

# [Guide] Nozzle/Aerator Replacement

## Overview

This document is intended for Bevi technicians and other qualified personnel to provide step by step instructions on how to change the nozzle/aerator on the Bevi machine. Instructions for both Stand Up (SU) and Countertop (CT) Model Bevi units are included.

## Frequently Asked Questions

Q: Why would I need to replace an aerator?

A: Contaminates from your water source can clog the aerator and cause the water stream to pull toward one side or cut water flow altogether.

## Questions Answered in this Document

Q: [How do I turn off the Bevi machine?](#)

Q: [How do I remove and replace the aerator for a v1 standup Bevi?](#)

Q: [How do I remove and replace the aerator for a v1.5 standup Bevi?](#)

Q: [How do I remove and replace the aerator for a v0 countertop Bevi?](#)

Q: [How do I remove and replace the aerator for a v1 countertop Bevi?](#)

## Required Tools & Materials

- Aerator assembly (727-9902)



- 6" Crescent wrench
- Phillips #1 screwdriver
- Plumbers tape

- Wire cutter

## Task 1: Turn off the Bevi Machine

1. For SU units, the switch is located on the back of the Bevi just above the power cord.
2. For v0 CT units, you will need to locate the power brick and disconnect power from that location.



3. For v1 CT units, you will need to locate the power switch on the back of the head unit.

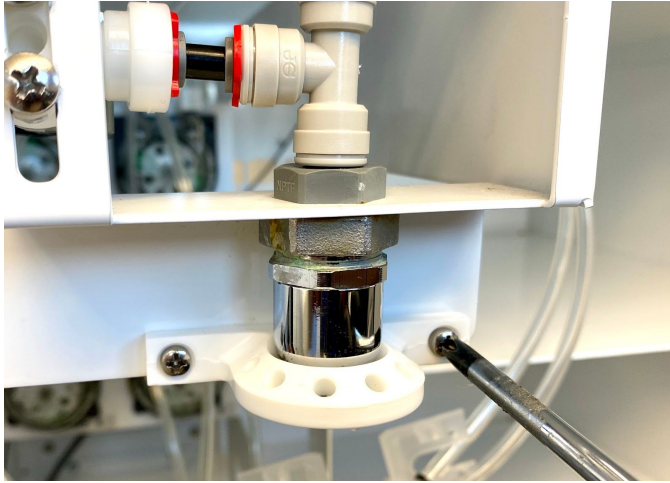
## Task 2: Remove and Replace the Aerator

### v1 Stand Up Model

1. Remove flavor barbs from the flavor ring, being careful not to apply too much pressure as you can damage the barb.



2. Remove the flavor ring by unscrewing the two screws that hold it in place.



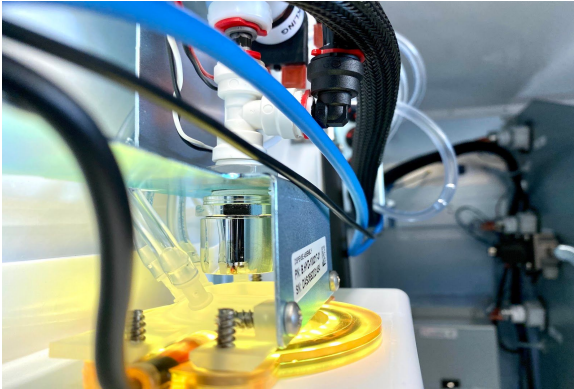
3. Loosen the aerator by using a crescent wrench until you're able to use your fingers to remove it.
4. Apply plumbers tape on the new aerator threads.
5. Install new aerator first until it is finger tight. Then use the crescent wrench to finish tightening.

**NOTE: If the upper nut starts to slip during the aerator installation use another crescent wrench to hold it while you tighten the aerator.**

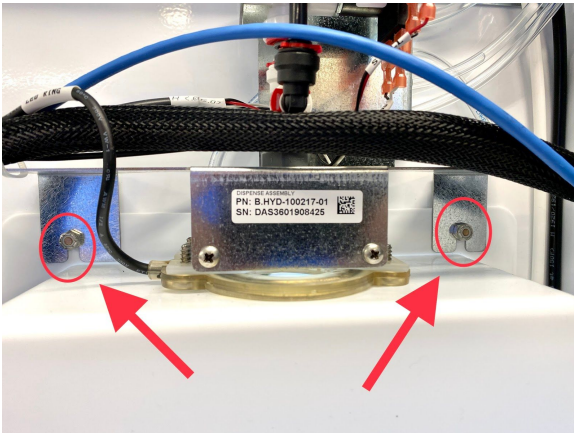
6. Test by holding a container underneath and dispense sparkling water to check for leaks. If it is leaking during dispense you may need more plumbers tape or to tighten the aerator further.
7. Reinstall the flavor ring putting screws back in place and reinstall flavor lines by gently pressing barbs back in their holes.

### **v1.5 Stand Up Model**

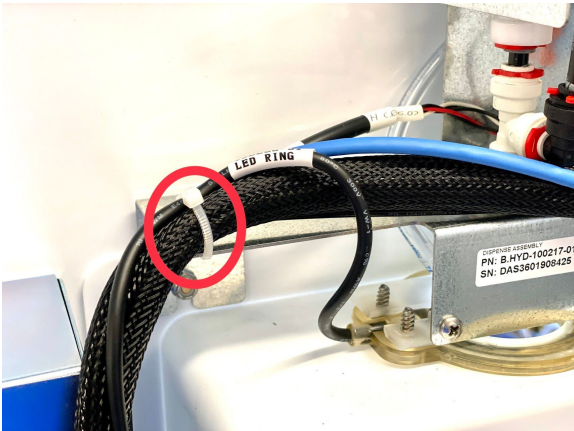
**NOTE: For v1.5 models you will replace the entire dispense assembly (Part #100217-01) and return the old assembly under RMA.**



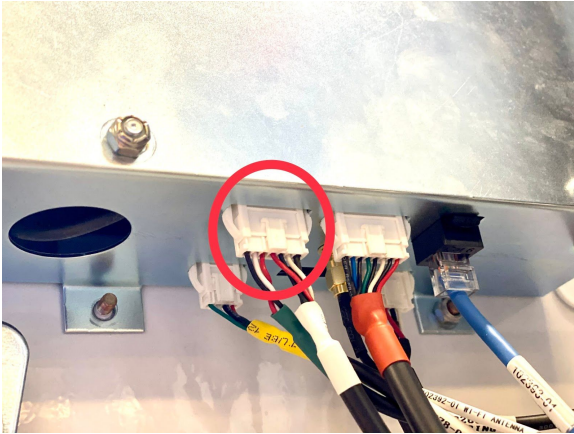
1. Loosen the two nuts located left and right side on the inside of the metal bracket.



2. Cut the zip ties that are holding the wire harness to the bracket.



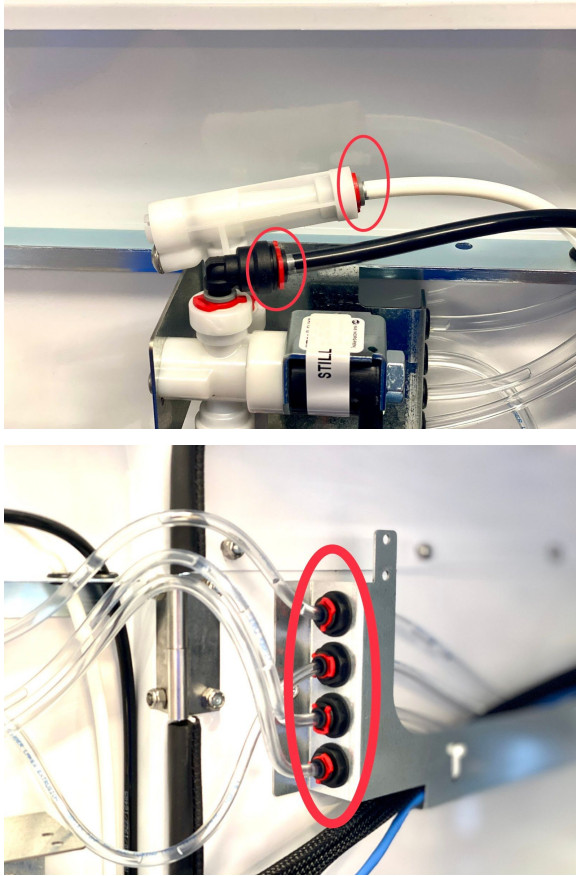
3. Follow the cable bundle and disconnect the LED/Solenoid wire harness.



4. Lift the bracket slightly and move the bracket to the left to clear the metal slit securing the bracket in place.



5. Disconnect all tubing where shown (retain the red clips)



6. Connect the water and flavor tubing to the new assembly performing step 5 in reverse order. Reuse the red clips.
7. Test first by holding the nozzle assembly over a container and dispense still and sparkling water to check for leaks.
8. To re-install the nozzle assembly, perform steps 1-4 in reverse order.

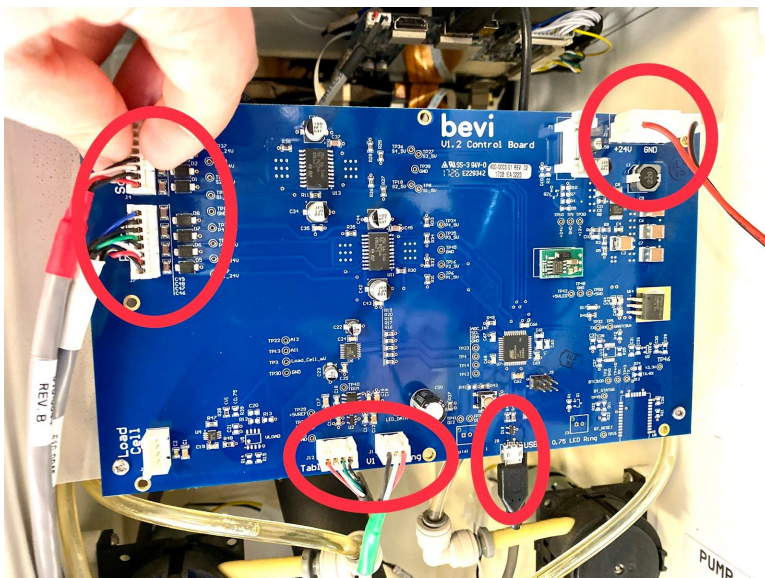
### **v0 Counter Top Model**

1. Unscrew the 4 screws on the back panel of the head unit

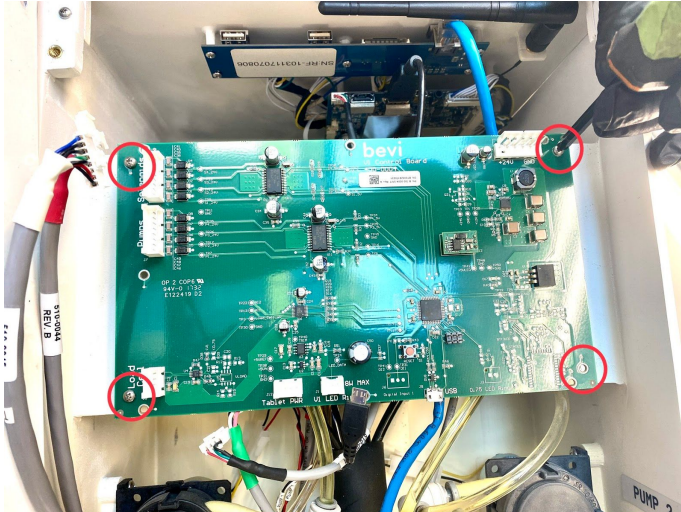




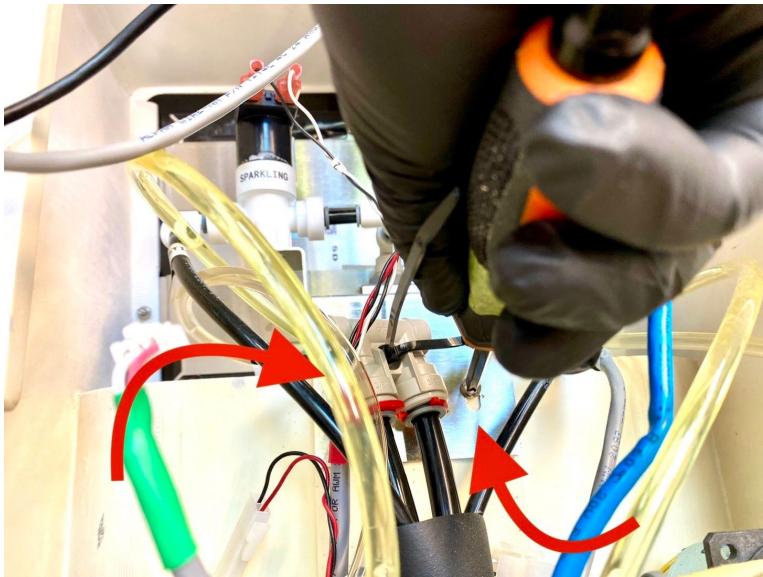
2. Carefully remove the back panel because it is connected to the control board on a short wire.
3. Disconnect and remove all connections on the control board.



4. Remove the control board by unscrewing the 4 screws in each corner.



5. Unscrew 2 screws holding bracket in place.

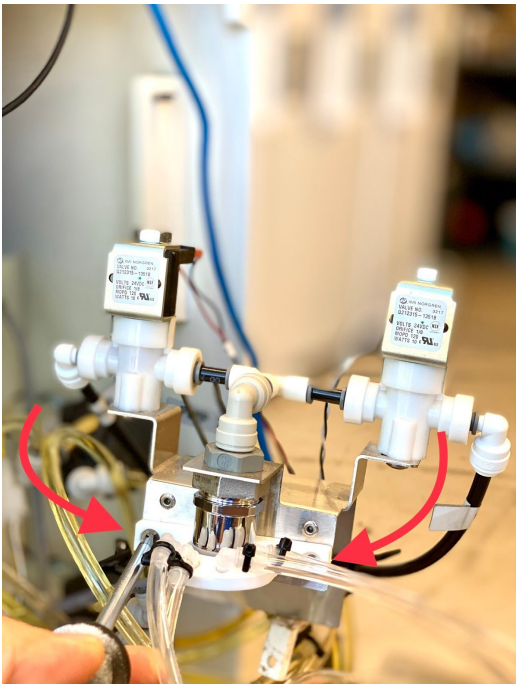


6. Carefully remove the bracket holding the nozzle and solenoids.

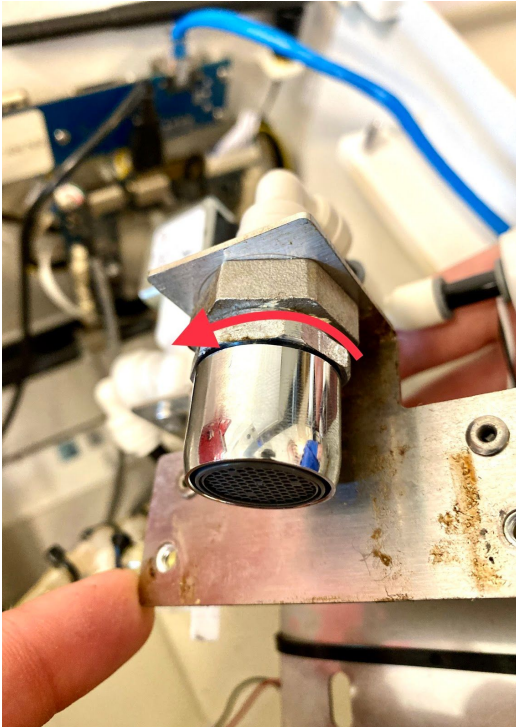




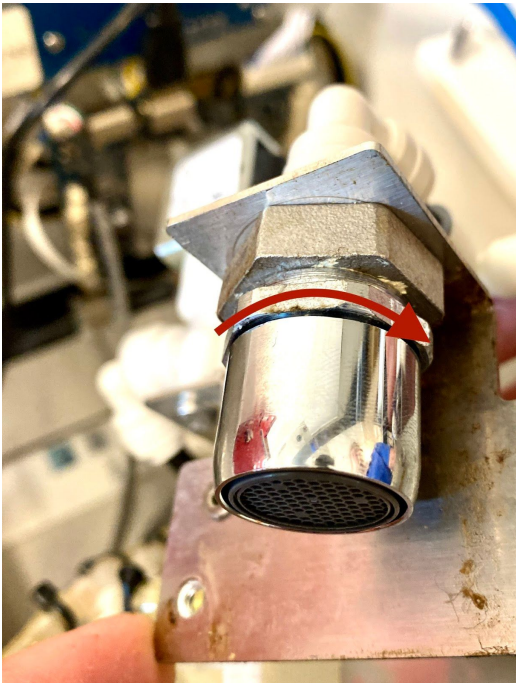
7. Remove the two side screws on the flavor ring and move it out of the way.



8. Use your crescent wrench to loosen the aerator and continue to remove the aerator using your fingers when able.

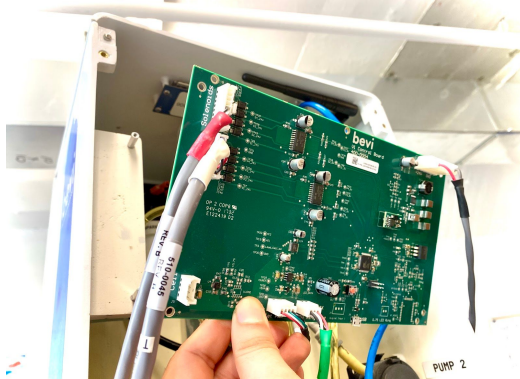


9. Apply plumbers tape on the new aerator threads.
10. Install new aerator until it is finger tight, then use the crescent wrench to finish tightening.



**NOTE: If the upper nut starts to slip during the aerator installation use another crescent wrench to hold it while you tighten the aerator.**

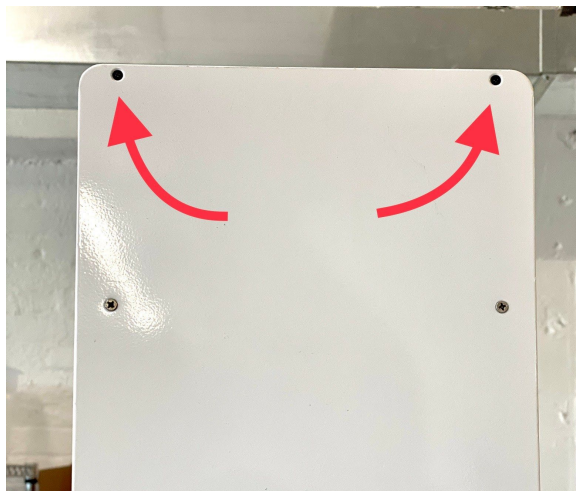
11. Re-install the nozzle assembly, performing steps 5-7 in reverse.
12. Next connect the control board following step 3 in reverse. Do not screw the control board in until testing is complete.



13. Test by holding a container in the dispense area and dispense still and sparkling water to check for leaks. If it is leaking during dispense you may need more plumbers tape or to tighten the aerator further.
14. If testing is successful follow steps 1,2 and 4 in reverse order to finish putting the unit back together.

### v1 Counter Top Model

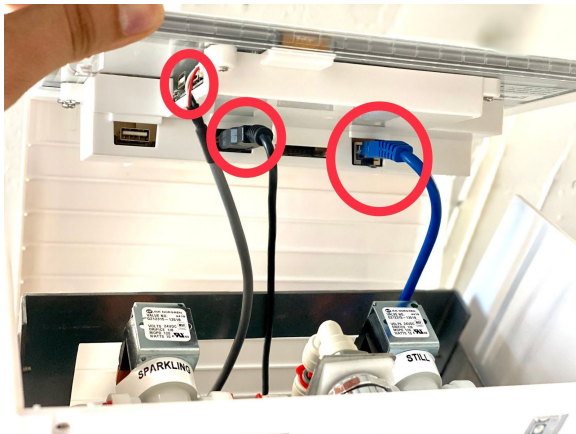
1. Unscrew the top 2 screws on the back panel of the head unit.



2. Unscrew the 2 screws underneath the front of the head unit.

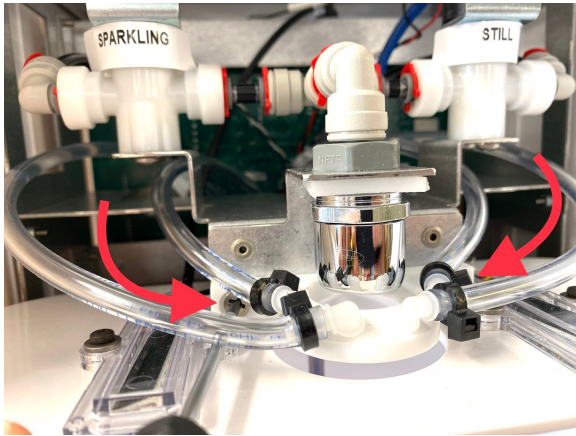


3. Carefully remove the top part of the CT head unit and disconnect the 3 electrical connections (usb, ethernet cable, power)

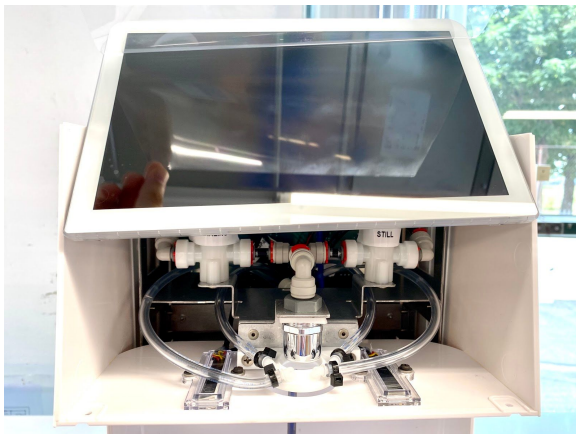


4. Remove the two side screws on the flavor line ring and move it out of the way.





5. Remove and replace aerator using a crescent wrench making sure to place plumber's tape on the threads.
6. Reconnect the touchscreen by following step 3 in reverse. Keep the touchscreen above the nozzle to be able to visually check for leaks.



7. Test by holding a container in the dispense area and dispense still and sparkling water. If it is leaking during dispense you may need more plumbers tape or to tighten the aerator further.
8. When testing is complete follow steps 1,2 and 4 in reverse order to finish putting the unit back together.