

*American Standard*

# INSTALLATION INSTRUCTIONS

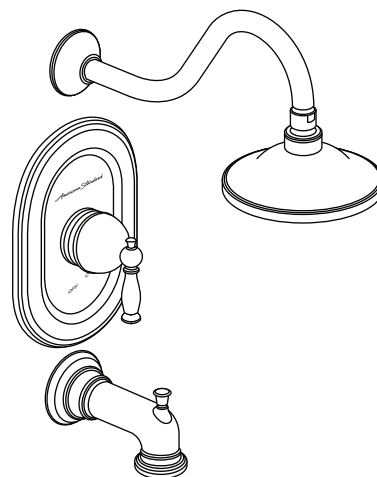
## Quentin™ Pressure Balancing Bath and Shower Trim Kit

TU440502  
TU440501  
TU440500

*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



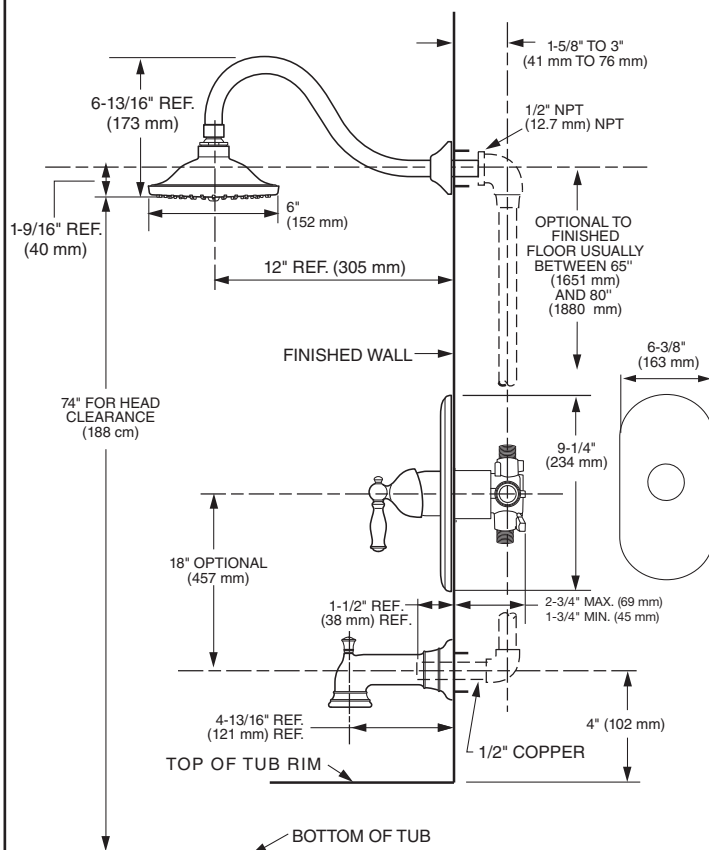
Adjustable Wrench



Channel Locks

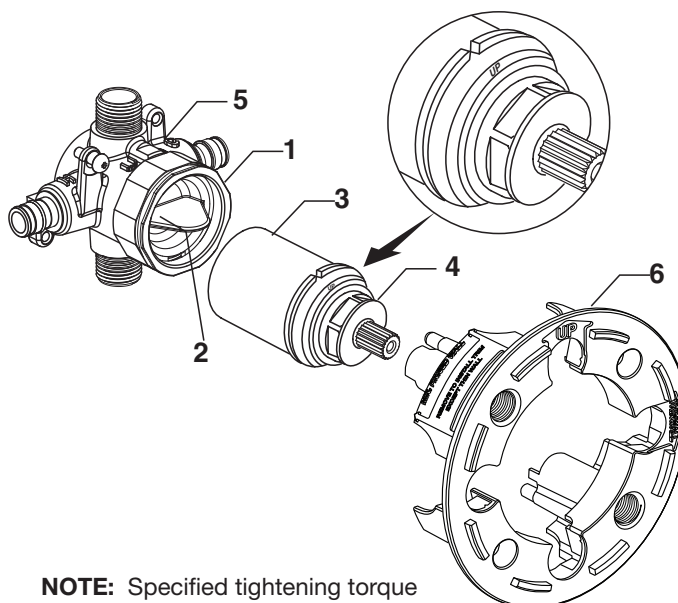
### ROUGHING-IN DIMENSIONS

- 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 STANDARD WALL INSTALLATION

- **Figure 1.** Remove plaster guard from valve. Push CAP (1) over VALVE CARTRIDGE (2) until seated against stop.
- **Figure 2.** Push ESCUTCHEON (3) onto CAP (1) and attach to valve body with LONG SCREWS (4).

### THIN WALL INSTALLATION

- **Figure 1a.** Push CAP (1) over VALVE CARTRIDGE (2) until seated against stop.
- **Figure 2a.** Push ESCUTCHEON (3) onto CAP (1) and attach to valve body with LONG SCREWS (4).

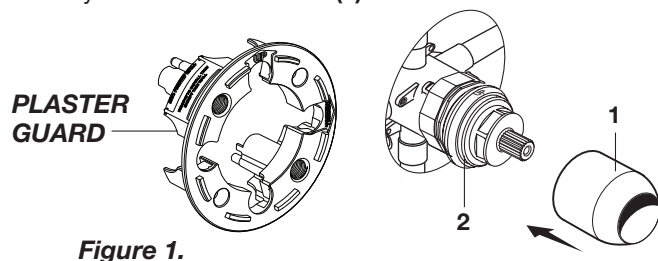


Figure 1.

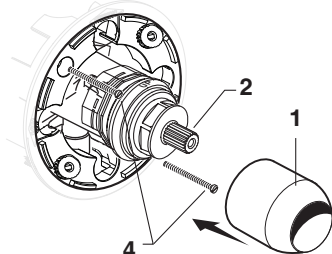


Figure 1a.

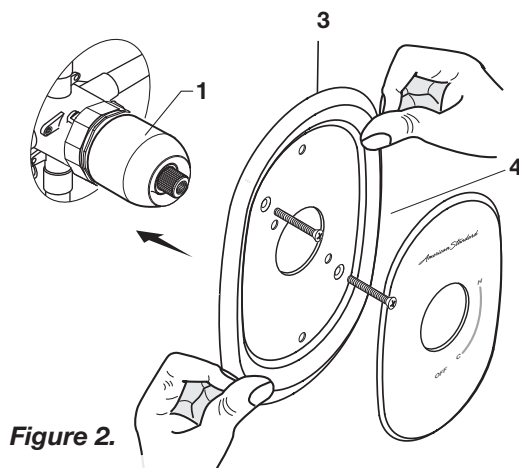


Figure 2.

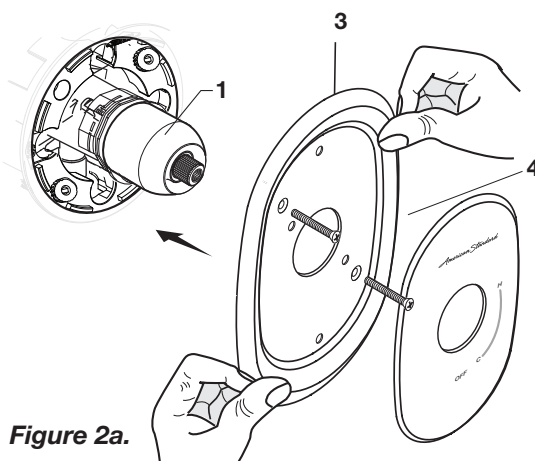


Figure 2a.

## 3 INSTALL TUB SPOUT, SHOWER HEAD, SHOWER ARM WITH FLANGE

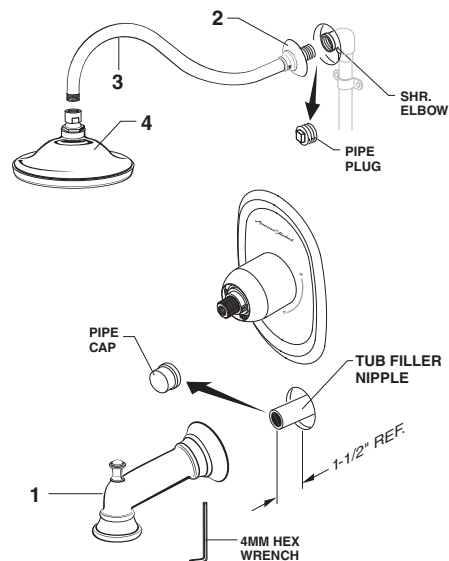
**CAUTION** Protect finish on SHOWER HEAD and TUB SPOUT when installing.

- Remove pipe cap and plug from shower and tub rough piping.
- Slip TUB SPOUT (1) onto tub nipple and tighten with 4 mm Hex Wrench.

**CAUTION: Protect finish on TUB SPOUT when installing.**

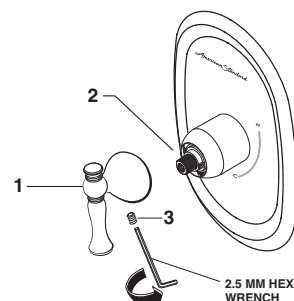
- Install SHOWER ESCUTCHEON (2) onto SHOWER ARM (3). Apply sealant or Teflon tape to threads on both ends of SHOWER ARM (3) and thread longer leg of SHOWER ARM (3) into shower elbow.
- Thread SHOWER HEAD (4) onto SHOWER ARM (3).

**CAUTION: Protect finish on SHOWER HEAD and shower arm when installing.**



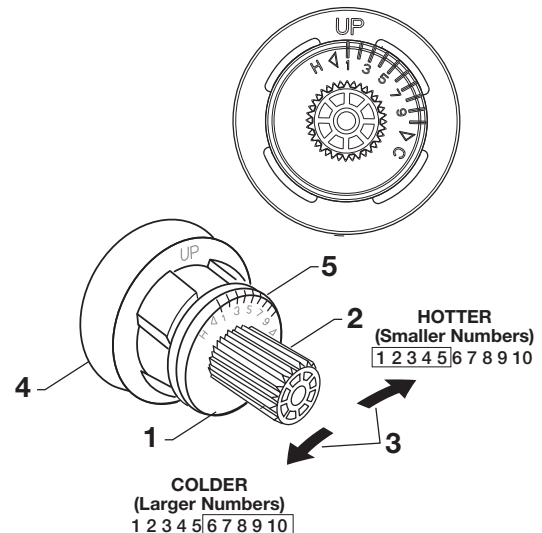
## 4 HANDLE INSTALLATION

- Install HANDLE (1) by pushing it onto CARTRIDGE STEM (2) and tightening SET SCREW (3) from below with 2.5 mm Hex Wrench supplied.



## 5 ADJUST HOT LIMIT STOP

- By restricting HANDLE rotation and limiting the amount of hot water allowed to mix with the cold, the HOT LIMIT SAFETY STOP (1) reduces risk of accidental scalding. To set the maximum hot water temperature of your faucet valve, adjust the setting on the HOT LIMIT SAFETY STOP (1).
- Turn CARTRIDGE STEM (2) to the OFF position (coldest setting) before making adjustment to HOT LIMIT STOP (1). Pull forward and rotate counterclockwise one number to limit hot water temperature. Use NUMBERS (5) on CARTRIDGE (4) on HOT LIMIT STOP (1) for indication.



## 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

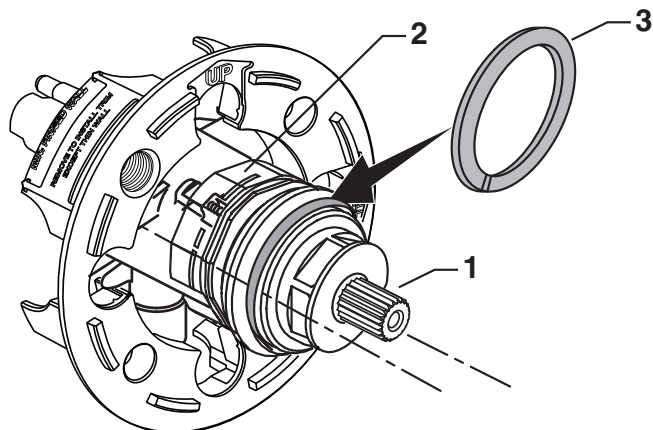
- Remove CARTRIDGE, see STEP 1 and STEP 2 and REVERSE process.
- Clean SEALS on the side of CARTRIDGE. Clean inside sealing surface of VALVE BODY.
- Re-assemble CARTRIDGE. Install trim. Turn on water supply and check for leaks.

### 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.**

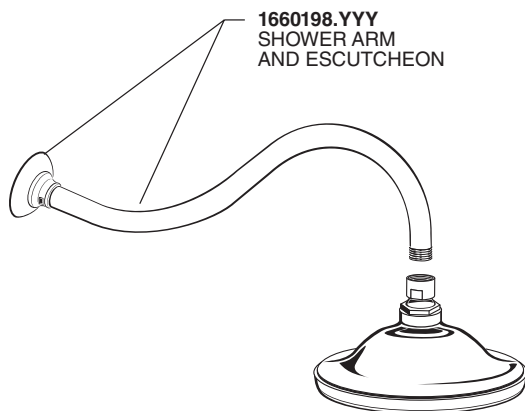
**DO NOT: DO NOT CLEAN THE PRODUCT WITH SOAPS, ACID, POLISH, ABRASIVES, HARSH CLEANERS, OR A CLOTH WITH A COARSE SURFACE.**

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# **Quentin™** **Pressure Balancing** **Bath and Shower** **Trim Kit**

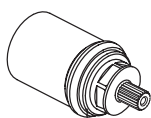
MODEL NUMBERS

**TU440502**  
**TU440501**  
**TU440500**

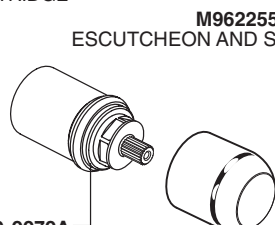


**1660198.YYY**  
 SHOWER ARM  
 AND ESCUTCHEON

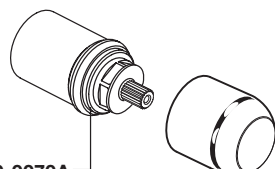
**PURCHASE SEPARATELY**



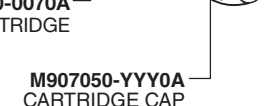
**M970640-0070A**  
 BACK-TO-BACK  
 CARTRIDGE



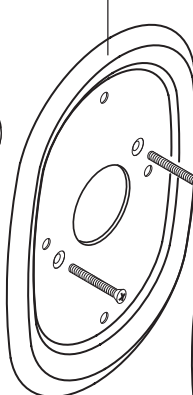
**M962255-YYY0A**  
 ESCUTCHEON AND SCREWS



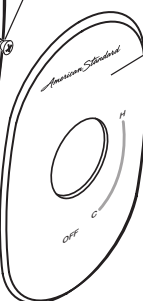
**M970410-0070A**  
 CARTRIDGE



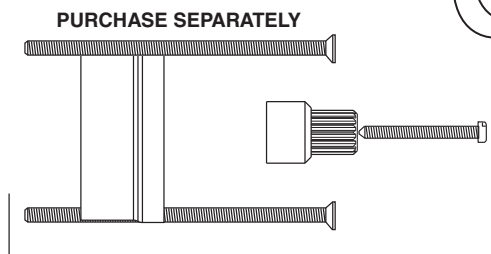
**M907050-YYY0A**  
 CARTRIDGE CAP



**078016-0020A**  
 ESCUTCHEON SCREWS

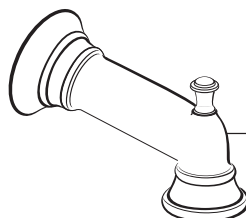


**M970584-YYY0A**  
 DIAL PLATE

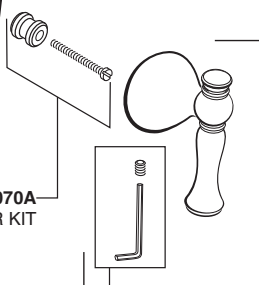


**PURCHASE SEPARATELY**

**M954805-YYY0A**  
 DEEP ROUGH-IN  
 KIT



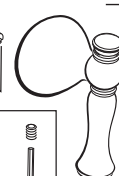
**8888094.YYY**  
 DIVERTER SPOUT (SLIP-ON)



**M970457-0070A**  
 HANDLE ADAPTER KIT



**M970221-0070A**  
 SCREW KIT



**M970486-YYY0A**  
 HANDLE KIT

Replace the "YYY" with  
 appropriate finish code

POLISHED CHROME	002
BRUSHED NICKEL	295

## **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



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