



**1.6 GPF/6.0 LPF  
Two-Piece  
Toilet**

## Installation Instructions

**IMPORTANT NOTE:** When installing a toilet in Massachusetts, all plumbing must be performed by a plumber contractor licensed by the Commonwealth of Massachusetts.

### TOOLS AND SUPPLIES

These tools and supplies are needed or recommended:

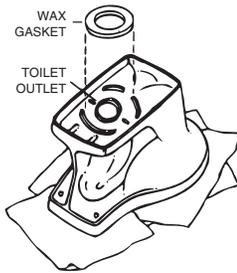
- Large sponge  Basin or bucket
- Screwdriver  Scraper/Putty Knife
- Hacksaw  Tape measure  Pliers
- Adjustable wrench  Wax ring gasket (if not included)  Newspaper or drop cloth
- Ink marker or pencil  Setting compound
- Level  Toilet seat (if not included)  3/8" I.P.S. water supply and shut-off valve (if new installation)

### REMOVING OLD TOILET

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

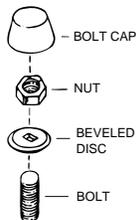
### INSTALLING YOUR NEW TOILET

- 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 for your specific model, available on website [www.eljer.com](http://www.eljer.com)).
- Before installing new wax gasket, TEMPORARILY install flange T-bolts, set toilet, and place discs and nuts onto bolts. Mark bolt length needed for bolt cap clearance. Remove toilet and pre-cut the bolts to length.
- 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.
- Install two flange T-bolts in the floor flange.



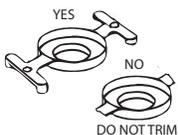
### SETTING THE BOWL

- Carefully lower toilet so the T-bolts will protrude through holes in base. (May require help to align).
- Apply full body weight to rim of bowl for proper gasket seal.
- Place discs (bevel side up) and nuts onto T-bolts and tighten nut. **DO NOT OVERTIGHTEN** as breaking or chipping of china may result. Press bolt caps onto discs.

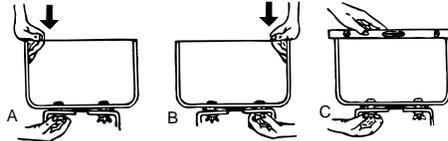


### TANK TO BOWL ASSEMBLY

**IMPORTANT:** Do not cut/trim the tank to bowl gasket. Separating the stabilizer pads from the gasket will VOID THE WARRANTY for Eljer toilets.



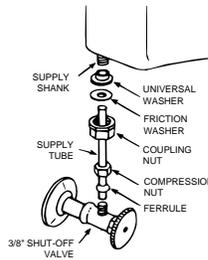
- Turn the tank upside down and press the tank to bowl gasket firmly around the flush valve locknut. Turn tank upright.
- Slip rubber washers over the two tank bolts. Insert the bolts through the holes in the bottom of the tank and through the tank to bowl gasket.
- Lift tank onto bowl, carefully aligning the tank bolts with the holes in the bowl. Set tank in place. From beneath the bowl, assemble the metal washers and nuts onto the tank bolts.



- Push down on one side of tank and finger-tighten the nut on that side (A). Do the same on the other side (B).
- Place a level across top of tank (C). Make necessary adjustments to level tank. Tighten nuts evenly. **DO NOT OVERTIGHTEN** as breaking or chipping of china may result.

### WATER CONNECTION

- Before connecting the water supply, flush the line into a bucket to remove any debris.
  - 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.
- 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).
  - 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.
  - 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.
  - 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.
  - Turn on water supply and shut-off valve. Check for leaks. An additional tightening adjustment on leaking connections normally will stop the leak.



### TANK HANDLE INSTALLATION

- On some tank models it may be necessary for you to install the tank handle onto the china tank. If this is the case, please follow these instructions:
- Put handle lift rod through outside of tank handle hole, until handle body fits flush against tank.
  - Inside the tank, put locknut through end of lift rod and up to handle. Turn the locknut counter-clockwise into the threaded shank of handle, but do not fully tighten.
  - Use one hand to depress the handle to the flush (down) position as you tighten the locknut with an adjustable wrench. **Caution:** Over-tightening may cause the handle to bind.
  - Release the handle and place the flapper chain hook onto the end hole of the lift rod. Use pliers to crimp the hook closed. The hook is attached to the chain at a predetermined length at the factory. It is normal to have some slack in the chain in the installed position.

### ADJUSTMENTS

#### WATER LEVEL IN TANK

Turn the water level adjustment screw clockwise to raise or counter-clockwise to lower

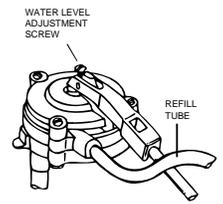
the water level to the waterline mark on the flush valve.

#### FLAPPER ADJUSTMENT

The chain connecting the flush arm to the flapper should have just a little slack so that the flapper will lift completely, yet close fully.

#### REFILL TUBE

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



**WARNING:** Under no circumstances should the float rod be bent in order to make any adjustment. Doing so will VOID THE WARRANTY for Eljer toilets.

### 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 over flow tube) (See Adjustments)
- Flapper not lifting and activating flush. (See Adjustments)
- Water supply filter is plugged which restricts flow to the fill valve. Remove the coupling nut, friction washer, and universal washer on the water supply line. Then remove the in-line water supply filter, rinse it clean, and replace it in the fill valve shank. Then reassemble the universal washer, friction washer, and coupling nut.



### 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)

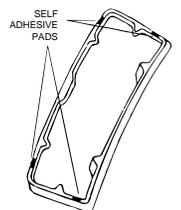
### TANK COVER

The self-adhesive pads, installed as shown, will cushion the contact and prevent rocking.

### CARE & CLEANING

**IMPORTANT! USE OF ANY TOILET CLEANERS THAT ARE APPLIED IN THE TOILET TANK VOID THE WARRANTY FOR ELJER TOILETS.**

In-tank cleaners can damage the rubber, metal and/or plastic components of tank parts causing leaks and hindering toilet performance. To clean bowls, use TOILET BOWL CLEANERS THAT ARE APPLIED TO THE TOILET BOWL and a nylon brush when necessary. Use of a metal brush will create metal marks in the bowl.



### REPLACEMENT PARTS

To obtain repair parts, contact customer service at 1-800-423-5537 or [www.eljer.com](http://www.eljer.com)