

PS5 EDGE V1.0 Smart Trigger Installation

This guide covers the installation of our V1.x smart trigger mod for the PS5 Edge Controller.

For installation you will need a few tools. A Philips PH00 size screwdriver is required for opening the controller. You will also need a small pocketknife, razor blade or side cutters to remove a small plastic tab from the triggers, a plastic pry tool and needle nose pliers or tweezers. You will also need a small piece of sandpaper, now included with the kit.

This mod is compatible with all our rapid fire, programmable remap and easy mapper mods.

Your Kit includes left and right trigger modules, trigger mounts and one small plastic washer.

We also have a video installation guide for this mod kit. If you prefer to watch a video of the installation, just click the link or scan the QR code with your phone.

For support, please contact us at support@consolecustoms.com

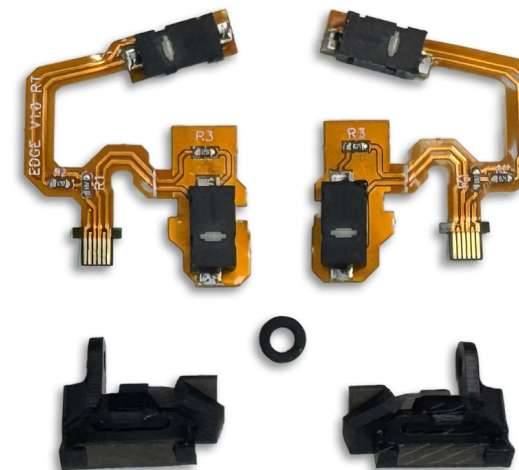
Main Video installation Guide



Supplement video
For Hard Pressing R1/L1 Fix.
(The fix are the actions taken
on page 14 of this guide.)



Our main video is in process of being updated. Please use this PDF guide for the most up to date instructions. Use this guide pages 13-17 for flex installation, trigger and bumper Modification.



Opening the Controller

- To start flip the controller over and slide the thumbstick trim release tab to the left.
- Next lift both metal levers that retain the thumbstick modules.
- Slide the thumbstick modules out of the controller and return the levers to the down position.



Opening the Controller Continued

- Next, using an opening pick or spudger, start at one edge of the bottom trim and slowly work your way around to the back and other side of the controller releasing the clips along the way.
- Please note clips can be fragile and will break if too much force is used.
- Once you have released all the clips the bottom trim will slide off toward the bottom of the controller.



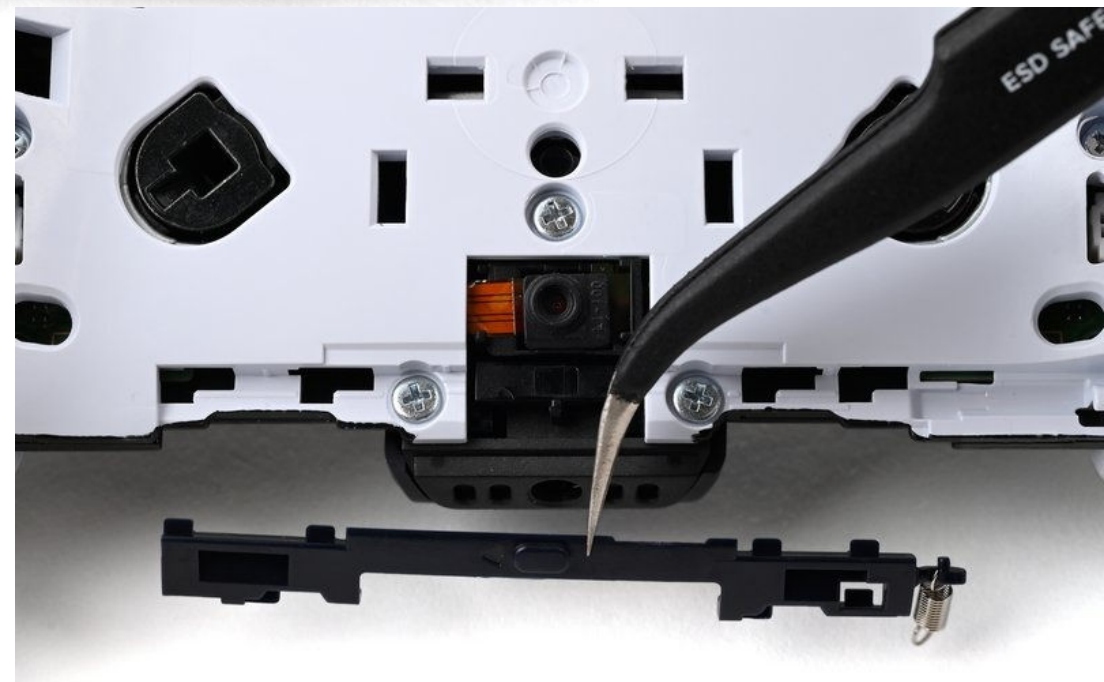
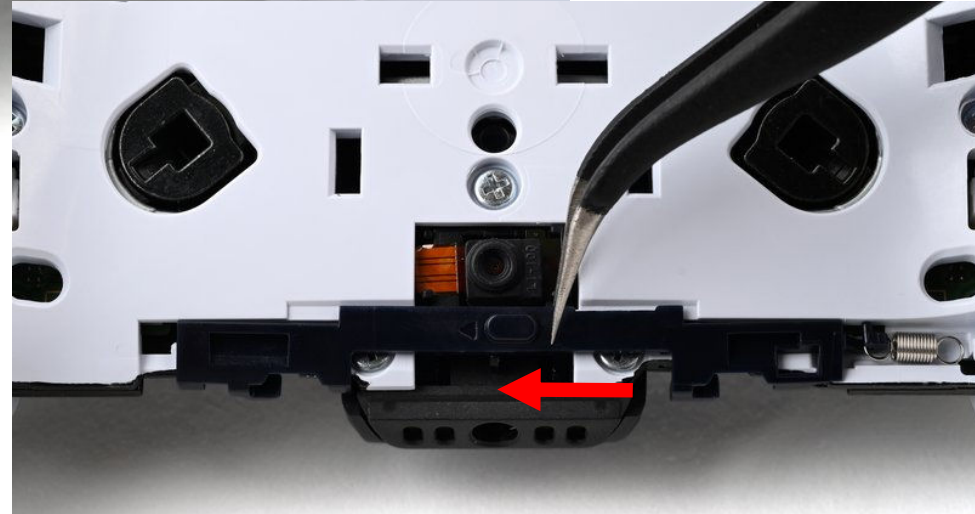
Opening the Controller Continued

- Remove both R1 and L1 by using a spudger or tweezers placed between the trigger and bumper and pry upward to pop them out.
- Then remove the 2 Philips screws located behind R1 and L1.



Opening the Controller Continued

- Unhook the spring attached to the thumbstick trim release lever.
- Slide the release to the left and lift it out of the controller.



Opening the Controller Continued

- Remove the 9 Philips screws from the back of the controller.
- Note the 2 screws circled in yellow are longer than the rest and black in color. These must go back in the same position when reassembling the controller.

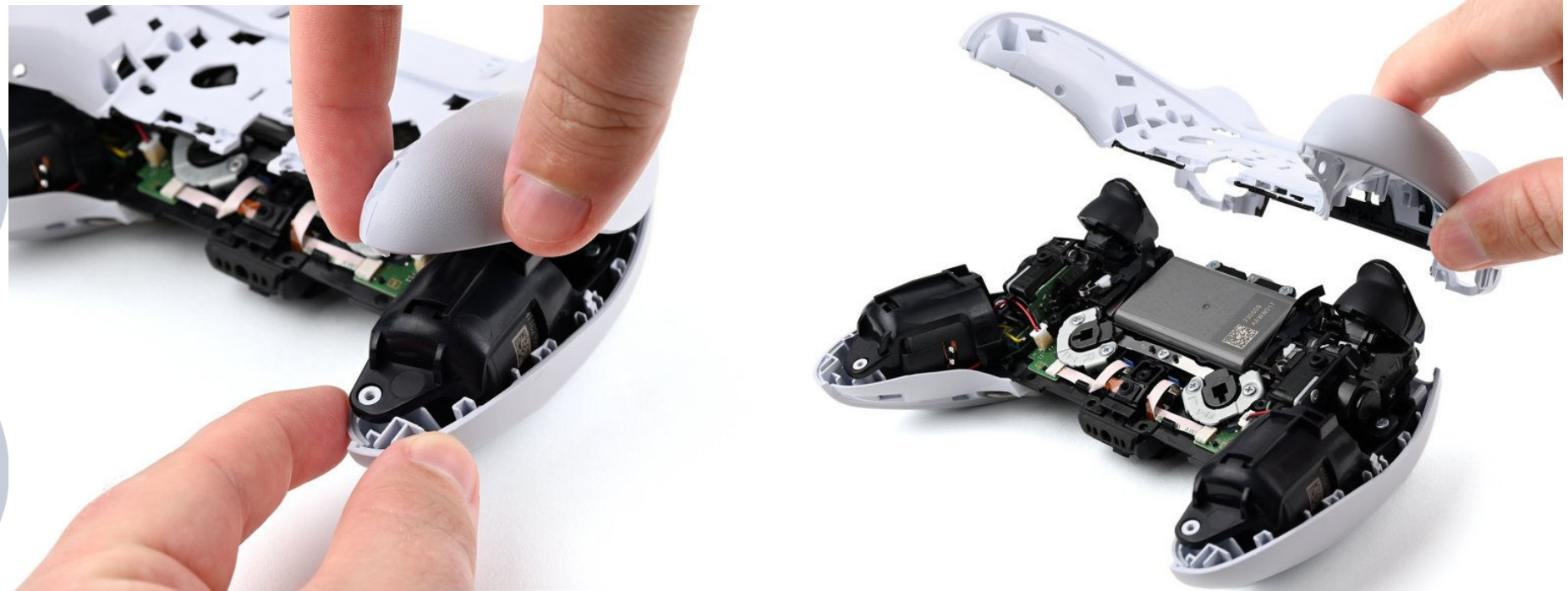


Opening the Controller Continued

- Separate the shell on both sides using an opening pick or plastic pry tool to release the clips.

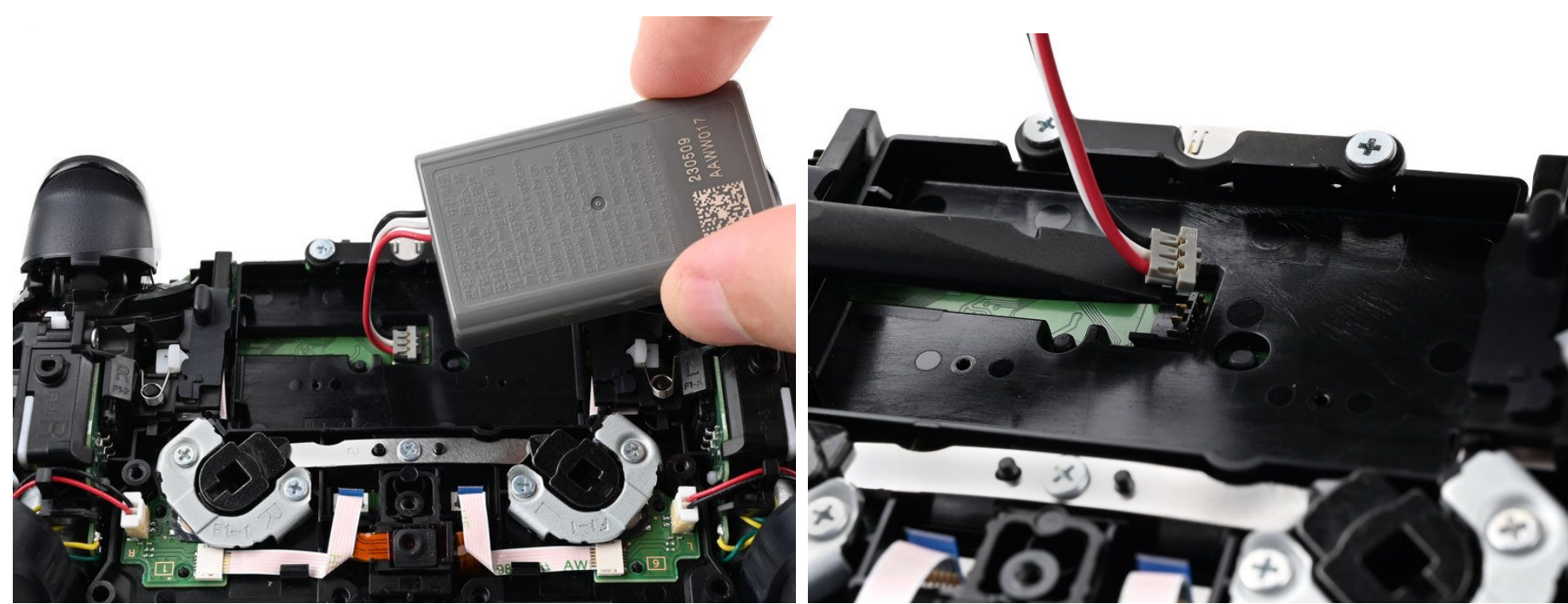


- Lift up on the back shell evenly on both sides to open and separate the shell. While opening, push the back half of the shell slightly toward the top of the controller to help release it.

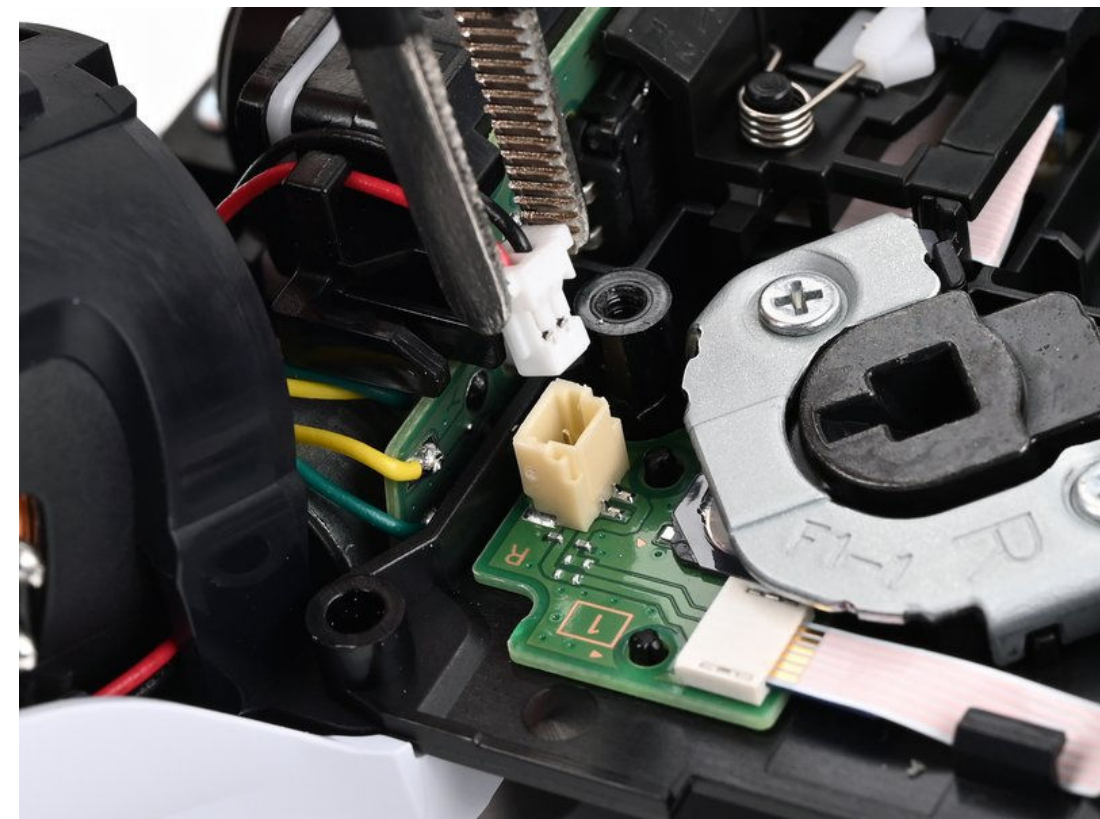


Opening the Controller Continued

- Lift the battery, then unplug the connector by using a plastic pry tool underneath to lift it straight up and remove it.

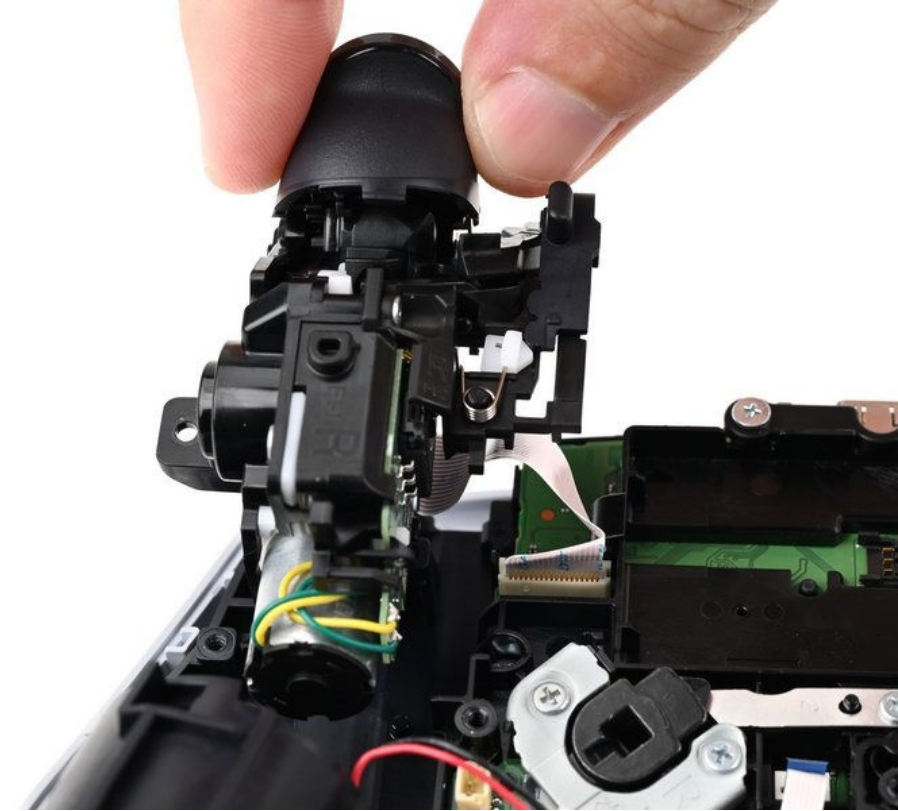


- Then unplug both rumble motor connectors.

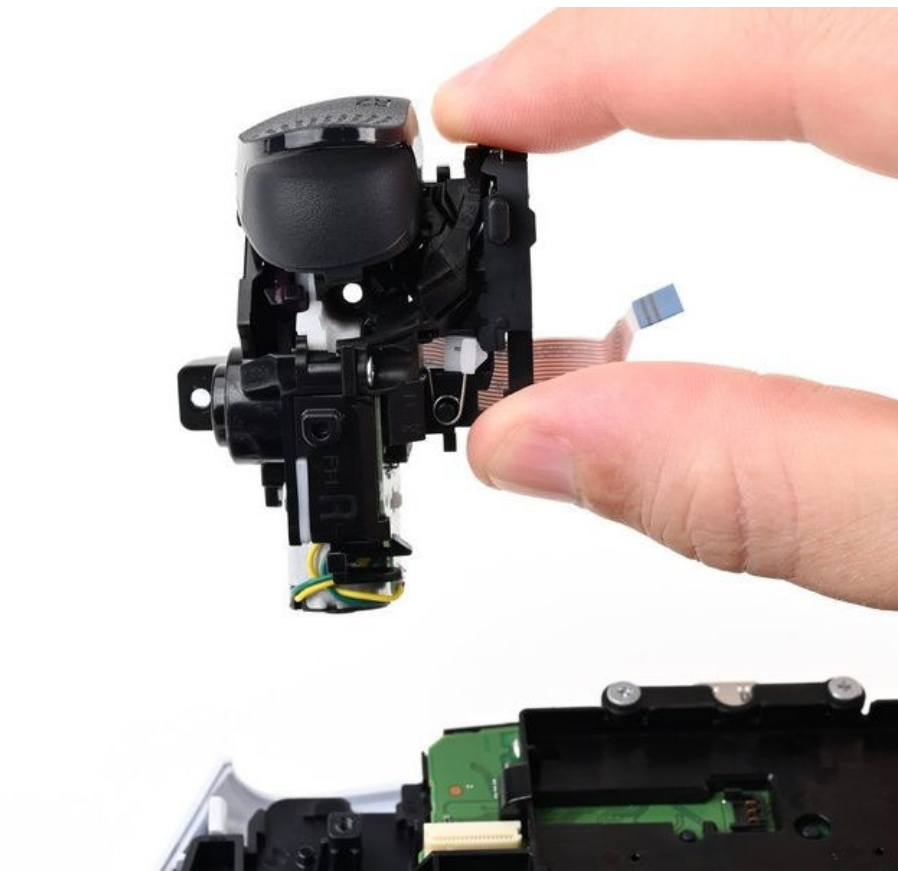
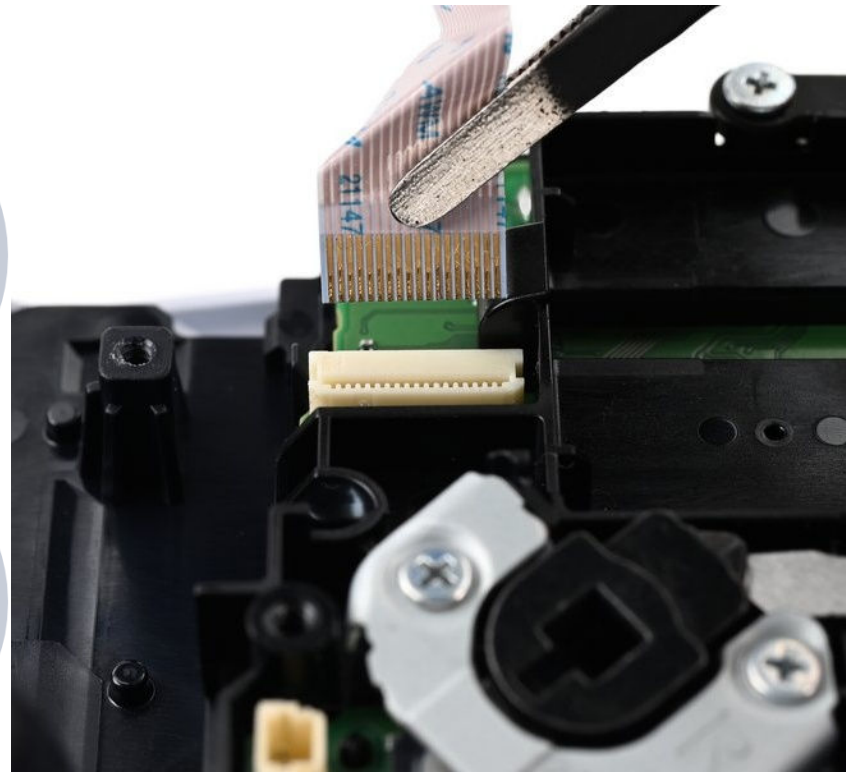


Opening the Controller Continued

- Remove both trigger assemblies by first removing the 2 Philips screws.

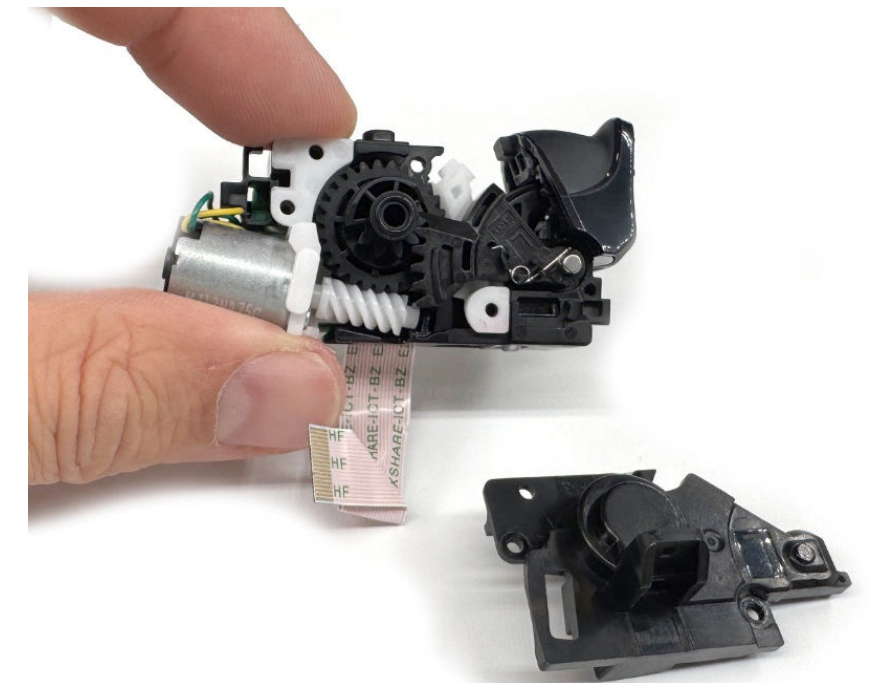
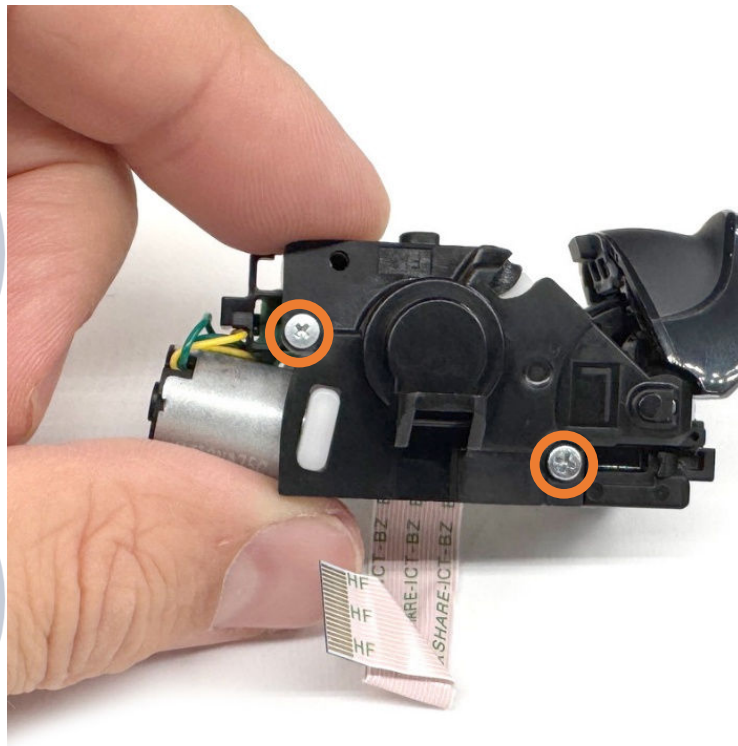
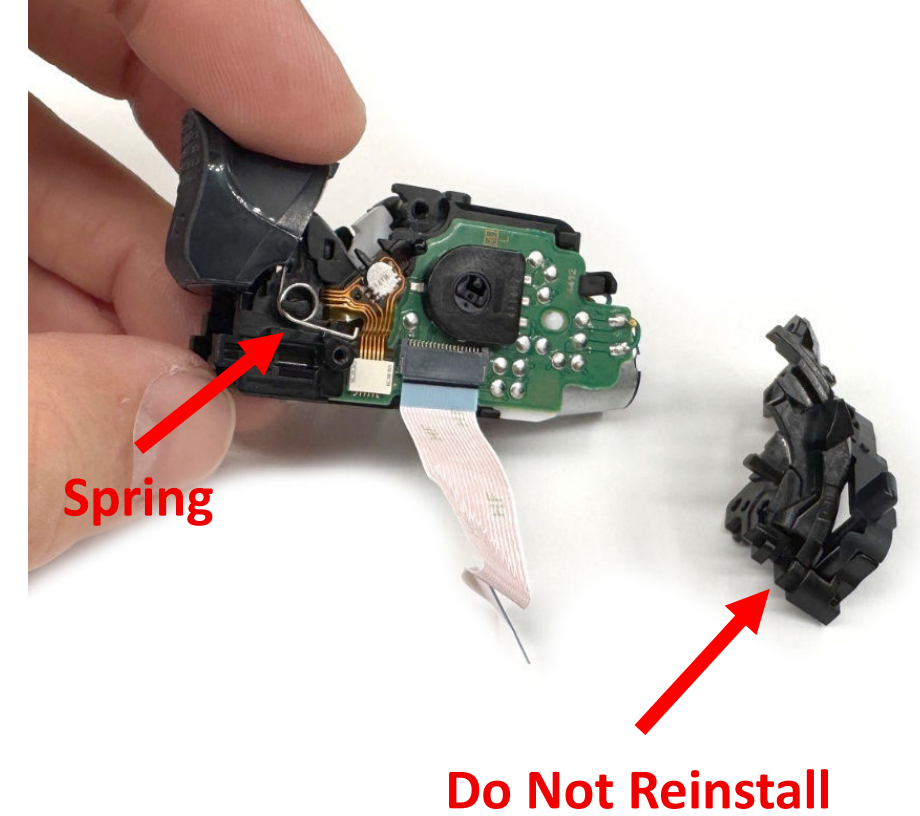
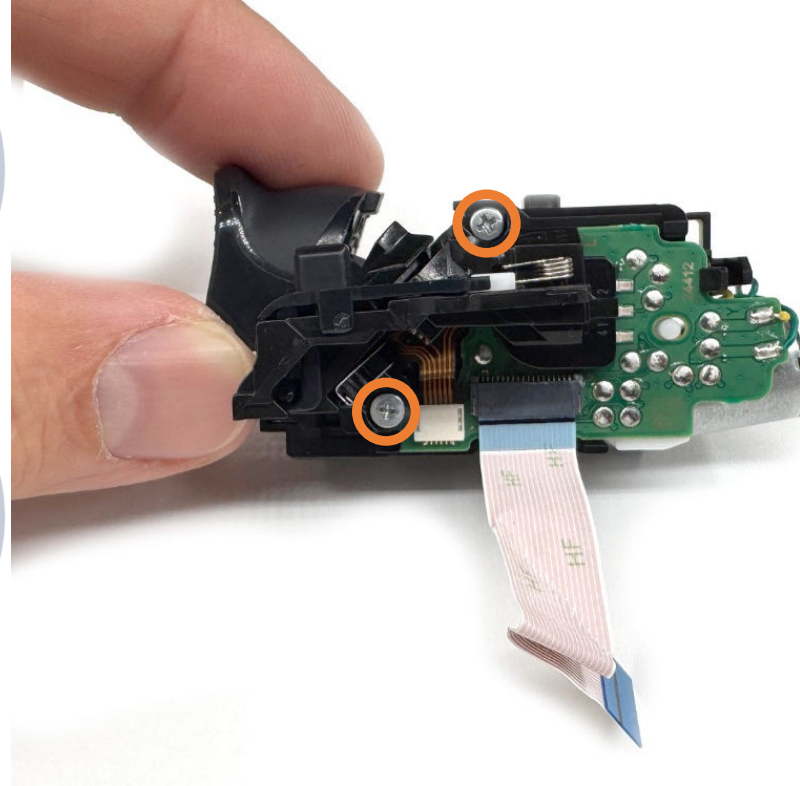


- Then lift the trigger assembly out of the shell and unplug the white ribbon cable.



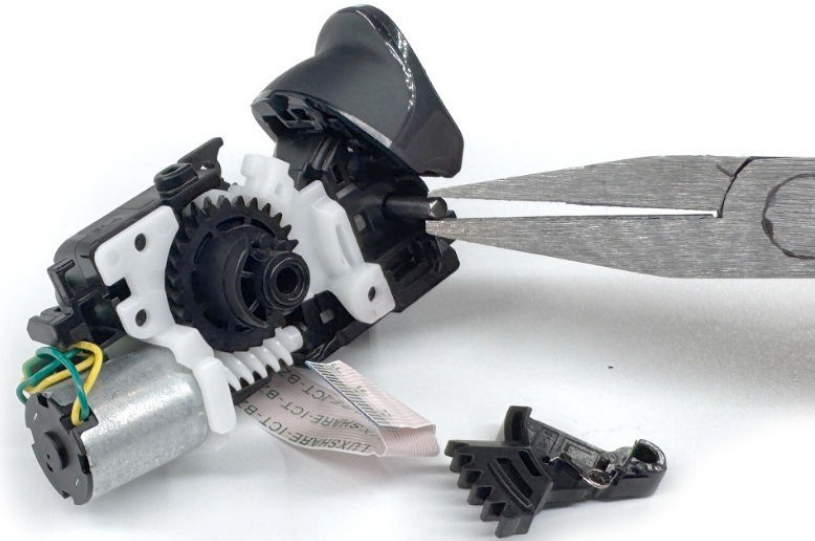
Opening the Controller Continued

- There are 4 screws that must be removed from the trigger module, 2 on each side.
 - Remove the 2 screws holding the original trigger depth selector. THIS PIECE WILL NOT BE REINSTALLED.
 - Carefully remove the spring from the trigger module.
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- Remove the 2 screws from the other side of the module revealing the worm gear for the adaptive triggers.

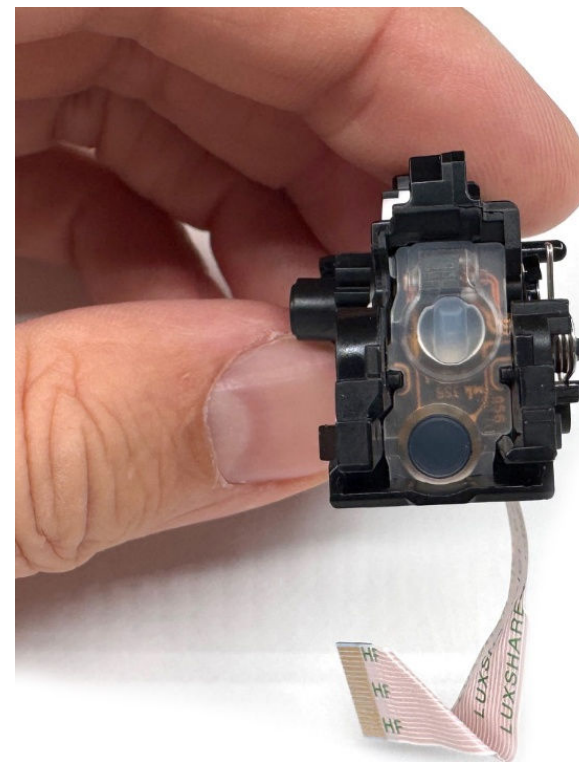


Opening the Controller Continued

- Remove the small triangle shaped partial gear from the trigger pin. THIS PIECE WILL NOT BE REINSTALLED.
- Remove the trigger pin using tweezers or a pair of needle nose pliers.
- Remove the trigger
- Remove the rubber pad from the front of the trigger module.

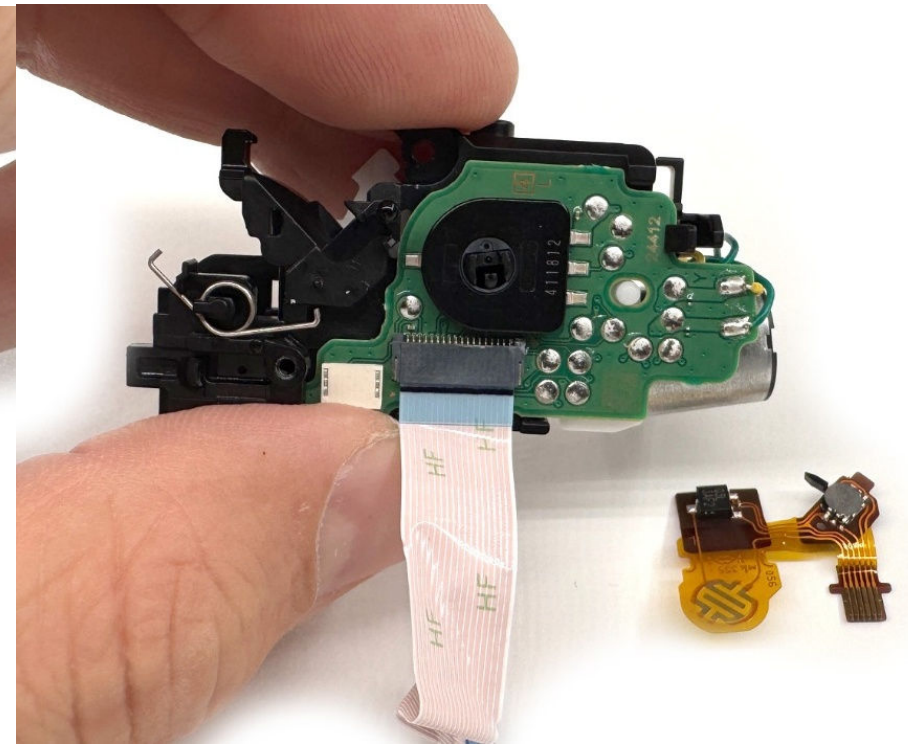
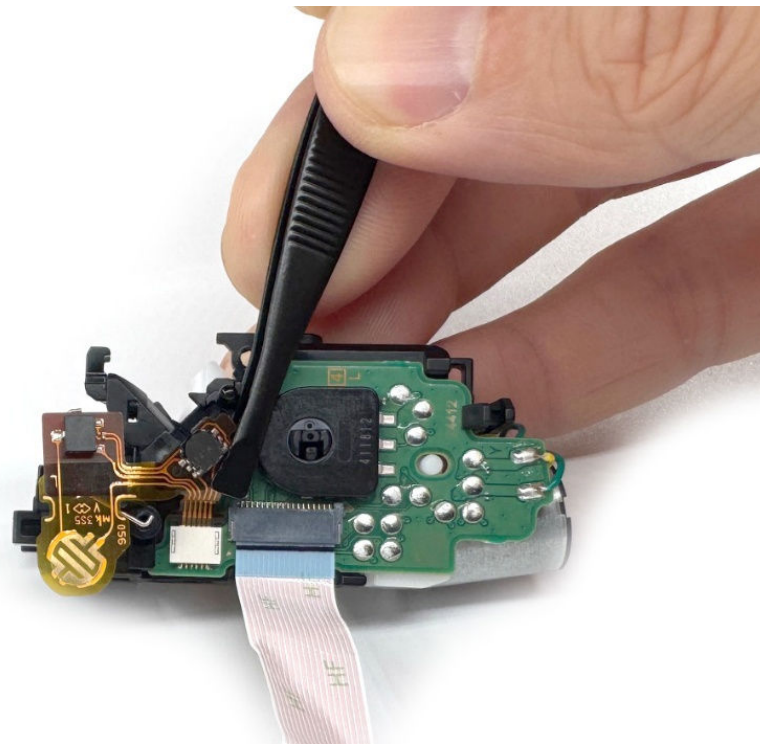
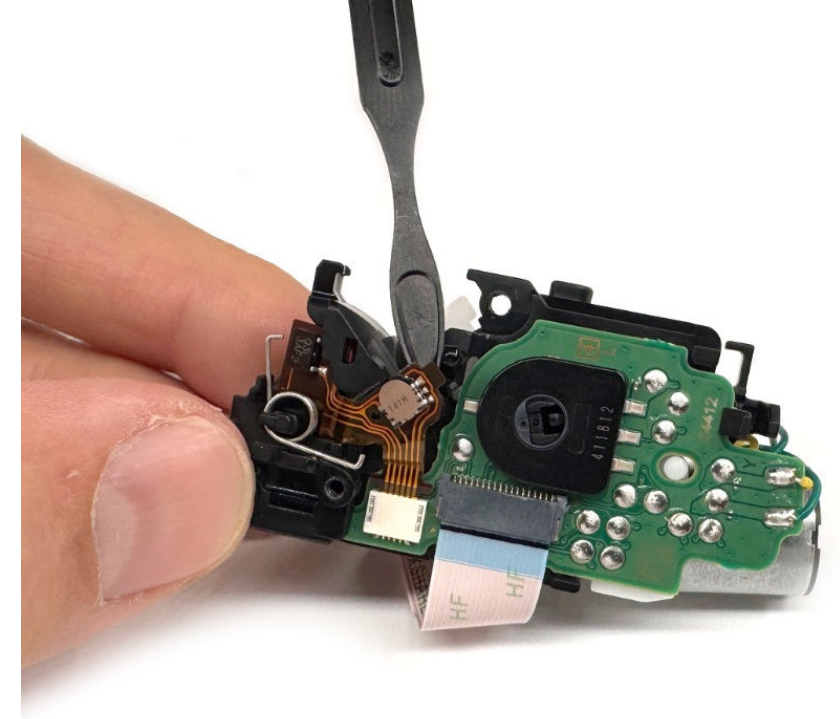
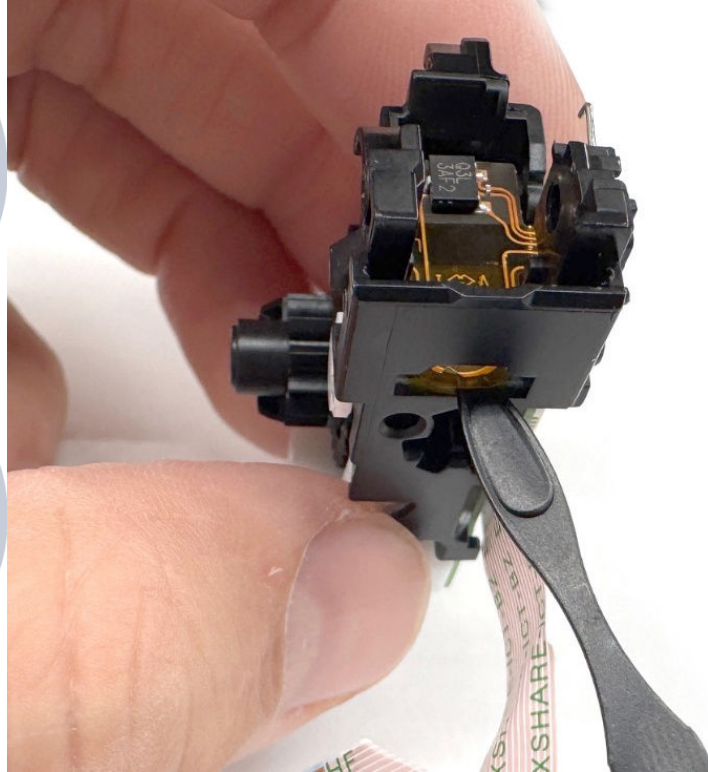


Do Not Reinstall



Opening the Controller Continued

- Removing the original trigger flex takes some care to not damage it. The flex is connected to the housing with double sided tape on both the front portion and on the side behind the small lever.
- Here I am using a cuticle tool from a manicure kit.
- Using a small flat tool side behind the trigger flex from underneath the trigger module and slowly work your way up releasing it from the housing.
- Do the same behind the small lever on the side.
- Unplug and remove the trigger flex cable.
- Remove any left behind adhesive.



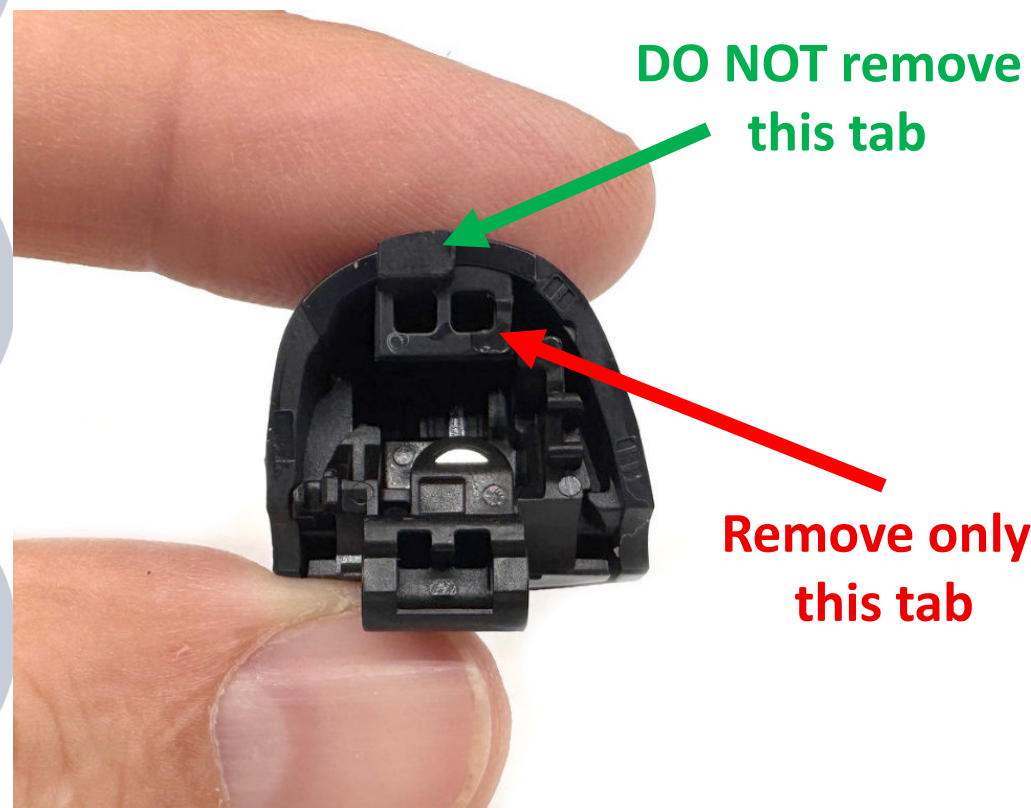
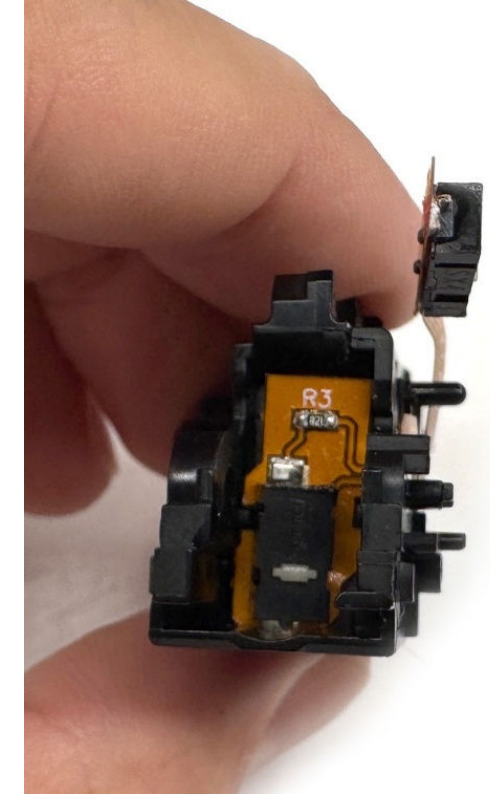
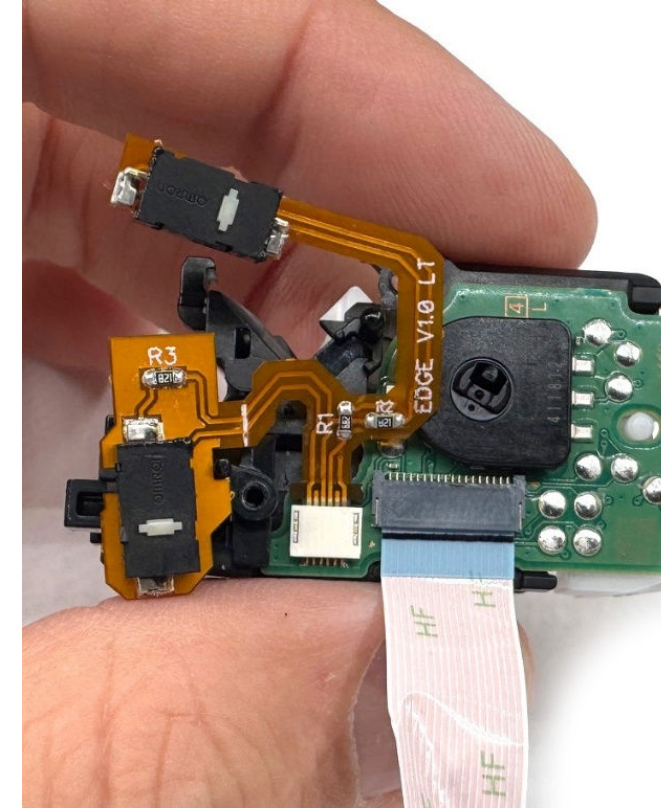
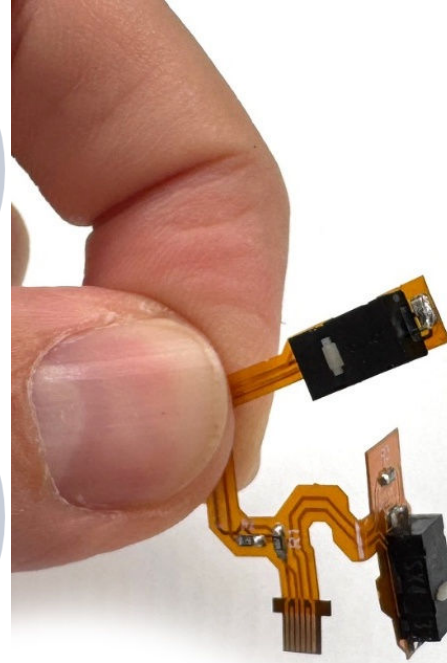
Installing the Mod

- New for Version 1.2 and later mods. There is double sided tape on the back side of R1 and L1.
- Remove the white paper backing before beginning the next step of installation. The double sided tape allows for better placement of the R1 and L1 buttons.
- Failing to removing this backing will result in the mod being too thick and R1/L1 will not press properly.



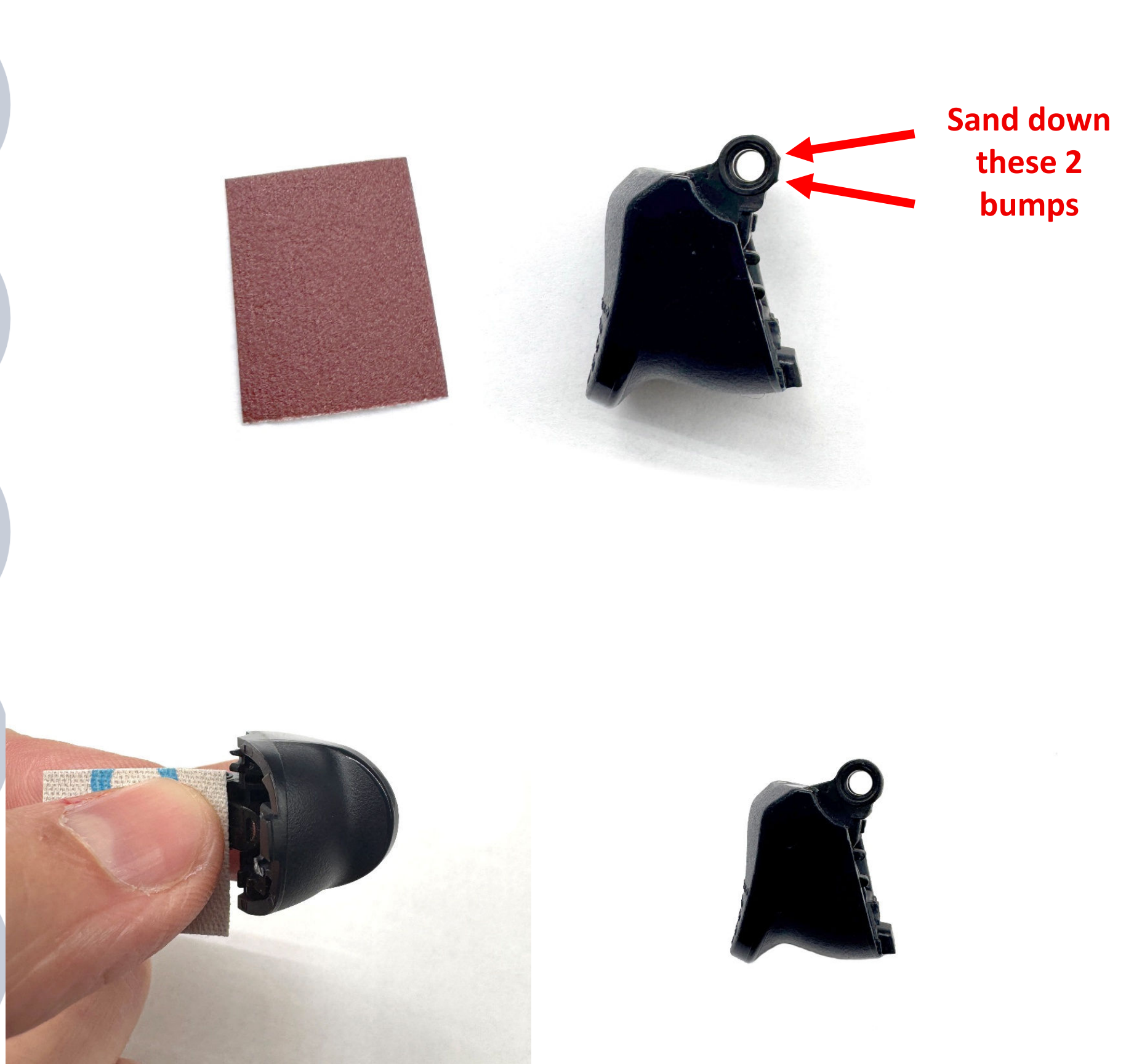
Installing the Mod Continued

- Before Installing the smart trigger flex first bend the flex to a 90-degree angle on the white line. This will help the flex to sit flat behind R1/L1.
- Install the smart trigger flex by plugging it into the connector and then carefully working the button for R1 around to the front.
- Next take the trigger and remove the smaller, lower down, tab on the back. This can be done with a knife or smaller pair of side cutters.
- From the side view you should only see the larger tab at the edge of the trigger sticking out.
- **DO NOT** remove the larger tab at the edge of the trigger. If you remove this, the smart trigger will not function!



Installing the Mod Continued R2/L2 Modification

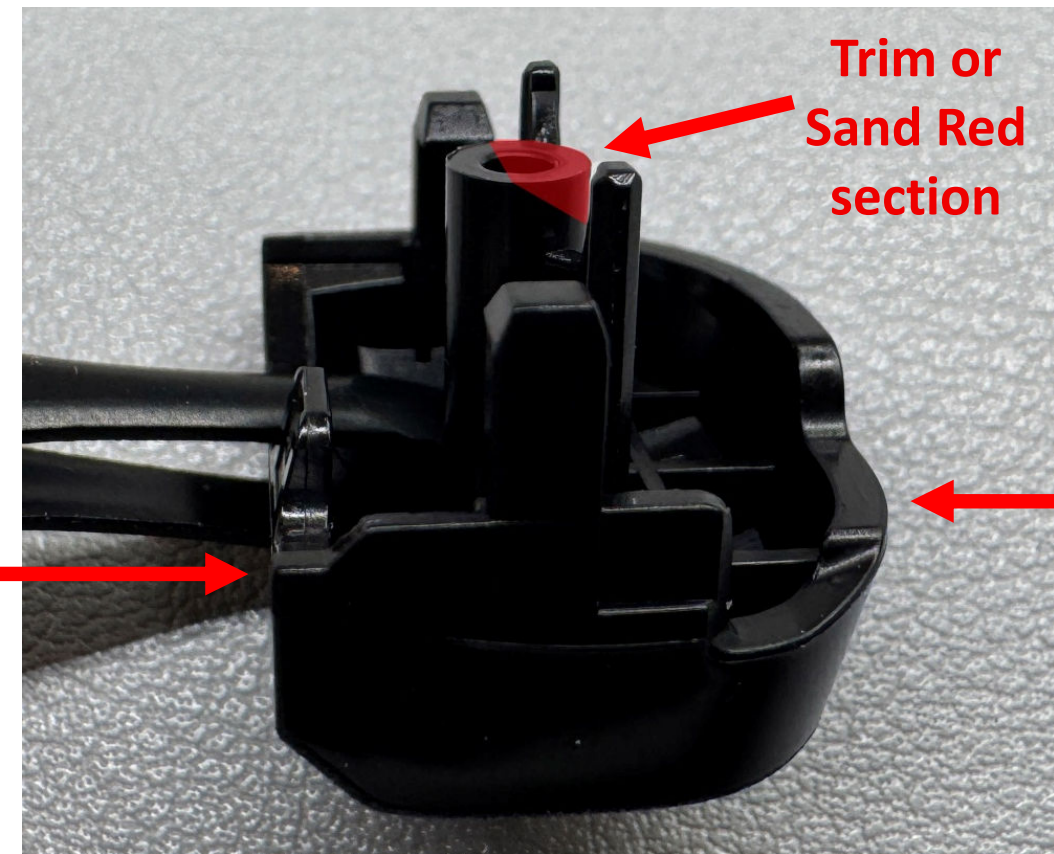
- Next you will need to use a small piece of sand paper, included with the kit, to sand down the bumps on the outer edge of the ring for the pin that hold R2 and L2.
- This step is necessary to ensure R1 and L1 press correctly as these small bumps can make contact to the Omron button for R1/L1.



Installing the Mod Continued R1/L1 modification

- This step is not always necessary, so you can leave it until your controller is fully back together and if R1/L1 press fine, this modification is not needed. However if R1/L1 do not press well when pressing the top edge or sides of the button, this modification will solve that issue and make R1/L1 feel much better.
- Due to the necessary placement of the Omron button for R1 and L1 the plunger of the button does not sit centered with the Cylinder on the back of R1 and L1 that presses it. This can cause R1 and L1 to not press well on the top edge.
- To solve that problem you can trim or sand down only the top 1/2 to 2/3rd of the cylinder. Leaving the bottom 1/2 to 1/3rd that makes contact to the button.
- Make sure you are trimming or sanding the correct side according to the pictures here and remember you can always remove more but you cannot add it back, so remove a small amount and test.

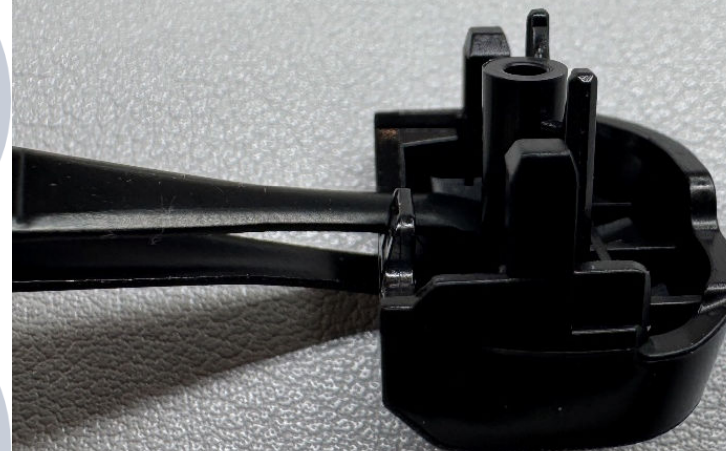
**Bottom Flat
Edge of Button**



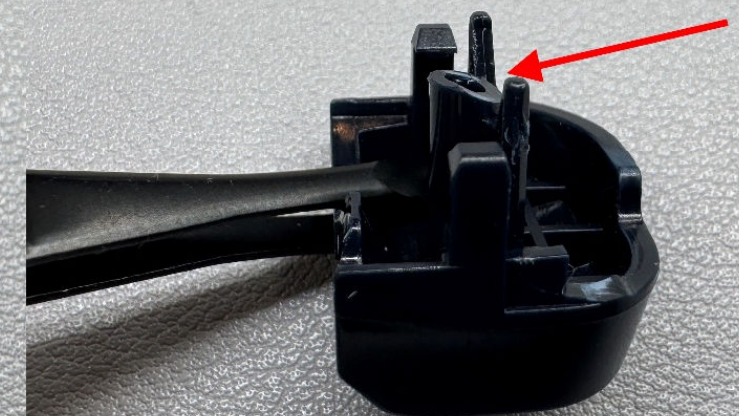
**Top Rounded
Edge of Button**

**Trim or sand only the top 2/3 of the cylinder, leaving
the lower 1/3 at the original height**

BEFORE

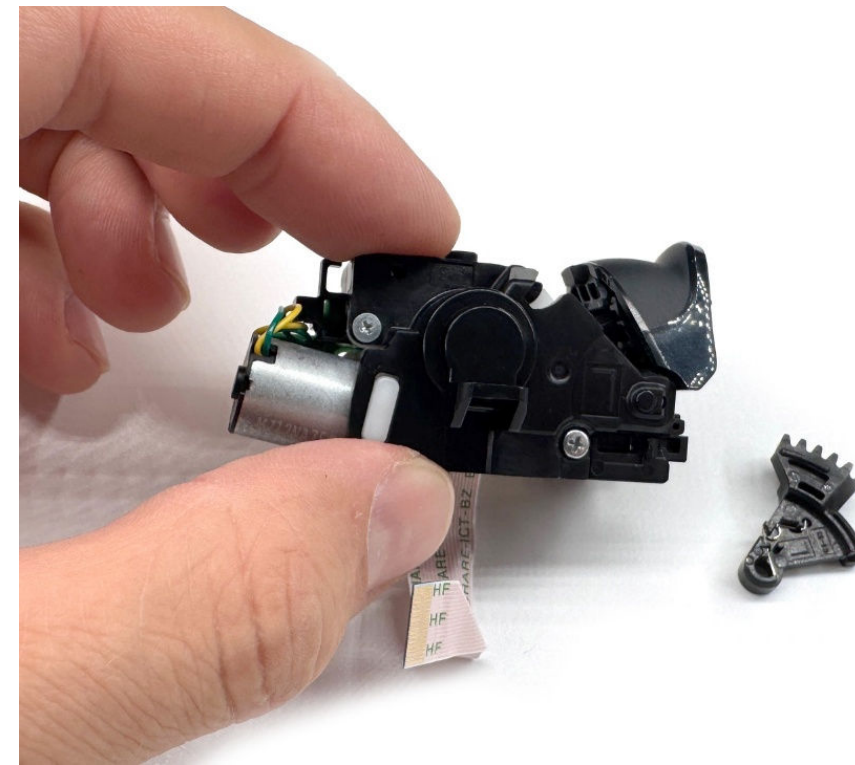
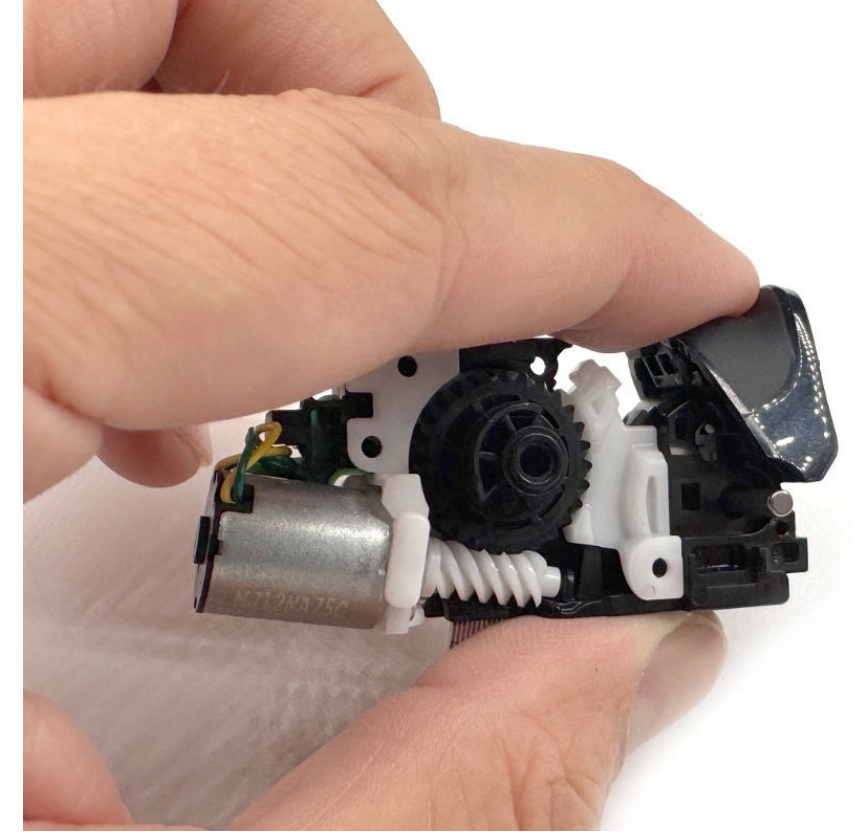
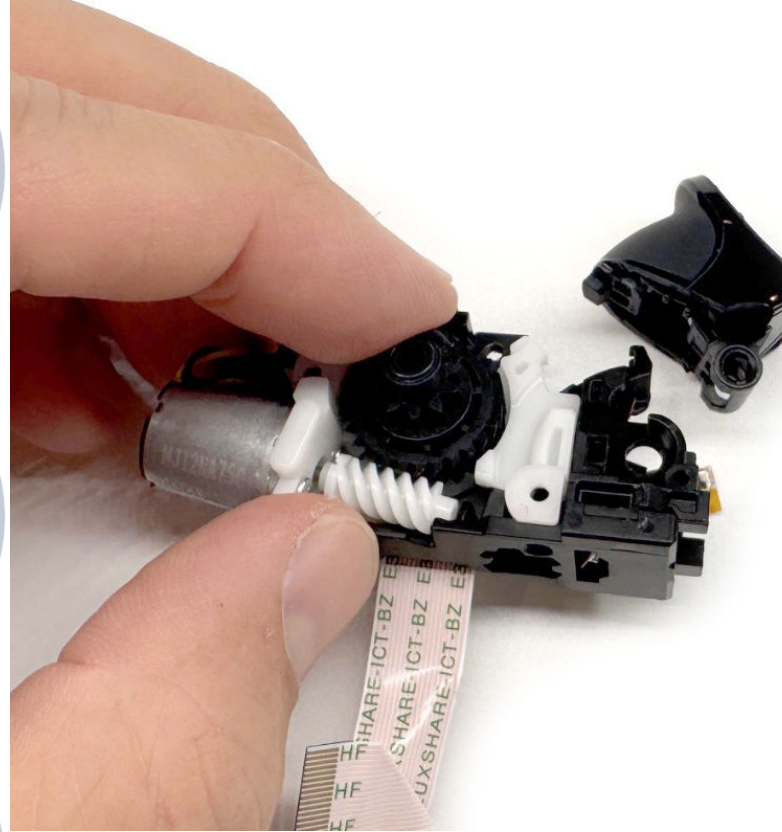


AFTER



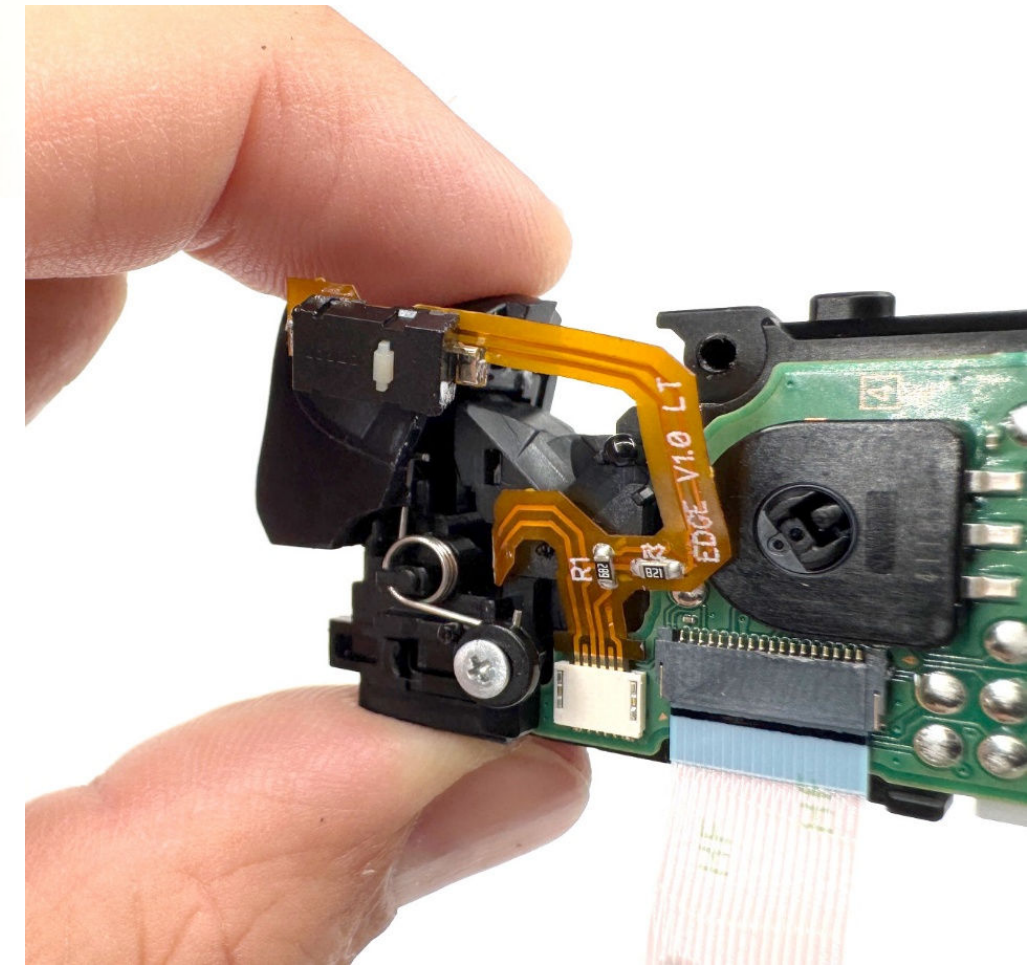
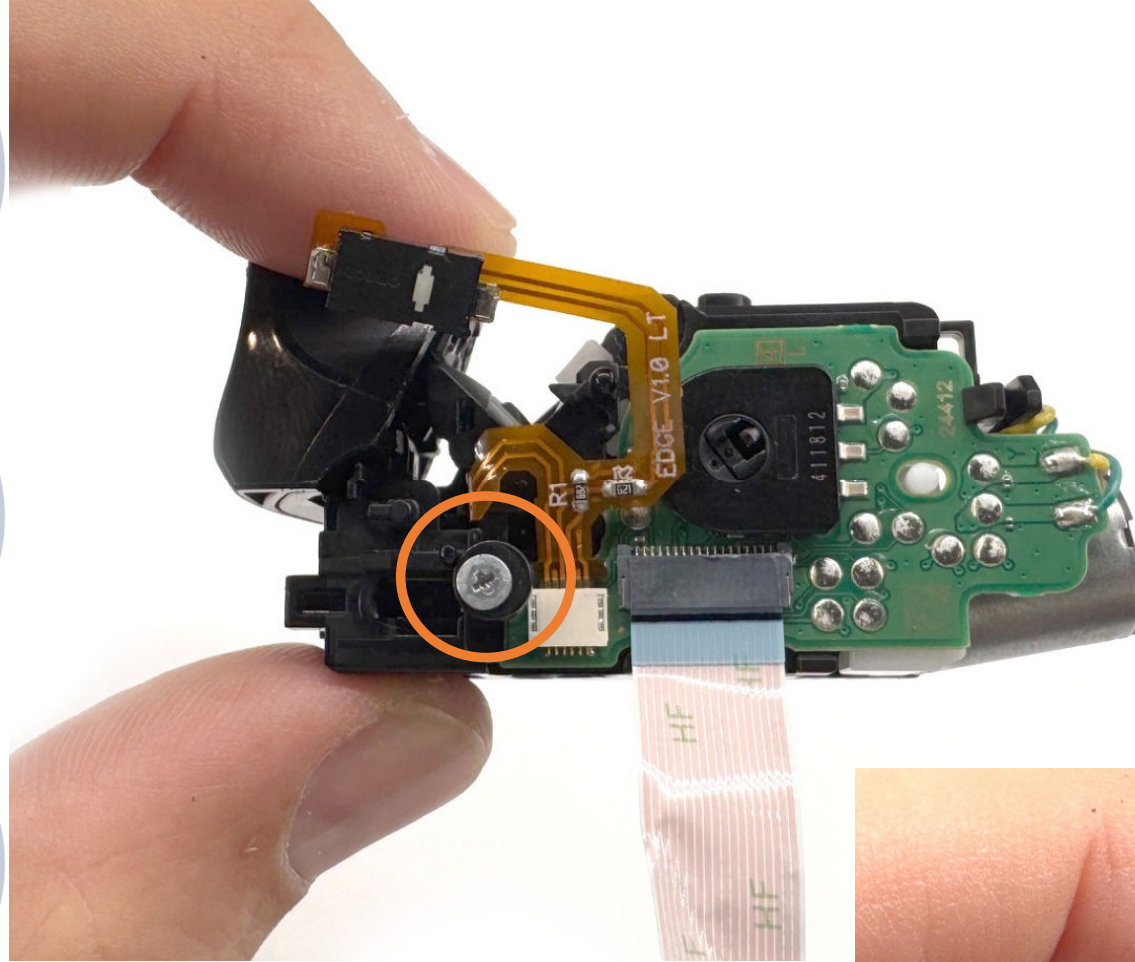
Installing the Mod Continued

- Reinstall the trigger by hooking it over top of the trigger module and rotating down into place.
- Line up the trigger with the hole for the trigger pin and reinstall the pin. Make sure the pin is full seated.
- Reinstall the cover over the gears. As shown, the small triangle shaped gear should be left out.
- At this point you can also test R1/L1 by installing the button. If it is stiff and does not click, check that you have removed the backing from the double sided tape and that the flex is laying flat inside the housing. Contact us if you still have trouble!
- Once tested remove R1/L1 again like you did in the beginning using a spudger or tweezers.



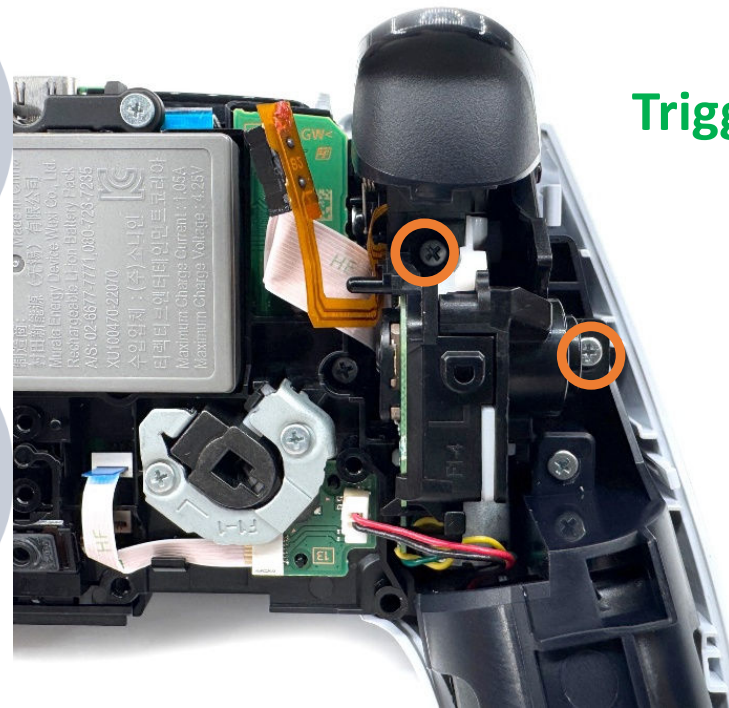
Installing the Mod Continued

- Reinstall the spring.
- To reinstall the spring on the left trigger module you must use the included plastic washer with the original lower screw. As you screw this in, press up on the bottom of the washer so it sits higher up and presses against the small bump to the left of the screw hole.
- This washer holds the lower portion of the left spring. This is not needed on the right-side trigger as there is a notch in the housing for the spring to sit in.
- When installing the spring first align the center of the spring around the small key shaped holder and place the lower spring leg in place. Then using tweezers or needle nose pliers, rotate the top leg of the spring and place it in the slot at the back of the trigger.

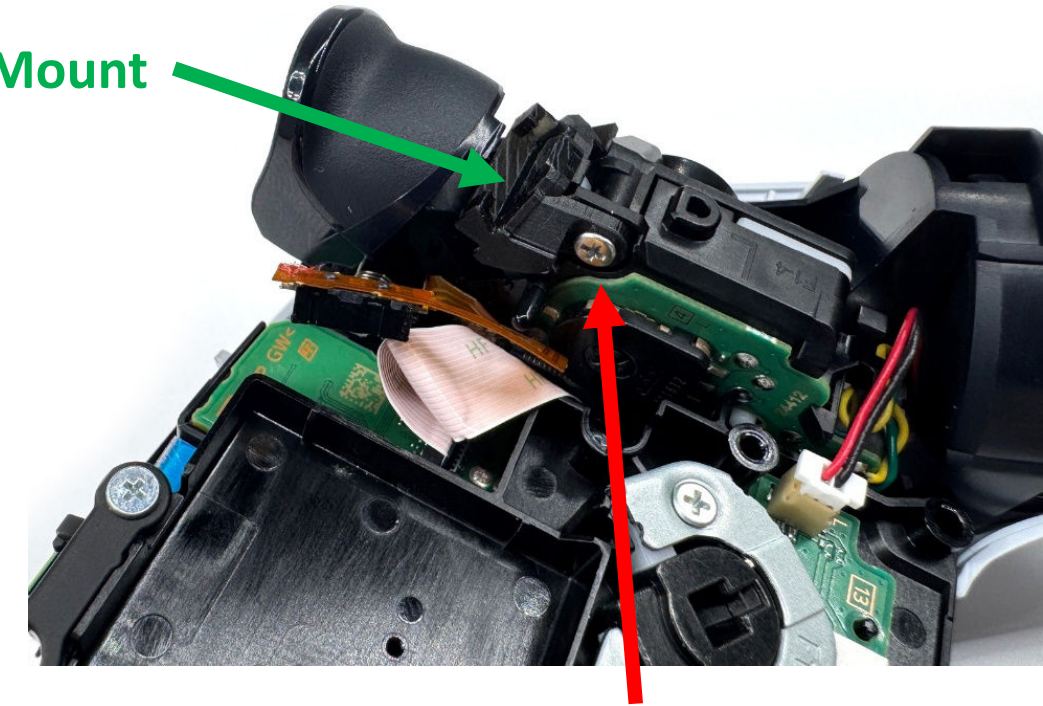


Installing the Mod Continued

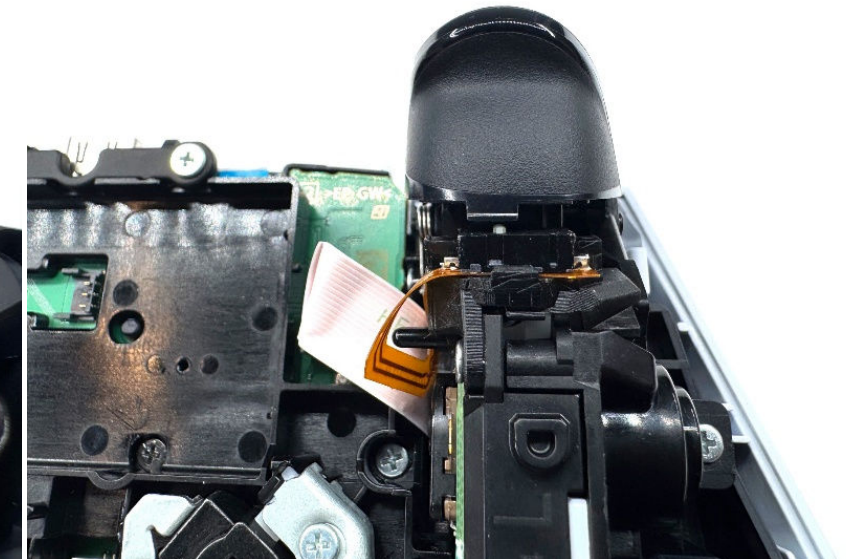
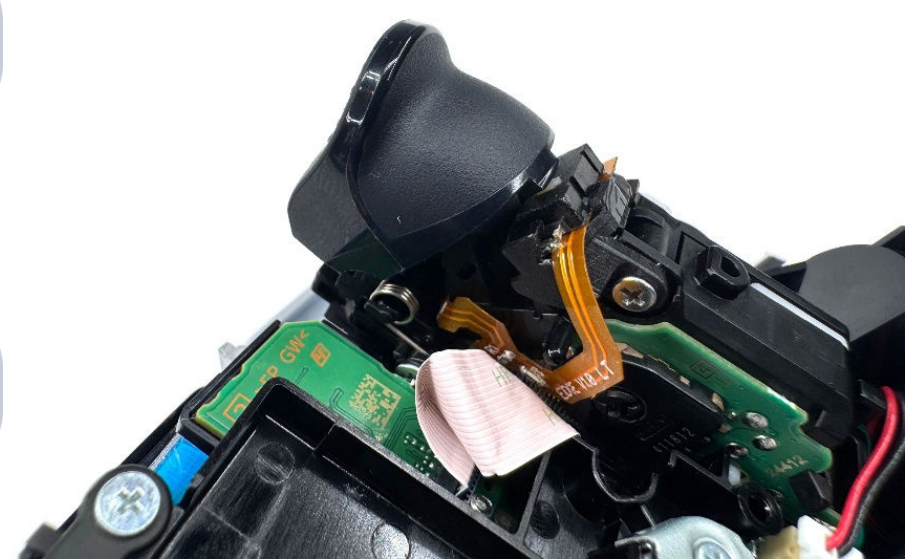
- Reinstall the trigger module by first plugging the ribbon cable back into the controller.
- Install the 2 screws to hold the trigger module.
- Next you must install the mount for L2/R2. These are labeled with an L or R on the back and will only fit properly on one side.
- Using the last screw from the module, screw the trigger mount into the upper screw hole as shown. The mount should lay flat against the housing and be parallel to the top edge of the trigger.
- Slide the trigger button into the mount ensuring that it fully seats past the small bump at the center of the mount.
- You should have a 1.5 – 2mm gap between the trigger and the button.



Trigger Mount



Screw



Finishing the Installation.

- Repeat the steps on pages 10-16 for the other trigger.
- You can now reassemble your controller following the previous steps on Pages 2-8 in reverse.
- Plug the rumble motors back in.
- Plug in the battery and reinstall.
 - **At this step you can connect and test your controller before finishing the assembly to make sure the new triggers are working properly. The battery must be connected for testing.**
- Install the back shell and replace the 9 screws.
- Reinstall the trim lever and spring.
- Install the 2 screws behind R1 and L1.
- Reinstall R1 and L1.
- Snap the bottom trim back in place.
- Reinstall the Thumbstick modules.
- Reinstall the thumbstick trim.

