

How I Installed an AQUA VIEW SINKMIŞER SKB001 in my 2016 Berkshire 38A Rear bath shower.



At the Frog rally this past August while visiting the vender booths I won one of the Aqua View Showermisers.

(www.aquaviewinc.com/rv) I had been looking at this product on line before the rally and was very interested. I talked with the inventor and company owner and decided on an upgrade to the Sinkmiser version with the intent of installing it in the shower. We liked the look of just the blue dot “Magic Mushroom” and the selector valve in the shower.





1. Access to the back of the shower is behind the Bedroom mirror. So let's go behind the looking glass.

2. The toughest part of this job with a rear bath coach was running the ½" return line from the back side of the shower at the mixing valve to the fresh water tank. I spent a couple hours with a bore scope and an electricians fish tape to determine the best route.

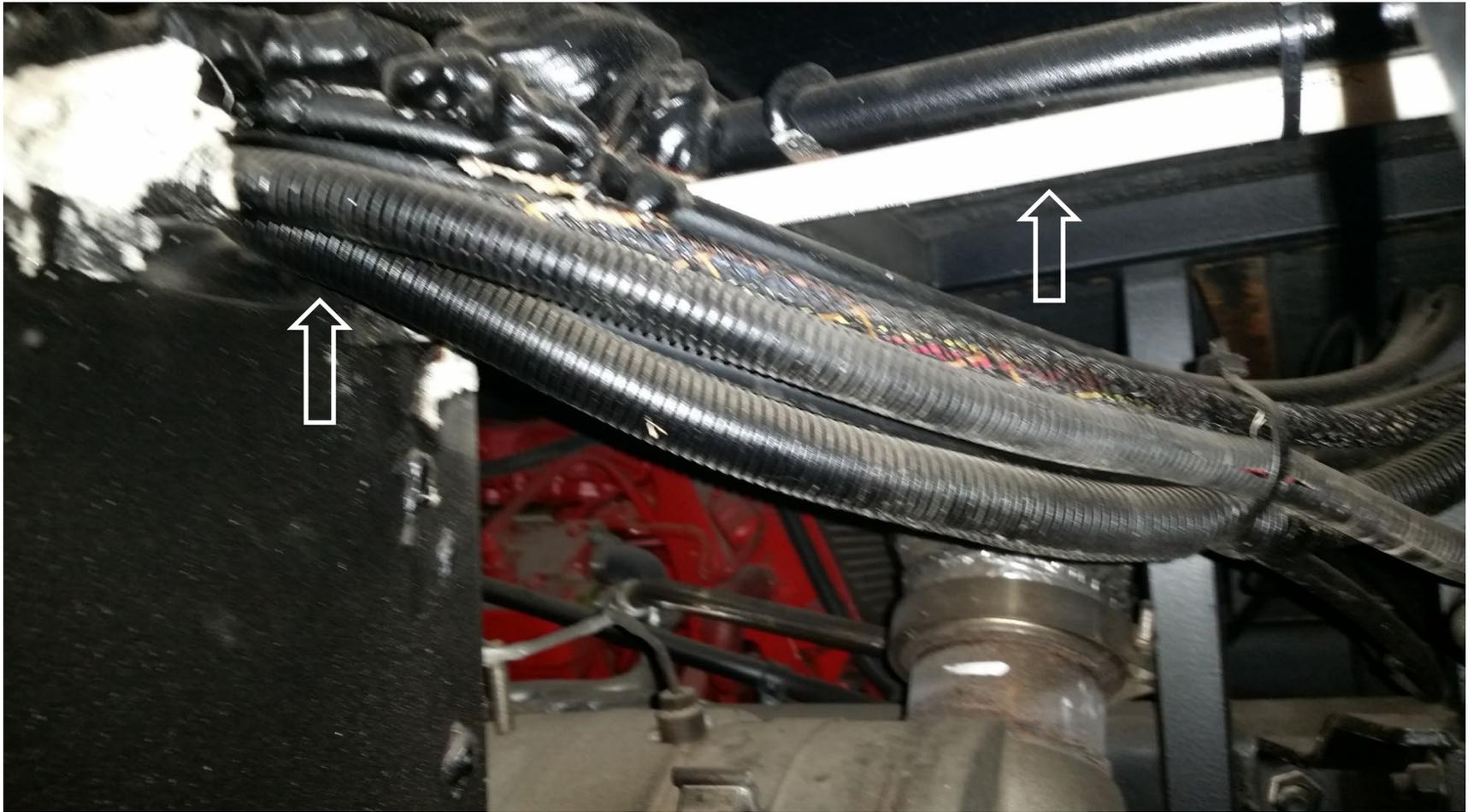


3. In the Brekshire 38A this turned out to be a path that starts in the holding tank bay, above the black water tank sharing a chase or run through the back wall with the LP gas line going back towards the water heater.

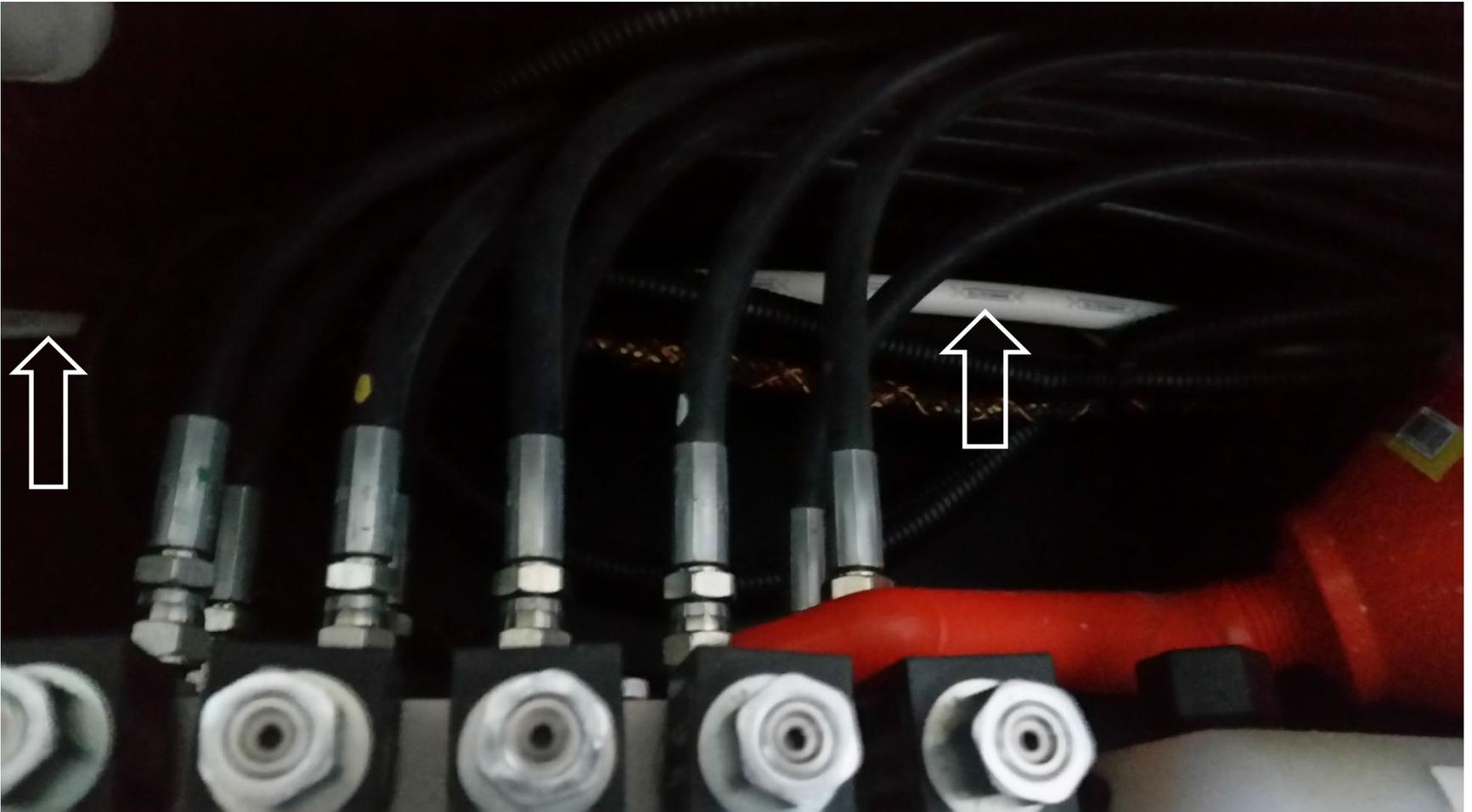




4. Following the LP gas line back behind the wheels.



5. Back into the DEF bay and behind the DEF Tank to the next Bay.



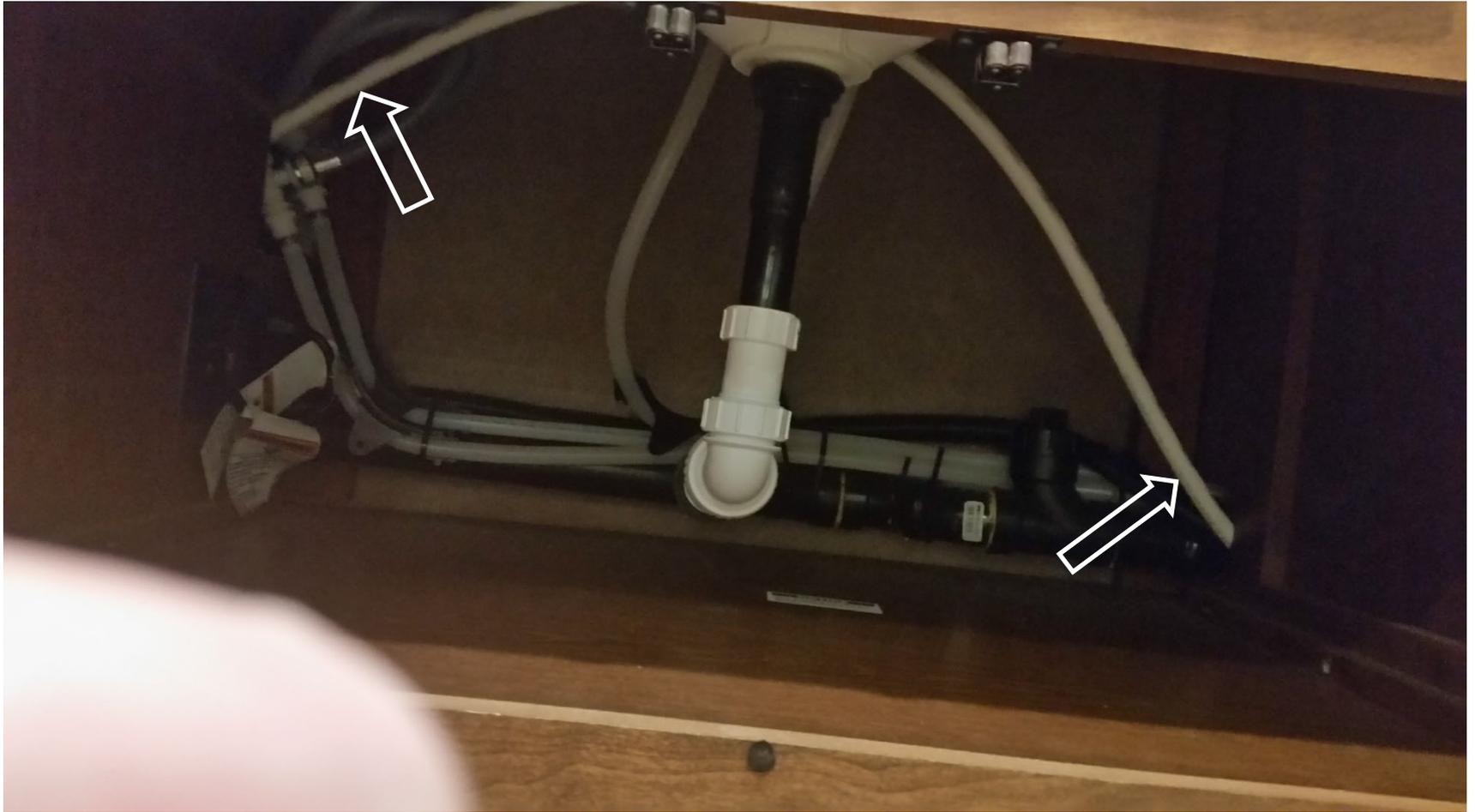
6. Over the hydraulic pump still following the LP gas line back to the last bay under the water heater.



7. In the last bay under the water there is an opening where the LP gas line goes up to the back of the water heater, Again followed the gas line.

8. This gets you behind the Water heater and under the washer/dryer closet. From here I drilled a hole up through the closet floor behind the washer.





9. From here on it took 2 fish tapes, a 36" long dowel rod with a cup hook screwed in the end, some nylon string and electrical tape to fish and maneuver the tubing through the new hole behind the washer out through the closet wall and under the sink.



10. Then into the void under the linen closet, around the engine air intake.



11. Around the engine air intake.



12. Under the shower pan and to the front of the shower.



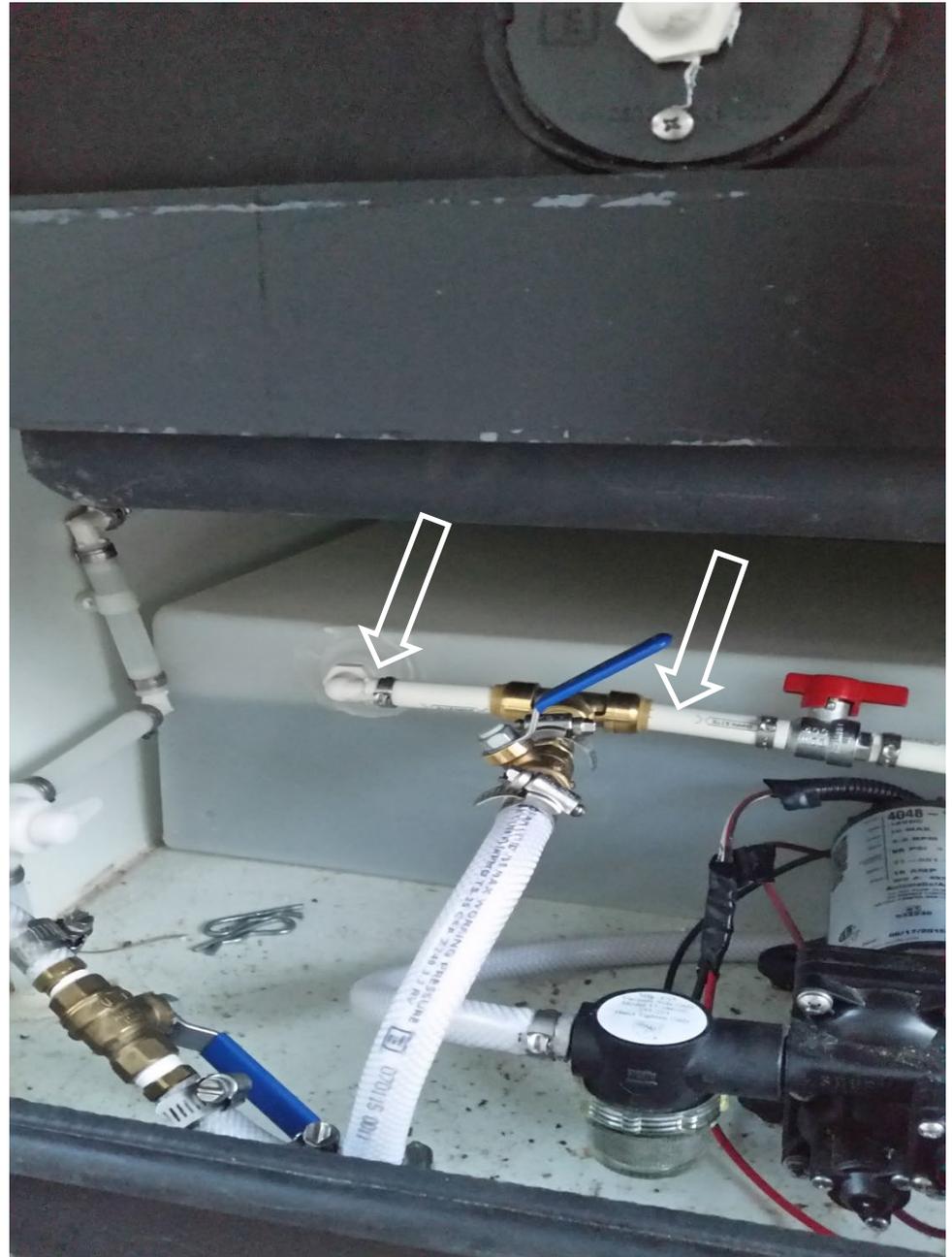
13. Under the shower pan to the opening between the wall and the shower. Then up the wall to the mixing valve behind the mirror in the bedroom.





14. The return line hook up at the water tank end was a simple matter of routing the return line over the top of the black and grey water tanks to the front bulkhead then down in a big sweeping turn and back to the unused plug at the top rear corner of the water tank.

14a. Return line at the tank. This was an unused tank fitting that I have used for another application. And tied the two together.



15. Well when all done I have to say this is amazing. The selector valve has 3 positions. As I installed it they are at approximately the 2 O'clock, 6 O'clock and 10 O'clock positions. I installed the Blue dot approximate to the 2 O'clock position, so when selector points at the blue dot the water flow is thru the blue dot and back to the water tank. The selector is directly over the shower mixing valve that puts it at the 6 O'clock position, so when the selector points at the shower valve water flow is to the shower head. I can set the selector to 2 O'clock position turn the water on and the water re-circulates through the blue dot and back to the tank. When hot and ready the center of **blue** dot turns **white** (it is thermo sensitive PVC), when ready to shower turn the selector to the 6 O'clock position and you have a hot shower, if dry camping just wet down and return the selector to 2 O'clock position, this will keep the water heater and pump running but re-circulating the water back to the fresh water tank, warm and ready for the rinse. Selecting the 10 O'clock position will shut off water and water heater completely, the same as using the cut off valve at the shower head.



13. Now a great hot shower is just a twist of the selector valve, with NO blast of cold water between wet down and rinse. I am guessing from my wife's water saving efforts (prior to installing the SINKMIŞER) using a wash pan to catch and save the water that was wasted warming up the shower, we should save between 2 to 4 gallons of fresh water per shower with the same savings in what would have gone into the grey water tank.



13a. If we save between 2 to 4 gallons of fresh water per shower, with 2 People taking one shower each over 5 Days that could easily be a savings of 1/3 of the water tank capacity. That is a big impact when dry camping. With the same impact to the grey water tank fill.

