

ROBO-TANK

Aquarium Controller

Version 1 Deluxe Plug and Play Assembly

July 25, 2020 – Version 1.0



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Summary

Thank-you for your purchase of the Robo-Tank Plug and Play Deluxe Controller.

Although this is plug and play you still need to plug in your Raspberry Pi, this will step you through that.

You will need a medium size Phillips screwdriver (star tip)



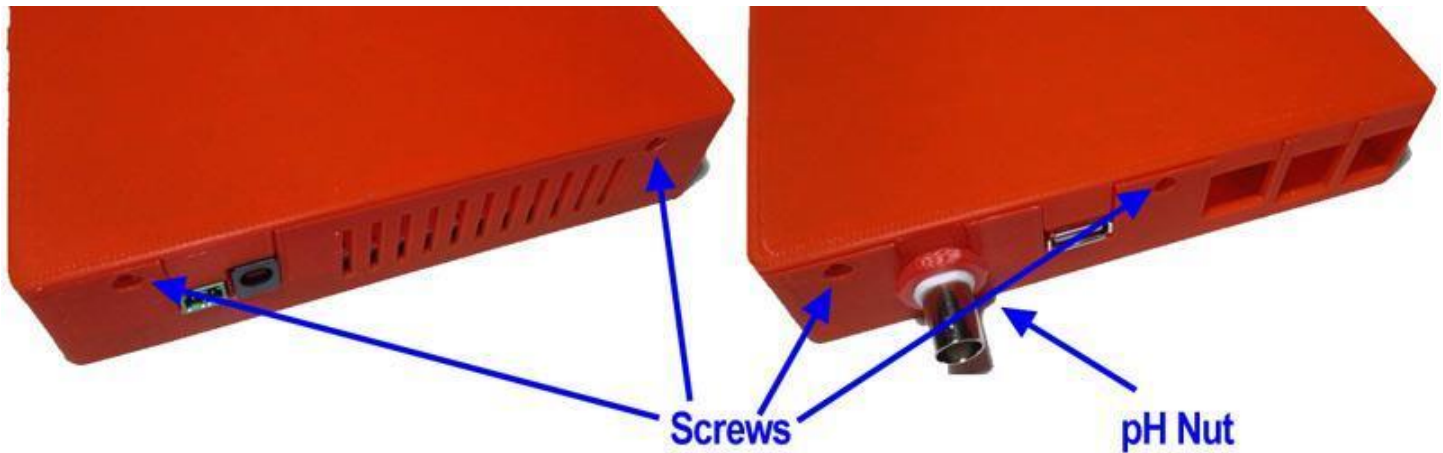
Step 1 – Opening the Case

Remove the 4 screws that secure the lid shown in the image below.

Remove the nut from the pH BNC connector.

The lid is semi snug and needs to be lifted straight up, if you lift it from one side it won't come off.

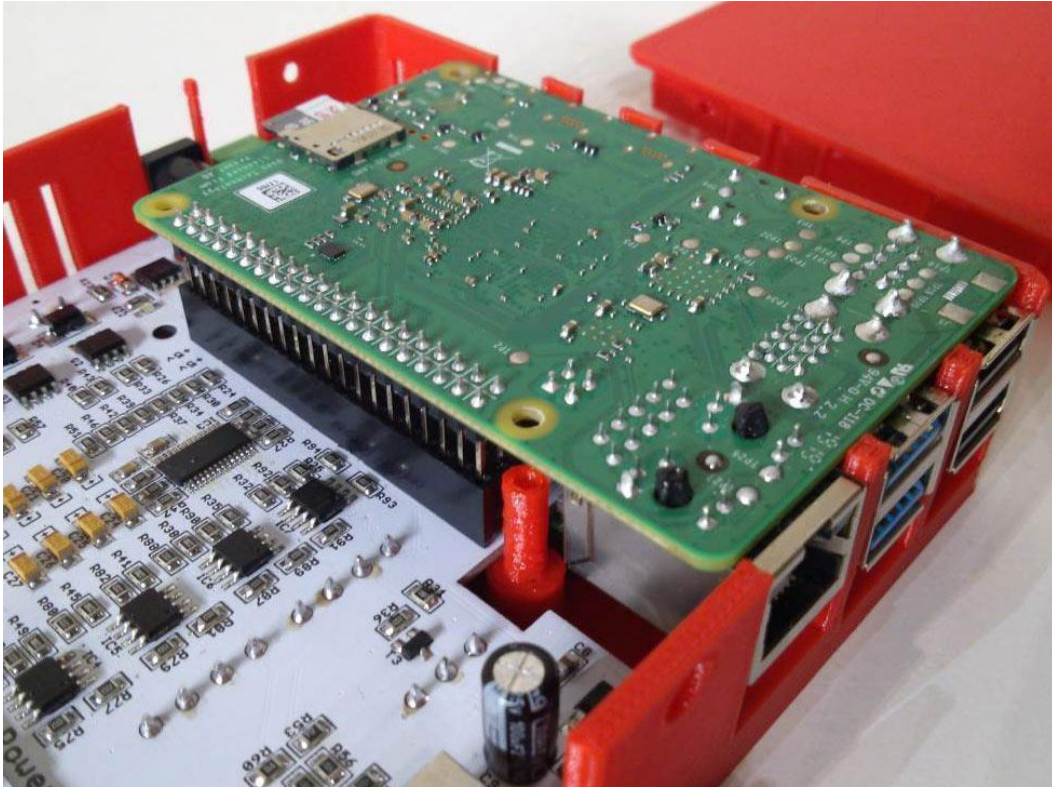
Go around each corner and pull it up a little at a time, once it's 1/4 off you should be able to pull it straight off.



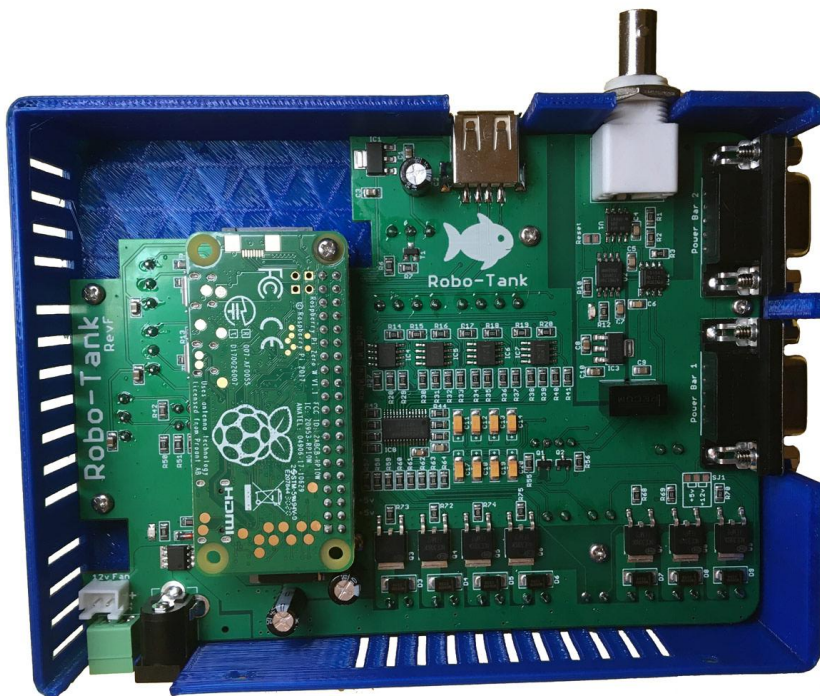
Step 2 – Plug in the Raspberry Pi

Now you can plug in your Raspberry Pi. Align the Pi like the image below, keep it flat and straight and the pins will line up. Verify the pins are straight and slowly push the pi straight down until it's plugged in all the way.

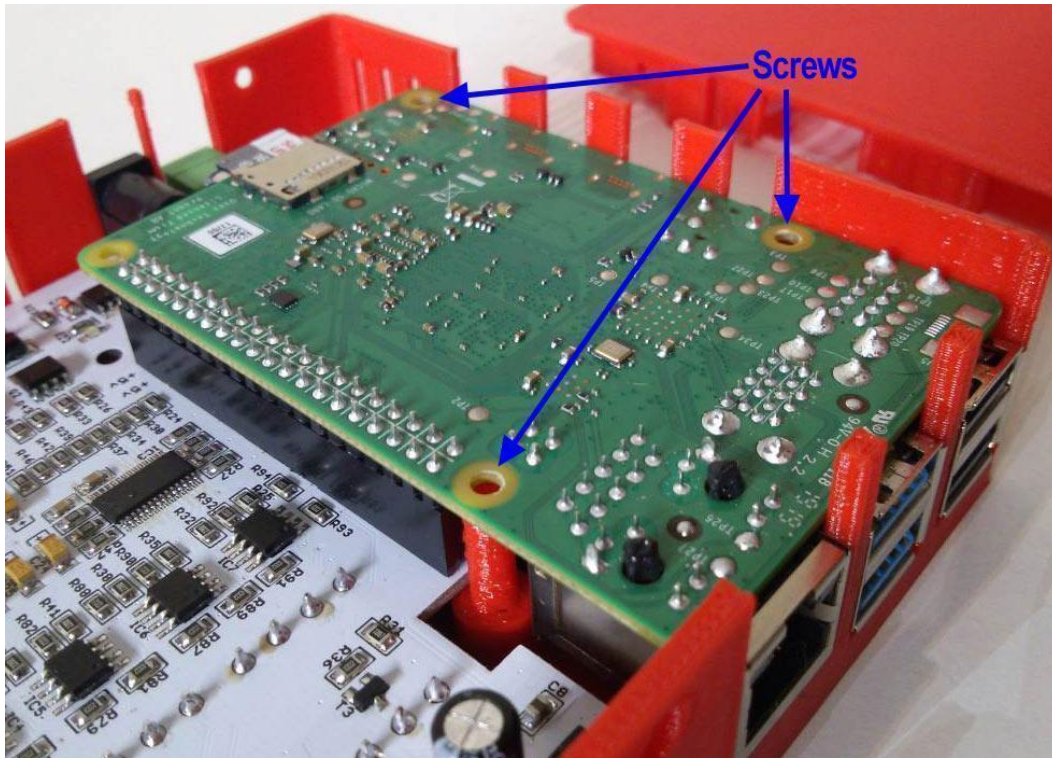
Raspberry Pi 3 or 4.



Raspberry Pi Zero



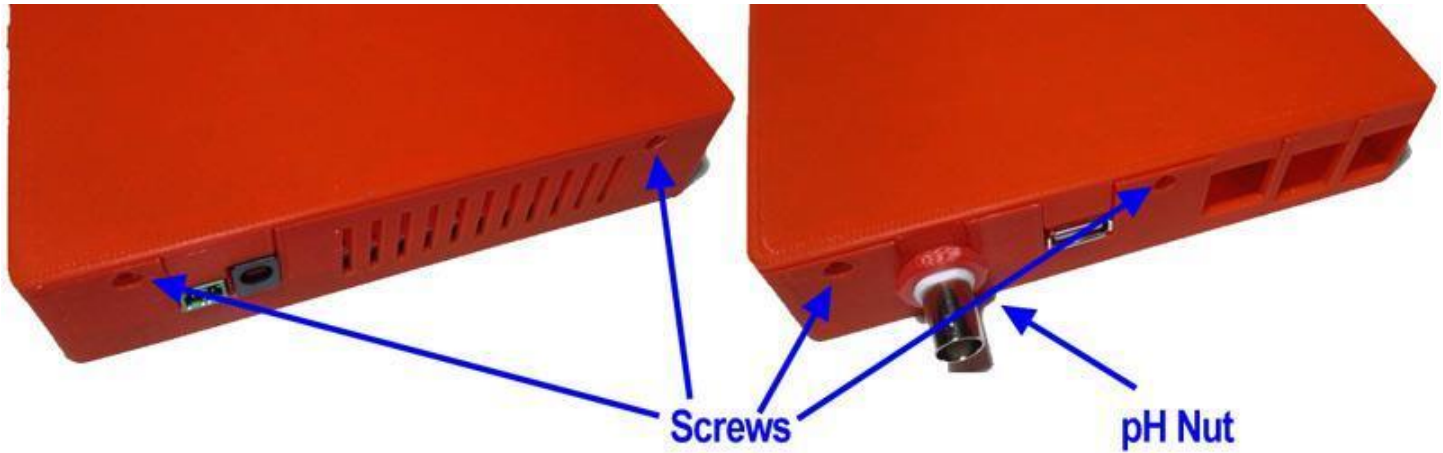
Add the 3 mounting screws.



Step 3 – Securing the Lid

When you are finished with the Pi microSD card you can seal it back up. Just like opening you need to make sure you push the lid straight down after you line it up. Once the lid is removed a few times it doesn't fit as tight.

Add the 4 screws and BNC nut.



Thank-you again for your purchase and I hope you enjoy your Robo-Tank controller.

Questions or comments contact me, Rob Fowler at info@robo-tank.ca