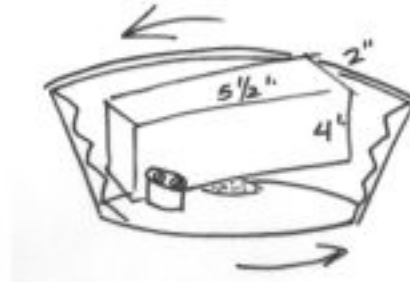
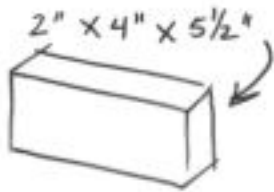


## Materials Required

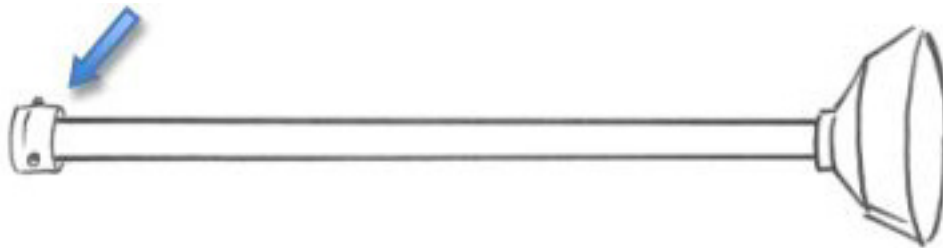
- Piece of 2" x 4" wood cut between 5" to 6" in length
- Phillips head screwdriver
- Pliers
- Flat head screwdriver
- Hacksaw
- PVC Teflon Paste

## Instructions

1. Turn your water supply line off.
2. Remove the paddle from the bowl.
3. Place a 'handle' between the bowl hinges. (Typically a 6" length of a piece of 2 x 4 wood)



4. Turn the bowl counter clockwise to release it from the supply line; pull it up carefully through the guide in the base of the 8" support pipe.
5. Once you have the post disconnected from your water line and removed from the ground, you may wish to relocate to a 'workshop' area.
6. Remove the top 3 screws (closest to the bowl) on the black collar that holds the valve housing to the 2" pipe. As shown below:

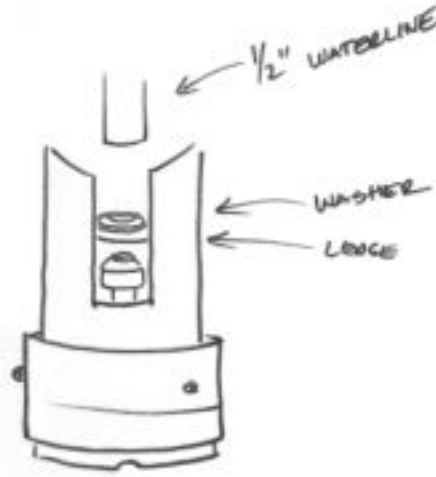


7. Remove the bowl screen located at the bottom of the bowl.
8. Unscrew the bowl from the 2" diameter pipe it's connected to by removing the four screws underneath it. Tap it off if necessary.
9. Tap the collar on the top until the housing falls out from the 2" pipe. The water line and the stainless steel rod will also slide out of the 2" pipe with the housing.
10. Remove the 1/2" waterline and the stainless steel rod from the valve housing. Take the stainless steel rod out of the 1/2" waterline and set aside.
11. Cut the 2" pipe down by 1/4". Be sure to cut the BOTTOM of the pipe, where the 3 holes for the valve housing are.
12. Cut the 1/2" pipe down by 1/2". Cut the top of this pipe, the side that is beveled and compressed. You do not need to bevel or compress for the Ultimate bowls!

# REPLACING THE LEGACY BOWL

13. Insert the 1/2" waterline back into the valve housing.

- Check to make sure the plastic washer is in the valve housing as illustrated below. Insert the 1/2" waterline over top of this washer.



14. Slide the waterline connected to the valve housing into the 2" pipe.

15. Stand the post straight up with the valve housing setting on the ground and pushn down on the 2" pipe as hard as you can to ensure the 2" pipe is completely and securely connected to and sitting inside of the black collar connected to the valve housing.

16. Attach the Ultimate Bowl with the 4 screws, it will just slide on! Replace the bowl screen.

17. Feed the stainless steel rod into the hole of the bowl filter. Don't drop It In!! Dropping it in could damage the valve housing.

18. Spin the rod without any downward pressure to make sure your rod is resting on the intake valve and doesn't want to "fall" any further.

19. The intake valve is a rubber material, rounded on the top as illustrated. In the center of the intake valve is a hole the exact diameter of the actuator rod. When the rod is seated you will feel it push back a little bit.



20. Attach the paddle.

- If the paddle is held tightly in place by the height of the rod, loosen the single screw in the middle of the paddle until you have a small amount of play, or wiggle room, in the paddle's action. If you find that the rod is held tightly in place during your hottest months of the year you may choose to loosen the single middle screw until you have a small amount of play, or wiggle room, in the paddle's action.
- You will find that the rod may appear to get slightly longer in the winter months and shorter in the summer months. This is due to the expansion and contraction of the materials in the waterer. You can tighten or loosen the single screw on the paddle to adjust!

21. Apply some PVC Teflon paste to the base threads in the valve housing.

22. Insert the Post into the 8" pipe and carefully through the guide wheel; turn the Post clockwise until gently securing it on the supply line. Be careful not to cross thread your connection. Hand tighten using the 2 x 4 method mentioned above.

23. Turn on your supply line water.