



## TWO PIECE HIGH-EFFICIENCY TOILET

**Assembly and Installation, Care and Use Instructions**  
**IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY**

Check to make sure you have the following parts indicated below:



(A) Toilet Tank Cover



(B) Toilet Tank



(C) Toilet Seat



(D) Toilet Bowl



(E) Braided Hose



(F) Floor Bolts (2)



(G) Wax Ring



(H) Bolt Caps (2)



(I) Toilet Tank Assembly Bag :  
 (J) Toilet Tank Mounting Bolts (2 each)  
 (K) Rubber Toilet Tank Bolt Washers (2 each)  
 (L) Plastic Wing Nuts (4 each)  
 (M) Bevelled Washer (1 each)  
 (N) Channel Pads (2 each)

**Tools/Parts that may be needed (not included):**

Adjustable Wrench  
 Screwdriver

Carpenter's Level  
 Measuring Tape

Hacksaw  
 Sealant

Closet Flange  
 Angle Supply

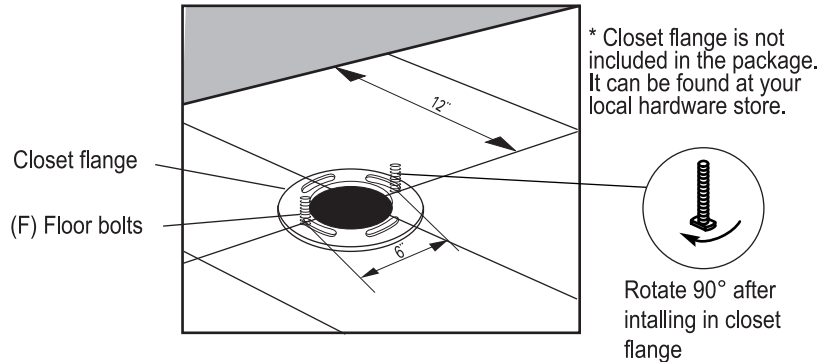
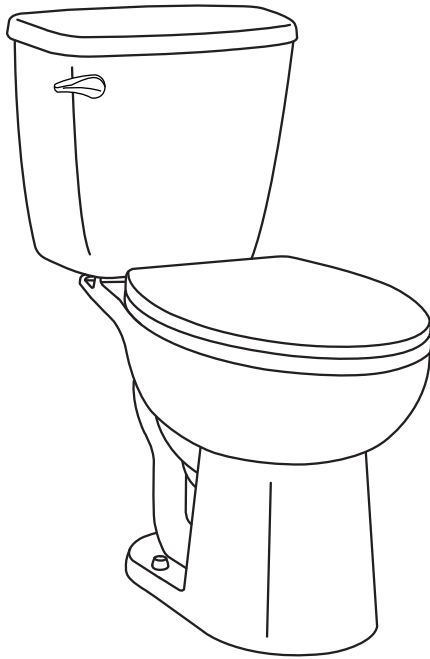
### Need Help?

Please call our toll-free Customer service line at **1-866-789-2273 (ENGLISH)**  
 for additional assistance or service.  
 Call Monday through Friday 8am-8pm, Saturday 9am-6pm (**EASTERN TIME**)

Model: C210912

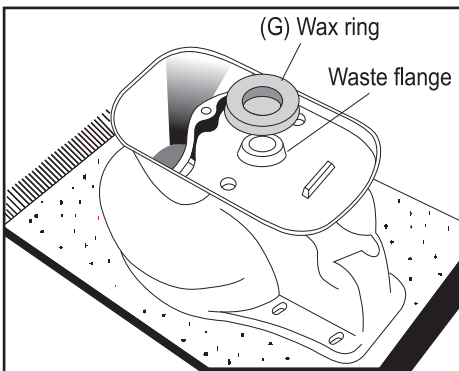
# Installation Procedure

Shut off main water supply before installation.



## 2 INSTALL FLOOR BOLTS:

Install floor bolts in the channel of the closet flange, turn 90°, and slide into place 6 in / 15.2 cm apart and parallel to wall.



## 1 INSTALL WAX RING:

Invert toilet on the floor (cushion to prevent damage). Install wax ring evenly around the waste flange with the tapered end of ring facing the toilet.



## 3 Use bolts in closet flange to align toilet.

Press down firmly and twist toilet bowl slightly to compress wax ring and assure a seal is created between the wax ring and closet flange.

## MAINTENANCE

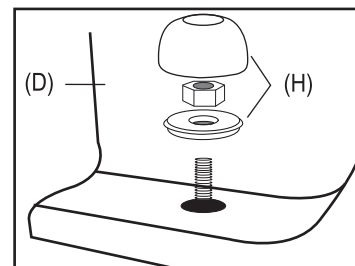
Wipe the outside of the toilet with a non abrasive cleaner and a soft towel. Make sure the complete surface is clean and dry.

NOTE: IMPROPER CARE MAY VOID THE WARRANTY



#### 4 INSTALL BOLT CAPS:

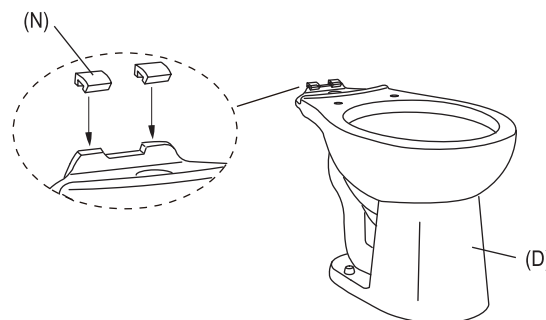
- i. Before securing the floor bolts, please make sure the toilet is level. (A carpenter's level could be used here)
- ii. Tighten nut carefully until the nut is just snug. Cut excess length from the floor bolt using a hacksaw then install bolt cap onto plastic bolt cap washer.  
**CAUTION: DO NOT OVERTIGHTEN NUTS OR BASE MAY BE DAMAGED!**



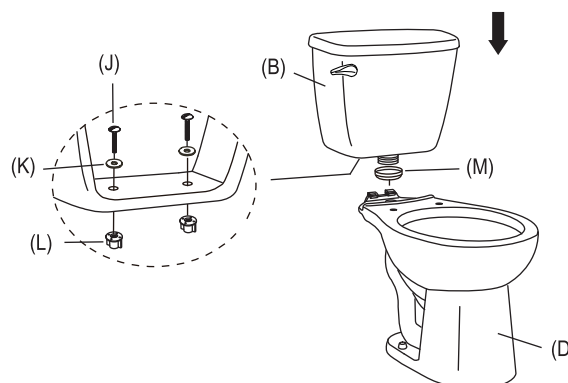
#### 5 INSTALL TANK:

- i. Before assembling tank (B) to bowl (D) check tightness of lock nuts on both flush valve and fill valve.

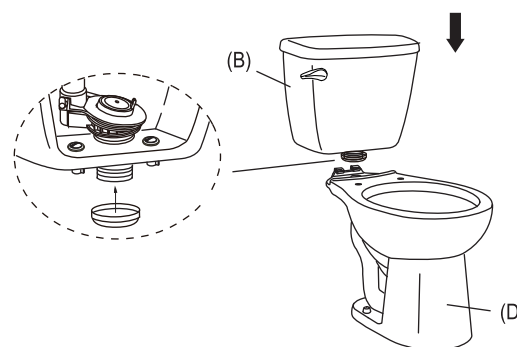
- ii. Place two channel pads (N) in recesses on back of bowl ledge to prevent porcelain-to-porcelain contact.



- iii. Assemble tank bolts (J) in tank with rubber washers (K) and plastic wing nuts (L). Wing nuts should be tightened by hand sufficiently to compress rubber washers and ensure water seal.



- iv. Assemble bevelled washer (M) to the flush valve shank so that the lock nut is enclosed in the recess, making sure that entire surface of the washer is in contact with the tank bottom.



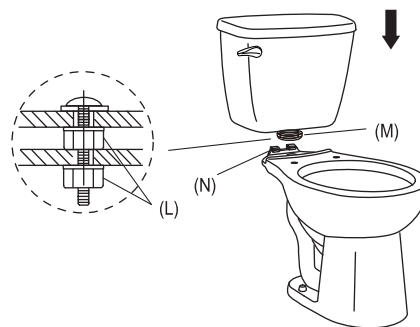
## MAINTENANCE

Wipe the outside of the toilet with a non abrasive cleaner and a soft towel. Make sure the complete surface is clean and dry.

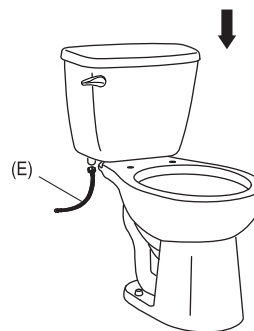
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- v. Place tank assembly in position. All parts are supplied. **DO NOT USE PUTTY.** Plastic wing nuts (L) are tightened by hand sufficiently to prevent rocking. Since the tank bolts are already sealed, the tank can be leveled by the relative amount that each wing nut is pulled down on the three points of contact...bevelled washer (M) and two channel pads (N).



- vi. The braided hose is used to connect the water supply line to the fill valve.

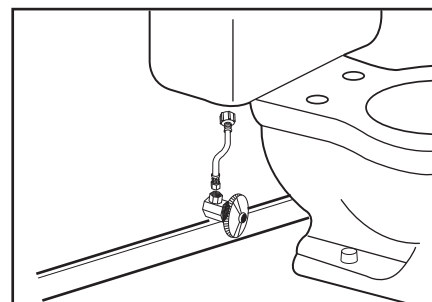


**DO NOT USE PIPE PLIERS! HAND TIGHTEN ONLY! OVERTIGHTENING MAY BREAK THE PORCELAIN AND WILL VOID THE WARRANTY!**

**DO NOT EXPOSE HOSE AND PLASTIC TRIM PARTS TO STRONG OXIDIZING AGENTS, CHLORINE, OR ACID LEVELS OF LOWER THAN 5.0 pH. SOME BOWL/TILE CLEANERS CONTAIN SUCH AGENTS. DO NOT PUT CHLORINE TABLETS IN TANK.**

**TANK TYPE BOWL CLEANERS CAN CAUSE TANK COMPONENT FAILURE AND DAMAGE. OUR WARRANTY EXCLUDES SUCH FAILURES.**

- 6 INSTALL WATER SUPPLY (not included):**  
Install braided hose and angle supply to the water supply pipe and the threads of the tank fill valve. **DO NOT USE TEFLON.** This could result in over-tightening and breakage. Be sure to install with slack in the hose to prevent strain.



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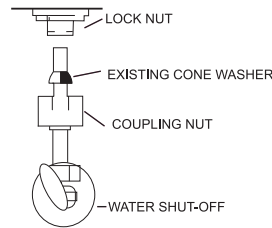
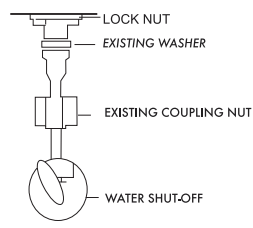
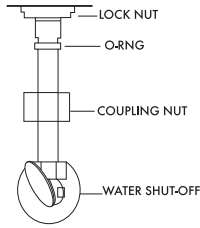
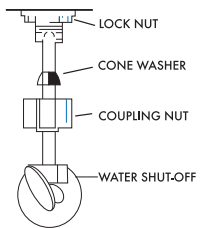
#### METAL COPPER TUBING

#### GALVANIZED PIPE (SEE NOTE)

#### METAL FLANGED TUBING

#### METAL SPIRAL TUBING

**CAUTION:** Overtightening of LOCK NUT or COUPLING NUT could result in breakage and potential flooding

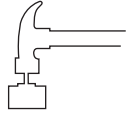


These parts must be used as illustrated to ensure water-tight connection. Use of existing coupling nut may result in water leakage. Water supply tube or pipe must extend at least 1/2" inside threaded shank of valve (does not apply to flanged tubing).

Use existing coupling nut and washer.

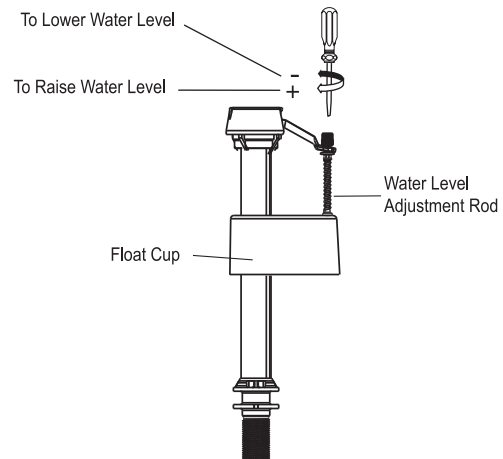
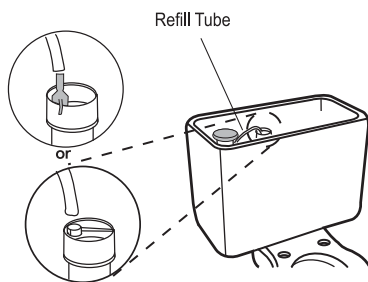
Use existing spiral cone washer. Cone washer may not seal completely on spiral type supply line.

**FOR GALVANIZED PIPE ONLY.** You must break out the center of the COUPLING NUT by striking it lightly with a hammer or blunt end of screwdriver handle. Discard center portion. Use O-RING instead of cone washer.



## 7 ADJUSTMENTS

- Ensure the refill tube is inserted into overflow tube.
- Flush tank and check that tank fills and shuts off at marked water line. Adjust water level adjustment rod on the fill valve if necessary. (Clockwise to raise level; counterclockwise to lower level.)
- Carefully position tank cover on tank.



## MAINTENANCE

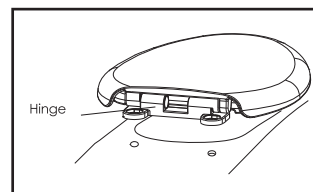
Wipe the outside of the toilet with a non abrasive cleaner and a soft towel. Make sure the complete surface is clean and dry.

**NOTE: IMPROPER CARE MAY VOID THE WARRANTY. DO NOT USE CLEANSERS ON HOSE OR PLASTICS COMPONENTS.**

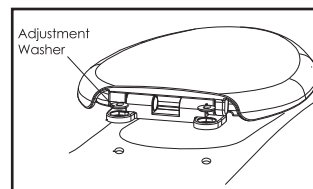


## 8 INSTALL TOILET SEAT

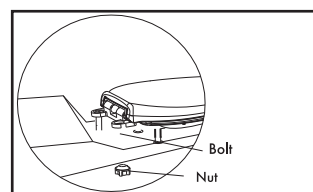
- i. Put the toilet seat on the toilet bowl aligning the installation hole of the hinge with the seat hole of the toilet bowl.



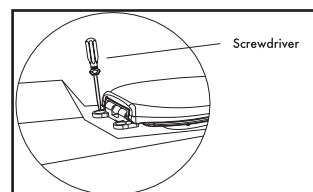
- ii. Place the adjustment washer into the installation hole of the hinge. Make sure the edge of the seat is aligned with that of the bowl. The orientation of the slot in the adjustment washer can be rotated to better align the seat with the bowl if necessary. Screw the nuts on the bolts until snug.



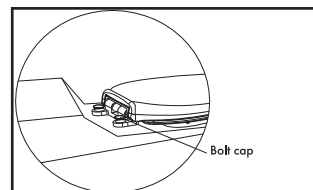
- iii. Put the bolt through the installation hole of the toilet seat and bowl.



- iv. Use a screwdriver to tighten.



- v. Close the hinge bolt caps and press firmly to make sure it is tight.



## Trouble-Shooting

The trouble-shooting guide will assist you, should any difficulties arise with your new tank.

### Need Help?

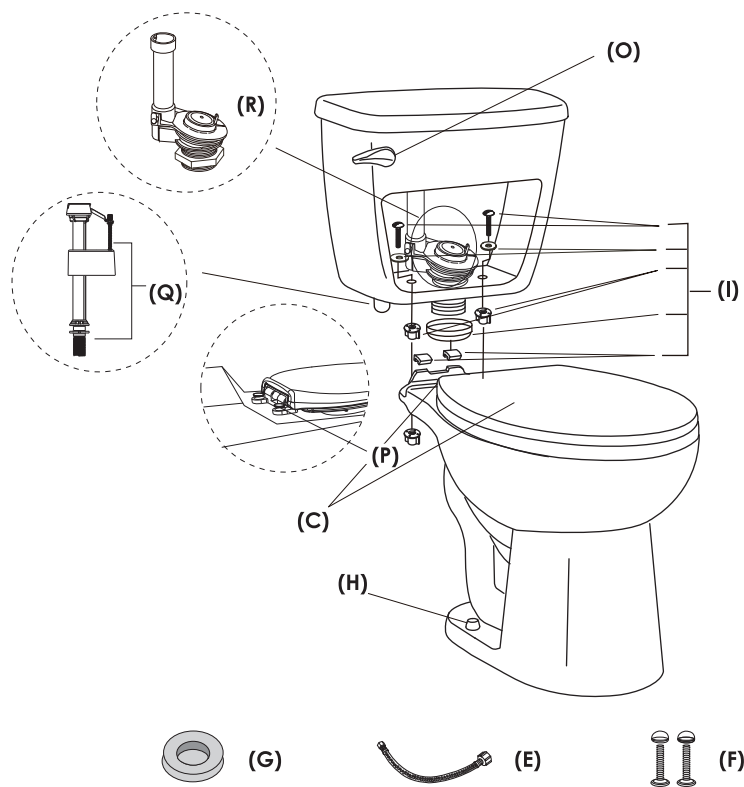
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Problem	Action
No water flow when flushed Water will not shut off	<p>Replace fill valve seal</p> <p>Ensure water is not flowing into the overflow tube, if so, lower water level by pinching the water level adjustment clip and lowering float cup on stainless steel link.</p> <p>Debris inside the head may be obstructing the seal. Remove cap, clean debris away and reassemble.</p> <p>Refill tube is inserted too far into overflow tube (below tank water level). Attach refill tube adaptor to top of flush valve overflow. Flow from the refill tube must be positioned directly over the overflow tube.</p>
Water dripping from cap during refill	This is normal for pilot type valves. This feature allows the pilot valve orifice to self clean during refill. The water may continue to drip for 10 or 15 seconds at the end of the refill cycle. It should stop when float rises to the full "off" position.
Water dripping from air ports during refill	This may indicate a very low water pressure condition. The dripping should stop when float rises to the "off" position.
Too little water in bowl	Ensure refill hose directed into overflow tube and the flow is not obstructed or restricted.

# Replacement Parts

Keep this manual for ordering replacement parts.



- (O) Flush Lever
- (I) Toilet Tank Mounting Hardware
- (R) Flush Valve
- (Q) Fill Valve
- (P) Seat Bolts
- (C) Seat
- (H) Plastic Bolt Cap & Washer Assembly
- (G) Wax Ring
- (E) Braided Supply Hose
- (F) Floor Bolts

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## WaterRidge Five Years Limited Warranty

All parts of the WaterRidge product are warranted to the original consumer purchaser to be free from defects in material and workmanship under reasonable use for a period of five years from the date of original purchase, as shown on the original consumer-purchaser's receipt

WaterRidge will replace" free of charge ", during the warranty period, any part that proves defective in material and/or workmanship under normal residential application. Avoid abrasive cleaners, steel wool and harsh chemicals. These will dull the finish and void your warranty.

THIS WARRANTY IS LIMITED TO REPLACEMENTS ONLY AND DOES NOT COVER OR INCLUDE LABOR CHARGES OR DAMAGE INCURRED IN INSTALLATION, REPAIR OR REPLACEMENT OR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES WHATSOEVER, NOR DOES IT COVER OR INCLUDE DAMAGES FOR PERSONAL INJURY, PROPERTY DAMAGE OR ECONOMIC LOSS.

Any damage to this product as a result of improper installation misuse, accident, neglect or any use that violates the instructions furnished by us, WILL VOID WARRANTY IMMEDIATELY. This warranty is only valid to the original consumer purchaser and excludes industrial, commercial use of the product.

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