



1.6 GALLON ONE PIECE TOILET

INSTALLATION INSTRUCTIONS

Installer: Leave this manual for homeowner.

Homeowner: Read this manual and keep for future reference.

Save These Instructions for Future Use.

Owner's Record

Date Purchased _____

Purchased From _____

Installed By _____

Serial Number _____

Model _____

BEFORE YOU BEGIN

READ AND FOLLOW ALL INSTRUCTIONS

- Observe all local plumbing and building codes.
- Carefully inspect the new toilet for damage.
- If the existing toilet does not have a supply shut-off valve below the tank, you will install one before installing the new toilet.
- Rough-in information is included with your toilet. The rough-in information shown will be helpful in placing the toilet, water supply piping, shut-off valves and drain in their proper positions.

⚠ CAUTION: Your new toilet is finished to an attractive high gloss. It may also be heavy and difficult to lift. To protect the finish and avoid possible damage before and after installation, please handle your toilet with care. Place the toilet on a thick bed of newspapers when working on it before installation.

TOOLS AND MATERIALS

You can determine which tools and materials are necessary by reading the complete installation instructions and examining the job you have to do.

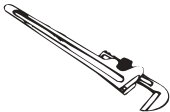
These are normally needed:

5/16" T-bolts w/nuts and washers
flat blade screwdriver
drill
saber saw or keyhole saw
emery cloth
dropcloth

basin or pail
putty knife
metal file
square
cardboard, newspapers or a
sponge



Level



Pipe Wrench
(12")



Adjustable Wrench
(10")



Safety Glasses



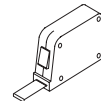
Wax Ring



Hacksaw



Tubing Cutter



Tape Measure

The following materials are optional, in case existing materials are unusable:
Two (2) shut-off valves with 1/2" I.P.S. outlet, (check house piping to determine valve inlet dimension.),
1/2" I.P.S. hot and cold water supply tubes with compression nut and ferrule,
drain tail pipe and trap,
additional drain pipe as required,
2" x 4" board

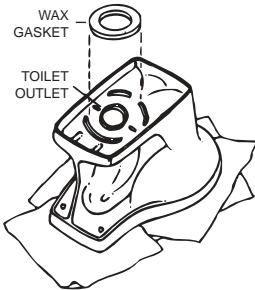
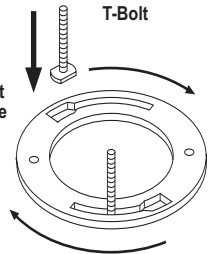
REMOVING YOUR OLD TOILET

1. Turn off the water supply, then flush to empty tank. Use a sponge & basin to pick up any water left in the tank or bowl.
2. Disconnect the supply line from the toilet tank.
3. Disassemble tank from bowl by removing lock nuts from the underside of the tank.
4. Pry off the bolt caps, remove nuts that secure the toilet to the floor. Use a rocking motion to remove the old toilet.
5. Scrape the old wax gasket from the floor flange.



INSTALLING YOUR NEW TOILET

1. If this is a new bathroom, install a 3/8" I.P.S. water supply and shut-off valve. (Refer to the rough-in drawing).
2. Before installing new wax gasket, TEMPORARILY install flange T-bolts, set toilet, and place discs and nuts on toilet outlet. Mark bolt length needed for bolt cap clearance. Remove toilet and pre-cut the bolts to length.



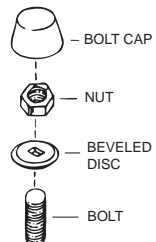
3. Carefully turn the toilet bowl upside down onto a thick layer of newspaper to protect the finish. Place a new wax gasket on toilet outlet. A bead of setting compound may be applied to the base if desired.

4. Install two flange T-bolts in the floor flange.

SETTING THE BOWL

1. Carefully lower toilet so the T-bolts will protrude through holes in base. (May require help to align).
2. Apply full body weight to rim of bowl for proper gasket seal.
3. Place discs (bevel side up) and nuts onto T-bolts and tighten nut. Press bolt caps onto discs.

CAUTION: DO NOT OVERTIGHTEN as breaking or chipping of china may result.

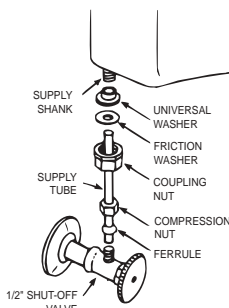


WATER CONNECTION

1. Before connecting the water supply, flush the line into a bucket to remove any debris.
2. Place the coupling nut, friction washer and universal washer onto the plain end of supply tube as shown.

NOTE: The same universal washer will be used to make the flanged slip-joint connection for a 1/2" O.D. or 3/8" flexible, or a 3/8" I.P.S. supply.

3. Temporarily make connection to tank supply shank, finger-tight. Mark at shut-off valve the tube length needed and add 1/4". (This will insert down into shut-off valve).
4. Remove supply tube and cut to length including the extra 1/4". Remove any burrs from inside the cut end. Slip compression nut and ring (ferrule) onto the shut-off valve end of the tubing.
5. Connect supply tube to supply shank once more and finger-tighten. Tubing may be pushed up into tank supply to allow the extra 1/4" to be inserted into shut-off valve.
6. Tighten both the coupling nut at the tank and the compression nut at the shut-off valve. Make sure float valve does not rotate while tightening the coupling nut. The float ball **must not** contact the tank walls.
7. Turn on water supply and shut-off valve. Check for leaks. An additional tightening adjustment on leaking connections normally will stop the leak.



Adjustment (A)

1. WATER LEVEL IN TANK

Turn the water level adjustment screw clockwise to lower or counter-clockwise to raise the water level to the waterline mark on the tank.

2. TANK REFILL

Turn Flow Control screw clockwise to slow or counter-clockwise to speed-up the rate of tank fill.

NOTE: If either screw is turned clockwise too far, the float valve may not activate.

3. FLAPPER ADJUSTMENT

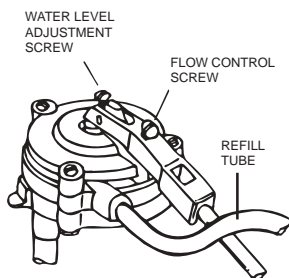
The length of the chain that connects the lever arm to the flapper may need to be adjusted. (Move the hook to another link)

A) TOO MUCH SLACK may not permit the flapper to lift far enough to properly activate the flush valve.

B) NOT ENOUGH SLACK in the chain may keep the flapper from closing properly.

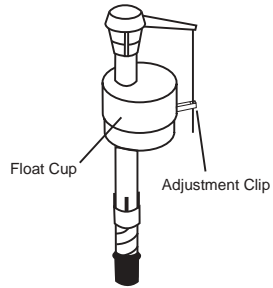
3. REFILL TUBE

Make sure the refill tube is properly inserted in the top of the flush valve.



Adjustment (B)

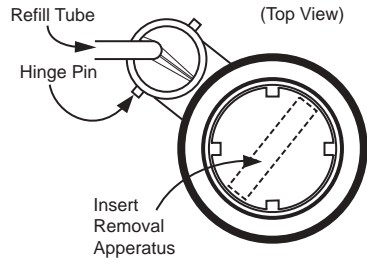
1. Before making any adjustments, be sure that the refill tube is properly inserted into the overflow pipe on the flush valve to provide full water seal in the bowl.
2. Fill the float cup before operating the valve. Turn on the water supply valve. Hold the float cup under water during the first full fill cycle to fill the bottom half of cup with water for ballast. The water level can be adjusted by squeezing the water level adjustment clip and moving float cup up or down along stainless steel link.



3. Be sure that the water level in the tank is always to the water level line marked on the overflow pipe on the flush valve. This is necessary in order for the unit to consistently operate on 1.6 gallons of water and maintain satisfactory bowl performance.

TO REMOVE FLUSH VALVE

Gently remove the flapper arms from the hinge pins to remove the flapper. Insert the flush valve removal apparatus, contacting the tabs as shown, and turn the "ring nut" counterclockwise 1-1/2 to 2 turns and lift out the entire flush valve reservoir.



TROUBLESHOOTING

POOR FLUSH

- Shut-off valve is not fully open.
- Water level in tank is too low. (See Adjustments)
- Water level in bowl too low (refill tube blocked or not installed into top of overflow tube) (See Adjustments)
- Flapper not lifting and activating flush. (See Adjustments)

FLOAT VALVE DOES NOT FULLY SHUT OFF

- Flapper may be defective or warped.
- Parts in top of float valve may be worn.
- Flapper may not be closing completely due to obstruction or too tight a chain. (See Adjustments)
- Float ball may be lodged against tank wall.
- Water level may be too high. (See Adjustments)

CARE AND CLEANING

For general cleaning, use a mild, nonabrasive soap and warm water. Do not use abrasive cleaners. Such cleaners contain sand or silica and will eventually scratch the surface. Common bowl cleaners may be used on the china surface of the bowl.

Take care in using in-tank bowl cleaners. Some in-tank cleaners contain calcium hydrochloride which may be harmful to tank components. Use of a metal brush will create metal marks in the bowl.

IMPORTANT!

USE OF ANY TOILET CLEANERS THAT ARE APPLIED IN THE TOILET TANK VOID THE WARRANTY. In-tank cleaners can damage the rubber, metal and/or plastic components of tank parts causing leaks and hindering toilet performance.

PARTS

Parts Policy

In order to avoid unnecessary delay or uncertainty in the satisfaction of warranty claims, buyers are advised to return alleged defective parts to the place of purchase. Sellers are authorized to address and resolve all warranty claims on fixtures directly with buyers.

Your limited warranty is packed in with your toilet.

QUESTIONS? / PROBLEMS?

Please review the Installation Instructions in this manual to ensure correct installation. For additional assistance, please call:

Jacuzzi Whirlpool Bath
Service Support Department
1-800-288-4002.

If you need assistance with operation or maintenance related questions, please call our Service Support Department at 1-800-288-4002. For service agent listing, visit our web site at <http://www.jacuzzi.com/>.

LIMITED WARRANTY

JACUZZI WHIRLPOOL BATH (“Jacuzzi Whirlpool Bath”, “we”, “us”, “our”), warrants to the original consumer/purchaser for the applicable warranty period set forth below, that the products we sell are free from defects in material and workmanship, except as otherwise indicated below.

PRODUCTS	WARRANTY PERIOD (commences upon date originally installed for its intended purpose)
• All cast iron sink products with porcelain enamel finish.	Limited lifetime vessel warranty to the original consumer/purchaser only. The porcelain enamel finish is warranted for one (1) year.
• 1.6 gpf/6 ltr. china toilets.	Five (5) years.
• All other china products and kitchen sink accessories.	Two (2) years.
• All toilet seats.	One (1) year.

ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THESE PRODUCTS IS LIMITED IN DURATION TO THE WARRANTY PERIOD SPECIFIED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

This limited warranty does not cover:

- (a) damage to any products based on or resulting from improper installation or repair, misuse or abuse (including but not limited to excessive operating conditions), or alteration or adjustment other than in conformity with our specifications or instructions, whether performed by a contractor, service company or yourself;
- (b) damages resulting from failure to reasonably clean, care for or maintain a product in accordance with our instructions/recommendations; or,
- (c) any products we sell that have been moved or removed from their original installation site.

LIMITED WARRANTY (cont'd)

If you believe that a product fails to meet the above limited warranty, you should notify us in writing prior to expiration of the applicable warranty period set forth above at the following address:

Jacuzzi Whirlpool Bath
Warranty Service Department
P.O. Box 702168
Dallas, TX 75370-2168

Notification should include a description of the product, model number and how the product fails to meet the above warranty. Upon receipt of a written claim under this limited warranty and evidence of the date of purchase or installation, and after inspection by an authorized Jacuzzi Whirlpool Bath representative, at our option and in our sole discretion, we will either repair or replace the product with a Jacuzzi Whirlpool Bath product of the same or similar type and size; provided, however, that we will not pay any costs (labor or otherwise) associated with either removing a previously installed product; installing a replacement product; or transportation or return of a product.

JACUZZI WHIRLPOOL BATH WILL NOT BE LIABLE FOR ANY OTHER LOSS OR EXPENSE(S) NOT SPECIFICALLY DESCRIBED ABOVE, AND DISCLAIMS ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

Thank You For Choosing Us

We appreciate your commitment to Jacuzzi Whirlpool Bath quality products.

