



MAINTENANCE AND CARE INSTRUCTIONS

Olympia products are designed and engineered under strict quality standards. Regular and proper care of our products will ensure years of trouble free service. To clean, simply wipe with a damp, soft cloth. Do not use abrasive or harsh cleaners as they may result in finish damage.

TROUBLE SHOOTING

A. No Cold / Hot Water:	1. Shut off valve control. Reopen slowly when the supply pressure is equalized.
	2. Check water supply to hot & cold inlets. (Valve is designed to shut-off in the event of water flow is interrupted to either hot or cold inlets.)
	3. Check valve inlet stops (B) to see that both are in the fully open position. (Valve is designed to shut off if flow is diminished to either side.)
B. Low Flow / No Temperature Adjustment:	1. See above.
	2. Close water supply and relieve the pressure.
	3. Remove pressure balancing spool assembly (C). Clean or replace. Flush the system. Reinstall and do not lube. Restore the supply pressure.

OLYMPIA FAUCETS, INC. LIMITED LIFETIME WARRANTY *

Olympia Faucets, Inc. warrants its products to the original consumer purchaser to be free from defects in material and workmanship as long as the consumer purchaser owns it. Dated proof of purchase must accompany all warranty claims. PVD finishes carry a lifetime warranty in residential service.

Olympia Faucets, Inc. will replace, free of charge, to the original consumer purchaser, any and all parts that prove defective under normal installation, use, and service. Damage as a result of misuse, abuse, accident, or improper installation, will consequentially void this warranty. Replacement parts can be obtained from your local dealer or directly from Olympia Faucets. Olympia Faucets, Inc. recommends using a certified plumber for all faucet installation and repair.

This warranty is limited to replacement of defective parts only. Incidental and consequential damages, labor charges, repair, or replacement costs are expressly excluded. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, as you may have other rights of which vary from state to state.

Installation or maintenance and cleaning must be in compliance with instructions furnished with every Olympia product. If you find a problem with your product, please immediately contact your nearest Olympia Faucets, Inc. dealer or sales representative.

* 2 year limited warranty on commercial and multi-family projects.



INSTALLATION AND MAINTENANCE INSTRUCTIONS FOR OLYMPIA SINGLE HANDLE TUB AND SHOWER SETS

THIS PRODUCT MEETS THE FOLLOWING STANDARDS: ASME A112.18.1~ ANSI A117.1 ~ UPC / IAPMO LISTED / ADA COMPLIANT

PRODUCT NUMBERS

#P-2300B	Tub & Shower Valve Only With Inlet Stop
#P-2400B	Tub & Shower Valve Only Without Inlet Stop
#P-2301B	Tub & Shower Valve Only with Pex connections (Inlets & Shower Outlet) & with Inlet stop
#P-2300CS	Tub & Shower Set
#P-2300T*	Tub & Shower Trim Only
#P-2301T*	Tub Trim Only
#P-2302T*	Shower Trim Only
#P-2303T*	Valve Trim Only
#P-2340T*	Tub & Shower Trim Only - Lever Handle
#P-2341T*	Tub Trim Only - Lever Handle
#P-2342T*	Shower Trim Only - Lever Handle
#P-2343T*	Valve Trim Only
#P-2360T*	Tub & Shower Trim Only - Lever Handle
#P-2361T*	Tub Trim Only - Lever Handle
#P-2362T*	Shower Trim Only - Lever Handle





Thank you for purchasing this quality product. Olympia products are rigorously tested to provide long service under normal conditions. Prior to installation, familiarize yourself with this parts diagram. Make sure that you have all of the illustrated parts for your Olympia product before installation.

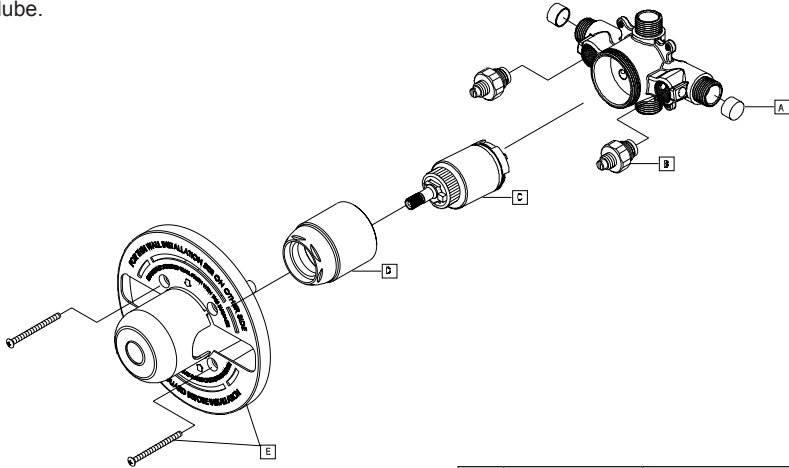
ATTENTION: IMPORTANT INFORMATION BEFORE YOU START

- For "Shower Only" installations, be sure to plug bottom (tub) outlet with the brass cap (Available to Purchase Separately).
- For "Tub Only" installations, be sure to plug top (shower) outlet with the brass cap (Available to Purchase Separately).
- For thread joint installations, always use thread sealant or teflon tape on all threads.
- When soldering, do not heat valve more than necessary. Excessive heat may cause internal damage to the cartridge, stops.
- If you are installing in a plaster wall with tile, make sure that the surface of plaster guard covering the valve is flush with the finished wall.

Special Caution to Consumer: This valve is designed for ease of operation. Excessive force on the handle may cause severe damage and will void the manufacturer's warranty.

CAUTION: INLET STOPS & SST PRESSURE BALANCING SPOOL

- In the event that inlet stops (B) are removed when replacing, do not tighten more than 5lbs / inch. Overtightening may cause damage to the stop.
- If the water supply in your area contains lime, rust, sand or other contaminants, the pressure balancing spool (C) should be periodically inspected. To inspect the spool, carefully remove it from the valve body and examine for any contaminants. Clean if needed, Shake the spool vigorously to assure that the piston inside the spool moves freely. Carefully reinstall the spool in the valve body. Do not lube.



	ITEM #	DESCRIPTION
A	OP-440023	Cap
B	OP-440007	Inlet Screwdriver Stop
C	OP-340008	Ceramic Cartridge W/spool
D	OP-440022	Retainer Sleeve
E	OP-440021	Plaster guard



For more care information or trouble shooting inquiries about your Olympia product, please call:
OLYMPIA FAUCETS, INC. (888) 772-7701
 Central Standard Time: 8:00am ~ 7:00pm
 www.olympiafaucets.com

INSTALLATION INSTRUCTIONS

Tools you will need:

- Plumbers Putty
- Screwdriver
- Pipe Wrench
- Basin Wrench
- Teflon Tape
- Flexible Supply Lines
- Adjustable Wrench
- Soft Cloth

STANDARD VALVE INSTALLATION:

1. Install valve with the word UP facing up towards the ceiling, with the plaster guard flush with the FINISHED SURFACE.
2. Connect water supply lines. Left side is hot, and right side is cold. NOTE: Remove plastic and rubber components prior to soldering to prevent internal damage. This Valve is designed for 1/2" IPS and CXC inlet and outlet connection. It may not work properly with other connections.
3. After the finished wall is completed, remove the plaster guard (E) from the valve body.

NOTE: To obtain maximum valve operation, the following installation dimensions are strongly recommended:

- Distance between valve body and showerhead outlet should be a minimum of 36".
- Piping between valve body and tub spout must be minimum 8" to maximum 18".

Caution:- Do not use PEX or CPVC between the valve and tub spout.

THIN WALL INSTALLATION:

When installing the pressure balancing valve in wall with a desire not to remove the plaster guard, make sure the surface of the plaster guard (E) is 1/4" behind the finished wall in order to correctly install the face plate. Rotate counter clockwise to remove the nose cone from the plaster guard, being careful not to damage the trim sleeve.

Note: It is recommended to secure the valve piping to rough construction and not depend on thin wall for valve mounting support.

BACK TO BACK INSTALLATION (HOT on RIGHT and COLD on LEFT) :

Follow the standard valve installation procedure above. Remove cartridge (C) from the valve body, rotate 180 degrees and reinstall. Secure with the retainer sleeve (D).

FLUSHING THE SYSTEM:

Prior to installing the showerhead. Turn to the fully "On" position. Slowly turn on the water supplies for one minute to flush out debris in the lines. After flushing the system, turn off the water.

TRIM INSTALLATION:

1. Slide the face plate over the sleeve tube (D) and install with the 2 trim screws provided.
2. Install all remaining trim.

For slip-fit tub spout installation: (A) For Standard 5" Tub Spout:-The 1/2" nominal copper tube must be cut with a minimum length of 2-1/4" to a maximum length of 2-5/8" from finished surface of tub or wall. **(Add extra 1/4" to the length of copper tube for spout flange application).**

For Extended 7" Tub Spout:- The 1/2" nominal copper tube must be cut with a minimum length of 3-1/2" to a maximum length of 3-7/8" from finished surface of tub or wall. **(Add extra 1/4" to the length of copper tube for spout flange application).** (B) The end of copper tube should be chamfered free of any burrs to prevent cutting or nicking o-ring inside the spout. The outside surface may be sanded free from nicks and scratches. (C) Press and twist the spout over copper tube flush with the finished tub or wall surface. (D) Tighten the set screw, but do not overtighten.

For IPS tub spout installation: (A) For Standard 5" Tub Spout:-The 1/2" nipple must be kept at minimum length of 1-1/4" to a maximum length of 1-3/8" from finished surface of tub or wall. **(Add extra 1/4" to the length of nipple for spout flange application).** **For Extended 7" Tub Spout:-** The 1/2" nipple must be kept at minimum length of 2-3/8" to a maximum length of 2-5/8" from finished surface of tub or wall. **(Add extra 1/4" to the length of nipple for spout flange application).** (B) Remove Allen screw, twist and remove spout insert by using 1-1/32" size socket. Also remove black washer. (C) Apply teflon tape at threaded end of nipple. Screw tub spout onto the nipple and tighten by strap wrench.

3. Place the handle on the stem. Secure the handle by tightening the set screw with 3/32" allen wrench for lever handle,

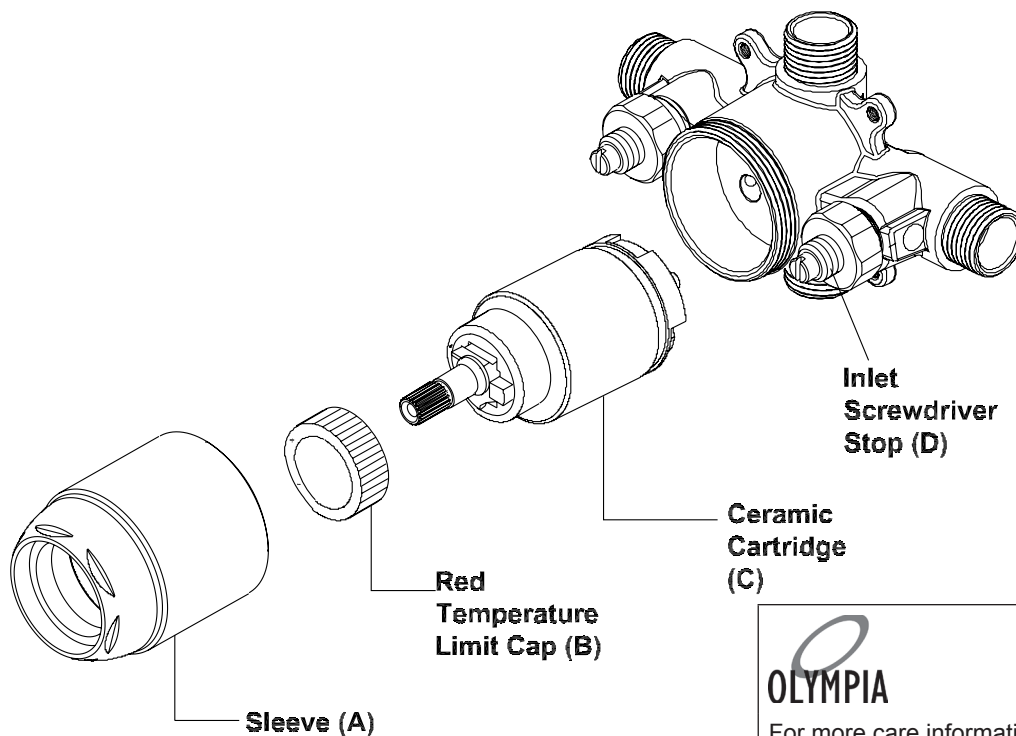


Temperature Adjustment Instructions For Single Handle Pressure Balance Valve

Note: Valve features a temperature limit cap(B) which can be adjusted to get desired temperature. Temperature limit cap(B) can be set to allow partial or full access to hot water which can be used in situations like limiting the amount of hot water in child's or elderly person's shower. Temperature limit cap(B) is typically set at the factory to allow only warm water to pass through the valve and may need to be adjusted to get desired temperature depending on the settings on the water heater.

1. Remove handle by loosening set screw, lift off.
2. Carefully remove face plate and gasket.
3. Close inlet stops(D) or turn off the inlet water supply and relieve the pressure.
4. Ensure to turn the ceramic cartridge(C) back to OFF position else the temperature limit cap(B) is unremovable.
5. Remove retainer sleeve (A) by unscrewing counter clockwise,
6. Hold cartridge (C) and remove the temperature limit cap(B). If you can not remove it follow the step 4.
7. Turn temperature limit cap(B) clockwise to decrease the temperature setting. **This adjustment may vary depending on temperature of the water supplied by water heater, as well as customer's preference. It could take a few adjustments until satisfactory temperature is reached. The customer also has the option of removing the temperature limit cap completely to allow full hot water, this will not affect the function of the valve.**
8. Reassemble and test until desired safe temperature is reached. (Note: Ensure proper alignment of cartridge with notch in valve body.)

Caution:-This product may cause personal injury due to scalding if the temperature is set too high. It is recommended that temperature is set below 120 °F(49 °C). Adjust as necessary.



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