This tutorial is designed to aid you in installation of a console customs rapid fire microchip. The basic installation of this mod must be done exactly as shown in this guide. The addition of buttons to the mod as shown at the end of the guide is optional

This installation requires making several solder connections. We do not advise attempting this installation if you are a beginner at soldering. We recommend reading through all of the instructions and understanding them before beginning your installation.

Proceed with this installation at your own risk. We will not be held responsible for any damage to yourself, your controller, your PS4 console or any other equipment.

Tools needed:

•PH00 size Phillips head screwdriver

•Soldering iron (A 15w/30w

•Wire cutters

•Hot glue gun

Flux is needed help to solder a lot

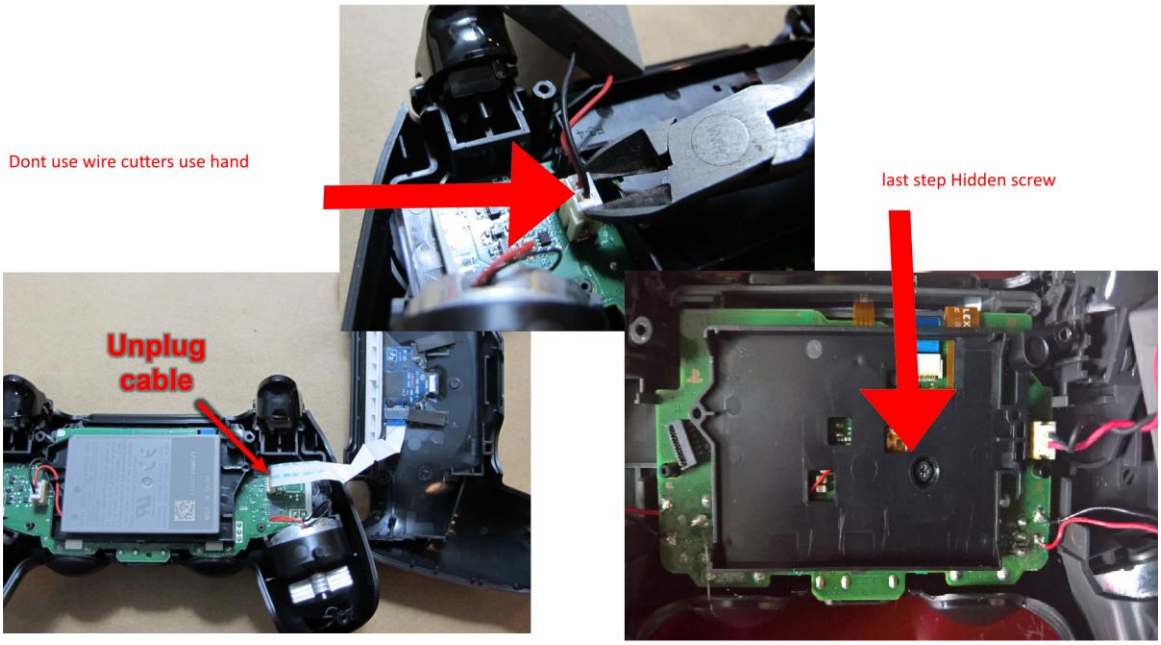
Step 1: Opening the controller

•Remove the 4 Phillips PH00 screws indicated below.

•The controller also has several clips holding it together along the edges. Once the screws are removed we find it is best to separate the shell from the base of the grips as shown below. You will need to use some force to get the controller open due to all of the clips. You must also be careful as there is a ribbon cable that connects the back half of the shell to the front half. See the next page for what this looks like.

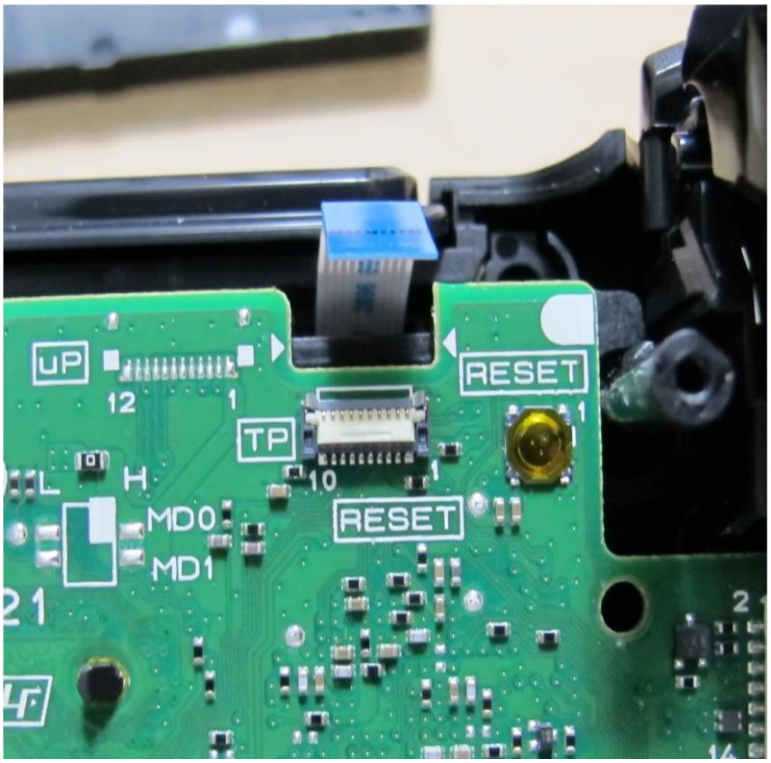
Step 2: Remove Ribbon Cable and Battery.

•Unplug the ribbon cable indicated in the left image below. This just pulls straight out, there are no clips holding it in. You can then set the back half of the shell off to the side. •Next remove the battery, do not pull on the wires, instead grip the plug with tweezers or side cutters as shown below and pull it out from t



Step 3: Remove the circuit board.

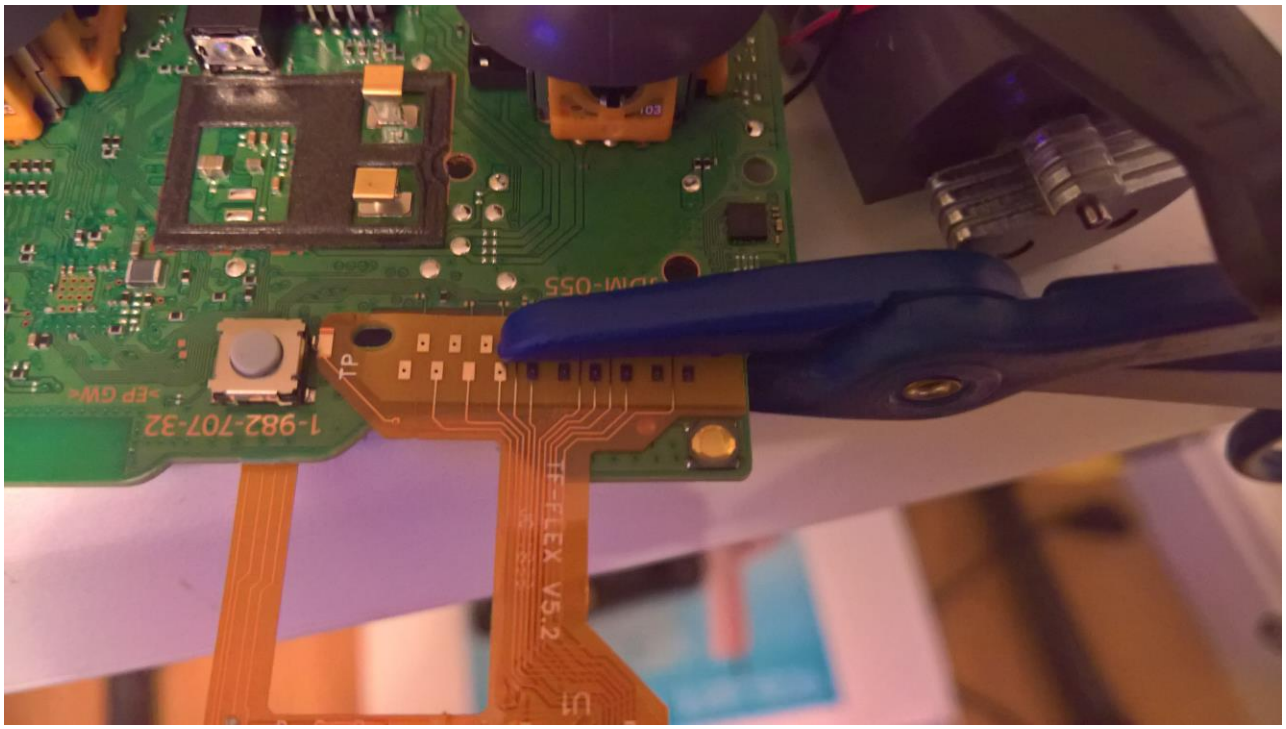
•To remove the circuit board you must remove the Philips PH00 screw indicated below and also remove the ribbon cable at the top right corner of the board. The circuit board can now be lifted straight up. You cannot fully remove it as the rumble motors are still connected but you will be able to lift it enough to flip the board over without disconnecting the rumble motor wires.

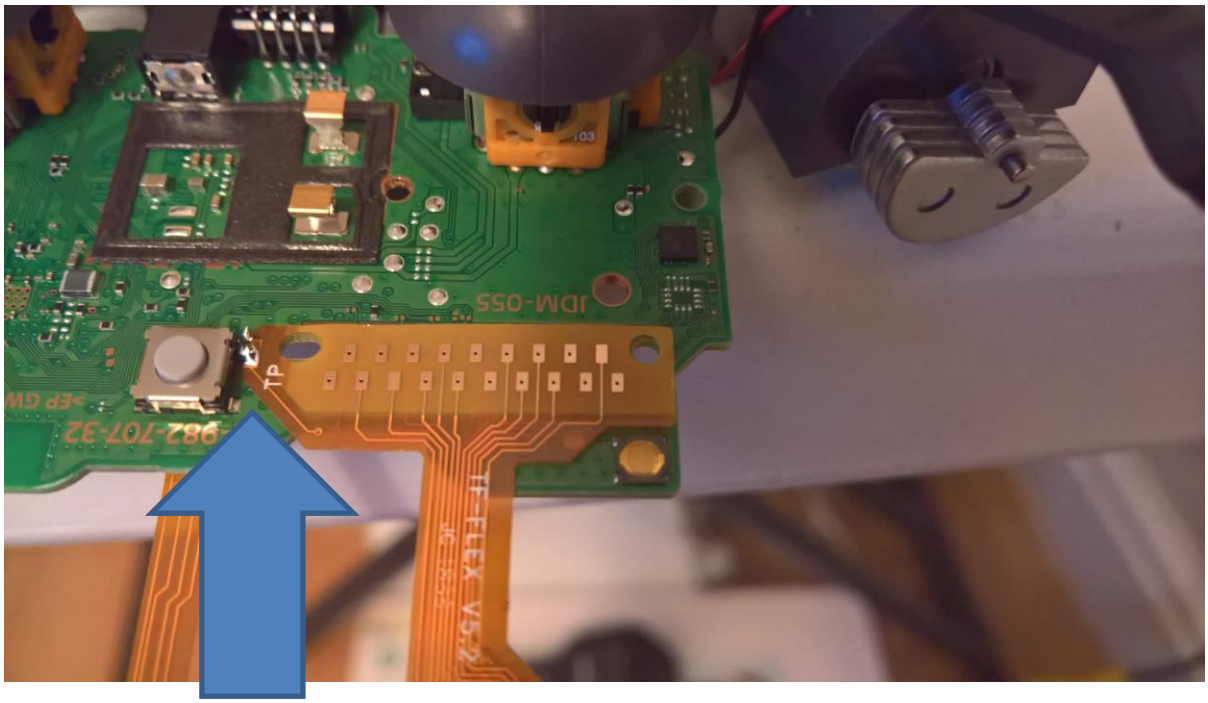


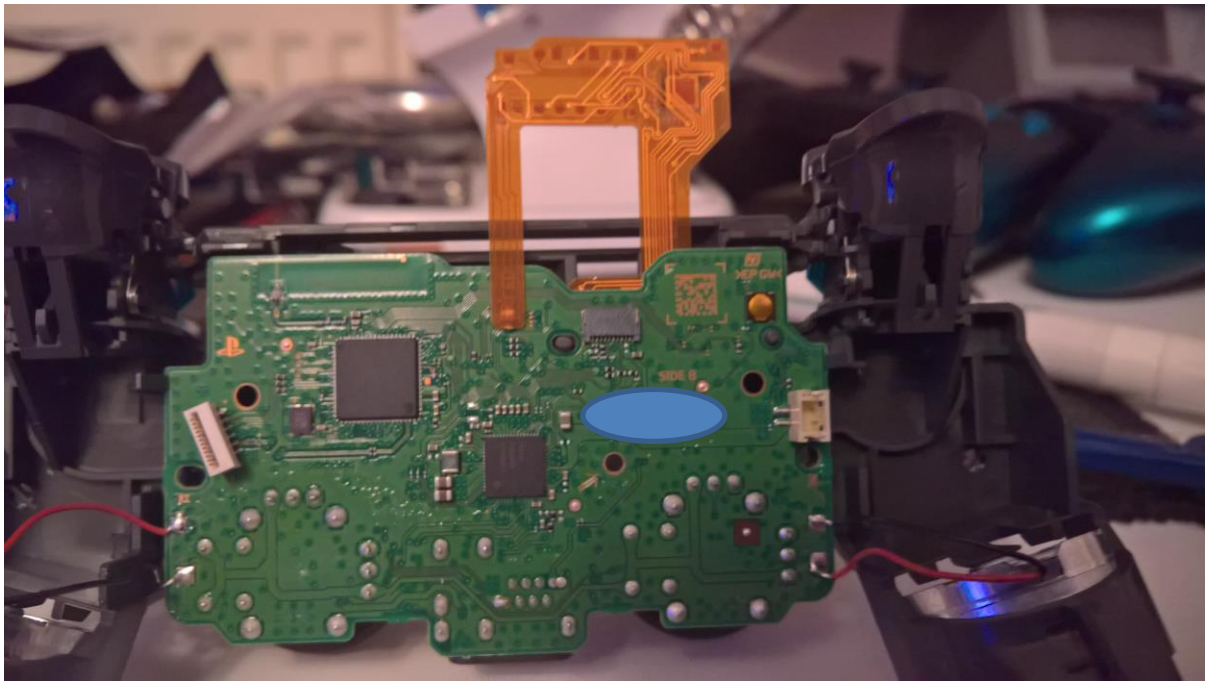
Step 4: Placing the board and soldering to the Touchpad button.

•With the board flipped over you will see the section of small black square in the center of the board. This is where the controllers flex cable makes its connection. Our mod will go in-between these two. You will just take and lay the mod chip on the main circuit board as shown in the left image below. The mod should be aligned and centered with the two holes in the board. It is important that the mod stay aligned while performing the next step of soldering the touchpad button. Because of this we suggest using some scotch tape or masking tape to hold the mod in place while making the solder connection. Just be sure to remove it when you are done. •Now for what is probably the most difficult part of the installation which is soldering to the touchpad button, this is really only difficult of you did not tape the board to hold it in place. You will see that a small solder

pad lines up right next to one of the legs of the touchpad button. Solder this pad to the leg of the button as shown in the right side image. •Make sure the holes in the mod still line up with the holes in the board. If not you will need to reheat the solder connection of the touchpad button and realign it while the solder is liquid. •Remove the tape if you used it and flip the board back over into place.







You can add some hot glue to keep the mod chip down only add it where it blank see step 5 picture to see where to line the mod chip

Step 5: Replace ribbon cable and screw, then solder remaining connections. •With the board flipped back over Then replace the screw in the board and ribbon cable. Make sure to flip the latch of the ribbon cable back down to hold it into place. •Now bend the mod over the board so it lays on the back side with the edge of the mod lining up with the edge of the of the controllers circuit board. You may want to use a small dab of hot glue on the back of the mod to hold it down to the circuit board. •Now cut 2 small lengths of wire and solder from the Pads labeled R3 and L3 on the mod to the R3 and L3 pins on the controller shown below.