CHICAGO FAUCETS
DES PLAINES, ILLINOIS 60018-5999

INSTALLATION INSTRUCTION

TAG 52 DATE 10/2/91 REV.

INSTALLATION INSTRUCTIONS FOR HYDROPOISE FITTINGS

1. **2760-400 CP** - Built-in pressure balancing tub and shower fitting with diverter spout No. 749-S, shower arm, flange and shower head No. 400, lucite handle, and square type cover plate trim.

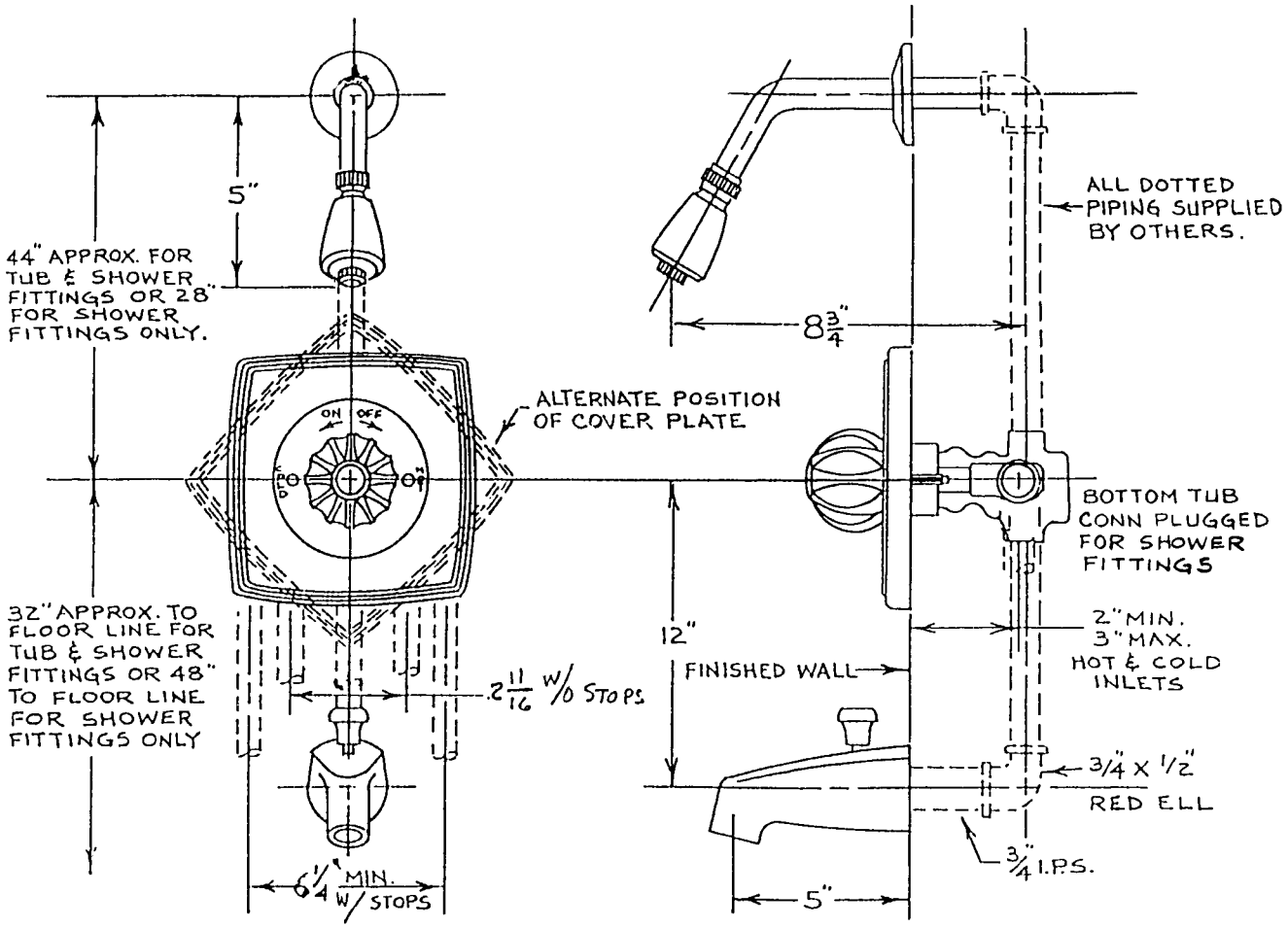
2. **1760** - Same as above except with hooded lever type indicator metal handle and 620 2.5 GPM shower head.

3. **2762** - Same as 2760 except with shower fitting only with bottom outlet plugged, less tub spout, with 620 2.5 GPM shower head.

4. **1762** - Same as 2760 except shower fitting only with bottom outlet plugged, less tub spout, but with hooded lever type indicator metal handle, and 620 2.5 GPM shower head.

NOTE: 1. Suffix 'IS' after any of the above fitting numbers indicates integral stops.

2. Suffix 'VOC' after fitting number indicates complete valve only with trim.



ALL FLOOR TO CENTER DIMENSIONS OPTIONAL

Installation Instructions

1. Install rough piping and valve body as shown on installation drawing on reverse side.

   IMPORTANT: Valve rough-in is 2" minimum, 3" maximum from centerline of supply pipes to face of finish wall. Follow directions for "Finish Wall" as shown on valve plastic rough-in shield.

   All valves have top outlet marked 'S' (shower) and bottom outlet marked 'T' (tub). On shower fittings only, the bottom outlet is furnished with a loose plug which should be tightened. **DO NOT REMOVE PLUG** from outlet marked 'T' on shower installations.

2. Install HOT on left and COLD on right according to valve markings.

3. When finishing wall tile, REMOVE ENTIRE PROTECTIVE ROUGH-IN SHIELD AND FILL AREA AROUND VALVE BODY WITH GROUT OR PLASTER to prevent water damage is wall.

4. Turn on hot and cold supplies. VALVE WILL NOT OPERATE UNLESS BOTH HOT AND COLD PRESSURE IS TURNED ON. Allow valve to run in warm position for a few minutes to flush system. If system is quite dirty, remove valve spindle to insure proper flushing.

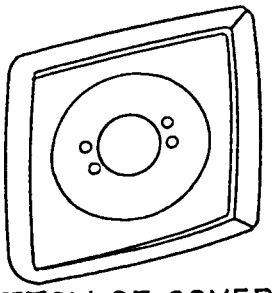
   IMPORTANT: **After completion** of step 4, follow these instructions to set the Hydropoise limit stop screw. This valve is equipped with a limit stop screw to be used to limit valve handle from being turned to excessively hot water discharge temperatures. To adjust, remove dome cover, open valve to maximum safe temperature, *run water for at least five minutes so temperature is stable, and turn in limit stop screw until it seats.
   (See Page 4) *** 105° to 110° F Recommended**

   WARNING: FAILURE TO ADJUST THE LIMIT STOP SCREW PROPERLY MAY RESULT IN SERIOUS SCALDING.

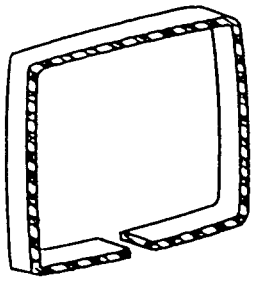
   This shower system may not protect the user from scalding when there is a failure of other temperature controlling devices elsewhere in the plumbing system.

5. Install cover and operating plate. If desirable, cover and operating plate can be installed with corners on centerlines as indicated by dotted lines showing this option. Tighten cover plate screws so that plate is flush on finish wall.

ESCUTCHEON COVER PLATE GASKET:



BOTTOM OF COVER



COVER GASKET

Position gasket in back side of escutcheon with open end at bottom as shown.

The use of this gasket should not preclude sealing valve body in wall as directed in Step 3.

6. Place insert on acrylic handle so that slots match lugs in handle and place on stem so red arrow points to off. Add plug button to top opening of acrylic handle.

7. Install shower arm, flange and shower head. Install tub spout making sure that supply nipple to spout is 3/4" IPS and reducer ell is 3/4" x 1/2" IPS for supply from bottom valve opening.

OPERATION

1. The handle is used for control of temperature only. From the OFF position, the handle is turned counterclockwise through a minimum cold position, through a warm and then hot position for a maximum turn of approximately one revolution. This allows for infinite temperature adjustment to suit requirements of user.

REPAIR

1. Remove all chrome trim. Open the valve to about warm position and unscrew valve cap with complete assembly 2760-018K spindle as shown on diagram. Leave packing nut in place while unscrewing cap to avoid distortion.

   Ordinary service requires only the replacement of HOT (2760-016) and COLD (2760-017) washers. Replace both at the same time and use only Chicago Faucet repair parts.

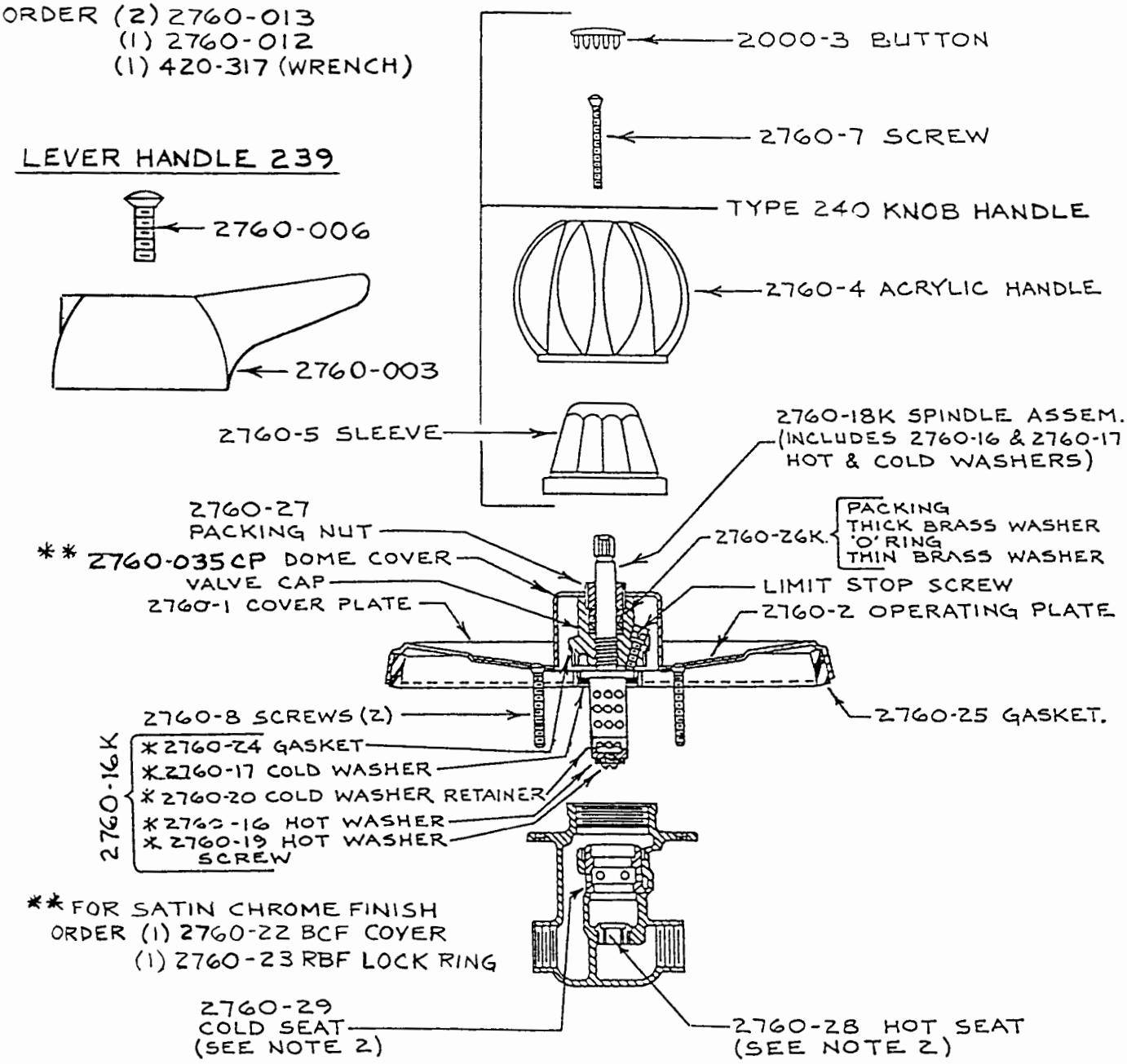
   After long years of service, HOT & COLD seats may need to be replaced. These are companion parts and both must be replaced at the same time. SPECIAL TOOLS ARE REQUIRED FOR SEAT REMOVAL.

2. DO NOT TAMPER WITH PERFORATED CYLINDER ON 2760-018K spindle assembly. The cylinder contains a balancing piston that is free to move back and forth. If deposits block this action, tap the handle end of the spindle against a solid object to free the piston. If this does not free piston, replace spindle assembly 2760-018K.

   NOTE: When assembling, be sure spindle is drawn close to cap before reinstalling.

NOTE : FOR VANDAL RESISTANT
INSTALLATION OF LEVER HANDLE

ORDER (2) 2760-013
(1) 2760-012
(1) 420-317 (WRENCH)



* THESE PARTS (HOT WASHER, COLD WASHER, HOT WASHER SCREW, COLD WASHER RETAINER, AND VALVE CAP GASKET) MUST BE ORDERED AS A PARTS KIT № 2760-16K.

NOTE 2—THE HOT (2760-28) AND COLD (2760-29) SEATS MUST BE PURCHASED AND INSTALLED IN PAIRS. THE (2) PARTS PURCHASED IN PAIRS ARE FURNISHED AS 2760-29K.