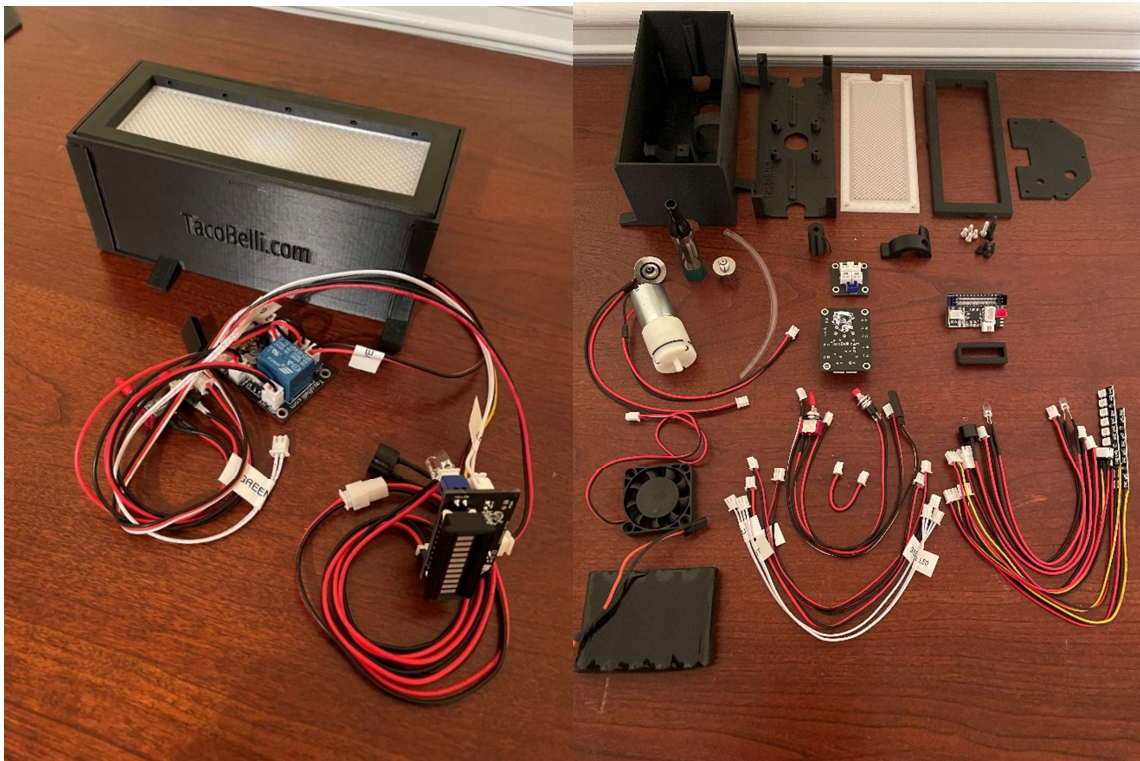


## TACOBELLI.COM IMAGINE\RUBIES\WALMART Pedal Trap installation

1. You will need a battery charger for the 6v, 1700mah NiMh battery. More than 6v will damage the components. If you later decide to upgrade to a higher voltage battery please connect a 5v/6v UBEC between the kit and the battery or using the jumper. See website for inexpensive option.
2. The vape coil is commonly found. Installed in the kit is a Kanger T2 1.8 ohm coil. 2.5 ohm coils are said to be ideal but I have not yet personally noticed a difference. No lower than 1.8 ohms is the important part.
3. The vape Juice is a 50/50 mix of Vegetable Glycerin and fog machine liquid. The more "foggy" the liquid the better.
4. DO NOT run the effect for any longer than 20 seconds
5. DO NOT run the machine when it is out of fluid.
6. I recommend running the battery connectors into the compartment which is documented in the install towards the end.
7. The only ports needed to connect to on the original trap board are the "power" and "g-led".
8. Most ports are labeled on the boards. Green LED goes to Input on the relay, Green LED on the relay goes to INPUT on the bargraph. These are the white wires.
9. Spongeface Appearance Kit will work with this



### Major parts sections:

- TRAP RELAY
- BARGRAPH
- COMPARTMENT/CHAMBER

To install:

Turn the switch to the position that illuminates the trap. Note this position.

Remove the AA batteries and trap doors.

Take off the wheels and unscrew the 4 screws holding the trap together. Save these to reassemble the trap. At this point you will be able to see if you have a V2 or V3 pedal trap. These instructions are using a V2, with the V3 you will need to keep the existing switch in place or relocate the control board. The photo below shows the V3(Board under switch) on the left, the V2 (board at the bottom) on the right.

\*As of this writing I have just recently received a V3 and will make adjustments as I can. The two required ports exist on the V3. The switch and RED LED are the only complications I can see. These seem workable by simply relocating the board to the cavity at the rear or in the V2 location depending on the length of wire and/or skill you have at extending them\*



Remember which ports you unplug from.

Disconnect the battery wire from the Trap control board.

Disconnect the wire (red/blue) to the green compartment LED from the trap circuit board and remove the wire and LED. You can use this later by plugging into the unused port labeled "Light" under the fan but it isn't necessary.

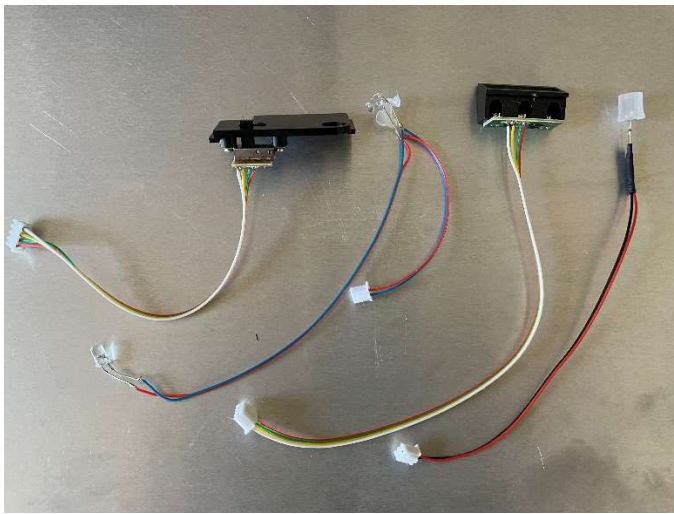


\* the kit includes and requires a new switch that will fully disconnect power when off.

Remove the original switch and LED from the switch plate. The switch can be tucked inside the trap in the "ON" position of your choosing. The original switch plate will not be used moving forward. On the original switch: One position illuminates the trap lights all the time, the other only when activating. It is up to you to choose.

You can also choose to connect the middle two original switch wires together (Yellow & Green) if you have the ability and eliminate the original switch completely. Your kit may or may not include a 4-pin jumper to make this possible (v2 only).

Disconnect and remove the front trap yellow LED assembly. You should now have these parts set aside along with the handle.



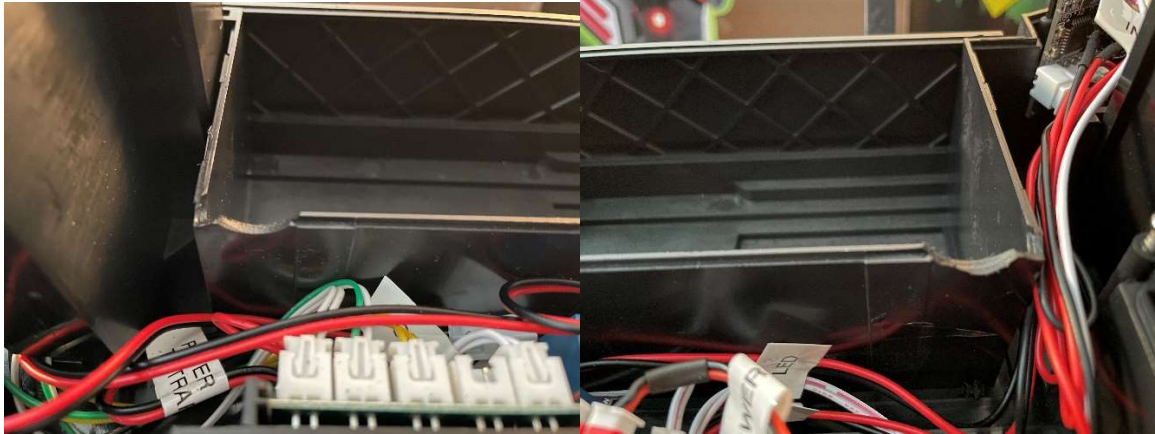
### **Yellow LED install (Bargraph)**

On the right half of the trap shell you will drill a 5mm hole for the yellow LED. Secure the LED with tape, glue or some other adhesive to keep it secure. I placed it halfway between the edge of the opening and the edge of the trap or 9mm from either point.



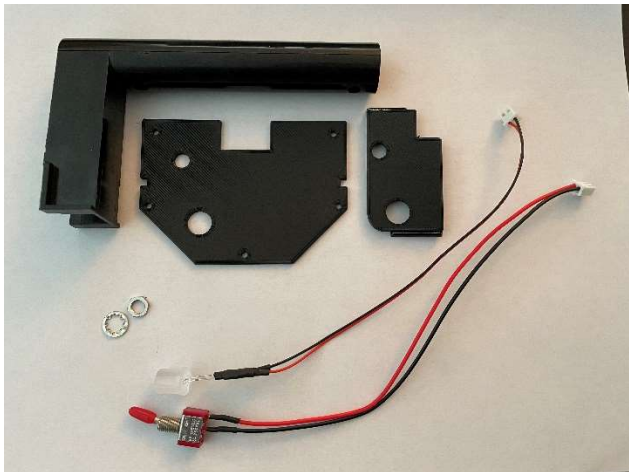
### **Making space for the wires:**

Cut or grind two locations on one half of the left shell trap body near or using the openings for the Green compartment LEDs removed earlier. You do not need to do this on both halves. You are only creating some space to pass the extra wires. See the following photos for location. It is possible to fit everything through the small space where the Green LED were located but you run the risk of pinching the wires.



### **Switch plate Assembly:**

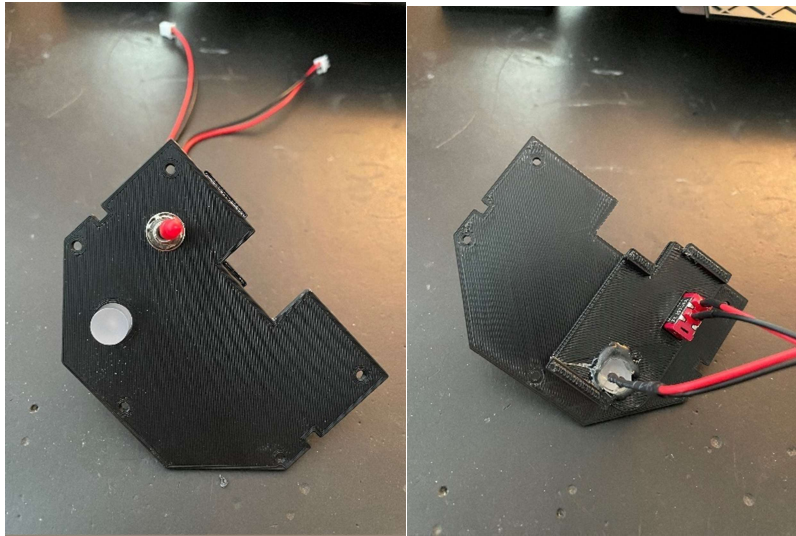
Locate these parts:



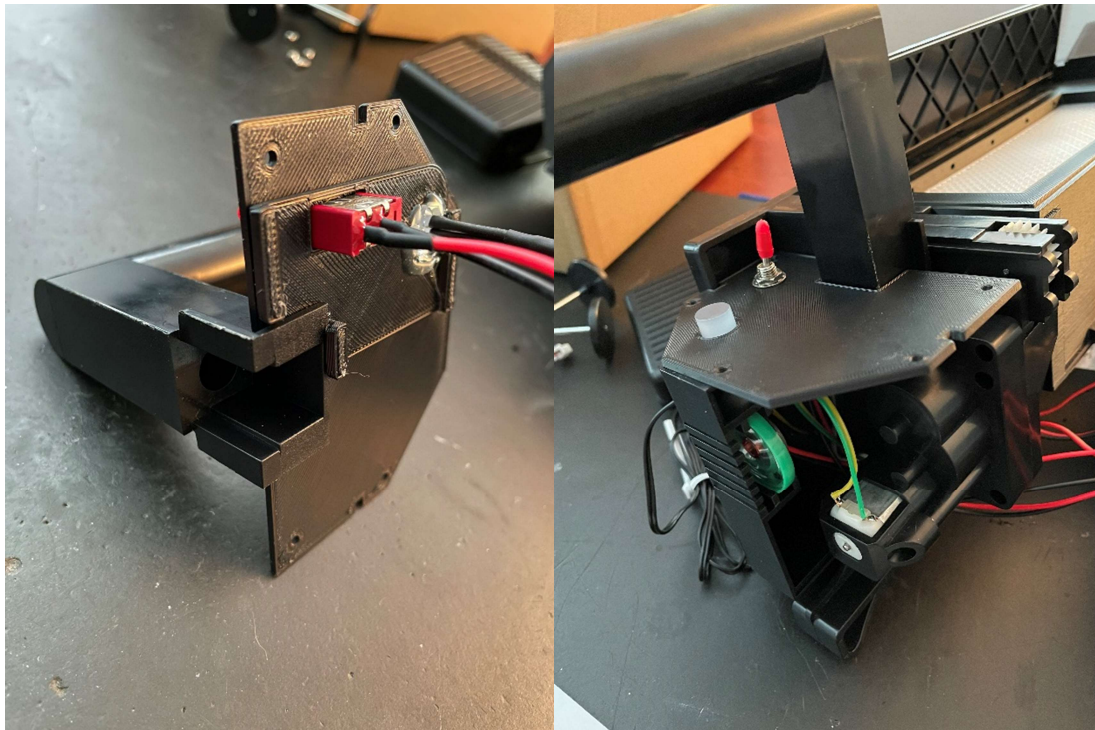
Insert the red LED from the underside of the smaller of the two black parts. Secure with glue or strong tape.



Place the larger part (rear cover plate) over the LED, pass the switch through them both, and secure with the nut and washer.



Insert the handle and reinstall into the left trap half. The connectors from this will connect to the TRAP RELAY port named "SWITCH" for the switch and to the BARGRAPH port named "RED LED":



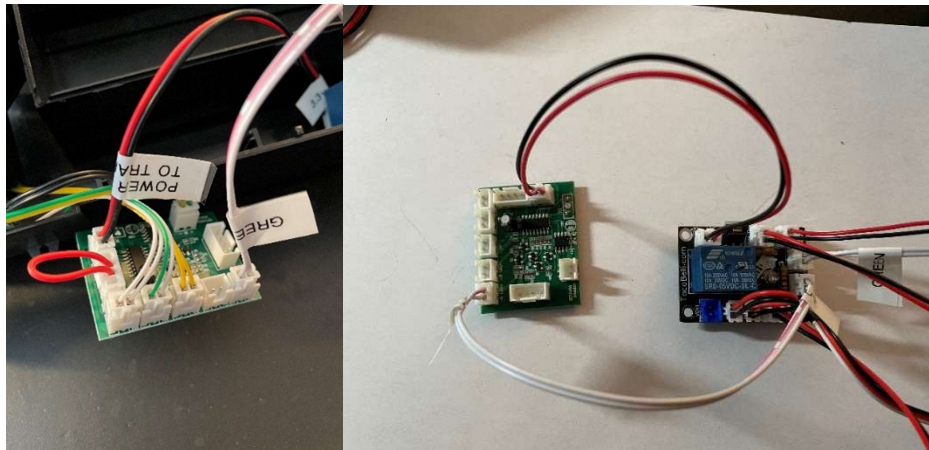


### Vent Kit connection's (LEFT HALF):

At this point you will connect the relay to the original trap board.

From the port labeled "INPUT" on the RELAY you will connect to the port on the original trap board where the green compartment LED's connected sometimes labeled "G-LED".

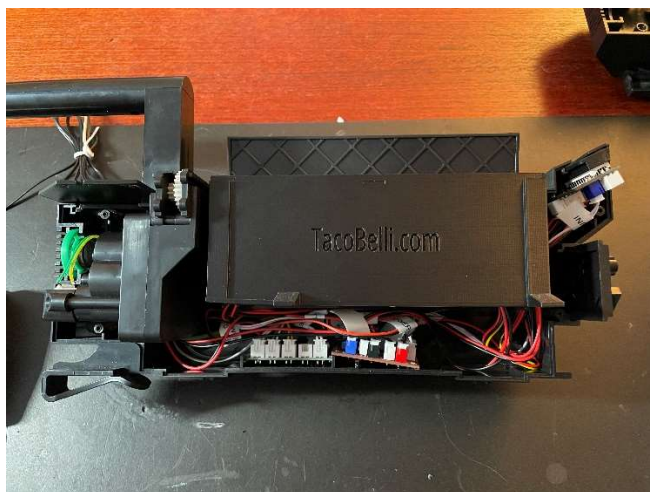
From the port labeled "3.3v Trap" you will connect to the port on the original trap board where the original AA battery compartment connected sometimes labeled "Power". I have removed much to make the connections visible. You should not need to. Jumper showing which wires to join to remove the switch in the first photo.



### Vent kit Electronics installation (LEFT Half):

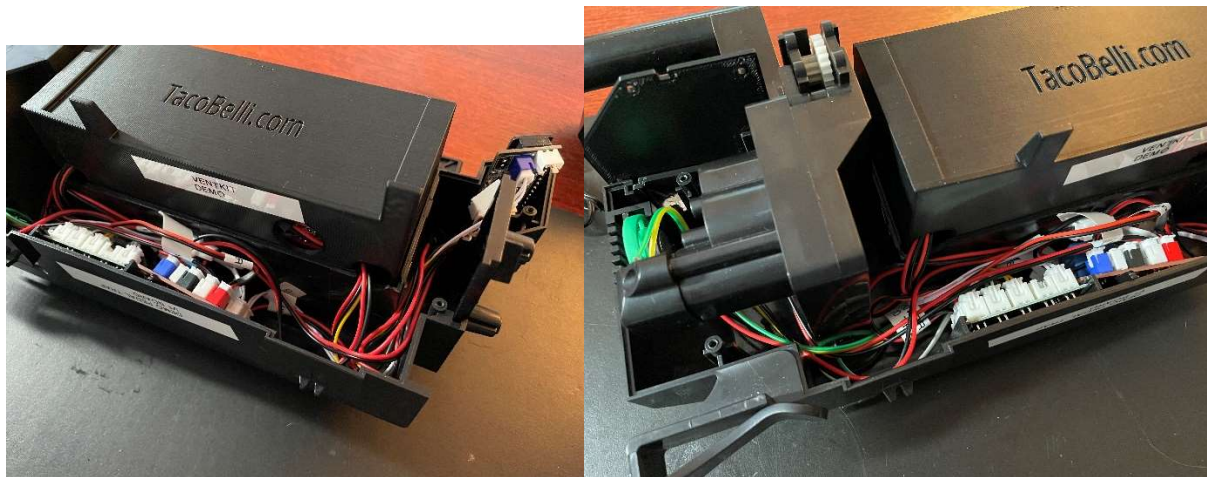
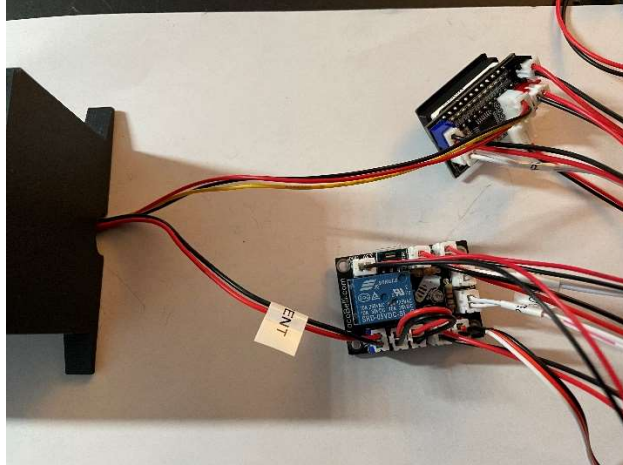
This step is easier than it looks. Lay the relay and bargraph into the left side of the trap half.

Then Place the chamber into the trap half ensuring it is facing the correct direction. It is designed to only fit one way. Installed in the trap body including bargraph the overall layout should look like this:



Connect the TWO (2) wire connector coming from the compartment to the BLUE port on the TRAP RELAY named "Vent"

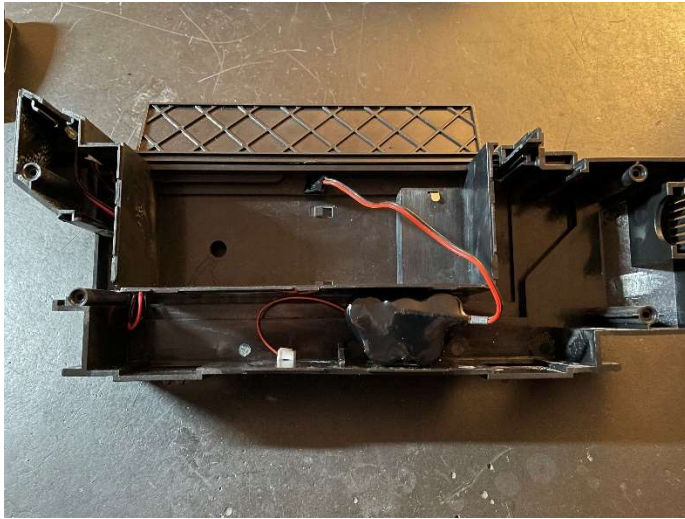
Connect the THREE (3) wire connector coming from the compartment to the receptacle on the BARGRAPH.



\*Ensure the RED LED is connected to the corresponding port on the bargraph. You may be using an extension part depending on your choice earlier\*

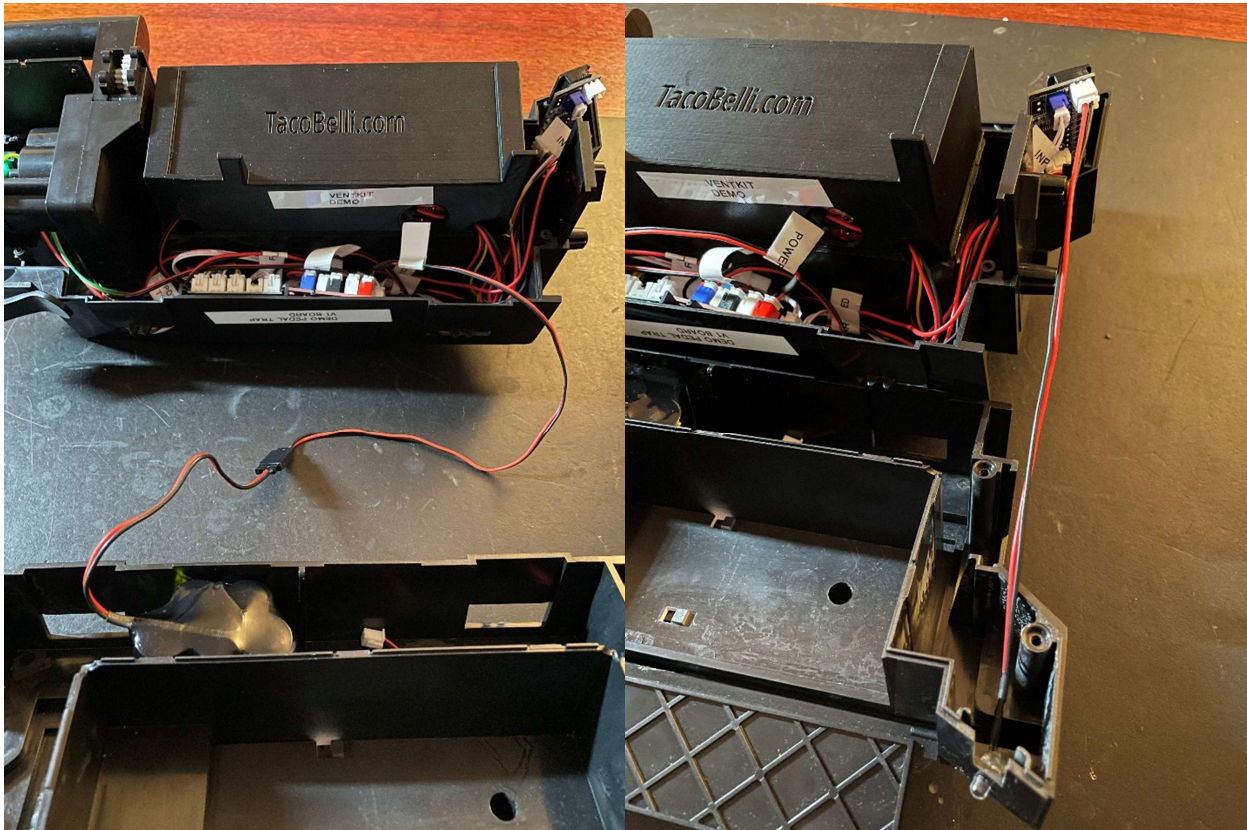


**BATTERY PLACEMENT (Right Half):**



\*Although unused, you do not need to remove the original AA battery connector and it is seen tucked behind the battery in the above picture.

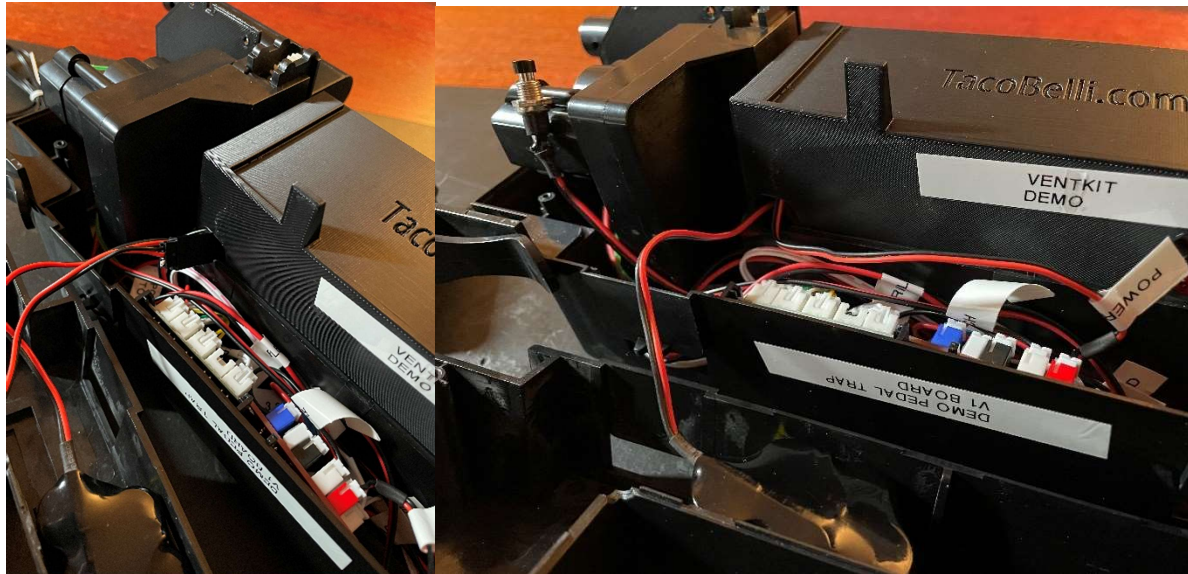
**Connect the halves:**





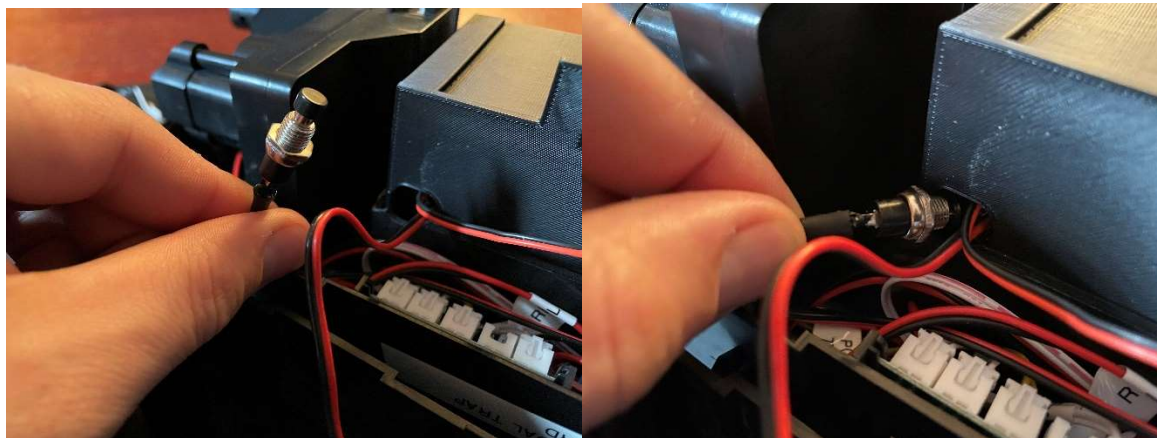
Locate the battery connector:

You will place the connector in the rear opening of the trap chamber. This way you can easily access it for charging from above.

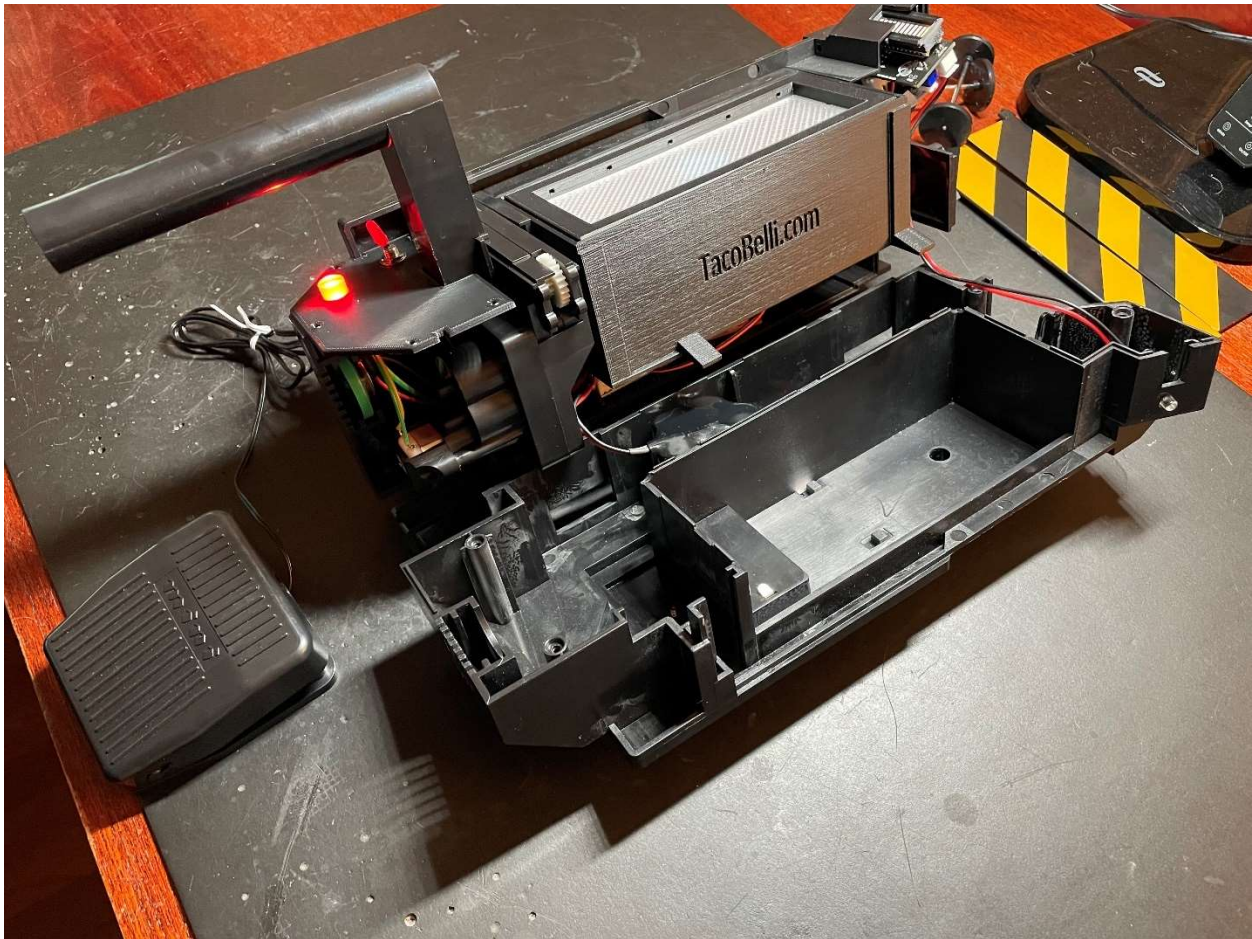


**Manual Button:**

If you have not decided on a location for this button you can also slip it into the rear compartment port.



### Trap Reassembly:



Make sure your trap looks about like the picture above.

1. Test power by turning on the power switch.
2. Test the pedal sequence by pressing the pedal.
3. Aside from the doors moving the trap should now perform all the effects.

If the trap does not work as expected review the earlier steps or email me for assistance  
TheTacoBelli@TacoBelli.com.

### Join the Trap Halves:

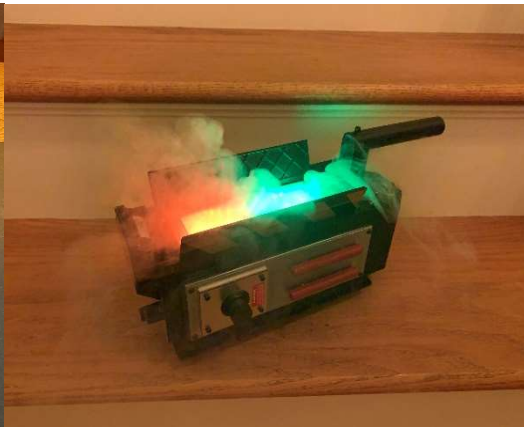
Screw the trap halves together but do not snug the screws just yet. Be careful not to pinch or cut any wires. Pay close attention to the front most screw near the bargraph.





Reattach doors and wheels.

Test the trap for function. Enjoy!



### Refilling/Recharging:

If your battery isn't completely dead, activate the trap sequence and turn off when open. Otherwise – remove the trap doors.



Pry up the front end of the top trim piece using a flat tool or fingernail. Remove it and the screen. Lift out the tray but be careful as it is connected by wires.

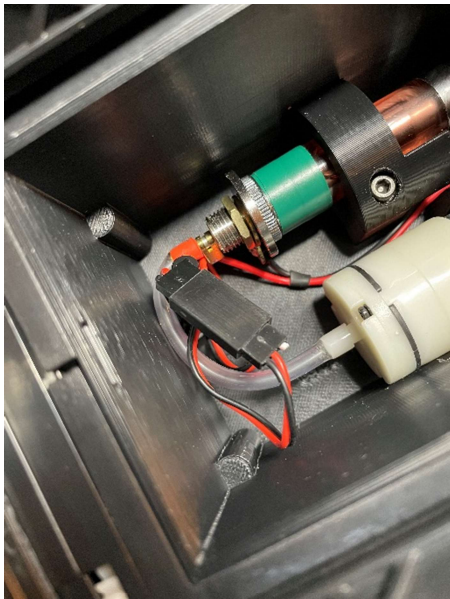






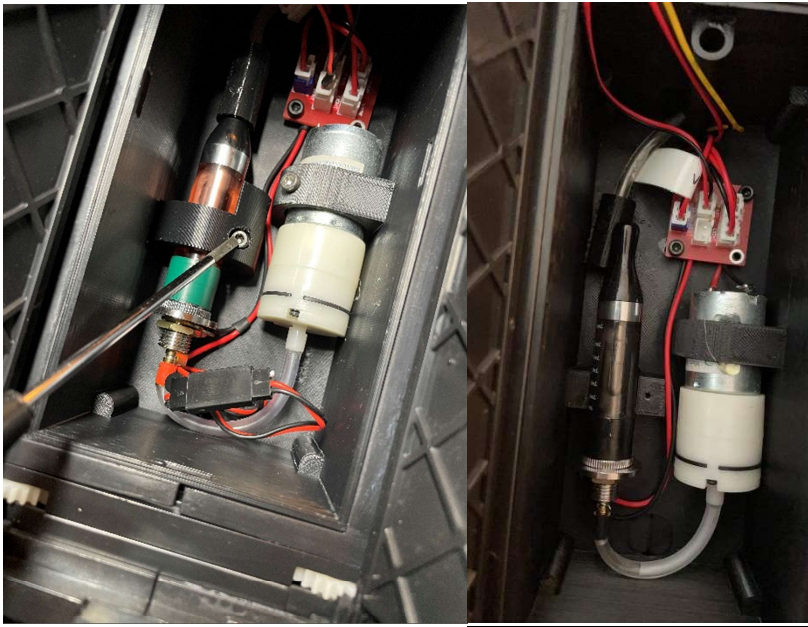
**Recharging:**

Disconnect the battery connector and plug the appropriate end into your charger.

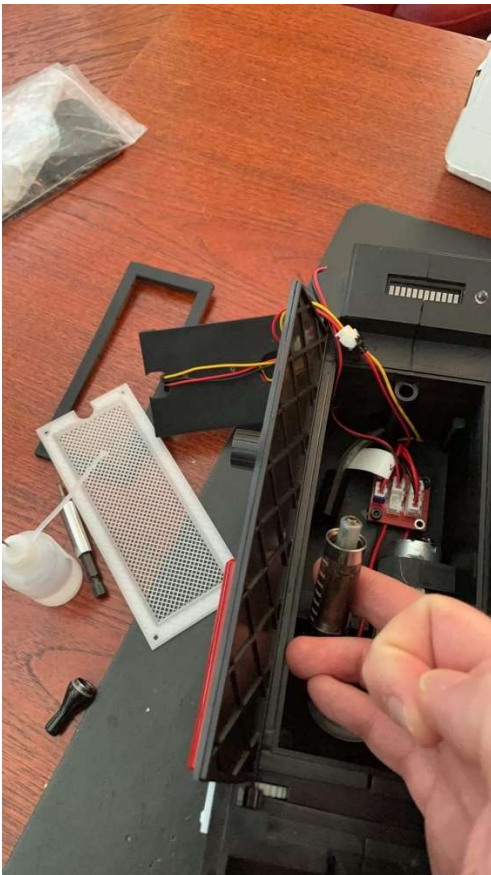


**Refilling:**

Unscrew the Allen head screw holding the clamp. Slide off the rubber tip.

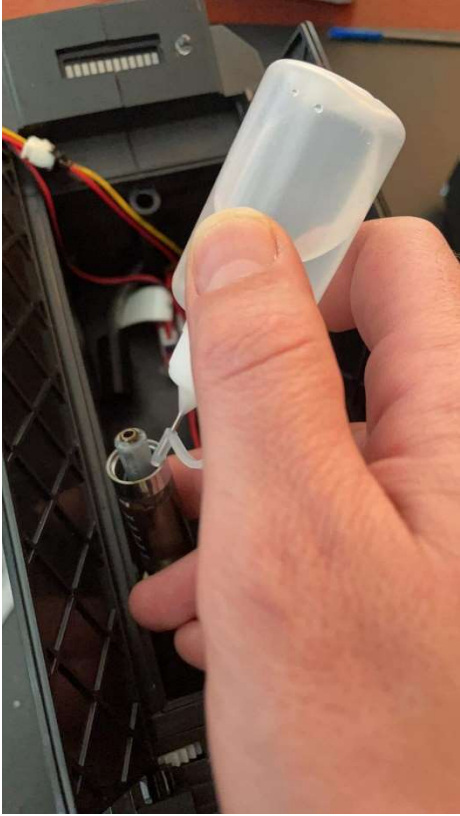


Lift the tank into an upright position and unscrew the cap:





Fill using the needle tip bottle (remove needle cap unlike photo)



Reverse steps to reassemble.

