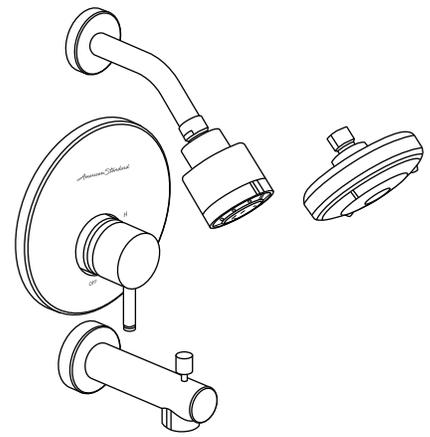


INSTALLATION INSTRUCTIONS

Serin® Pressure Balancing Bath and Shower Trim Kit

TU06450X
TU064501WDXH
TU064502WDXH



Thank you for selecting American Standard...
the benchmark of fine quality for over 140 years.

To ensure that your installation proceeds smoothly-please
read these instructions carefully before you begin.

For use with shower heads rated at 4.9 L/min (1.3 gpm) or higher.

RECOMMENDED TOOLS



Plumbers' Putty
or Caulking



Teflon Tape



Phillips Screwdriver



Flat Blade Screwdriver



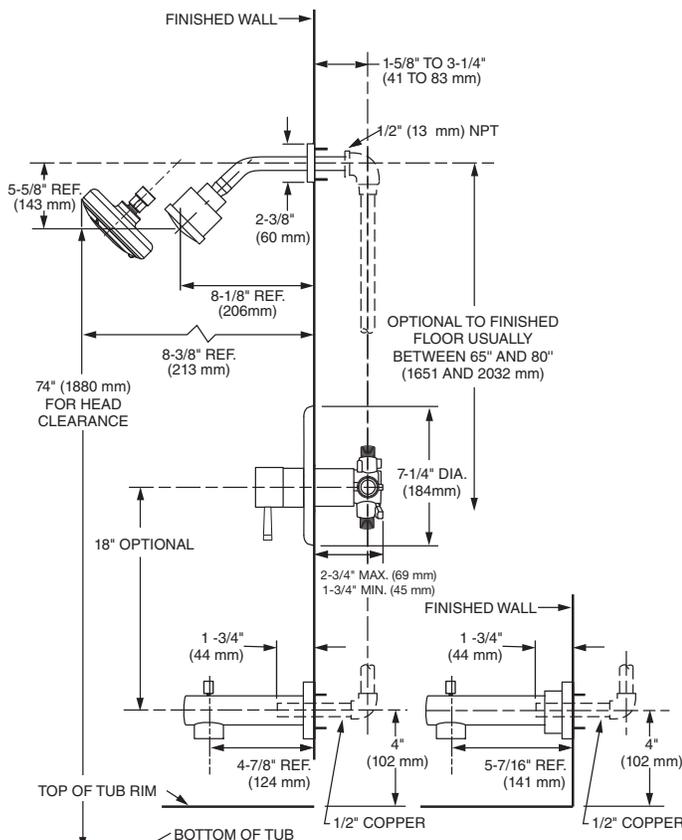
Adjustable Wrench



Channel Locks

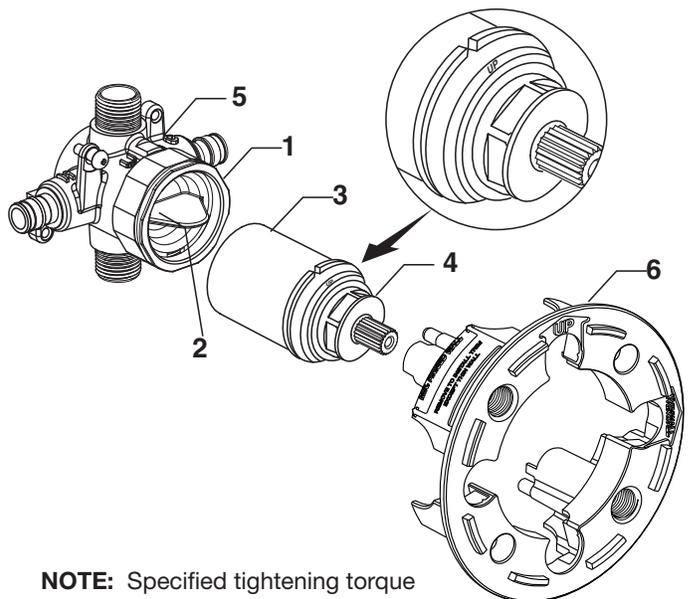
ROUGHING-IN DIMENSIONS

- To assure proper positioning in relation to wall.
Note roughing-in dimensions.



1 CARTRIDGE INSTALLATION

- Remove PLASTER GUARD (6)
(Keep it installed for thin wall Installation).
- Remove BONNET NUT (1) by unthreading it
Counter clockwise. Remove test CAP (2).
- Remove PROTECTIVE HOUSING (3) from
CARTRIDGE (4). Install with "UP" text on top.
- Reinstall BONNET NUT (1) onto VALVE BODY (5)
and tighten firmly with 12 Nm or 9 lbs/ft.



NOTE: Specified tightening torque
of BONNET NUT (1) is critical to
assure sealing function.

2 INSTALL VALVE TRIM (STANDARD WALL INSTALLATION)

- **Figure 1.** Push CAP (1) over VALVE CARTRIDGE (2) until seated against stop.
- **Figure 2.** Make sure O-RING (6) is secure within ESCUTCHEON HOLDER (3). Push ESCUTCHEON HOLDER (3) onto CAP (1) and attach with LONG SCREWS (4). Mount ESCUTCHEON SUPPORT (5) to ESCUTCHEON HOLDER (3) with 4 SHORT SCREWS (8).
- **Figure 3.** Install ESCUTCHEON (7) onto CAP (1) and push flush against finished wall. ESCUTCHEON (7) will snap fit onto ESCUTCHEON SUPPORT (5).

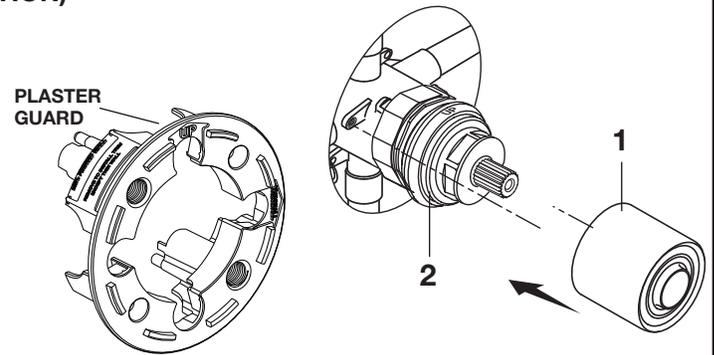


Figure 1.

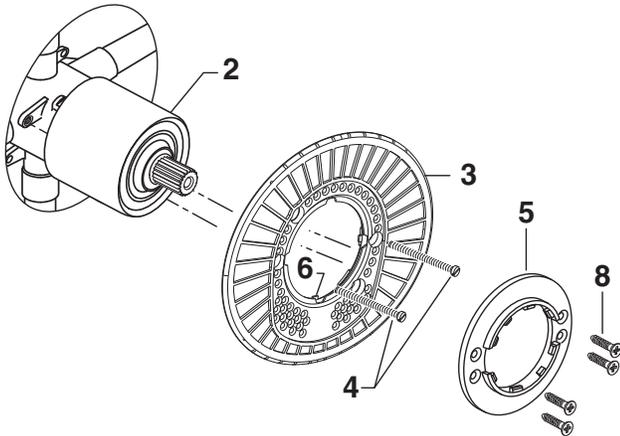


Figure 2.

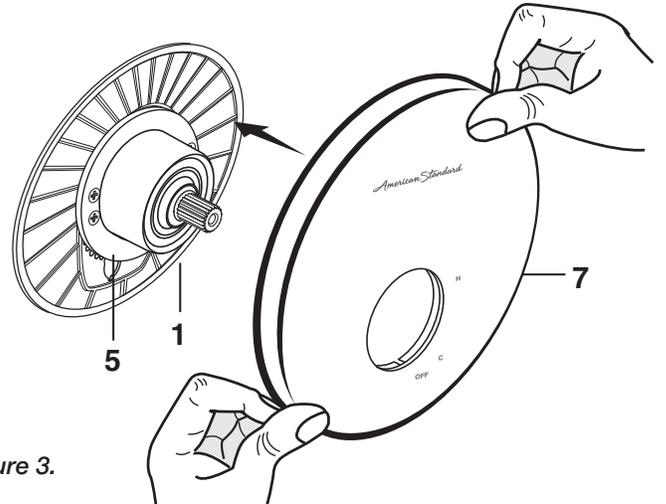


Figure 3.

2a INSTALL VALVE TRIM (THIN WALL INSTALLATION)

Note: Plaster Guard will remain installed for thin wall installation.

- **Figure 1.** Remove SCREWS (7), push CAP (1) over VALVE CARTRIDGE (2) until seated against stop.
Note: Escutcheon Holder must be installed with number facing out on bottom.
- **Figure 2.** Make sure O-RING (5) is secure within ESCUTCHEON HOLDER (3). Push ESCUTCHEON HOLDER (3) onto CAP (1) and attach with LONG SCREWS (4).
- **Figure 3.** Install ESCUTCHEON (6) onto CAP (1) and push flush against finished wall. Escutcheon (6) will snap fit onto ESCUTCHEON HOLDER (3).

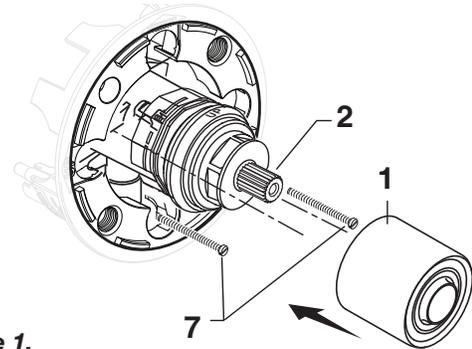


Figure 1.

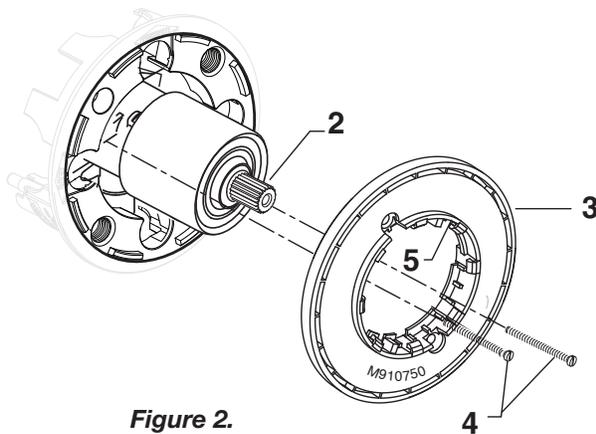


Figure 2.

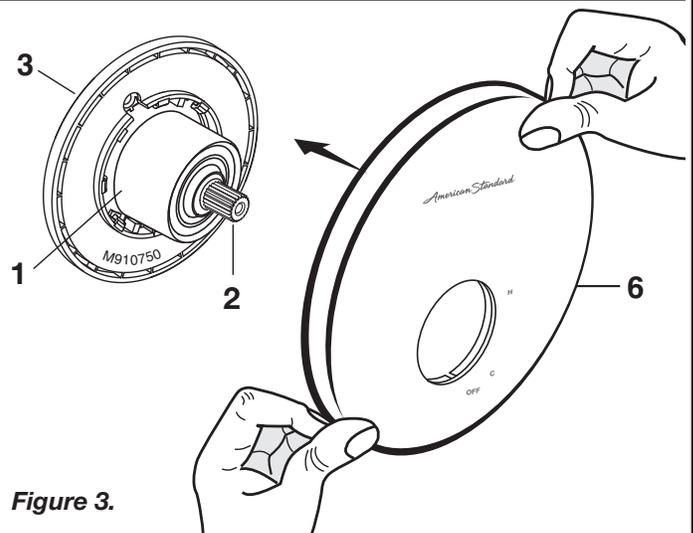


Figure 3.

6 SERVICE

TO GAIN ACCESS TO VALVE FOR SERVICING

CAUTION Turn off hot and cold water supplies before beginning.

- Remove HANDLE (see step 3 and reverse).
- Remove ESCUTCHEON and CARTRIDGE CAP (see step 1 and reverse).

VALVE LEAKS WHEN SHUT OFF

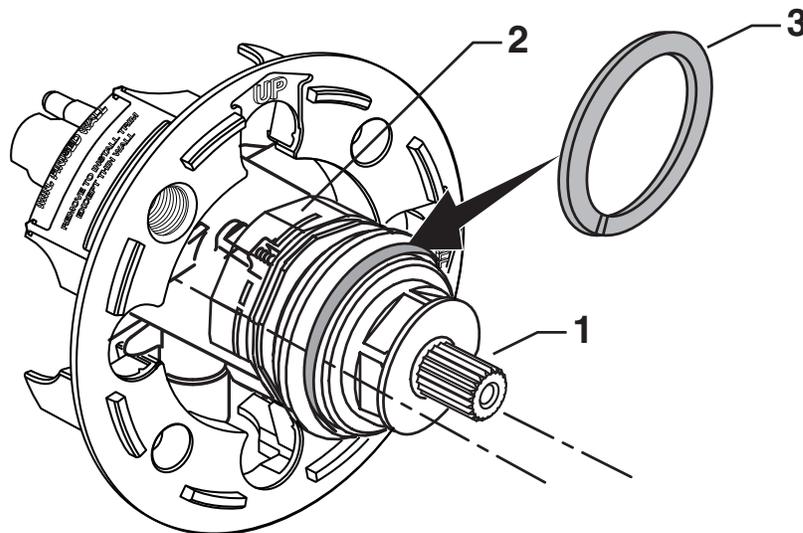
- Remove CARTRIDGE, see STEP 1 and STEP 2 and REVERSE process.
- Clean SEALS on the side of CARTRIDGE. Clean inside sealing surface of VALVE BODY.
- Re-assemble CARTRIDGE. Install trim. Turn on water supply and check for leaks.

REPLACING CARTRIDGE

- To remove CARTRIDGE (1), install split WASHER (3) between the ridge on the cartridge and the bonnet nut. (only supplied with replacement cartridge). as shown.
- Proceed to unthread BONNET NUT (2) counter clockwise.
Note: CARTRIDGE (1) should be pulling out while unthreading BONNET NUT (2).
- Upon removal of the old Cartridge, install a new cartridge and secure it with BONNET NUT (Hand tighten).

BACK TO BACK INSTALLATION

- **NOTE:** Must purchase specialized back to back cartridge. (Part number M970640-0070A)
- Remove CARTRIDGE (1) as detailed in steps above.
- Install back to back cartridge.



7 CARE INSTRUCTIONS:

- DO: SIMPLY RINSE THE PRODUCT CLEAN WITH CLEAR WATER. DRY WITH A SOFT COTTON FLANNEL CLOTH.**
- DO NOT: DO NOT CLEAN THE PRODUCT WITH SOAPS, ACID, POLISH, ABRASIVES, HARSH CLEANERS, OR A CLOTH WITH A COARSE SURFACE.**

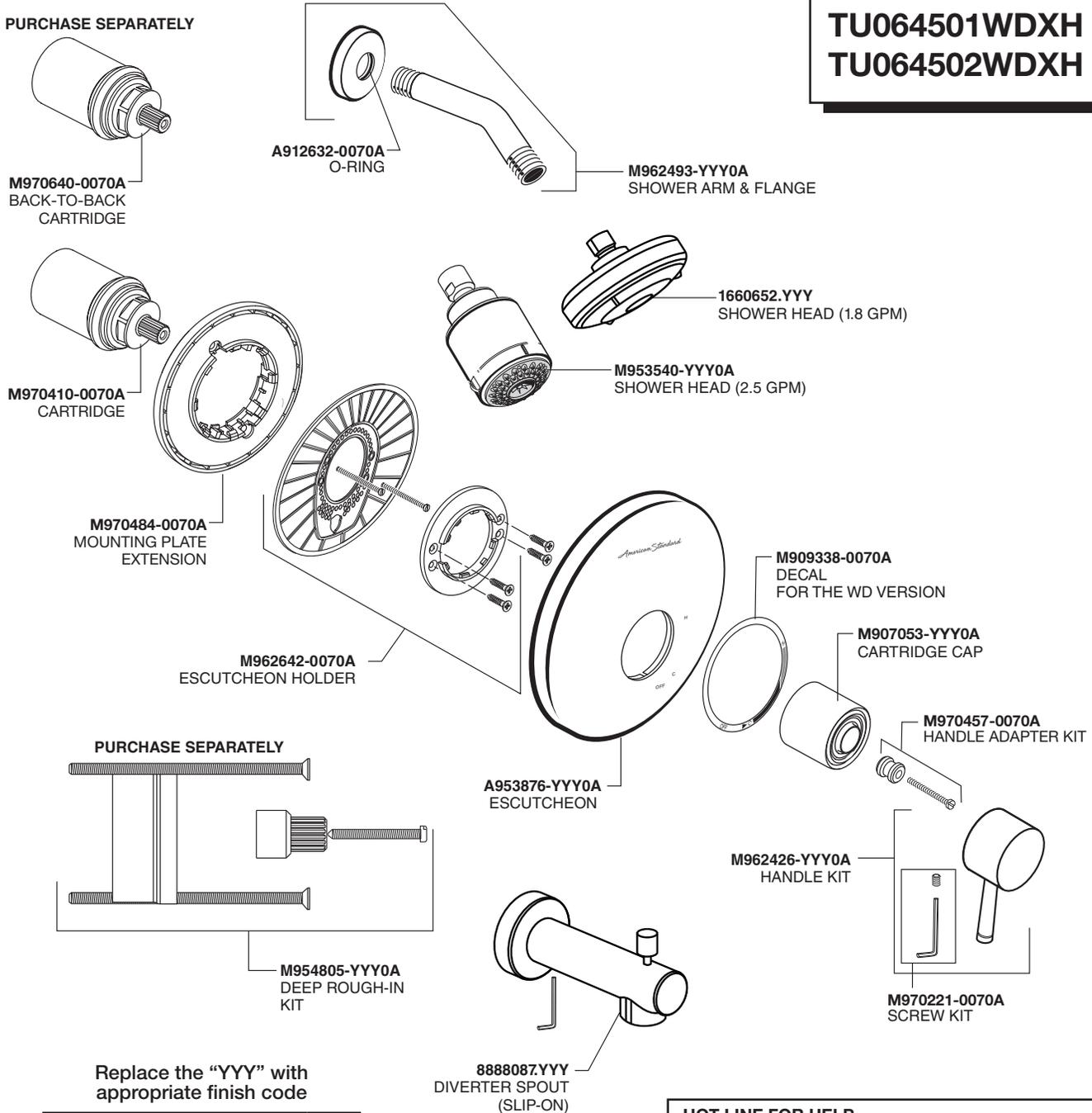
American Standard

Serin®
Pressure Balancing
Bath and Shower
Trim Kit

MODEL NUMBER

TU06450X
TU064501WDXH
TU064502WDXH

PURCHASE SEPARATELY



Replace the "YYY" with appropriate finish code

POLISHED CHROME	002
BRUSHED NICKEL	295

PART OF **LIXIL**

HOT LINE FOR HELP

For toll-free information and answers to your questions, call:
 1 (800) 442-1902
 Mon. - Fri. 8:00 a.m. to 8:00 p.m. EST
 Saturday 10:00 a.m. to 4:00 p.m. EST
 IN CANADA 1-800-387-0369
 (TORONTO 1-905-306-1093)
 Weekdays 8:00 a.m. to 7:00 p.m. EST
 IN MEXICO 01-800-839-1200

