



NIAGARA®

Item # 33.0302

USE AND CARE GUIDE

HIGH EFFICIENCY TOILET



Questions, problems, missing parts? Before returning to the store, call Niagara Customer Service.
8 a.m. – 6 p.m., EST, Monday-Friday or visit niagaracorp.com/support.

1-888-733-0197

THANK YOU

We appreciate the trust and confidence you have placed in Niagara through the purchase of this toilet. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Niagara!

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Safety Information



WARNING: Handle with care. Vitreous chinaware is glasslike with sharp edges if broken. Do not drop, handle roughly, or overtighten bolts.



WARNING: Risk of hazardous gases. If a new toilet is not installed immediately, temporarily plug the floor flange hole with a towel (or cover) to block sewer gases from escaping.



CAUTION: Observe local plumbing and building codes.

Warranty

LIMITED LIFETIME WARRANTY

Niagara® warrants its vitreous china products, excluding plumbing fittings and toilet tank trim products – (see specific warranty exclusions outlined on warranty card inside or on niagaracorp.com for these fill and flush valve assembly components) to be free from defects in materials or workmanship for the lifetime of this product to the original purchaser starting from the date of purchase. Niagara promises to provide a replacement vitreous china part for any vitreous china part of this product that proves upon our inspection and from the date of purchase, to be defective in material or workmanship. All labor for uninstalling and reinstalling and transportation costs or charges incidental to warranty service is to be borne by the owner. Niagara provides no warranties, written or oral, beyond those contained in this document.

Contact the Customer Service Team at 1-888-733-0197.

Pre-Installation

PLANNING INSTALLATION

Before beginning installation of this product, make sure all parts are present. Compare parts with the Hardware Included and Package Contents lists. If any part is missing or damaged, do not attempt to assemble, install, or operate the product. Contact customer service for replacement parts.

Estimated Assembly Time: 60 minutes

TOOLS REQUIRED



Putty Knife



Carpenters Level



Toilet Water Supply Line



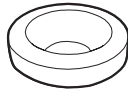
Hacksaw



Adjustable Wrench



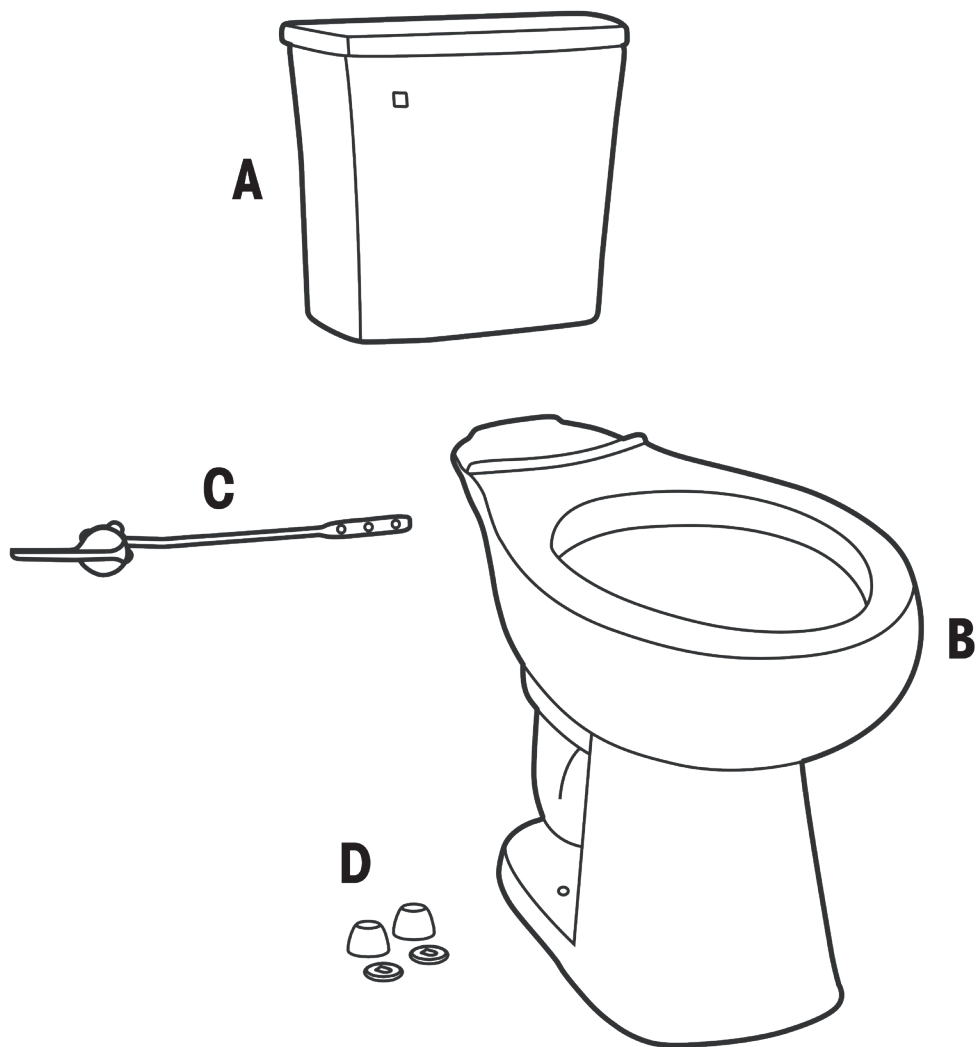
Toilet Seat



Wax Ring And Associated Hardware

Pre-Installation (continued)

PACKAGE CONTENTS



Part	Description	Quantity
A	Tank with cover	1
B	Toilet bowl	1
C	Toilet lever handle assembly (pre-installed)	1
D	Bolt cap set	1

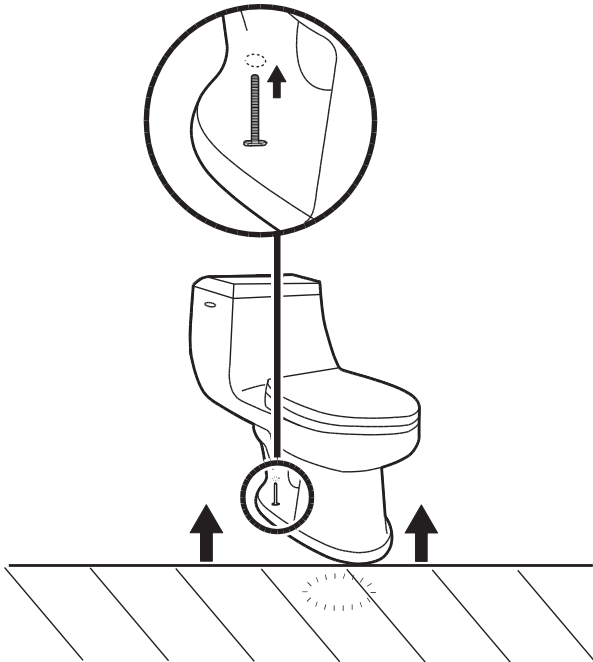
Installation

1 Removing the old toilet

- Turn off the water supply and flush the tank completely. Towel or sponge remaining water from the tank and bowl.
- Disconnect and remove the old water supply line.
- Remove the bowl from the floor by removing the bolt caps and the floor bolt nuts
- Remove the floor bolts from the toilet flange and clean old wax, putty, and sealant from the base area.
- Temporarily plug the floor flange with a towel or cover to block sewer gases from escaping.

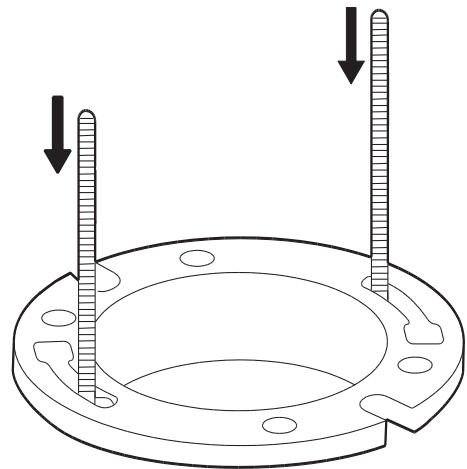


NOTE: The mounting surface must be clean and level before the new toilet is installed.



2 Installing the floor bolts (not supplied)

- Insert the T-bolts into the slots on the toilet flange with the bolt heads down and threaded ends facing up. The heads of the T-bolts should be perpendicular to the slot opening in the toilet flange
- Secure bolts with retained washer, if available.



3 Installing the wax ring (not included)

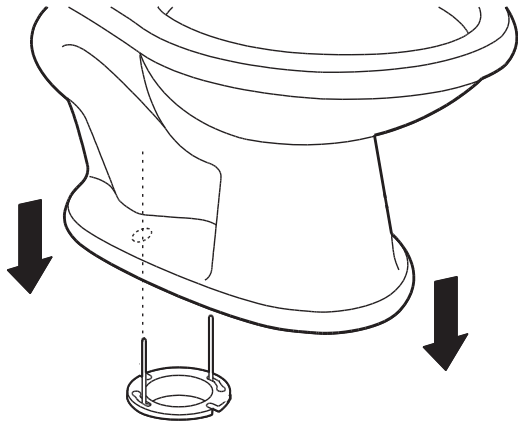
- Turn the toilet bowl (B) upside down onto a towel or cushioned surface. Firmly press new wax ring (not supplied) evenly around the toilet bowl's horn, with rounded (tapered) end of wax ring facing the toilet. If the wax ring(not supplied) has a black plastic cone extension, that should be facing away from the toilet.



Installation (continued)

4 Installing the toilet

- Place the toilet bowl (B) over the toilet flange in alignment with the T-bolts so they protrude through the slots on the base of the toilet bowl (B). Press down on the toilet bowl (B). Apply weight evenly. Do not move after placement. Watertight seal may be broken.



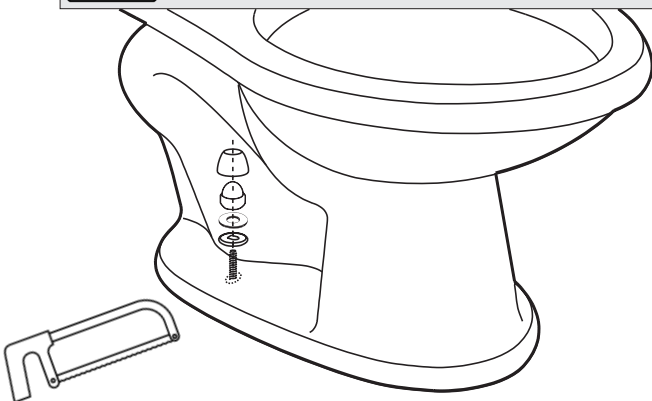
NOTE: Remember to remove temporary plug from the floor flange prior to placing the bowl

5 Securing the toilet

- From the backside of the toilet (B), place the plastic discs over the T-bolts, noting 'THIS SIDE UP' on the top of the discs, followed by metal washer and hex nut.
- Tighten hex nut onto the floor bolts to secure the position of the plastic discs.
- Use hacksaw blade to cut bolt 1/4" above hex nut.
- Place the bolt cap covers over the T-bolts and snap into place.

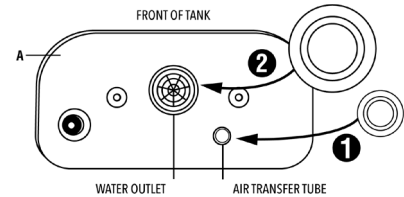


CAUTION: Do not overtighten the nuts. May cause severe damage.

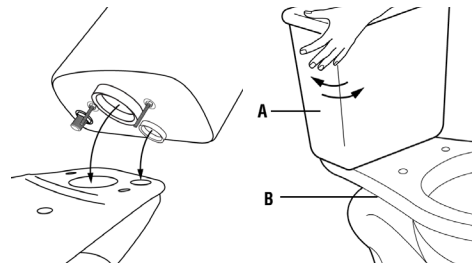


6 Installing the tank

- Confirm sealing gaskets are affixed to the underside of tank (A). The small silicone gasket (1) should be around the air transfer tube (small tube) & the black rubber gasket should be around the larger water outlet.



- Place the tank (A) on the toilet bowl (B) with bolts protruding out underneath.
- With hands placed on each side of the top of the tank, press down while giving the tank a small wiggle / rotation movement to assure the tank is properly seated. In doing so you may feel a small displacement as the tank moves into position.

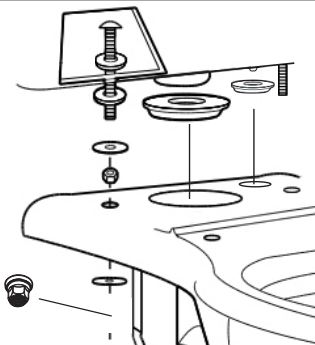


NOTE: It is important that the tank is properly aligned on the bowl to assure vacuum function is working correctly to optimize performance of the toilet.

- Place plastic retaining washer onto bolt, followed by captive washer nut.
- Tighten the captive washer enough so that the tank (A) sits level and secure on the toilet bowl (B). Begin by first snugging up on side opposite the handle, then alternate sides till tight. Make sure the tank (A) is parallel to the wall and straight on the toilet bowl (B).



CAUTION: Do not overtighten the nuts. May cause severe damage.



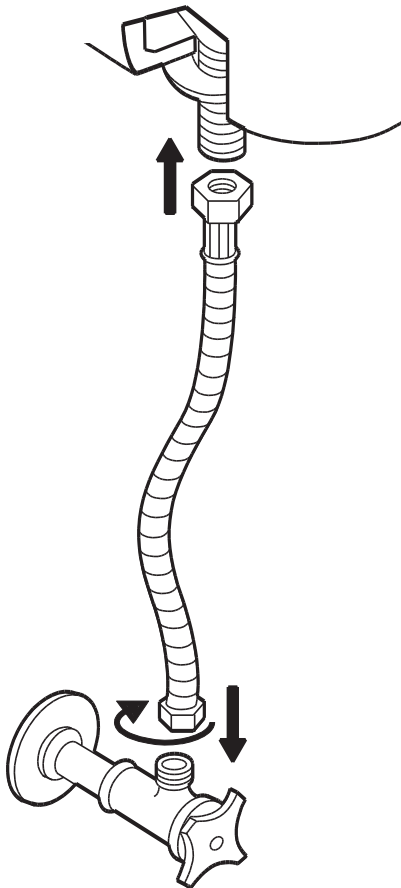
Installation (continued)

7 Connecting the water supply line

- Connect the water supply line (not included) to the wall valve. Slightly open wall valve to flush the water supply line for a few seconds to remove any debris that may enter the fill valve
- Tighten the tank connection coupling nut $\frac{1}{4}$ turn beyond hand tight.
- Turn on the supply valve and allow the tank (A) to fill
- Check for leakage at all connections and tighten or correct as needed.

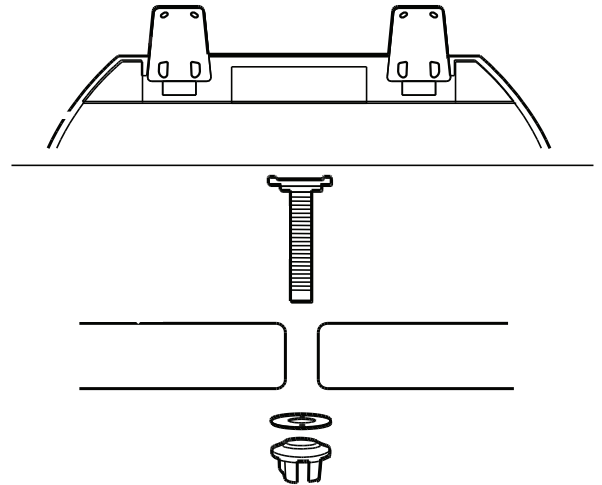


NOTE: Do not overtighten the tank connection.



8 Installing the toilet seat (not included)

- Place toilet seat on top of toilet bowl rim. Position seat to best align with bowl shape & hinge mount locations.
- Use hardware supplied with seat to secure the seat to the bowl. Feed bolts through the hinge and toilet bowl. Tighten with washers and nuts.
- If hinges have covers, secure them in place.
- Open and close the lid and jiggle the seat to confirm that it's secure.



Care and Cleaning

Your new toilet is made of stain-, acid- and abrasion-resistant vitreous china. Clean the outside surface with mild soap, warm water and a soft cloth. On stubborn stains use a powdered detergent and damp sponge or nylon scouring pad. Never use abrasive scouring powders, cleansers or pads because they will scratch, damage and dull the surface. The manufacturer shall not be responsible or liable for any tank fitting damage caused by the use of cleaners containing chlorine (calcium hypochlorite). When cleaning your toilet seat, wash it with mild soapy water. Rinse the seat thoroughly with clean water and dry with a soft cloth. Avoid detergents, disinfectants or cleaning products in aerosol cans. NEVER use abrasive scouring powders on your seat. Some bathroom chemicals and cosmetics may cause damage to the seat's finish, so test your cleaning solution on an inconspicuous area before applying to the entire surface.



WARNING: DO NOT USE IN-TANK CLEANERS. Products containing chlorine (calcium hypochlorite) can seriously damage tank fittings potentially causing leaks, excessive water use and property damage.

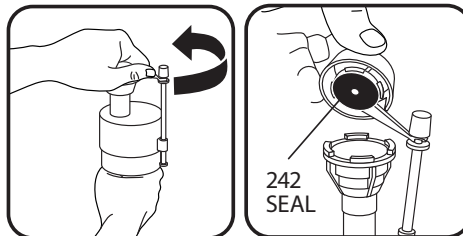
Troubleshooting

Problem	Solution
The fill valve does not turn on, will not turn off, or will not refill tank after the flush.	□ Remove top cap and check for debris. If you find debris or flow is weak; inspect lower section of fill valve for partial blockage. Partial blockage may be at shut off valve or in water supply line. (See "REMOVING THE VALVE CAP ASSEMBLY & FLUSHING OUT DEBRIS") □ If fill valve has been in use for some time and/or float cup does not drop when flushing tank, replace seal with a genuine Fluidmaster 242 seal (See "IF REPLACING SEAL")
The flush quality of the toilet is poor.	□ Re-seat the tank to assure proper connection. Loosen captive washer nuts holding tank several turns. With hands at the top of the tank on both sides, press down while performing a small rotation/wiggle movement to assure the tank is properly seated. In doing so you may feel a small displacement as the tank moves into position. □ Make sure the water level in the tank is up to the water line printed on the overflow tube of the flush valve. To increase the water level, turn the adjustment screw on the fill valve clockwise to raise the float cup. □ Check to make sure the flapper chain is not too loose. Adjust the chain length to ensure the flapper is able to completely close and that there is only a small amount of play left between the flush lever and the chain.
Water continues to run.	□ Check to ensure the flush valve seal is completely closed. Clear any debris from the flush valve seal and sealing area of the flush valve which may be obstructing full closure. □ Check to ensure the flush valve chain is not too tight. Adjust the chain length to ensure the flush valve seal is able to completely close and that there is only a small amount of play left between the flush lever and the chain.

Troubleshooting (continued)

REMOVING VALVE CAP ASSEMBLY

Turn off water supply and flush out tank. Push float up with right hand (see picture). Grip and hold shaft under float with right hand. With left hand, twist cap and lever counter clockwise 1/8th of a turn to unlock the top cap. Pressing down on top may be helpful with older valves. Let cap assembly hand out float cu .



FLUSHING OUT DEBRIS

Hold cup upside down over uncapped valve to prevent splashing. Turn water supply on and off a few times. Turn water supply off when putting cap back on valve.



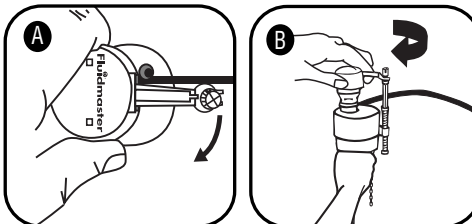
IF REPLACING SEAL

Use only a genuine Fluidmaster 242 seal.



REPLACING VALVE CAP

Place cap assembly on top of valve body by aligning cap arm and adjustment rod next to refill tube. Press down on top cap while rotating top arm clockwise to locked position.



Replacement Parts List

Part Name	Tank Model Number	Replacement Part Model Number
Fill Valve	☐ 33.0302	☐ C330302-7 (Fluidmaster Pro45)
Flush Valve	☐ 33.0302	☐ C330302-6 (Kylin D0101)
Flush Seal		☐ C7702-SS
Flush Handle		☐ C330302-4



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Retain this manual for future use.