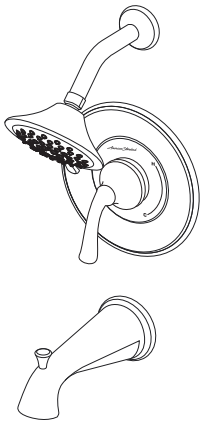
American Standard

INSTALLATION INSTRUCTIONS

TU106500
TU106501
TU106502
TU106507
TU106508



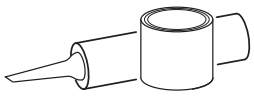
Patience
Pressure Balancing Bath and Shower Trim Kit

Thank you for selecting American Standard... the benchmark of fine quality for over 100 years.

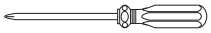
To ensure that your installation proceeds smoothly-please read these instructions carefully before you begin.

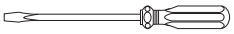
For use with shower heads rated at 4.9 L/min (1.3 gpm) or higher.

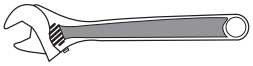
RECOMMENDED TOOLS


Plumbers' Putty or Caulking


Teflon Tape


Phillips Screwdriver

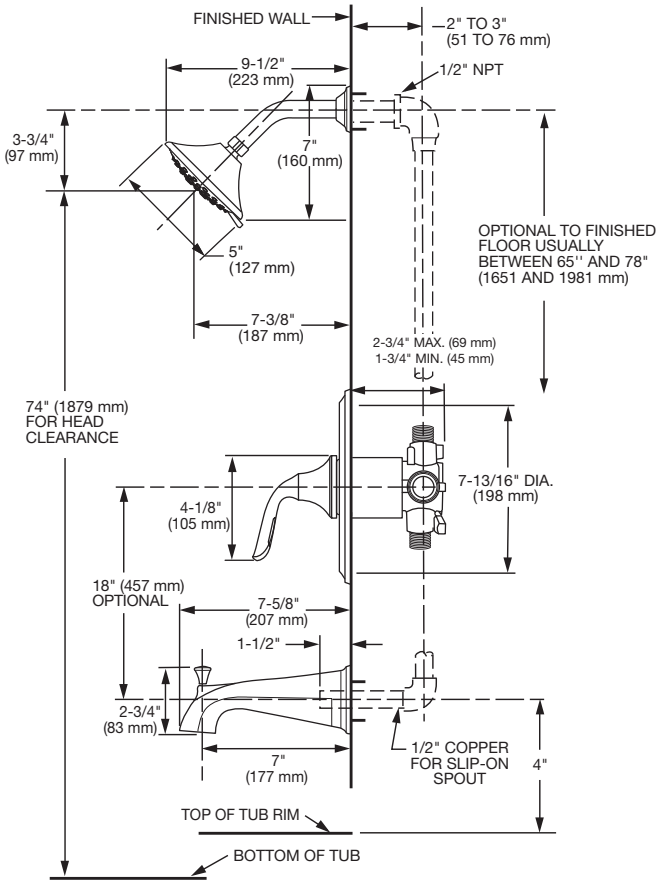

Flat Blade Screwdriver


Adjustable Wrench


Channel Locks

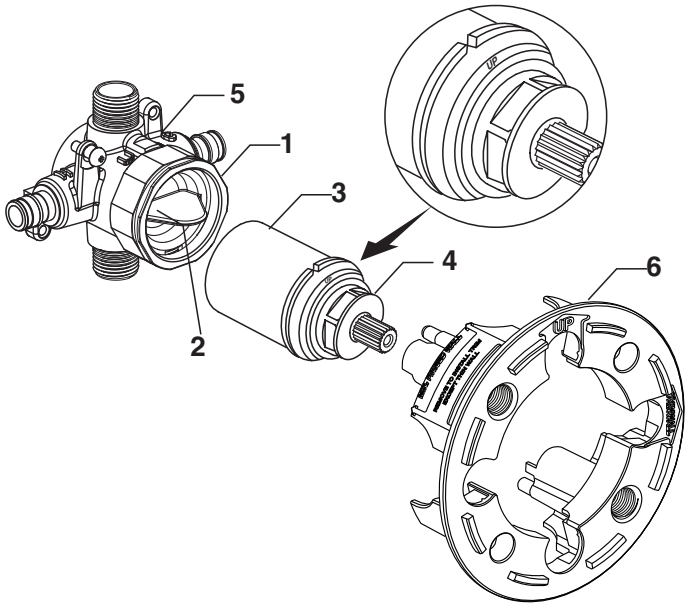
ROUGHING-IN DIMENSIONS

- 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.

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M965929 (8/18)

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)**.

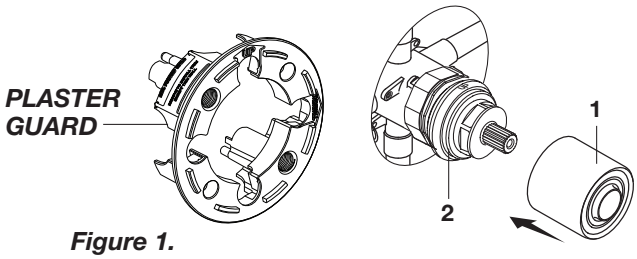


Figure 1.

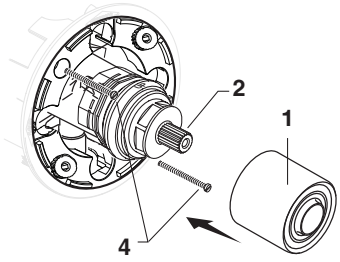


Figure 1a.

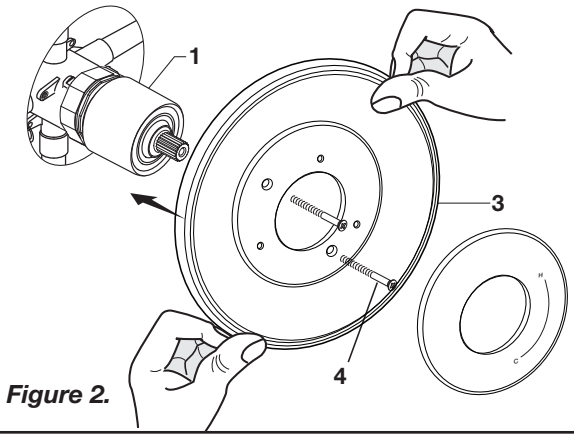


Figure 2.

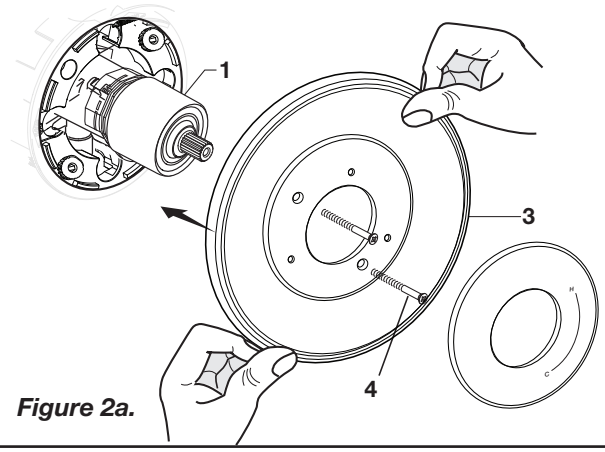
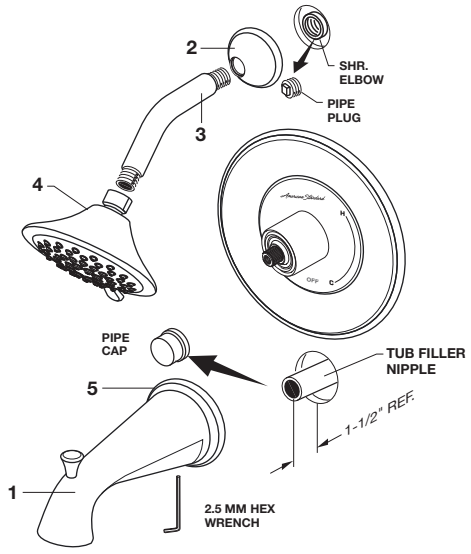


Figure 2a.

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

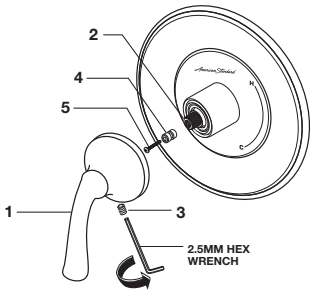
CAUTION **Protect finish on SHOWER HEAD and TUB SPOUT when installing.**

- Remove pipe cap and plug from shower and tub rough piping.
- Slip DECORATIVE PLATE **(5)**, then slip TUB SPOUT **(1)** onto tub nipple and tighten with 4mm Hex Wrench.
  CAUTION: Protect finish on TUB SPOUT when installing.
- Install SHOWER ESCUTCHEON **(2)** onto SHOWERARM **(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 ARM when installing.



4 HANDLE INSTALLATION

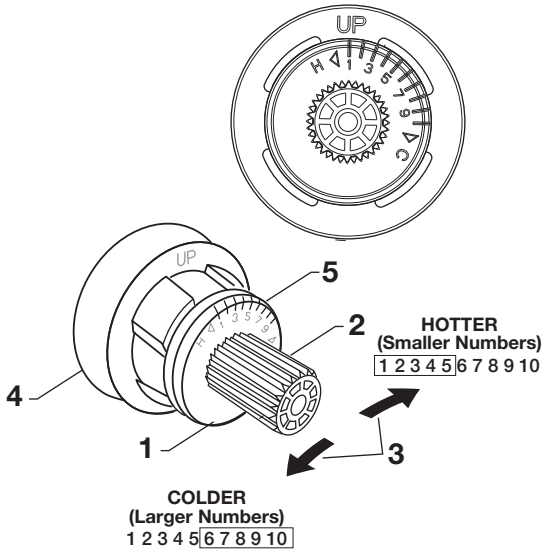
- Hold ADAPTER **(4)** onto CARTRIDGE STEM **(2)** and install ADAPTER SCREW **(5)** through ADAPTER **(4)** into CARTRIDGE STEM **(2)**. Tighten ADAPTER SCREW **(5)** to secure ADAPTER **(4)** to CARTRIDGE STEM **(2)**.
- Install HANDLE **(1)** by pushing it onto CARTRIDGE STEM **(2)** and tightening SET SCREW **(3)** from below with 2.5 mm Hex Wrench supplied.



M965929 (8/18)

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 (FIGURE 1)

- 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).

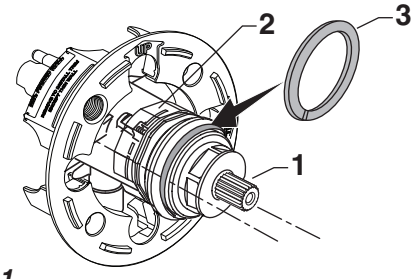


Figure 1.

Standard *Back to Back*

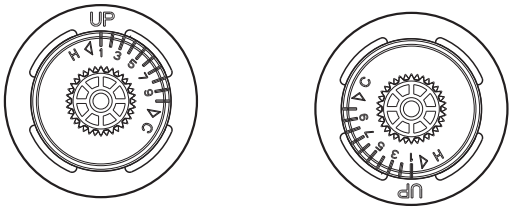


Figure 2.

BACK TO BACK INSTALLATION (FIGURE 2, 3 & 3A)

- Remove CARTRIDGE **(1)**.
- Remove venturi tube by pushing it out. As shown in **FIGURE 3.**
- Rotate CARTRIDGE **(1)** 180˚ so that the Up text is displayed on the bottom side. As shown in **FIGURE 2.**
- Reinstall the venturi tube by pushing it in. As shown in **FIGURE 3A.**
- Insert Cartridge back into the valve.
- Reassemble BONNET NUT **(2)** and hand tighten.

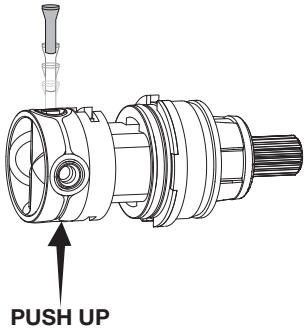


Figure 3.

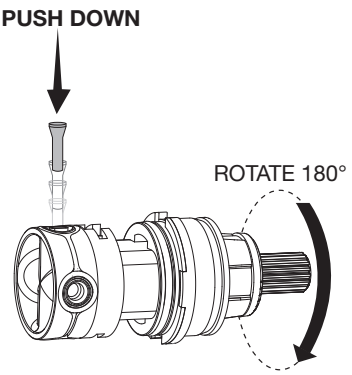


Figure 3A.

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.

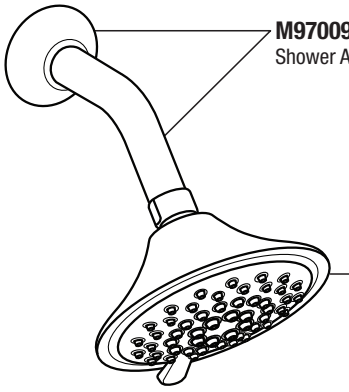
M965929 (8/18)

American Standard

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MODEL NUMBER

TU106500
TU106501
TU106502
TU106507
TU106508



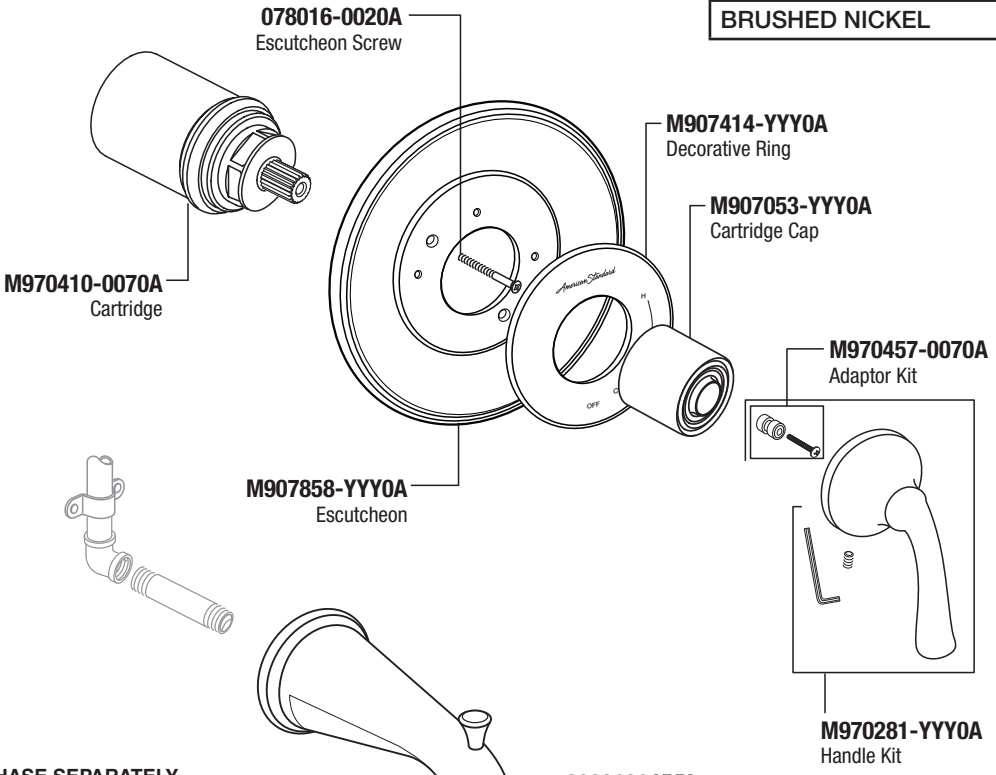
M970092-YYY0A
Shower Arm & Flange

1660738.YYY
Shower Head
(1.75 gpm)

1660739.YYY
Shower Head
(2.5 gpm)

Replace the "YYY" with appropriate finish code

POLISHED CHROME	002
POLISHED NICKEL	013
LEGACY BRONZE	278
BRUSHED NICKEL	295



078016-0020A
Escutcheon Screw

M907414-YYY0A
Decorative Ring

M907053-YYY0A
Cartridge Cap

M970410-0070A
Cartridge

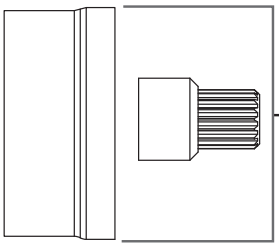
M970457-0070A
Adaptor Kit

M907858-YYY0A
Escutcheon

M970281-YYY0A
Handle Kit

8888101.YYY
Tub Spout

PURCHASE SEPARATELY



M954805-0070A
Deep rough-in kit

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