

# INSTALLATION INSTRUCTIONS



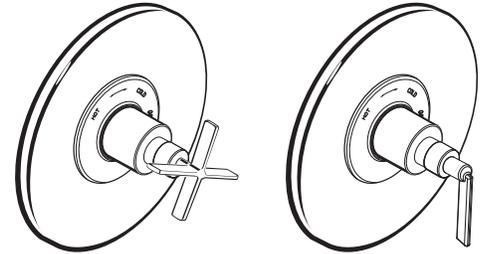
AMERICAN STANDARD

## Percy™ Pressure Balanced Shower Valve Trim Kit

**Cross Handle**  
**Model D35105540**

**Cylinder Handle**  
**Model D35105500**

**To be used with D35000500.191**  
**Pressure Balanced Shower Valve**



*Thank you for selecting DXV by American Standard. To ensure that your installation proceeds smoothly, please read these instructions carefully before you begin.*

### RECOMMENDED TOOLS AND MATERIALS

Most of the procedures require the use of common tools and materials, which are available from hardware and plumbing supply stores. It is essential that the tools and materials be on hand before work is begun.



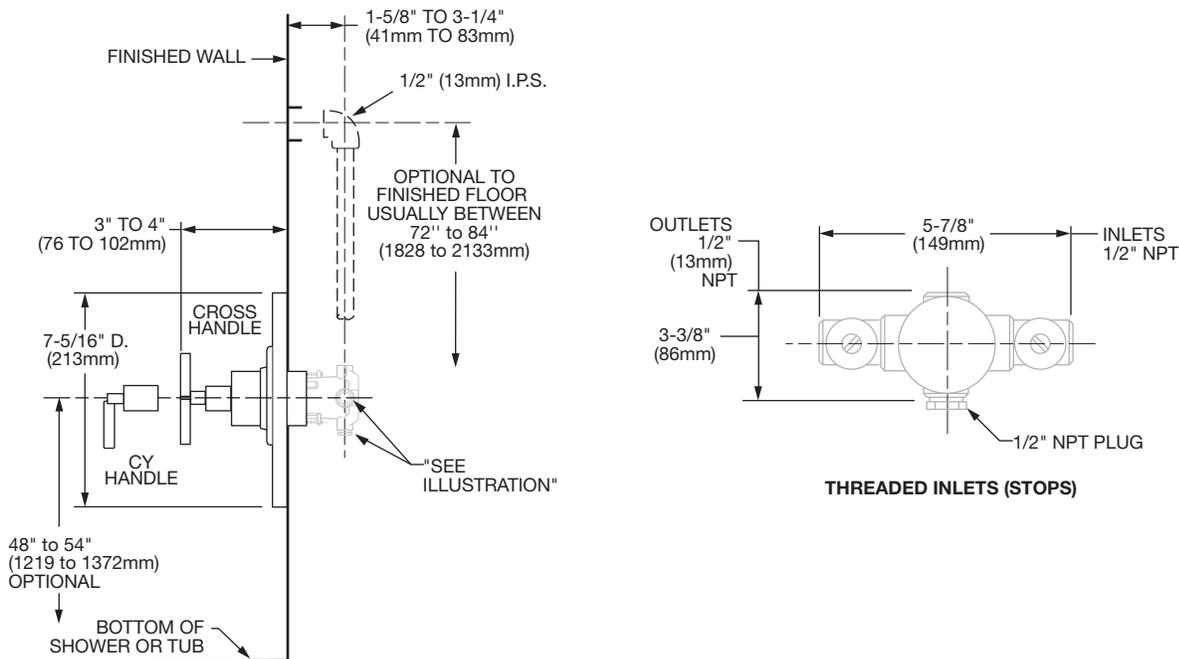
Phillips Screwdriver



Regular Screwdriver

### ROUGHING-IN DIMENSIONS:

- For reference



SAVE FOR FUTURE USE

#### In the United States:

DXV by American Standard  
 One Centennial Avenue  
 Piscataway, New Jersey 08855  
 Attention: Director of Customer Care

For residents of the United States, warranty information may also be obtained by calling the following toll free number: (800) 227-2734  
[www.DXV.com](http://www.DXV.com)

#### In Canada:

DXV by American Standard  
 5900 Avebury Road  
 Mississauga, Ontario  
 L5R 3M3  
 Canada

Toll Free: 1-800-387-0369  
 Local: 905-306-1093  
 Fax: 1-800-395-1498  
[www.DXV.ca](http://www.DXV.ca)

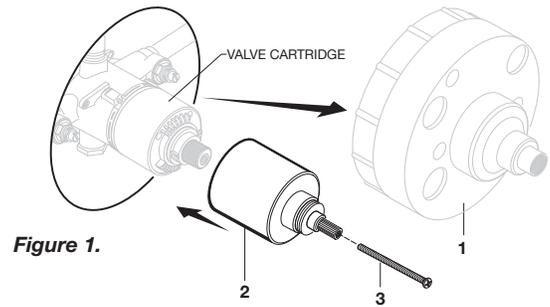
#### In Mexico:

DXV by American Standard  
 Via Morelos 330  
 Col. Santa Clara Coatitla  
 Ecatepec, Estado de México 55540

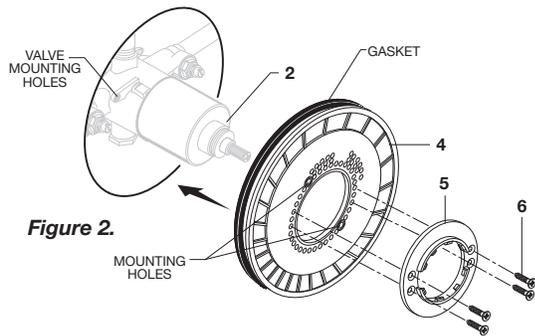
Toll Free: 01-800-8391200  
[www.DXV.mx](http://www.DXV.mx)

## 1 INSTALL VALVE TRIM **CAUTION** Turn off water at main supply.

- *Figure 1.* When finished tiling the wall, remove PLASTER GUARD (1).
- Push CARTRIDGE CAP (2) over VALVE CARTRIDGE until seated against stop.
- Install ATTACHMENT SCREW (3) and tighten to secure CARTRIDGE CAP (2) to valve.

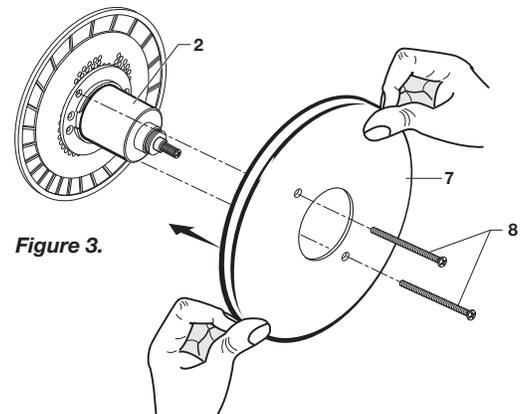


- ### 1a
- *Figure 2.* Align mounting holes and install ESCUTCHEON HOLDER (4) with gasket onto CARTRIDGE CAP (2). Mount ESCUTCHEON SUPPORT (5) to ESCUTCHEON HOLDER (4) with four SCREWS (6).



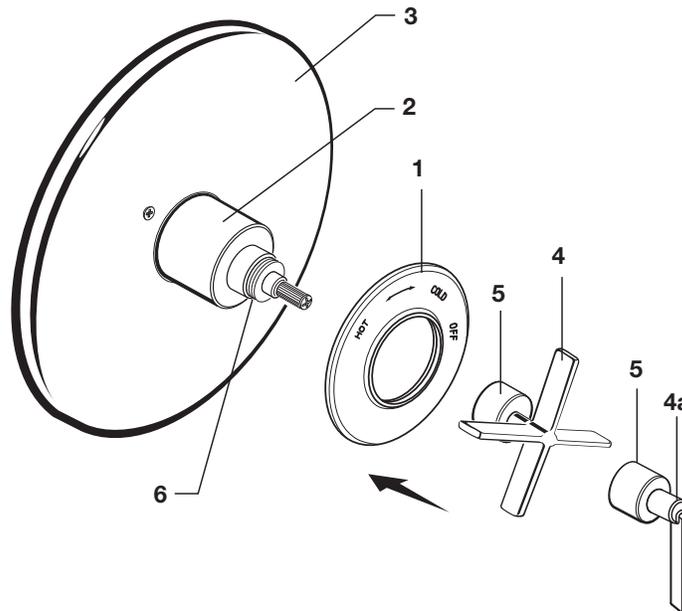
- ### 1b
- *Figure 3.* Push ESCUTCHEON (7) onto CARTRIDGE CAP (2) tight against finished wall.

- Align mounting holes and install the two MOUNTING SCREWS (8) and tighten.



## 2 INSTALL HANDLE

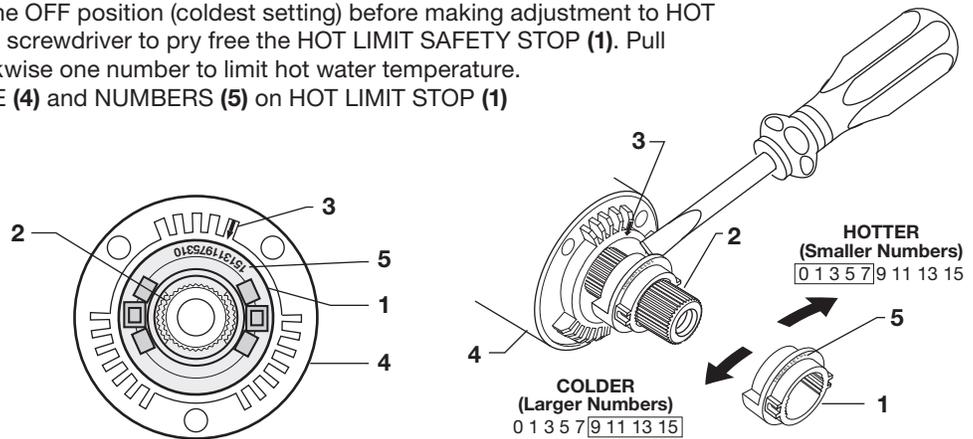
- Push DIAL PLATE (1) onto CAP (2) until flush against ESCUTCHEON (3).
- Align HANDLE (4, 4a) and thread the HANDLE BASE (5) onto the HANDLE SUPPORT (6). Hand tighten.



### 3 ADJUST HOT LIMIT STOP (MUST BE DONE PRIOR TO TRIM INSTALLATION)

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, all you need to do is 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). Use a flat blade screwdriver to pry free the HOT LIMIT SAFETY STOP (1). Pull forward and rotate counterclockwise one number to limit hot water temperature. Use ARROW (3) on CARTRIDGE (4) and NUMBERS (5) on HOT LIMIT STOP (1) for indication.



### 4 BACK TO BACK INSTALLATION (SEE ILLUSTRATION STEP 6 FOR REFERENCE)

- Remove Handle and Trim from Valve. See step 3 for reference.
- Remove PRESSURE BALANCE UNIT (5). Rotate PRESSURE BALANCE UNIT (5) 180° so that the inlets face up and the large outlet port faces down.
- Push PRESSURE BALANCE UNIT (5) in casting make sure inlets line up with holes in bottom of casting. Top flange should butt up against top of casting.
- Reassemble FIXATION RING (4) and CARTRIDGE (1).

### 5 TEST INSTALLED FAUCET

- Turn VALVE "off".
- With HANDLE in "off" position, turn on water supplies and check all connections for leaks.
- Operate HANDLE and flush water lines thoroughly.
- Check all connections for leaks.

### 6 TO GAIN ACCESS TO VALVE FOR SERVICING

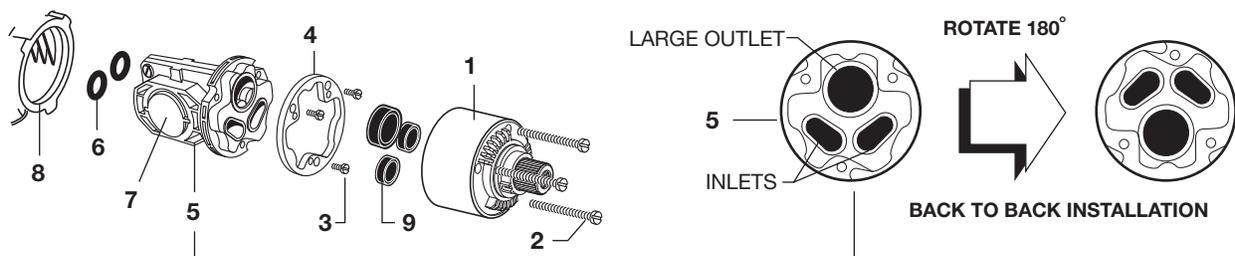
- Remove Handle and Trim from Valve. See step 3 for reference.
- Shut off water supply by either closing off main water supply, or closing off the hot and cold CHECK STOPS on valve, if present.

#### VALVE LEAKS WHEN SHUT OFF

- Remove CARTRIDGE (1) by removing CARTRIDGE SCREWS (2). Remove three SCREWS (3) from FIXATION RING (4) and pull out PRESSURE BALANCING (5) unit.
- Clean SEALS (9) on base of CARTRIDGE (1). Check base of PRESSURE BALANCING UNIT (5) and clean O-RINGS (6). Remove CAPS (7) and check O-RINGS on inside of CAPS (7). Clean inside sealing surfaces of VALVE BODY (8).
- Re-assemble PRESSURE BALANCING UNIT (5) and CARTRIDGE (1). Tighten all screws. Turn on water supply and see above for installing TRIM and HANDLE.

#### UNABLE TO MAINTAIN CONSTANT TEMPERATURE

- Remove PRESSURE BALANCE UNIT (5). Remove CAPS (7) and clean valve thoroughly.
- Examine balancing unit and check condition of O-ring on end of piston. Piston should move back and forth. Order Repair Part M952100-0070 if balancing unit is defective.
- Replace CAPS (7) and install PRESSURE BALANCE UNIT (5). Make sure inlets line up with two holes in bottom of casting. Top flange should butt-up against top of casting.





AMERICAN STANDARD

# Percy™ Pressure Balanced Shower Valve Trim Kit

## MODEL NUMBERS

Cross Handle  
**D35105540**

Cylinder Handle  
**D35105500**

Replace the "YYY" or "XXX" with appropriate finish code

POLISHED CHROME	100
BRUSHED NICKEL	144

