



Installation Instructions

READ THESE INSTRUCTIONS **THOROUGHLY** BEFORE BEGINNING YOUR INSTALLATION
OR WATCH OUR INSTALLATION VIDEO ON OUR WEBSITE
WWW.EZAUTOFILL.COM

WARNING: Always keep small children and pets away from this or any pool maintenance equipment.

Each pool is going to have a different location and placement of existing water fill line. Read through these steps for some suggestions depending on your particular situation.

Step 1.

Before beginning, make sure the water level is about 2" below the fill line.

Step 2.

Compare the end of the EZAutoFill™ to the existing fill line.

- a. If the EZAutoFill end fits **snuggly** inside the existing fill line, proceed to **Step 3**.
- b. If the end of the EZAutoFill is **too large and will not fit snuggly** inside the existing fill line, proceed to **Step 4**.
- c. If the end of the EZAutoFill is **too small and will not fit snuggly** inside the existing fill line, proceed to **Step 5** (this may be the case if the existing fill line is $\frac{3}{4}$ ").

Step 3.

If the EZAutoFill end fits snuggly inside the existing fill line follow these installation instructions.

- a. Make sure all debris is out of the existing fill line by turning the water on and off.
- b. Double check the fit of the EZAutoFill to the existing fill line and check the placement of the EZAutoFill to the water level. **Note: If possible it is best to install the EZAutoFill in the water to keep down any noise as the valve is activated and the water flows through the valve.**
- c. If the EZAutoFill is too high or low, adjust the position by removing the EZAutoFill valve and inserting a $\frac{1}{2}$ " threaded male by threaded female 90° PVC elbow. Turn the valve facing downward or upward (depending on whether it is too low or high). Thread the EZAutoFill back in. Doing this will raise or lower the EZAutoFill about 2", depending on the placement of the existing fill line to the water level.

Step 3. (continued)

- d. If the position of the EZAutoFill™ is correct, apply primer and glue to both the EZAutoFill pipe and to the inside of the existing fill line. **The smaller cans of primer and glue will give you smaller tip for inserting into the fill line.** Insert the EZAutoFill pipe into the existing fill line, making sure the valve is level to the water line. Let the glue dry for 10 minutes. Turn the water on to the existing fill line about ¼ turn to just get the water flowing through the anti-siphon valve at low pressure. You can use a hose to fill the pool or spa to your desired level and then adjust the EZAutoFill by turning the small wing nut on the EZAutoFill float arm.

Step 4.

If the end of the EZAutoFill is too large and will not fit “snuggly” inside the existing fill line, follow these installation instructions.

- a. Double check the fit of the EZAutoFill to the existing fill line and check the position of the EZAutoFill to the water level. **Note: It is best to have the EZAutoFill in the water to keep down any noise as the valve is activated and the water flows through the valve.**
- b. If the EZAutoFill is too large and will not fit snugly into the existing fill line, use a drill and an Arbor Speed Bor (5/8"), available at Lowe's or Home Depot, and drill straight into the existing fill line about 1 ½" to 2" back so the 90° elbow of the EZAutoFill will fit flush against the tile. After drilling, check the fit by inserting the EZAutoFill into the existing fill line. Flush the existing fill line to remove any debris left behind from drilling by turning the water on and off.
- c. If the EZAutoFill is too high or low, adjust the position by adding to the threaded 90° elbow and inserting a ½" threaded male by threaded female 90° PVC elbow. Take the valve out of the EZAutoFill and holding it facing downward or upward (depending on whether it is too low or high) and thread the new 90° elbow in. Then thread the EZAutoFill back into the elbow. Doing this will raise or lower the EZAutoFill about 2", depending on the placement of the existing fill line to the water level.
- d. If the position of the EZAutoFill is correct, apply primer and glue to both the EZAutoFill pipe and to the inside of the existing fill line. Insert the EZAutoFill pipe into the existing fill line, making sure the valve is level to the water line. **The smaller cans of primer and glue will give you smaller tip for inserting into the fill line.** Let the glue dry for 10 minutes. Turn the water on to the existing fill line about ¼ turn to just get the water flowing through the anti-siphon valve at low pressure. You can use a hose to fill the pool or spa to your desired level and then adjust the EZAutoFill by turning the small wing nut on the EZAutoFill float arm.

Step 5. (if existing fill line is ¾")

If the end of the EZAutoFill™ is too small and will not fit snugly inside the existing fill line, follow these installation instructions.

- a. Double check the fit of the EZAutoFill to the existing fill line and check the position of the EZAutoFill to the water level. **Note: It is best to have the EZAutoFill in the water to keep down any noise as the valve is activated and the water flows through the valve.**
- b. If the EZAutoFill™ is **too small and will not fit snugly** into the existing fill line, it may be a ¾" pipe. You may do one of the following. **Either contact us by phone or email and we can ship a ¾" fitting to you free of charge OR see the instruction in c. (below) as an alternative method.**
- c. If the EZAutoFill™ is **too small and will not fit snugly** into the existing fill line, it may be a ¾" pipe. Use a drill and an Arbor Speed Bor (13/16"), available at Lowe's or Home Depot, and drill straight into the existing fill line to ream it out about 1 ½" to 2" back. Flush the existing fill line to remove any debris left behind from drilling by turning the water on and off. Take a piece of ½" PVC, 4" long, and primer and glue (use small cans of primer and glue so the tips fit inside the drilled pipe). *It is recommended that you dip the 4" long ½" pipe end into the glue can about 2" and then push it into the fill line to ensure there is enough glue to secure the pipe.* Let glue dry for at least 10 minutes. The pipe will extend out longer than necessary. Trim the ½" pipe so it is ¾" from the tile. Get a Slip X Female threaded 90° PVC to glue on and thread our EZAutoFill fitting back on and adjust.
- d. If the EZAutoFill is **too high or low**, see Step 4, c. to adjust the position.
- e. Once you receive the fitting, unscrew the gray valve from the 90° PVC elbow and screw in the ¾" fitting. Then follow all of the instructions that are outlined in Steps 1 through 4.

Feel free to call us for installation assistance.

toll free **888.904.9651**



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U.S. Patent Pending



Planning on attaching the protective cover to your EZAutoFill?

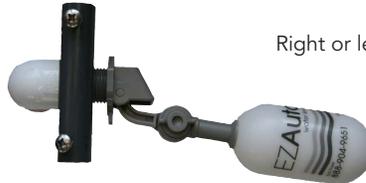
Read these instructions **BEFORE** beginning to install the cover and watch our installation video on our website.

1. **Attach the U-shaped plastic fitting with the 3" gray plastic tube to your EZAutoFill valve BEFORE you glue the valve into your fill line.** See the separate valve installation instructions. The 3" gray plastic tube faces out away from the tile when the valve is inserted and glued into the fill line.

U-shaped fitting with 3" gray plastic tube



Right or left-side installation



2. When installing and gluing the valve in place make sure the valve is positioned as shown.



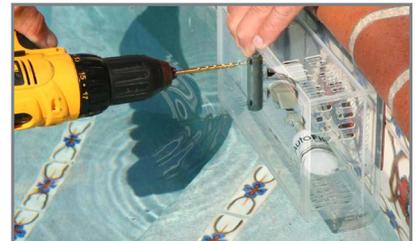
3. Once the valve with the 3" gray plastic tube are glued into the fill line, fill the pool or spa up to the desired level with a garden hose and then turn the hose off. Turn the fill line water valve on just/turn, you don't need much pressure for the valve to do its job. Adjust the float to the desired level. Remove the two stainless steel screws on the 3" gray plastic tube at this time and set them aside.

4. Make sure the tile where the cover will be attached is **CLEAN AND DRY** before applying the cover with the adhesive tape.

5. Peel all pieces of the **red paper** from the **ADHESIVE TAPE** on the cover. Center the plastic cover over the EZAutoFill valve and press the adhesive tape on the cover back against the tile.



6. Using a portable drill, with a bit a little larger than the screw threads in the gray plastic tube, drill two holes **THROUGH** the plastic cover to match up with the holes in the 3" gray plastic tube. Insert the screws into the newly drilled holes and back into the 3" gray plastic tube. Tighten the screws and cover up to the gray plastic tube to hold the cover in place.



7. If you have any questions, please feel free to call our toll free number **PRIOR** to installation and we will gladly answer your concerns and try to walk you through the process. If adjustments in the float need to be made after installation of the cover, simply unscrew the two screws on the outside of the cover, remove the cover, adjust the float valve and replace the cover and screws.

KEEP CHILDREN AND PETS AWAYS FROM THIS AND ANY SWIMMING POOL EQUIPMENT.

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Copper Fill Line Installation

VALVE INSTALLATION:

1. Lower the water down by 2" or more below the fill line.
2. Clear any cement to expose the copper fill line.
3. Tap out the inside of the fill line with a 1/4" 18 NPT Tap (for pipe), about 1/2" or so back into copper.
4. Determine how far back the copper fill line starts. If 1/4"-1/2" use a 1" long nipple with 90° elbow to turn with open end of wrench.
5. Test dry first to make sure threads line up and can thread in about 1/2". If that goes well put a generous amount of sticky pipe dope on the end to thread in. Best to get 90° elbow as close to the tile as possible so the EZAutoFill™ valve can be threaded into the 1/2"-1/4" bell without touching the tile. This way the float can be adjusted properly.
6. At this time determine what size nipple will do the proper job to get the elbow in the right position. Best to have the EZAutoFill™ float valve in the water to prevent hissing noise when refilling*.
7. After the valve is installed use a garden hose to fill the pool to the desired level. It doesn't need a lot of pressure since the valve is on 24-7.

COVER INSTALLATION:

To install the cover we have enclosed a gray U-shaped fitting with two eyelets and long stainless steel screws. There is also a solid copper wire that you can use to hook the U-shaped fitting to the brass 90° or the nipple to hold it in place. Then hold the plastic cover in place against the tile (red tape on top side). Hold in place to make sure EZAutoFill™ float can operate up and down without touching the cover. Hold in place with one hand and mark screw holes with a felt pen. Take out and drill two small holes. Remove the red tape, press the cover against the tile and line up the holes in the cover with the drilled holes. Put in the screws.

* If the fill line is located "high", turn the 90° elbow down with a short 1/4" nipple to another 90° elbow, then put your 1/2"-1/4" brass bell in and then the EZAutoFill™ valve.

For more information contact:

888.904.9651 toll free

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