

General Tub Drain Installation Guide

Please Note: We are providing general guidelines for a standard installation as we cannot account for the individuality of the site or items you may be working with. Lift and Turn and Pop-Up drains will only vary in the final stages of installation when it comes time to install the drain trim pieces.

Tools Layout:

1. The most important tool to use when installing a drain is a licensed plumber. Most manufacturers will not accept warranty claims on items not installed by a licensed plumber.
2. 1 1/2" Tubing cutter



3. Strap wrench



4. PO plug wrench



5. Smooth jawed pipe wrench



6. Hacksaw
7. Plumber's putty ([Hercules](#)). Plumber's putty should not be used for installation on supercoated brass. The manufacturer recommends using a bead of silicone on the PO plug flange.

8. Thread Sealant (Teflon tape or liquid form - [Hercules Megaloc](#)). Liquid thread sealant should not be used for installation on supercoated brass. The manufacturer recommends using teflon tape on the threaded connections.

Instructions:

1. You will begin assembly with the shoe of the drain and the connecting pipe. These are the parts that connect to the drain (waste) hole.



2. Apply a liberal amount of thread sealant to the threaded area on the connecting pipe.



3. Screw the shoe onto the connecting pipe.



4. Apply the strap wrench to the pipe and attach the smooth jawed pipe wrench to the shoe to assist with hand tightening a 1/4 turn. (Please note: over tightening will strip the threaded area.)



5. Place the shoe onto the bottom of the drain hole. Place the "T" above the trap adaptor to get an accurate measurement. Place the connecting pipe against the "T" and mark the pipe where the arrow indicates below. Use a 1/2" pipe cutter to cut down the pipe.



6. You will then unscrew the PO plug from the shoe. Take plumber's putty and roll it 3/8" thick and apply it to the PO plug. (Please note: plumber's putty is not to be used on supercoated brass. The manufacturer recommends a bead of silicone.)



7. Take the PO plug washer with the ribbed side facing up and place it on top of the shoe.



8. Hold the shoe to the bottom of the drain hole and the PO plug to the top of the drain hole and begin to screw using the PO plug wrench.



9. Place the PO plug wrench into the PO plug and use the smooth jawed pipe wrench to hand tighten a 1/4 turn.



10. At the end of the connecting pipe, slide the lock nut onto the pipe first and then slide the 1 3/8" trap washer. (Please note: the grooved end should always be to the "T" connection, as shown). Prior to cutting tubes to size; overflow, waste tube and tailpiece should be seated to ridge inside "T" to size it correctly and make a proper leak free connection.



11. The "T" is then screwed to the connecting pipe with the longer side of the "T" in the upward direction in order to give you enough room to adjust the overflow tube/receiver.



12. To obtain a cutting measurement for the tail piece you will need to determine the length from your trap adaptor to the "T" (Example images of trap adaptors you may have in your home are pictured below).



13. Use a 1 1/2" tubing cutter to cut the pipe.



14. Take the tail piece and from the bottom, slide the lock nut and then the washer for your trap adaptor and screw into the rough in.



15. Slide the escutcheon onto the tailpiece which will cover the rough in to the floor.

16. Slide the lock nut and then the washer at the top of the tailpiece and connect it to the "T".



17. Apply a liberal amount of thread sealant on the threaded area of the overflow tube. (Use teflon tape instead of thread sealant if the finish is supercoated brass.)



18. Screw the overflow receiver to the overflow tube.



19. Apply the strap wrench to the overflow tube and attach the smooth jawed pipe wrench to the overflow receiver to assist with hand tightening a 1/4 turn. (Please note: over tightening will strip the threaded area.)



20. To obtain the cutting measurement you will start measuring from the center of the overflow receiver to the farthest point the tube will fit inside the "T" and place a mark on the tube.



21. You will then use a 1 1/2" tubing cutter to cut the pipe.



22. Slide the lock nut onto the overflow pipe first and then the trap washer and connect to the "T".



23. Place the beveled overflow washer onto the overflow receiver. (Please note: the wider end of the washer is always towards the floor.)



24. Place the overflow cover onto the front hole and place the overflow receiver on the back of the overflow hole.



25. Begin turning the screw into the overflow receiver. If the screw is too long, you will need to measure any excess amount by making sure the screw is all the way in and the overflow plate is pushed onto the tub.



26. After taking your measurement you will need to use a hacksaw to cut off the excess amount.



27. Reattempt turning the screw into the overflow receiver and hand tighten a 1/4 turn.

28. The last steps for installation is to strap wrench all of the lock nuts. You can also use a smooth jawed wrench to tighten but it can leave marks.

