

1. BEFORE YOU BEGIN

HOW TO USE THESE INSTRUCTIONS

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 aid you in avoiding the unnecessary expense associated with improper installation. In addition to proper installation, read all operating and safety instructions.

All information in these instructions is based on 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 for the consumer.

INSTALLER HAZARD NOTIFICATION



WARNING: Risk of injury or product damage.
Handle vitreous china products very carefully. Vitreous china can break and chip if you over-tighten bolts and nuts.

NOTE: Follow all local plumbing and electrical codes.

PRODUCT PROPERTIES

- Vitreous china 2-piece toilet.
- Distance from rim to water surface is 6-3/4".
- 2" passageway.
- For roughing-in and overall dimensions, **see Fig. #2.**
- Fixture dimensions are nominal and conform to tolerances by ANSI standards (A112.19.2).

PRODUCT REQUIREMENTS

- The toilet **MUST** have a 3/8" I.D. water supply that is 10-1/4" above the floor and 5-1/8" left of the closet flange centerline. 25 p.s.i. running pressure is required at the shut-off valve.
- Since all toilets do not have the same supply rough-in, you may have to change the location of the supply stop to install this toilet.
- Closet flange must be 12" on-center from wall.
- Seat post holes are on 5-1/2" centers.

ORDERING INFORMATION

Fleur™ Waterguard® Toilet Bowl	K-4227-**-AA
Tank with Tank Cover	K-4586-**-AA
Tank Cover	80006-**-AA
Bolt Caps	52048-**-AA
Float Valve	30672-AA
Flush Valve	500176-AA
Actuator	500173-AA
Seat and cover	82836-**-AA

When specified:

3/8" supply	K-7638-AA
Floor bolts (pr.)	21401-AA

NOTE: For service parts ordering information, see separate Service Parts document enclosed with product.

MATERIALS REQUIRED

- Closet flange
- Toilet gasket (wax seal)
- Toilet T-bolts (2) 5/16" diameter
- Toilet setting compound (optional)
- Toilet supply shut-off valve, 3/8" required

TOOLS REQUIRED

- 10" adjustable wrench
- 12" pipe wrench
- Screwdriver
- Tape Measure
- Tubing cutter
- Level
- Putty knife
- Hacksaw/metal file (for shortening T-bolts)

NOTE: Site preparation may require additional tools.

2. SITE PREPARATION

REMOVE EXISTING TOILET

NOTE: Carefully inspect new fixture for any sign of damage before removing existing toilet.

Turn off water supply.

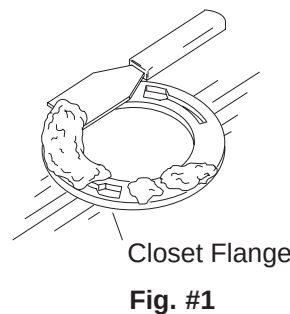
Flush the toilet and sponge out remaining water from tank and bowl.

Disconnect supply valve and remove old tank and bowl.

Remove old gasket from the floor and closet flange with a putty knife.

Remove old T-bolts (the T-shaped bolts in the closet flange) and discard.

⚠ CAUTION: Risk of hazardous gases. If new toilet is not installed immediately, temporarily stuff a rag in the closet flange.



ROUGH-IN PLUMBING

Turn off water supply.

Install or relocate supplies and outlets as necessary to conform to roughing-in dimensions. **See Fig. #2.** For shut-off valve location, **see Fig. #3.**

ROUGHING-IN DIMENSIONS

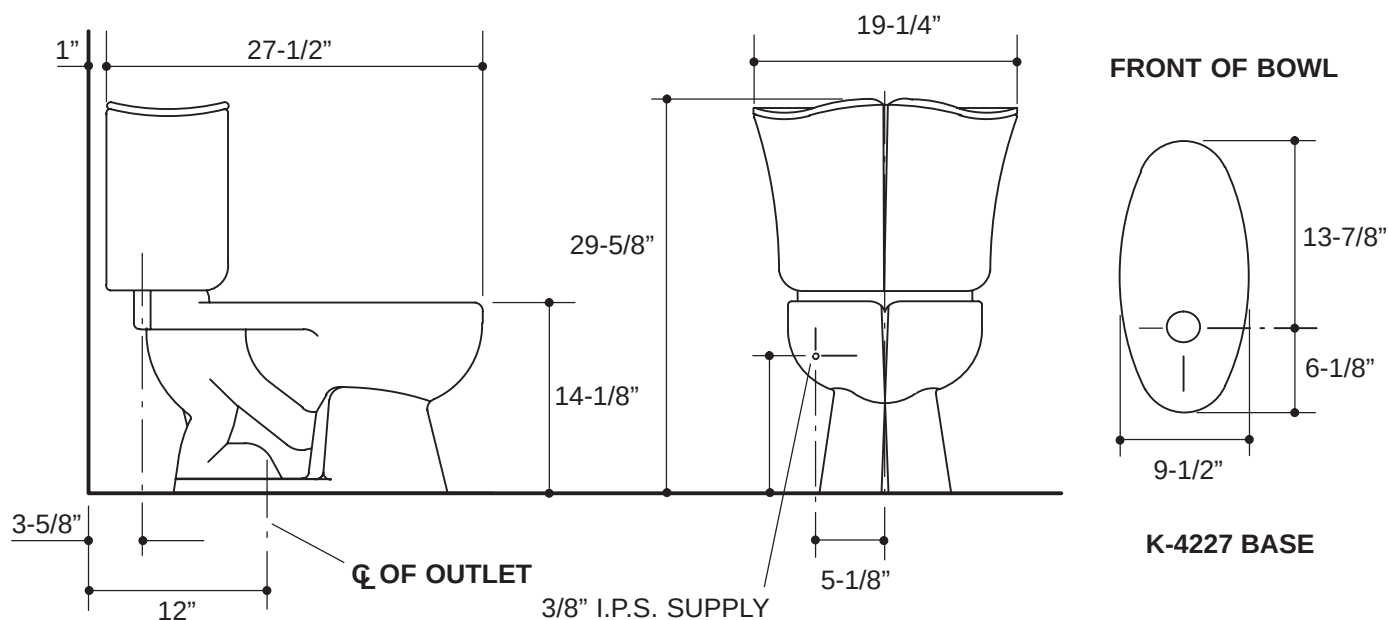


Fig. #2

3. INSTALLATION

INSTALL NEW SHUT-OFF VALVE

For supply installation, refer to instructions packed with supply stop.

Locate supply shut-off valve so it is "10-1/4" above floorline and 5-1/8" to the left of the centerline of the closet flange.

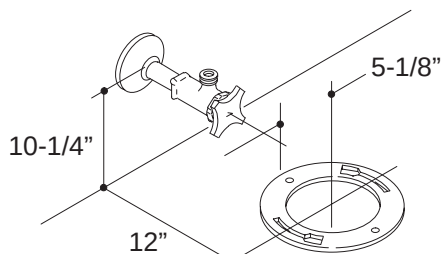


Fig. #3

Install new 5/16" diameter T-bolts.

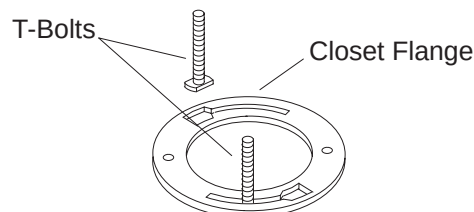


Fig. #4

INSTALL TOILET GASKET

Place toilet upside down in padding.

Firmly place gasket on toilet outlet. If using a gasket with integral plastic sleeve, position gasket with sleeve facing away from toilet.

If desired, place a 1/4"-thick bead of toilet setting compound around base.

NOTE: If a rag or other plug was placed in closet flange, remove rag from closet flange before setting toilet.

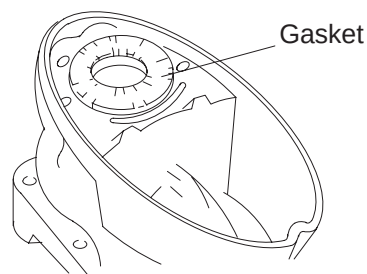


Fig. #5

ALIGN AND SET TOILET

Carefully align and lower toilet over the closet flange and T-bolts.

CAUTION: Risk of external leakage. Do not lift or rock toilet after placement. A new gasket must be reapplied if you break the watertight seal.

Apply full body weight to toilet rim to set seal.

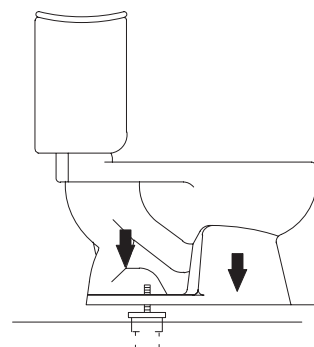


Fig. #6

SECURE TOILET

Assemble bolt cap bases, washers, and nuts on exposed T-bolts.

CAUTION: Risk of personal injury or product damage. Over-tightening may cause breakage or chipping.

Hand-tighten nuts, then tighten an additional 1/2-turn with wrench. If T-bolts extend more than 1/4" from top of nut, cut off excess with a hacksaw and file cut edges. Wipe away any residue. Install bolt caps.

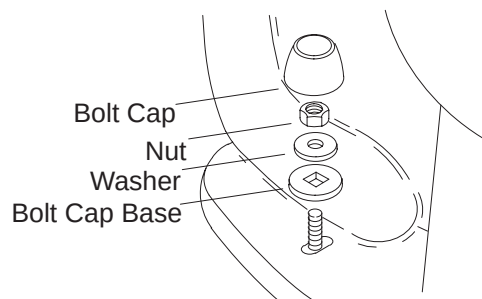


Fig. #7

TO INSTALL NEW TANK

Unscrew the pushbutton and remove the tank lid.

Remove bags located in the tank. Assemble tank gasket into place and lower the tank onto the base, carefully aligning the holes on tank and base.

Insert rubber washers, washers, and screws inside the tank. Make sure the tank screws extend through the holes in the toilet base.

Assemble the brass washers and nuts to the screws from under the tank.

CAUTION: Risk of personal injury or product damage. Overtightening may cause breakage or chipping.

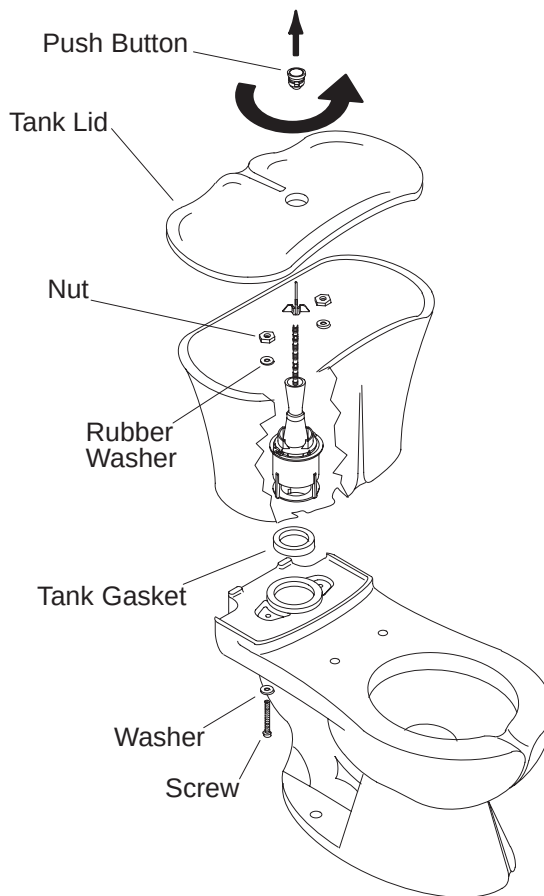


Fig. #8

INSTALL SEAT

Place rubber washers on the seat hinges and position in holes located on toilet base. Tighten nylon nuts onto seat hinges extending through bottom of bowl.

TO CONNECT WATER SUPPLY

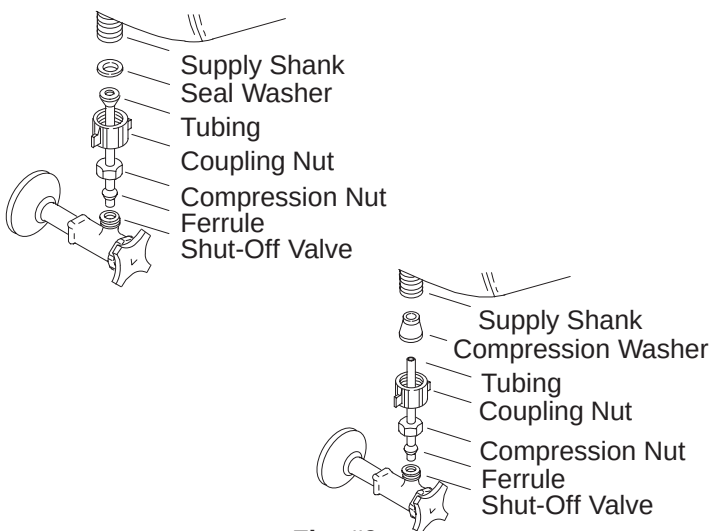
NOTE: Read carefully before performing this step.

For supply installation, refer to instructions packed with shut-off valve. Carefully bend tubing to fit.

Cut tubing end 1/4" longer than distance between shut-off valve and supply shank. Remove any burrs from inside of tube.

Slip coupling nut, compression nut, and ferrule onto tubing. Insert tubing into shut-off valve and supply shank, positioning seal washer (supplied) or compression washer (not supplied) as shown. Hand-tighten coupling nut and then tighten compression nut.

 **CAUTION: Risk of product damage.** Do not overtighten or you may deform connections and cause a leak. Do not use tools to tighten plastic nuts.



CHECK FOR LEAKS

Turn on shut-off valve and check for leaks. If connections are squarely assembled, a slight re-tightening of the nuts will stop any leaks. Check all connections for leaks for several days. The nuts under the bolt caps may also require re-tightening.

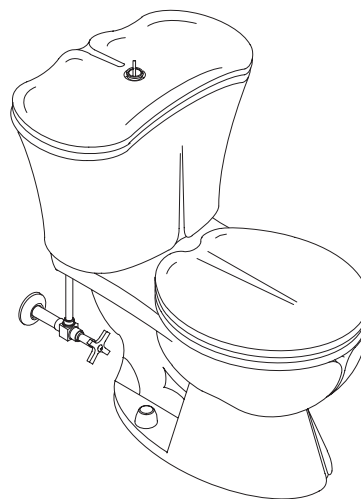


Fig. #10

TO ADJUST WATER LEVEL

To obtain the correct water level in the tank, adjust the Tank Water Level Screw, by turning counterclockwise to raise the water level, or clockwise to lower the water level.

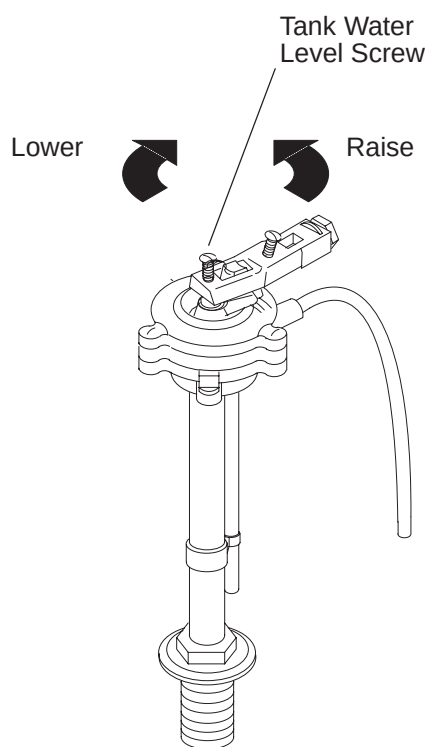


Fig. #11

4. TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
1. Poor flush or poor rim wash.	A. Low tank water level. B. Undersize supply. C. Supply stop not fully open. D. Low bowl water level. E. Volume control not properly adjusted F. Clogged trapway or rim holes. G. Clogged soil pipe or vents.	A. Adjust tank water level screw. B. Install 1/2" supply. C. Fully open supply stop. D. Adjust bowl water level. E. Increase flow by turning upward. F. Unclog trapway or clean rim holes. G. Unclog soil pipe or vent pipe.
2. Excessive noise.	A. Plunger needs lubrication. B. Plunger needs replacing.	A. Lubricate plunger with silicone lubricant B. Replace plunger.
3. Valve does not shut off and water is flowing into the overflow. NOTE: After tank is filled to water level line, turn off supply stop; see if water level drops.	A. Defective plunger. B. Water level too high in tank. C. Leaky float ball. D. Leaky float valve seat.	A. Replace plunger. B. Lower water level to below rimfeed hose. C. Replace float ball. D. Replace seat washer.
4. Bowl seal does not recover. NOTE: May be caused by temporarily reduced water pressure.	A. Seal screw needs adjusting. B. Clogged soil pipe or vents.	A. Adjust seal screw. B. Unclog soil pipe or vent pipe.
5. Toilet flushes by itself.	A. Line pressure surges activate float valve. B. High water pressure.	A. Install pressure surge suppressor. B. Install pressure regulator.
6. Toilet overflows	A. Toilet is clogged.	A. Use plunger to unclog toilet.

5. IMPORTANT CONSUMER INFORMATION

CONSUMER RESPONSIBILITIES

If living in a hard water area, make certain that the holes in the rim are kept clean for 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 toilet bowl. Some in-the-tank toilet cleaners may contain calcium hypochloride which may be harmful to the brass fittings inside the tank. Please follow the bowl cleaner manufacturer's instructions carefully.

Do not use abrasive cleaners or solvents.

REQUESTING SERVICE

Please take a moment to familiarize yourself with the Kohler Warranty, its benefits, and limitations. Kohler Co. and its distributors support you with one of the largest Service Networks of its type. Here's what you need to do if you require service:

FIRST: Contact the dealer or contractor who sold and installed the product. They should be able to solve any problems you may have.

SECOND: If your dealer or contractor cannot solve the problem, they will contact or supply you with the name of the local Kohler Distributor and the:

 KOHLER TECHNICAL SPECIALIST

THIRD: If you are unable to obtain warranty service through either your contractor or Kohler Co. distributor, please write us directly at Kohler Co., Attn: Consumer Affairs Department, Kohler, WI 53044 U.S.A.

FOURTH: Include all pertinent information regarding your claim, including a complete description of the product, model numbers, colors, finishes, and the date the product was installed. Include a description of the problem, and a photocopy of your invoice for the products involved. Also give us the name of the contractor and distributor.

LIMITED ONE-YEAR WARRANTY

Kohler plumbing fixtures and fittings are warranted free of manufacturing defects.

Kohler Co. will, at its election repair, replace, or make appropriate adjustment where Kohler Co. inspection discloses any such defects occurring in normal usage within one year after installation. Kohler Co. is not responsible for installation costs.

To obtain warranty service, contact Kohler Co. either through your Dealer or Plumbing Contractor or by writing Kohler Co., Attn: Consumer Affairs Department, Kohler, WI 53044 U.S.A.

Implied warranties, including that of merchantability, are expressly limited in duration to the duration of this warranty. Kohler Co. disclaims any responsibility for consequential damages.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so this limitation and exclusion may not apply to you. This warranty gives you specific legal rights. You may also have rights which vary from state to state.

This is our exclusive written warranty.

KOHLER CO., KOHLER, WISCONSIN 53044