



INSTALLATION INSTRUCTIONS

CLOSE COUPLED WALL HUNG TOILETS

ATTENTION INSTALLER: PLEASE LEAVE THESE INSTRUCTIONS WITH THE CONSUMER

Thank you for selecting Crane Plumbing Products. To ensure this product installs properly, please read these instructions carefully before you begin. Be sure your installation conforms to local codes.

REMOVE OLD TOILET: Close toilet supply valve and flush the toilet. Sponge any remaining water from the bowl. Disconnect and remove supply line. If replacing valve, first shut off the main water supply. Remove mounting bolts and slide bowl off the carrier. Plug waste opening to prevent sewer gas from escaping. Clean away old wax, etc. from installation area.

Before beginning: The toilet is in two cartons. One contains the bowl, and the other contains the tank, cover and assorted parts.

Closet Carrier Support: The appropriate wall carrier must be obtained for this unit. Refer to the instructions supplied with the carrier for proper in-

stallation of a 4-bolt support system, wall cavity requirement, and rough-in information for waste outlet piping.

A word of Caution: The new toilet is made of fine china like the best quality table ware. It is ruggedly constructed: however extra care should

be exercised during installation when rough handling and the dangers of dropped tools threaten to chip or crack it.

Water Supply: If your water line is through the wall, install an Angle Stop. If it is through the floor, install a Straight Stop.

Installing the Toilet Bowl and Tank

1

SIDE VIEW

The carrier studs should extend 2-1/8" from the finished wall (A). Bearing washers and nuts must be flush with the wall (B). The waste inlet hub should extend 5/16" from the finished wall (C). Use a felt or neoprene gasket (not a wax ring) on closet outlet. Refer to instructions provided with the Closet Carrier System for specific installation requirements.

DO NOT APPLY TOP RIGHT FIBER WASHER AND CAP UNTIL OTHER CAP NUTS HAVE BEEN FIRMLY TIGHTENED USING A WRENCH. Pour water into the bowl to prevent the escape of sewer gas. Install bowl on support using cap nuts and fiber washers with the back-up nuts and washers. DO NOT OVERTIGHTEN NUTS, AS VITREOUS CHINA EASILY CHIPS AND CRACKS. Install top right cap nut with fiber washer and run up hand tight. Wrench tighten 1/4 turn. Apply sealant to gap between bowl and finished wall. Wipe away excess sealant. Lift the bowl and move it toward the wall. Slip mounting studs through the corresponding holes in the bowl. Make sure the gasket is in place.

With tank parallel to wall, alternately finger tighten nuts and give them another half turn with pliers. CAUTION: Do Not Overtighten to avoid cracking china.

2

Place the felt or neoprene gasket on the bowl outlet. (wax ring is not recommended) When the bowl is installed, The gasket must be compressed sufficiently against the hub to effect a gas and watertight seal. NOTE: Bearing nuts and washers must be set to take full loading from the fixture allowing 1/16" clearance between fixture and wall. Follow support manufacturer's recommended setting of closet outlet connection.

3

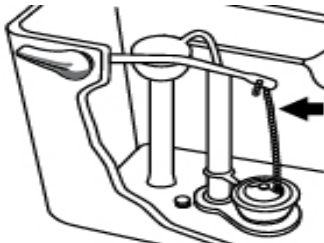
The tank should be inverted on the floor after removing the lid and parts bag. Open the plastic envelope and place the large doughnut shaped washer snugly on the threaded tank outlet. Invert the tank and lower onto bowl so that the large washer fits evenly into the bowl water inlet opening. Place the rubber washer on the bolts and insert the bolts downward through the bolt holes and secure with metal washers and nuts.

4

Connect the cold water line to the tank with your straight or angle stop. Place the washer, then the plastic nut on the tank end of the connecting pipe and bend the pipe to fit into the inlet hole on the water regulator. Tighten all coupling nuts securely. **DO NOT USE PLUMBERS PUTTY!**

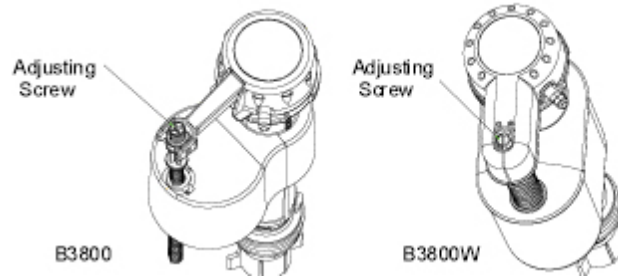
5

Connect the plastic tubing from the top of the water inlet regulator into its holding ring inside the overflow tube. If necessary, excess may be trimmed to eliminate any kinking of the line. **NOTE:** Check all connections for several days to detect any leaks which may develop. If they do, tighten all connections per instructions. Crane Plumbing, LLC is not responsible for leaking water connections. Also, after several days, remove the bolt caps from the bowl and tighten the nuts snugly.

6

On certain models the flush lever must be installed. To do this, remove the lever from the parts bag. Insert the lever through the hole in the tank. Thread the nut from the parts bag into the threaded shank. Attach the flapper to the flush lever. Adjust the chain length to approximately 1/4" slack and clip off excess chain allowing approximately 8-10 beads remaining. NOTE: If the lever is located on the left side of the tank, the threads are left-handed. To tighten, turn the nut counter-clockwise. For tank models that have the lever located on the right side, install in the same way except this assembly has a right-hand thread, (Turn counter-clockwise.) Tighten nut with a wrench to achieve a snug fit.

7 Adjusting Tank Water Level



NOTE: The Ball Cock or Pilot valve in this toilet is designed to operate at a minimum of 20psi and a maximum of 80psi. Turn on the water supply by opening the angle or straight stop. For proper flushing the tank must fill to the Water Line marked on the inside of the tank. If the water is Below the Water Line mark, turn the screw clockwise, and if the water level is Above the Water Line mark, turn the screw counterclockwise. **DO NOT BEND THE FLOAT ROD.** This would constitute improper maintenance and can void the warranty.

8

Place the cover on the tank. Place the plastic bolt covers firmly in place. Install the toilet seat in accordance with the manufacturers instructions.

9 Care and Cleaning of Vitreous China

Your new toilet is made of stain, acid and abrasion resistant vitreous china. But, like all fine finishes the china requires reasonable care. For day-to-day cleaning, wash with warm water, a soft cloth, and a mild detergent such as Handy Andy, Mr Clean or Lestoil. On stubborn stains, use one of the powdered detergents such as Spic & Span, on a damp sponge or scouring pad of nylon, saran, or polyethylene. Never use abrasive scouring powders, cleansers, or pads as they tend to create microgrooves that dull the finish and allow dirt to work into the surface. Use of tank cleaning products containing calcium hypo chlorite (chlorine) or any other reactive chemical shall constitute improper maintenance.

10

WINTERIZING VITREOUS CHINA WATER CLOSETS.

ALL WATER MUST BE REMOVED FROM THE TANK AND BOWL.

An anti-freeze solution must be poured into the bowl through the tank flush valve opening inside the tank to insure mixing with any water that may remain in the distribution area under the tank. Continue to pour anti-freeze solution until the level of solution in the toilet bowl stops increasing. There must be liquid in the bowl at all times to prevent sewer gas from coming through the toilet.

NOTE: It is recommended that RV Anti-freeze be used.

Tank	Fill Valve	Flush Valve	Flapper	Trip Lever	Parts Bag	Liner	Lock Down Kit
3740	P030177	P030192	P030755	P030361	P030483	N/A	N/A
3740TP	P030177	P030192	P030755	P030361	P030483	N/A	P031033
3741	P030177	P030192	P030755	P030385	P030483	N/A	N/A

Limited Lifetime Warranty on China / Limited One Year Warranty on Parts

Subject to the "Exclusions" set forth below, Crane Plumbing L.L.C. promises to the consumer to repair, or at the option of Crane Plumbing L.L.C., to replace any part of this plumbing product made from vitreous china which proves to be defective in workmanship or materials under normal use, and any other supplied part of this product under normal use for one year from the date of purchase. All costs of removal, transportation and reinstallation to obtain warranty service shall be paid by the consumer. During the warranty period for china and one year period for parts, Crane Plumbing L.L.C. will provide, subject to the "Exclusions" section set forth below, all parts free of charge, necessary to correct such defects if this plumbing product has been installed and maintained in accordance with written instructions furnished by Crane Plumbing L.L.C. with this plumbing product. Exclusions: CRANE PLUMBING L.L.C. PRODUCTS SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING COSTS OF INSTALLATION OR WATER DAMAGE, OR FOR DAMAGES RESULTING FROM ABUSE OR MISUSE OR FROM FAILURE TO INSTALL OR MAINTAIN THIS PLUMBING PRODUCT IN ACCORDANCE WITH THE WRITTEN INSTRUCTIONS FURNISHED BY CRANE PLUMBING L.L.C. PRODUCTS. USE OF CLEANING PRODUCTS CONTAINING CALCIUM HYPO CHLORITE (CHLORINE) SHALL CONSTITUTE IMPROPER MAINTENANCE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY TO THE CONSUMER. THE ONLY WARRANTY MADE BY CRANE PLUMBING L.L.C. PRODUCTS IS SET FORTH ABOVE AND ALL IMPLIED WARRANTIES WHICH MIGHT ARISE, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY EXCLUDED. Warranty Service: In order to obtain warranty service or adjustments, contact the builder, dealer or plumber from whom the product was purchased, or the Customer Service Department. U.S.A. customers contact: Crane Plumbing L.L.C. Products, 41 Cairns Road, Mansfield, OH. 44903- 8992. Phone: (800) 546-5476. Fax: (419) 525-3169. CANADIAN customers contact: Crane Plumbing Canada Corp. 15 Crane Ave. P.O. Box 337, Stratford, ON. N5A 6T3 Phone: (800) 463-2726. Fax: (800) 845-7158. In obtaining warranty service, all transportation, shipping and freight charges connected with transporting any part of this plumbing product must be prepaid by the consumer. It is the responsibility of the consumer to establish the warranty period by verifying the original purchase date. A bill of sale, cancelled check or some other appropriate payment record may be kept for this purpose. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

Please enter the model number and date of purchase in the space provided:

BOWL MODEL # _____ TANK MODEL # _____ DATE OF PURCHASE _____

REPLACEMENT PARTS

Please keep this manual for future reference. Retain product invoice in case warranty service becomes necessary. Record the Model Number of the toilet in this booklet. This will assist when ordering replacement parts, or in seeking technical assistance. Technical Assistance or Replacement Parts may be obtained by contacting:

U.S.A. Customers Contact:
Crane Plumbing LLC. 41 Cairns Road,
Mansfield Ohio. 44903-8992
Phone: (800) 546-5476
Fax: (419) 525-3169
email: customerservice@cranepumbing.com

CANADIAN Customers Contact:
Crane Plumbing Canada Corp.
15 Crane Ave. P.O. Box 337
Stratford, ON. N5A 6T3
Phone: (800) 463-2726
Fax: (800) 845-7158
email: customerservice@cranepumbing.ca

