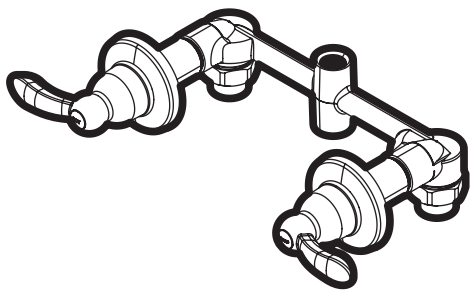
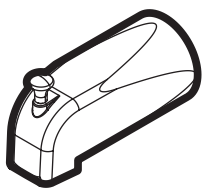
WOLVERINEBRASS®

EST0330







92-EST0330-01

IMPORTANT!

Turn cartridges to “Off” position before removing.

Turn on water supplies and check for leaks after install.

Make sure to flush system before installing showerhead and tub spout.

TOOLS & SUPPLIES NEEDED

Phillips Screwdriver



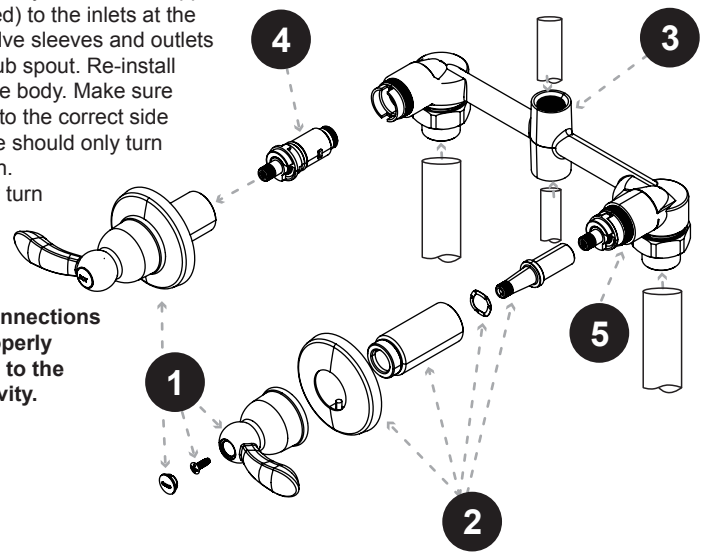
Adjustable Wrench



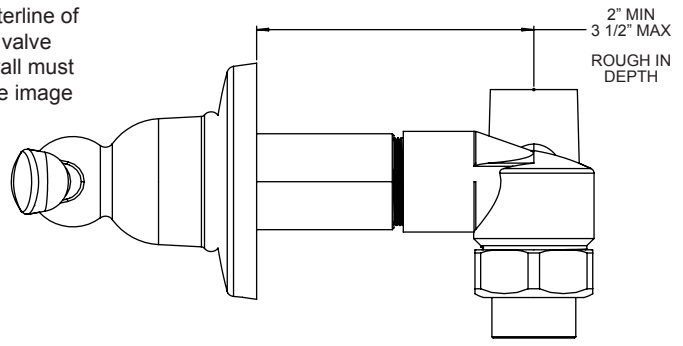
SHOWER VALVE INSTALLATION

1 Disassemble the Hot/Cold handle assemblies (1) and collars (2) from the valve body (3) using a Phillips Screwdriver. Pull cartridges, Hot (4) & Cold (5) out of the valve body. Solder ½” Copper Supply Lines (not included) to the inlets at the bottom of the hot/cold valve sleeves and outlets to the showerhead and tub spout. Re-install cartridges inside the valve body. Make sure cartridges are inserted into the correct side (Hot/Cold). Cold cartridge should only turn clockwise to “On” position. Hot cartridge should only turn counterclockwise to “On” position.

Ensure all Plumbing connections & Shower Valve are properly supported and secured to the structure of the wall cavity.



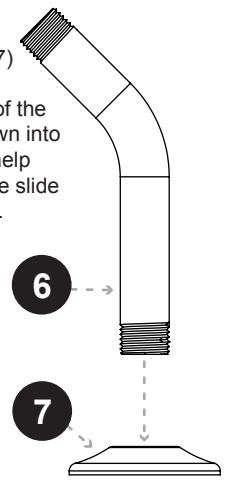
1a The distance from the centerline of the inlet/outlet parts of the valve assembly to the finished wall must be between 2” - 3 1/2”. See image below for reference.



NEED HELP?
For additional assistance or service please contact: 800-944-9292 www.wolverinebrass.com

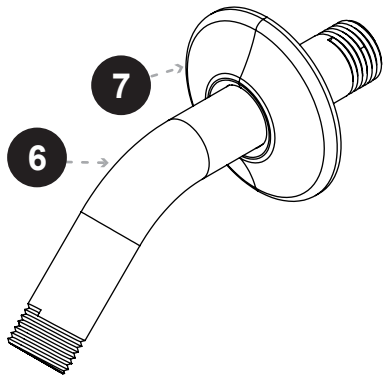
SHOWER ARM & FLANGE

2 Place the Escutcheon Plate (7) on a flat surface. Push the long end of the Shower Arm (6) down into the plate. This will help the teeth of the plate slide over the arm easier.



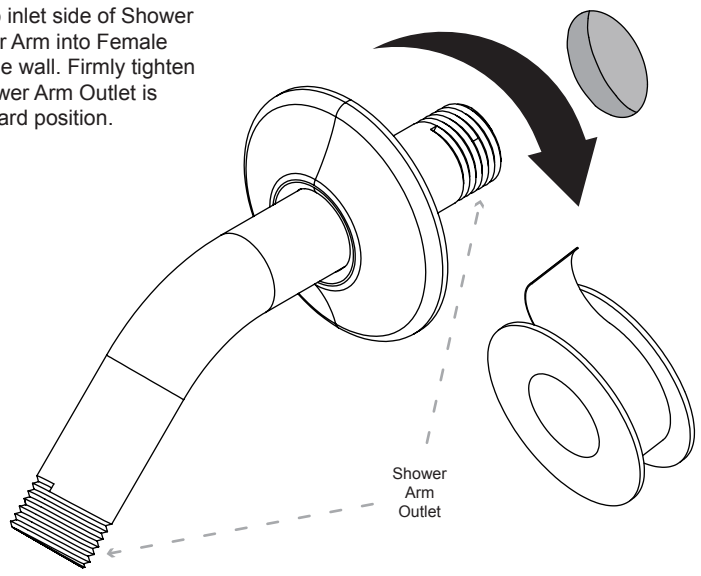
SHOWER ARM & FLANGE

3 Once the Escutcheon Plate (7) is on the Shower Arm, slide the plate down the Arm (6).



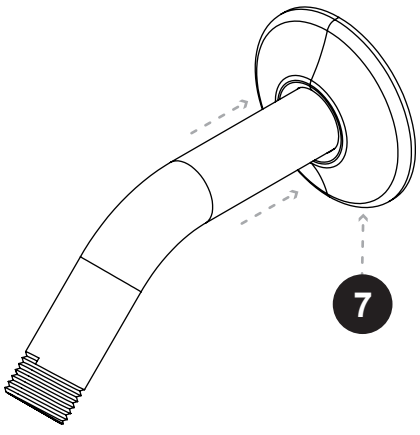
SHOWER ARM & FLANGE

4 Apply Teflon Tape to inlet side of Shower Arm. Thread Shower Arm into Female Pipe Fitting within the wall. Firmly tighten and make sure Shower Arm Outlet is pointing in a downward position.



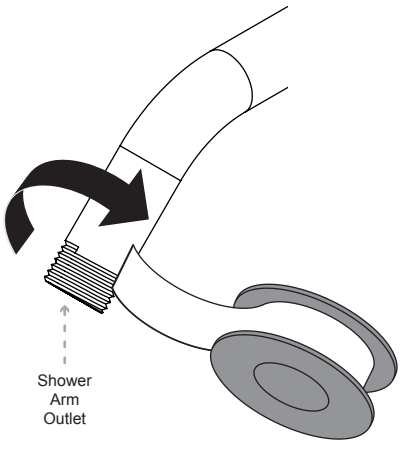
SHOWER ARM & FLANGE

5 Position Escutcheon Plate (7) flat against wall.



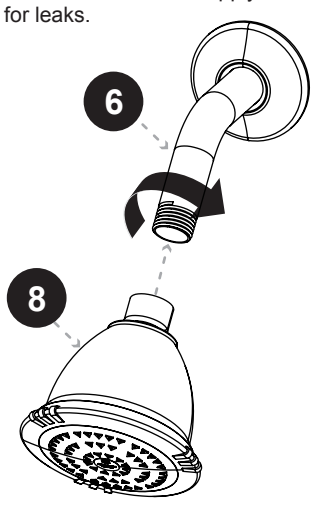
SHOWER HEAD INSTALLATION

6 Apply Thread Seal Tape to the outlet side of the Shower Arm in a clockwise direction.



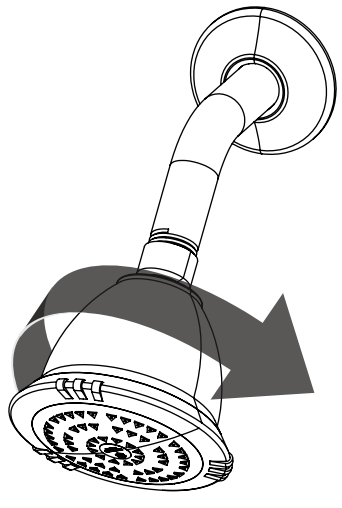
SHOWER HEAD INSTALLATION

7 Thread Showerhead (8) onto Shower Arm (6) by turning it in a clockwise direction. Tighten with adjustable Wrench. Turn water supply on and check for leaks.



SHOWER HEAD INSTALLATION

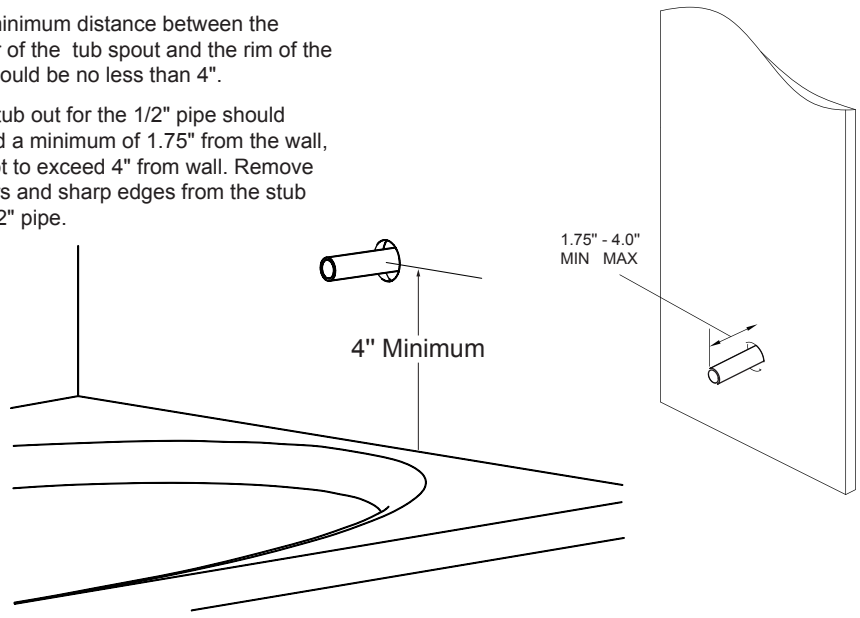
8 Adjust spray pattern by rotating faceplate to preferred position.



TUBSPOUT INSTALLATION

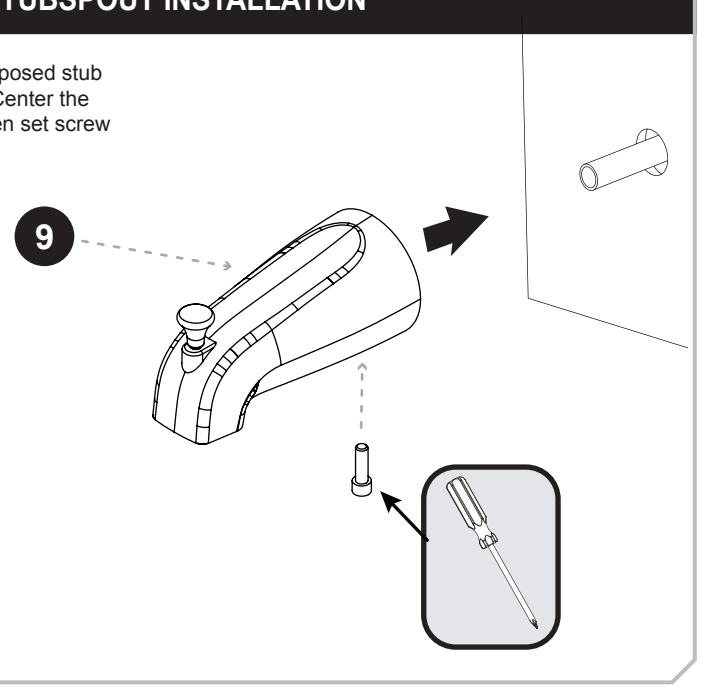
9 The minimum distance between the center of the tub spout and the rim of the tub should be no less than 4".

The stub out for the 1/2" pipe should extend a minimum of 1.75" from the wall, but not to exceed 4" from wall. Remove all burs and sharp edges from the stub out 1/2" pipe.

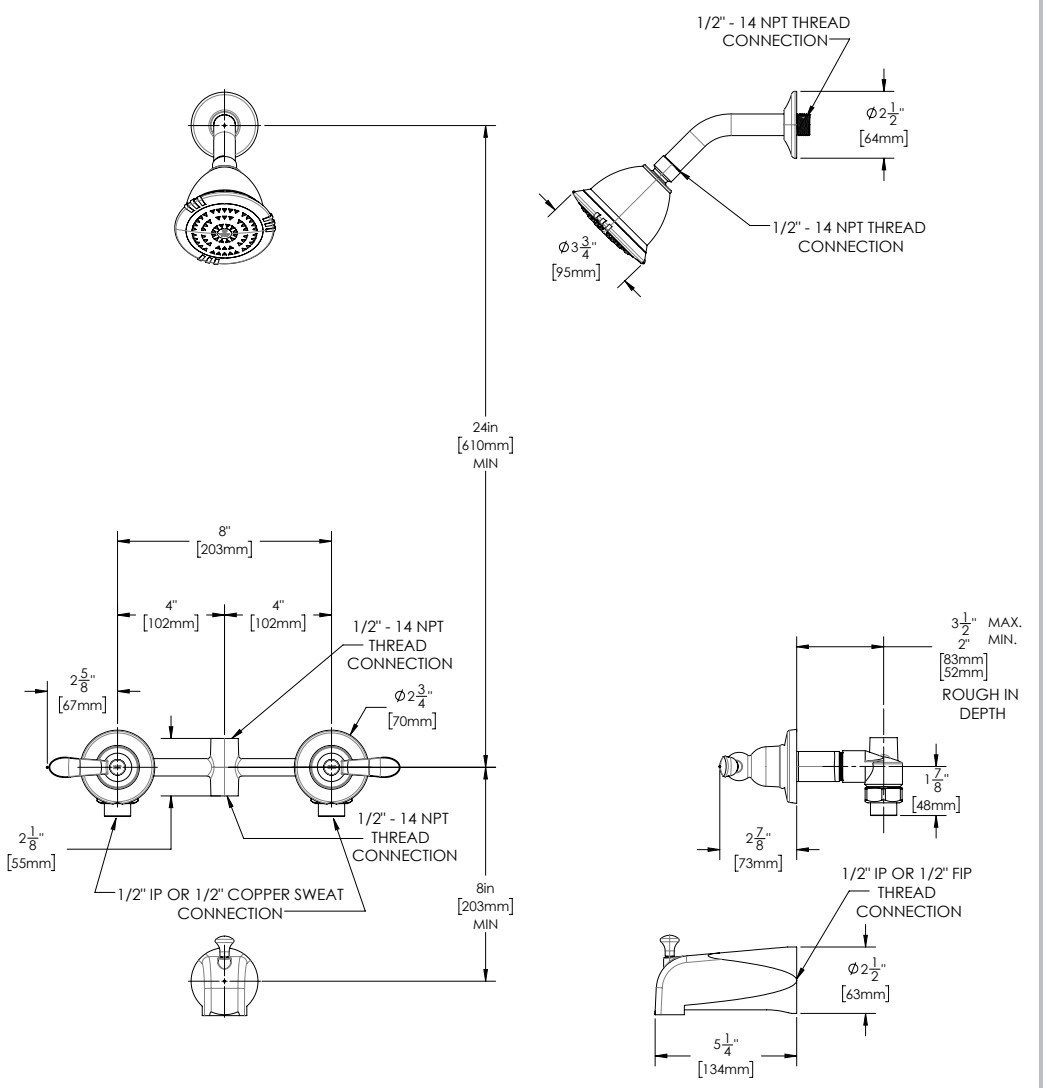


TUBSPOUT INSTALLATION

10 Slide Tub Spout (9) over exposed stub out pipe until flush to wall. Center the Spout on the wall and tighten set screw from underneath.



ROUGH-IN DIAGRAM



REPAIR PARTS

ITEM No.	PART No.	DESCRIPTION
1	ES00003	ESSENCE LEVER HANDLE-CH
2	42196	INDEX BUTTONS H/C-WH 25810/25811
	42194	INDEX BUTTONS H/C-CH 25810C/25811C
3	24909	SELF TAPPING SCREW 8-32X1/2”
4	43056	2 VALVE T/S FLANGE-CH
5	43058	2 VALVE T/S COVER TUBE-CH
6	24970	2 VALVE T/S STEM WAVE WASHER
7	24896	STEM EXT 2 VLV T/S-BRASS
8	57613	STEM PAIR-HOT/COLD-PLATED BRASS
	53573	STEM HOT-PLATED BRASS
	53574	STEM COLD-PLATED BRASS
9	0025750	VALVE CARTRIDGE STEM O-RING
10	53571	CARTRIDGE ASSEMBLY HOT OR COLD
11	24411	2 VALVE T/S DIVERTER ASPIRATOR
12	24635	1/2” IP/SWEAT UNION BUSHING
13	24634	BRASS UNION COUPLING NUT
14	*52456	6” SHOWER ARM AND FLANGE-CH
15	CV00013	TUB SPOUT 1/2” FIP-CH
16	53695	SHOWER HEAD, SINGLE FUNCTION-CH
17	42385	3 O-RINGS
25	55729W	CARTRIDGE PULLER, 2 HANDLE FCT.

* ORIGINAL EQUIPMENT DIFFERS FROM REPAIR PART.