

INSTALLATION INSTRUCTIONS

BEFORE YOU BEGIN

- Please read these instructions carefully to familiarize yourself with the required tools, materials, and installation sequences. Follow the sections that pertain to your particular installation. This will help you avoid costly mistakes. In addition to proper installation, read all operating and safety instructions.
- All information in these instructions is based upon the latest product information available at the time of publication. Kohler Co. reserves the right to make changes in product characteristics, packaging, or availability at any time without notice.
- These instructions contain important care, cleaning, and warranty information-**please leave instructions for the consumer.**

NOTES

- Observe all local plumbing and building codes.
- Shut off the water supply.
- Seat post holes are on 140mm (5-1/2") centers.
- 51mm (2") passageway.
- Water depth from the rim is 157mm.
- Ensure that the new drain has the correct roughing-in dimension.
- Be very careful while working with vitreous china products. Vitreous china can break or chip if the bolts and nuts are over-tightened, or if carelessly handled.
- Carefully inspect the new fixture for any sign of Damage.
- Fixture dimensions and nominal and conform to tolerances established by ASME Standards (A112.19.2-2018)
- This product complies with Q/KCI-006-2018 and GB 25502-2017. Water Efficiency Grade 1.



WARNING: Risk of external leakage. The fill valve nut has been factory-tightened to design specifications. If re-tightening is required, wrench tighten 1/4 turn past finger tight.

TOOLS AND MATERIALS REQUIRED (Not supplied)

- 254mm (10") adjustable wrench.
- 305mm (12") pipe wrench.
- Metal file (file cut).
- Tape measure.
- Tubing cutter.
- Level.
- Hacksaw.
- Putty knife.
- Screwdriver.
- Toilet gasket (wax seal)
- Toilet installation flange.
- Toilet T-bolt (2), 8mm (5/16") diameter.
- Toilet supply shut-off valve.

NOTICE: If the existing toilet does not have a shut-off valve below the tank, install one before installing the new toilet.

* Flexible hose are recommended to connect the supply line to the fill valve. If you use a rigid connection, take care not to apply side forces to the bottom of the fill valve.

INSTALLATION

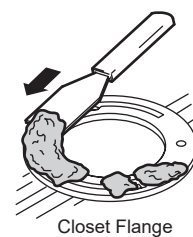
TO REMOVE EXISTING TOILET

Turn off the water supply. Flush the toilet, and use a sponge to remove the remaining water from the tank and bowl. Disconnect the supply shut-off valve (if present), and remove the old tank and bowl.

INSTALLATION

Remove the old gasket from the floor and the closet flange with a putty knife. Remove the old T-bolts and discard them.

NOTICE: If the new toilet is not installed immediately, temporarily stuff a rag into the closet flange.

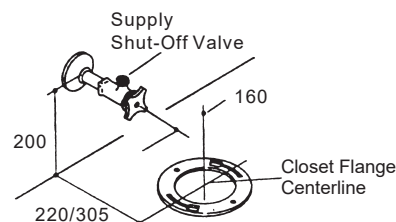


NOTICE: Do not use white cement or high lime content cements to install the toilet. The expansion of cement due to a rise in temperature may make the toilet crack or cause damage. Kohler is not responsible for any damage caused by installation with the use of cement.

TO INSTALL SUPPLY SHUT-OFF VALVE

Install the supply shut-off valve so it is 200mm above the finished floor line, and 190mm to the left of the closet flange centerline.

The centerline of the supply shut-off valve outlet should extend 67mm from the finished wall. Install the supply shut-off valve with the outlet vertical.



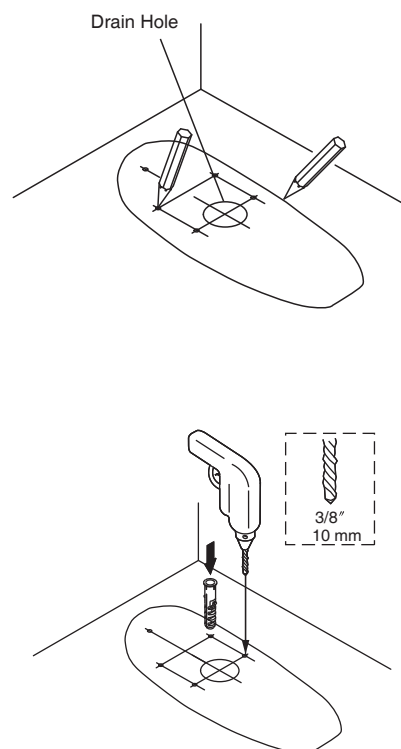
TO INSTALL BOWL

Position the template and align with drain hole.

Mark down the position of foot and 5 holes.

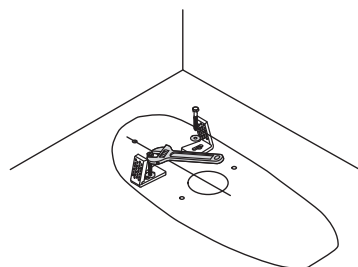
Drill holes on ground with the drill of 10mm (3/8"), then insert anchor to holes.

CAUTION: Please make sure there is no water pipe or spool under the 5 holes to be drilled.



INSTALLATION

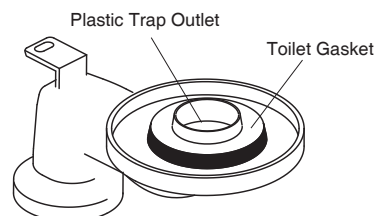
Install bracket



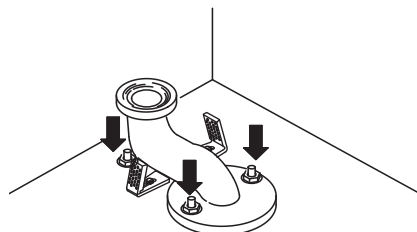
Firmly press the toilet gasket onto the toilet outlet of plastic.

NOTE 1: Wax ring type toilet gasket should not be installed at temperatures less than 21°C.

NOTE 2: If you are using a toilet gasket with an integral plastic sleeve, make sure the gasket is positioned with the sleeve facing away from the toilet.

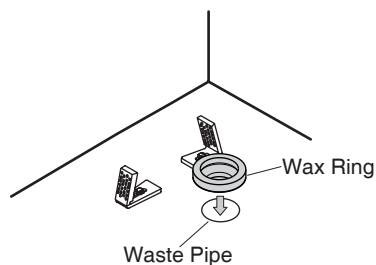


Install plastic to ground and mounted with 3 set of bolts (not supplied) firmly.

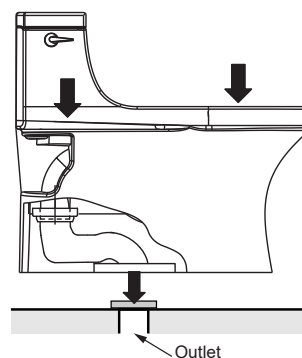


For Ceramic Trap Outlet

Install the wax ring on the floor.



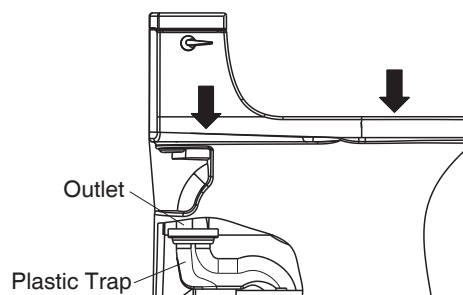
Carefully align and lower the bowl. Apply weight to the bowl rim, insert into waste trap.



INSTALLATION

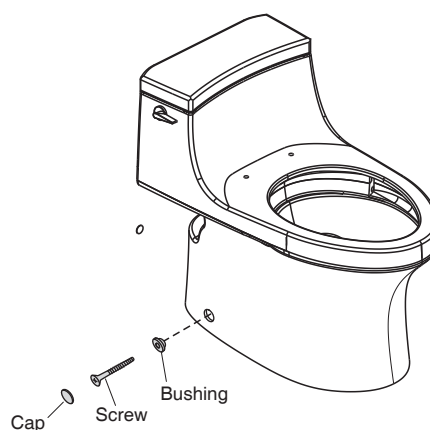
For Plastic Trap

Carefully align and lower the bowl. Apply weight to the bowl rim to let the outlet insert into plastic trap.

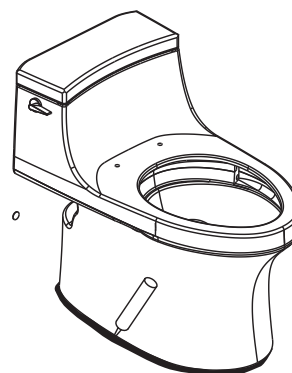


Carefully thread the screws into the brackets, until toilet is secure. Alternately tighten left and right sides to prevent pulling the toilet off center. Install cap to cover screw.

Do not overtighten.

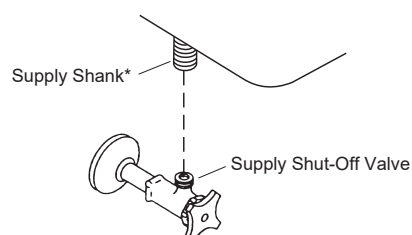


Apply silicone around base.



TO CONNECT WATER SUPPLY

* Flexible hose (not provided) are recommended to connect the supply line to the fill valve. If you use a rigid connection (not provided), take care not to apply side forces to the bottom of the fill valve. Be sure the rigid connection must be fit with supply line completely to prevent damage shank by forced connection.



INSTALLATION

IMPORTANT: Before turning on the supply valve for the first time, follow the steps below to clear sand, debris and rust from the system:

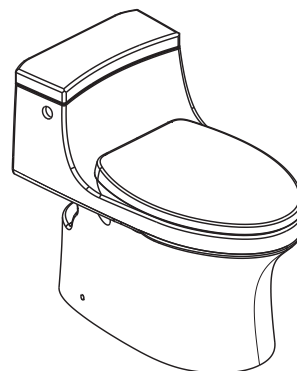
Make sure water supply is off. Remove valve END by rotating it 1/8 turn counterclockwise.

While holding a container over the uncapped VALVE to prevent splashing, turn water supply on and off a few times. Leave water supply off.

Replace END by engaging lugs and rotating 1/8 turn clockwise, **Make certain the top is turned to the locked position. Valve may not turn on if top is not fully in the locked position.**

Turn on water supply. Check that water level is at the marked water line.

Install the tank lid and the seat. Use the supplied hardware pack for seat. Periodically check for leaks for several days following the installation.



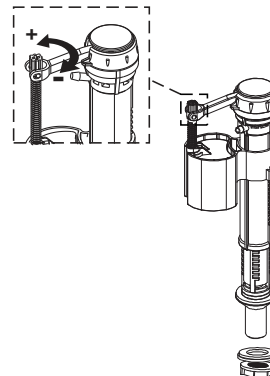
FILL FLOAT WITH BALLAST

Adjust the float by the cross-shaped thread and sliding it up or down on the float rod until the water level is at the marked water line.

Test flush the toilet.

Check all connections for leakage for several days.

Set the tank cover in place on the tank.



TROUBLESHOOTING CHART

SYMPTOMS	PROBABLE CAUSES	CORRECTIVE ACTION
1. Fill valve turns on/off by itself without toilet being flushed.	A. No slack in flapper chain assembly, holding flapper off seat. B. Flush valve flapper ball worn, dirty or misaligned with flush valve seat; or seat corroded so flapper will not seat.	A. Adjust flapper chain assembly for proper slack. B. Inspect, clean and, if necessary, replace flapper ball and/or seat.
2. Fill valve continues to run, allowing water to enter tank.	A. Foreign particles lodged under the float valve seal (located under fill valve cap). B. Fill valve seal (located under float valve cap) may be cracked or split. C. Tank water level set above overflow level. D. Water leaking past flush ball. E. Trip lever binding, holding flush ball open.	A. Shut off water supply; remove fill valve cap assembly by rotating 1/8 turn counter-clockwise. Cover uncapped lower valve unit with an inverted cup (holding it to prevent overspray), and turn water on and off a few times. Clean fill valve seal surface (located under float valve cap). Replace fill valve cap assembly by engaging lugs and rotating 1/8 turn clockwise. Turn water on. Install filter in supply line to prevent recurring problems. B. Replace seal. C. During fill cycle, hold float under water a few seconds to allow it to fill with water ballast. Adjust float by adjust the cross-shaped thread on float rod and sliding float up or down on float rod until water level is at marked water line. D. Replace flush ball. E. Turn trip lever nut clockwise to loosen until trip lever on longer binds.
3. Incorrect water level height.	A. Valve float cup does not contain enough water to provide required ballast. B. Float height incorrect.	A. During fill cycle, hold float under water a few seconds to allow it to fill with water ballast. B. Adjust the cross-shaped thread on float rod until water level is at marked water line.
4. Long or noisy tank fill cycle.	A. Plugged valve inlet or supply line.	A. Perform Corrective Action 2.A.
5. Poor flush	A. Water level is too low. B. Trapway or rim holes are obstructed. C. Soil pipe or vent is obstructed. D. Supply shut-off valve not fully open.	A. Adjust tank water level. B. Unclog trapway; clean rim holes. C. Clean obstruction from soil pipe or vent. D. Open supply shut-off valve.
6. Toilet overflows.	A. Toilet trapway is obstructed. B. Soil pipe or vent is obstructed.	A. Use plunger to unclog. B. Clear obstruction from soil pipe or vent pipe.

IMPORTANT CONSUMER INFORMATION

CONSUMER RESPONSIBILITIES

Clean the outside surfaces of your vitreous china fixture with mild soap and warm water. Wipe the entire surface completely dry with a clean, soft cloth. Many cleaners contain harsh chemicals, such as ammonia, which can damage the finish. Do not use those cleaners.

If you live in a hard water area, make certain that the holes in the toilet rim are kept clean to ensure proper bowl flushing. Toilet bowl cleaners should be used at least once a week. Use a long-handled brush to clean the rim holes, and to clean as far into the trap as possible to prevent mineral deposits from forming.

Most toilet bowl cleaners are not harmful to the vitreous china surface of the bowl toilet. Please follow the bowl cleaner manufacturer's instructions carefully.

Do not use abrasive cleaners or solvents.

 **WARNING: Risk of property or product damage.** Do not use in-tank cleaners. Products containing chlorine (calcium hypochlorite) can seriously damage fittings in the tank. This damage can cause leakage and property damage.

Kohler Company shall not be responsible or liable for any damage to these tank fittings caused by the use of cleaners containing chlorine (calcium hypochlorite).

 **CAUTION: Don't use any cement while installing the toilet.** Heat expansion of the toilet may damage the feet of the toilet. Kohler will not be responsible for any damage because of using cement.

 **WARNING: Risk of product damage.**
Do not throw into the toilet what is easy to block it, such as newspaper, paper pilch, sanitary towel. Do not bump the vitreous china with great force to prevent it from damaging and leaking.
Do not use the product in the water below 0°C.

 **CAUTION:** Please do not use hard materials (like scouring pad) to clean product surface, especially the product logo.



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