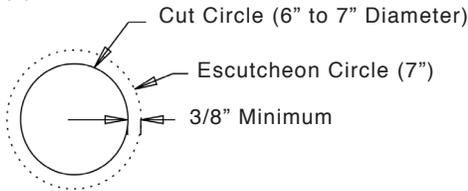
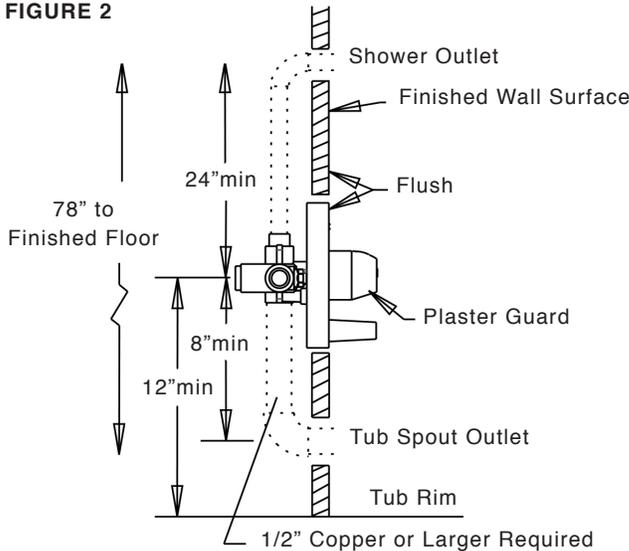
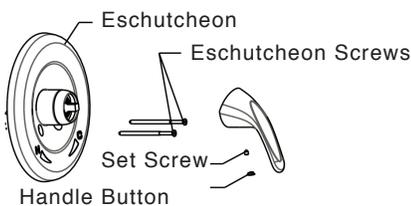
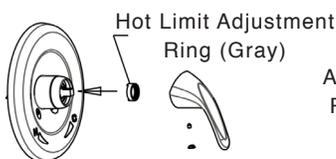
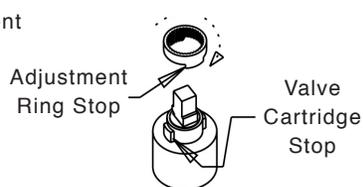


FIGURE (1)

FIGURE 2

FIGURE 3

FIGURE 4

FIGURE 5


HOT LIMIT STOP ADJUSTMENTS: (FIGURE 4 & 5)

The hot limit stop is a device that is used to limit the cartridge travel to the extreme hot position.

1. Remove handle using 3/32" hex wrench.
2. Remove (gray) hot limit adjustment ring from valve cartridge.
3. Turn valve on and adjust to maximum desired water temperature.
4. Reposition gray hot limit adjustment ring so that the ring stop touches the cartridge stop (See Figure 5). This will prevent the valve stem from rotating any further towards the full hot position.
5. Re-assemble handle.

INSTALLATION INSTRUCTIONS:

WALL PREPARATION:(FIGURE 1)

1. Determine exact valve location on finished wall. Refer to figure (2) for recommended valve height location
2. Once valve location is determined, draw a (6" to 6 1/4") diameter circle around the location point and then cut a (6" to 6 1/4") diameter hole. Or, use the escutcheon (cover plate) as a template and trace a circle around the valve location. Then cut a hole staying at least 3/8" inside the escutcheon circle. See Figure (1)
3. Cut holes for Shower Head and Tub Spout outlets. Refer to figure (2) for recommended height locations.

VALVE INSTALLATION:(FIGURE 2)

4. Valve Orientation: Make sure the valve is properly oriented. The word "UP" on the valve body should be pointed towards the shower riser. The word "DOWN" should be pointed towards the tub spout outlet.
5. Valve Depth: Insert valve assembly with plaster guard into cut hole in wall. The flat surface marked "IMPORTANT" on the plaster guard should be FLUSH with the finished wall surface. DO NOT install valve assembly too deep in wall cavity.
6. Valve Plumbing: Use Teflon tape or pipe thread sealant on all threaded connections. DO NOT OVER HEAT valve body if soldering connections.

* 1/2" Copper or larger required for drop from valve to tub spout to prevent back pressure that will cause leakage from shower head when discharging water through tub spout.

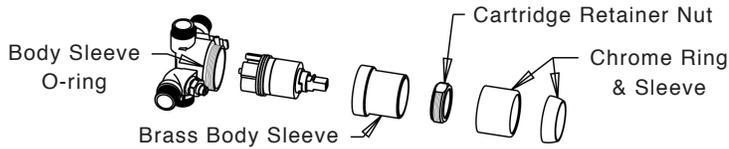
TRIM INSTALLATION:(FIGURE 3)

7. After valve is properly plumbed into the wall, remove plaster guard.
8. Install escutcheon plate to valve using 3 1/4" oval head screws. **CAUTION:** Over tightening screws will deform escutcheon plate.
9. Assemble handle onto valve stem and tighten handle screw with 3/32" hex wrench. Insert handle button into handle with Red on left, and Blue on the right.

ADA Compliant



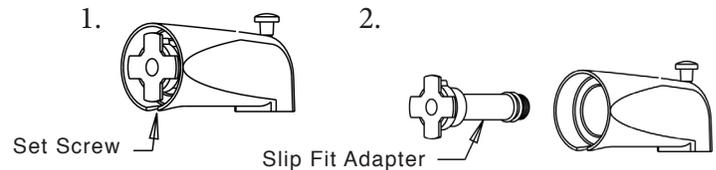
SINGLE CONTROL PRESSURE BALANCE TUB/SHOWER UNITS

FIGURE 6**CARTRIDGE REMOVAL:(FIGURE 6)**

1. Remove chrome retainer ring and sleeve.
2. Unscrew brass cartridge retainer nut and brass body sleeve.
3. Remove pressure balance single control cartridge.
4. Inspect body sleeve o-ring to make sure it is not cut or torn. If o-ring is damaged, replace before re-assembling Tub/Shower valve.

TUB SPOUT INSTALLATION

1. **SLIP FIT INSTALLATION:** Remove all burrs and sharp edges from copper pipe. Assemble tub spout onto copper pipe.
2. **IRON PIPE INSTALLATION:** Unscrew and remove slip fit adapter from tub spout. Apply Teflon tape or paste to pipe threads. Assemble tub spout and check all connections for leaks.

**CLEANING INSTRUCTIONS**

Use only a clean, soft cloth, water, and mild hand soap to clean unit.

WARNING: Do NOT use abrasive cleaners, chemicals, or abrasive cleaning pads to clean fixture. A very hard protective coating has been applied to this product to maintain its appearance, but this product could be damaged with improper cleaning. Failure to follow cleaning instructions will void product warranty.

PRODUCT WARRANTY

Wolverine Brass faucets have been manufactured to our high quality standards and workmanship. **The warranty covers defects in materials and/or workmanship to the original purchaser/home owner (warranty is not transferable to another person).** The faucet is warranted to remain drip-free during normal use. All parts and finishes will be free from manufacturing defects. With the exception of items listed below, this product has a limited warranty against defects in materials or workmanship for a period of 1 year from the date of purchase. The warranty is voided if the product is found to be misused or the following cleaning instructions were not followed. Damage due to accidents or installation is not warranted.

1. Faucet valve cartridges have a limited warranty for a period of 100 years from the date of purchase. This date is stamped on the valve cartridge
2. Product finish has a limited warranty for a period of 100 years from the date of purchase. Failure to follow the cleaning instructions listed below voids all finish warranty. Damage due to accidents or installation is not warranted.

This warranty covers replacement of cartridges, parts and finish only. It does not include labor charges and/or damage incurred during installation.

Wolverine Brass will provide free of charge all parts and cartridges found to be covered under the warranty; any part that proves defective in material and/or workmanship under normal installation, use and service. Finish warranty is not covered if finish is exposed to extreme use of cleaners containing abrasives and alcohol, extreme cleaning, extreme chemical use, or any damage due to abuse or neglect (Oil Rubbed Bronze finish is warranted for 1 year).

**Please see cleaning instructions provided with each faucet. This warranty excludes all industrial, commercial, and business usage of faucets and only pertains to single dwelling residential use. Faucets used for other than single dwelling residential use are covered by a 1-year limited warranty from the date of purchase.

CALIFORNIA PROP. 65

WARNING: Plumber, California law requires that this warning be given to the customer. Under federal guidelines set forth by the Safe Drinking Water Act, the U.S. Environmental Protection Agency enforces limits on the amount of lead used in brass and solder for plumbing products. This faucet, along with any other brass components of a water system (e.g. other faucets, water meters), as well as lead based solder joints can contribute detectable amounts of lead to water that is allowed to stand in them for prolonged duration. To reduce the exposure to lead from any brass faucet we suggest that you: **ALWAYS RUN WATER FOR A FEW SECONDS TO CLEAR THE STANDING WATER IN YOUR FAUCET. ALSO, WASH HANDS AFTER INSTALLATION, REPAIR, OR REMOVAL OF THIS PRODUCT.**

WARNING: THIS FAUCET CONTAINS LEAD, A CHEMICAL KNOWN TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

Should you wish to have your water tested, there are many private laboratories certified by the U.S. E.P.A. or your state E.P.A. that can do such testing.