



**EVERHOT VALVE REPAIR KIT
VALVE REPLACEMENT INSTRUCTIONS
for Models LVH 500, 510, 610 & 630
DUAL LEVER HOT / COLD FAUCETS**

KIT CONTAINS: 2- Valves
2- Spout O-rings
1- Setscrew wrench (Allen wrench)
1- Valve retainer removal tool

YOU WILL NEED: 1- Flathead Screwdriver

1. Turn off water supply to EverHot faucet.
2. Using Allen wrench, loosen setscrew at back of faucet by turning screw 4 revolutions counter-clockwise (it is not necessary to completely remove setscrew.)
3. Grasp spout just above faucet body and gently but firmly pull spout straight up using a back and forth twisting motion until bottom end of spout is approx. 1" above top of faucet body. Hold exposed section of clear or white 5/16" tube between spout and faucet body with one hand and pull spout completely off with the other. **It is important that the 5/16" tube not move up or down within the faucet body.** Set spout aside.
4. Slide hot and cold levers toward 5/16" tube and lift off; set aside. NOTE: Chrome and Satin Nickel levers may have a pin in the lever. The pin must be removed before the lever will come off. Use the end of the Allen wrench to push the pin and then remove it completely.
5. Unscrew tee nut(s) from top of valve stem(s) by turning counter-clockwise.
6. Unscrew valve retainer(s) using special tool provided in kit. Tool is designed to be used with a flathead screwdriver.
7. Remove remaining part of valve assembly by pulling valve stem straight up. Pliers may be needed if valve stem is difficult to remove.
8. Flush debris from valve bore by momentarily turning on water supply to EverHot faucet. Turn on supply ONLY SLIGHTLY to prevent a mess to clean up!
9. Insert new valve assembly into valve bore. **IMPORTANT NOTE:** valve assembly is pre-lubricated with a specially formulated silicone O-ring lubricant. Further lubrication is not necessary. **Never use products such as WD-40, petroleum**

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jelly, or other household products on valve assembly as PERMANENT DAMAGE to valve o-rings may result.

10. Using special tool along with flathead screwdriver, turn the valve retainer clockwise until tight, but do not screw retainer down farther than 1/4 turn past the point where top of retainer is flush with faucet body.
11. Install tee nut on valve stem by turning clockwise until top of valve stem is approximately flush with top of nut. Nut must be perpendicular to valve lever channel in top of faucet body; that is, round ends of nut must touch sides of valve lever when lever is installed.
12. Make preliminary valve adjustment by engaging tee nut in slot under valve lever (curved end of lever will be touching 5/16" tube in order to engage nut.) Slide lever back away from tube as far as it will go. Check lever end vertical free play; it should be 1/4" to 5/16". If lever is too tight or too loose, remove lever and adjust tee nut in 1/2-turn increments until correct free play is obtained. (Re-insert pins into levers.)
13. Repeat steps 1-9 for other lever.
14. Inspect spout o-rings for damage and replace with new o-rings if necessary. TIP: install o-ring in bottom spout groove first, then install other o-ring in center groove by rolling it over the first o-ring. Note that top groove in spout is for setscrew, not o-ring.
15. Slide spout onto 5/16" tube, ensuring that tube is not pushed down into faucet body. Engage spout into faucet body by pushing straight down with a left-to-right twisting motion until fully seated. Note: it is important that spout is straight (vertical) when pushed into faucet body, or damage to spout o-rings may result.
16. Tighten setscrew until snug and check lever free play. Some amount of free play is required to ensure valve is fully seated. Too much free play may result in abnormally slow water flow rate. Additional adjustment of tee nut may be needed to achieve proper valve lever free play.
17. Turn water supply back on. You're done! If you have any questions please contact Water, inc. at 800-322-9283, ext. 115 or 131 for assistance.

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