVC adhesives, solder flux, and/or pipe sealants that were used for the new plumbing.)

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.

11. No fill valve adjustments are needed. The water will automatically stop at proper level.
12. Install the toilet tank lid onto the toilet tank top (see Ill. 10).
13. The toilet seat is installed with the top-mount bolt set (see Ill. 11). Insert the rubber bushing-nut into the seat mounting holes. Place the seat on the bowl and rotate the hinge unit into place while holding the seat down on the bowl. Tighten the bolt from the top with the screwdriver.

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.



FILL VALVE REPLACEMENT INSTRUCTIONS

Installation Procedure

1. Shut off the water supply to the toilet. Have paper towels ready in case of spill.
2. Flush toilet and remove remaining water from tank with a sponge.
3. Remove the water supply hose from water supply valve on wall/floor.
4. Unscrew both nuts from bolts under tank. Carefully remove tank from toilet's bowl.
5. Remove refill tube from fill valve. Remove old fill valve from tank.
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. Pick up the tank and carefully guide the brass bolts and supply hose to align the tank with the bowl. Attach and tighten a metal washer and wing nut to each bolt.
8. Connect water supply hose to supply valve on wall or floor.

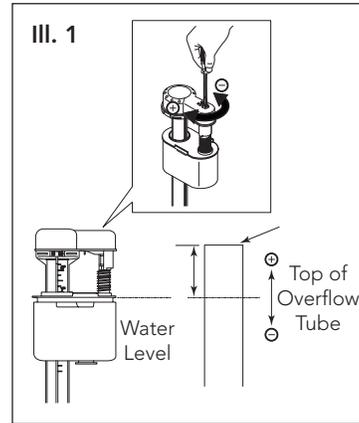
NOTE: Do not overtighten. These are plastic parts. Never use pipe dope on any water supply connection.

Installation Procedures (continued)

9. Attach refill tube to fill valve nipple and clip other end of refill tube to the overflow pipe.
10. 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.

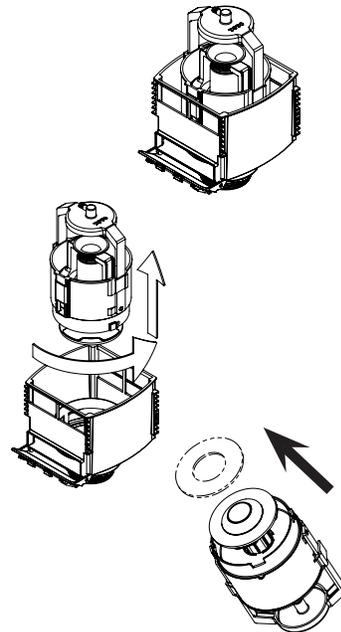
WATER LEVEL ADJUSTMENT

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.



FLUSH VALVE SERVICING INSTRUCTIONS

1. Turn off the water supply and flush the toilet.
2. Remove the tank lid and place it upside down on a clean surface.
3. Turn upper half of valve counter clockwise and pull out the flush valve.
4. Pull the rubber seal gasket sideways to remove from the flush valve.
5. Rinse under running water to clean.
6. Remove the rubber seal gasket and rinse under running water to clean.
7. Place the gasket back on the flush valve.
 NOTE: Be sure to twist and secure tightly to the base.
8. Install the flush valve back on the base.
9. Carefully, install the tank lid back on the tank.
10. Flush the toilet several times to verify proper operation
11. Check for 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.

WARRANTY

1. TOTO warrants its vitreous china products ("Product") to be free from defects in materials and workmanship during normal use when properly installed and serviced, for a period of one (1) year from date of purchase. This limited warranty is extended only to the ORIGINAL PURCHASER of the Product and is not transferable to any third party, including but not limited to any subsequent purchaser or owner of the Product. This warranty applies only to TOTO Product purchased and installed in North, Central and South America.
2. TOTO's obligations under this warranty are limited to repair, replacement or other appropriate adjustment, at TOTO's option, of the Product or parts found to be defective in normal use, provided that such Product was properly installed, used and serviced in accordance with instructions. TOTO reserves the right to make such inspections as may be necessary in order to determine the cause of the defect. TOTO will not charge for labor or parts in connection with warranty repairs or replacements. TOTO is not responsible for the cost of removal, return and/or reinstallation of the Product.
3. This warranty does not apply to the following items:
 - a. Damage or loss sustained in a natural calamity such as fire, earthquake, flood, thunder, electrical storm, etc.
 - b. Damage or loss resulting from any accident, unreasonable use, misuse, abuse, negligence, or improper care, cleaning, or maintenance of the Product.
 - c. Damage or loss resulting from sediments or foreign matter contained in a water system.
 - d. Damage or loss resulting from improper installation or from installation of the Product in a harsh and/or hazardous environment, or improper removal, repair or modification of the Product. (NOTE: Product model codes allow a maximum of 80 PSI. Check local codes or standards for requirements).
 - e. Damage or loss resulting from electrical surges or lightning strikes or other acts which are not the fault of TOTO or which the Product is not specified to tolerate.
 - f. Damage or loss resulting from normal and customary wear and tear, such as gloss reduction, scratching or fading over time due to use, cleaning practices or water or atmospheric conditions.
 - g. Tank flushing mechanisms of plastic or rubber moving parts.
 - h. Toilet seats of plastic, wood or metal.
4. In order for this limited warranty to be valid, proof of purchase is required. TOTO encourages warranty registration upon purchase to create a record of Product ownership at <http://www.totousa.com>. Product registration is completely voluntary and failure to register will not diminish your limited warranty rights.
5. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE, PROVINCE TO PROVINCE OR COUNTRY TO COUNTRY.
6. To obtain warranty repair service under this warranty, you must take the Product or deliver it prepaid to a TOTO service facility together with proof of purchase (original sales receipt) and a letter stating the problem, or contact a TOTO distributor or products service contractor, or write directly to TOTO U.S.A., INC., 1155 Southern Road, Morrow, GA 30260 (678) 466-1300 or (888) 295-8134, if outside the U.S.A. If, because of the size of the Product or nature of the defect, the Product cannot be returned to TOTO, receipt by TOTO of written notice of the defect together with proof of purchase (original sales receipt) shall constitute delivery. In such case, TOTO may choose to repair the Product at the purchaser's location or pay to transport the Product to a service facility.

WARNING! TOTO shall not be responsible or liable for any failure of, or damage to, this Product caused by either chloramines in the treatment of public water supply or cleaners containing chlorine (calcium hypochlorite). NOTE: The use of a high concentrate chlorine or chlorine related products can seriously damage the fittings. This damage can cause leakage and serious property damage.

THIS WRITTEN WARRANTY IS THE ONLY WARRANTY MADE BY TOTO. REPAIR, REPLACEMENT OR OTHER APPROPRIATE ADJUSTMENT AS PROVIDED UNDER THIS WARRANTY SHALL BE THE EXCLUSIVE REMEDY AVAILABLE TO THE ORIGINAL PURCHASER. TOTO SHALL NOT BE RESPONSIBLE FOR LOSS OF THE PRODUCT OR FOR OTHER INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OR EXPENSES INCURRED BY THE ORIGINAL PURCHASER, OR FOR LABOR OR OTHER COSTS DUE TO INSTALLATION OR REMOVAL, OR COSTS OF REPAIRS BY OTHERS, OR FOR ANY OTHER EXPENSE NOT SPECIFICALLY STATED ABOVE. IN NO EVENT WILL TOTO'S RESPONSIBILITY EXCEED THE PURCHASE PRICE OF THE PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTIES, INCLUDING THAT OF MERCHANTABILITY OR FITNESS FOR USE OR FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION AND EXCLUSION MAY NOT APPLY TO YOU.

TOTO®

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Rev Date:12/11



Warranty Registration and Inquiry

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