Tools needed

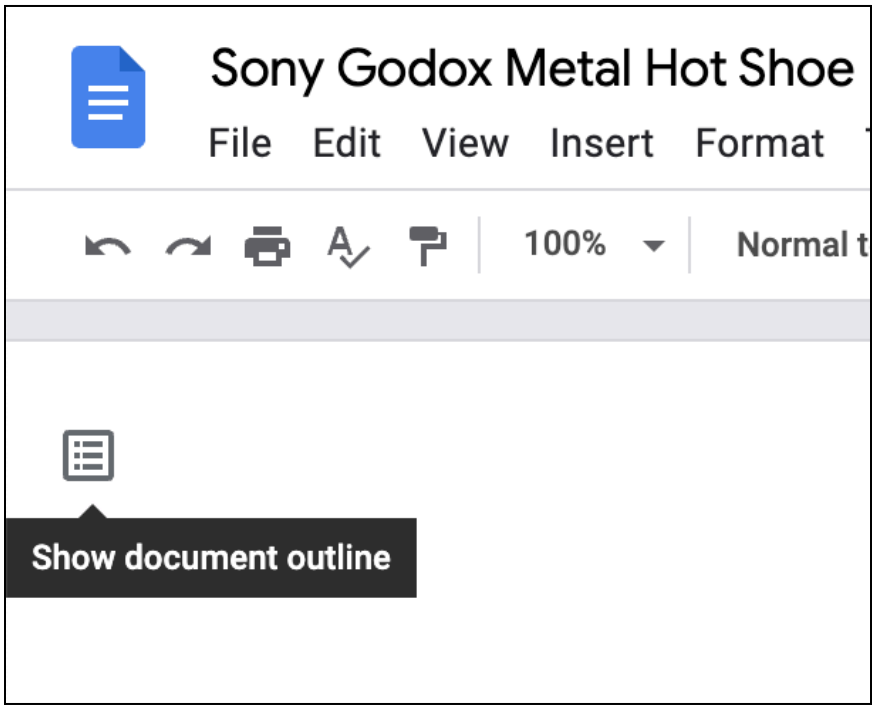
- ☐ Magnetic tray for screws / or non-magnetic tray is fine.
- ☐ A set of small MAGNETIC precision screwdriver bits. I used a 1/16” flat head on all of the disassembly.
    - ☐ Magnetic bits allow you to reassemble the tiny screws easily.
- ☐ If you don’t have magnetic bits, you need a tweezer to position the tiny screws into their respective holes for reassembly.

Items needed

- Replacement Godox speedlight shoe with Sony’s metal hotshoe. You can purchase either the replacement made for the V860III or V1 speedlight.
  I purchased them on AliExpress
    - Essentially, they’re all the same hotshoe encased in a different plastic housing, and I’ve replaced the hotshoe on all of the godox triggers and a V860II speedlight.

Recommendation

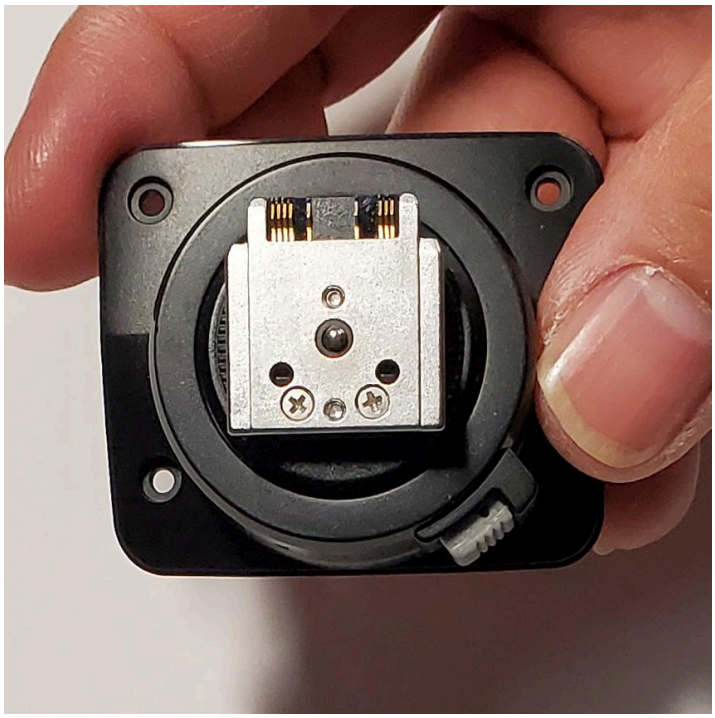
- Fine motor skills - I’ve worked on small projects so fine movements don’t make my hands shake. You can practice your motor skills by using a tweezer to pick up small objects and moving them slowly a few inches away and dropping them back down.
- Use the document outline to find the part you need.



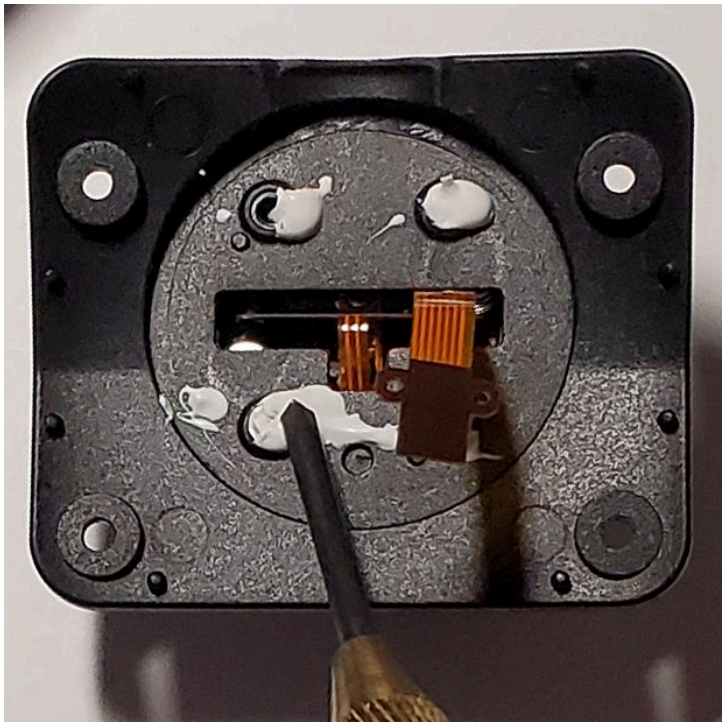
Disassembly of the Godox V1 Replacement Shoe

- Our goal here is to single out the metal hotshoe **only** and using it to put it in our triggers and speedlight with plastic shoes.

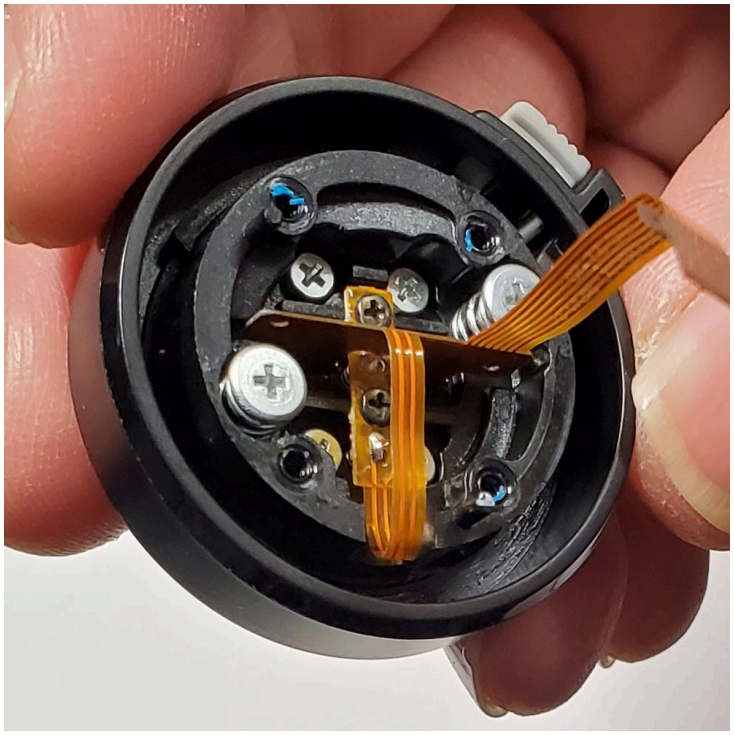
1. This is the replacement for a Godox V1. Remove the hotshoe cover.



2. Remove 4 screws covered in this white stuff. I didn't bother to remove the white stuff. I just jammed my screw driver bit into it and unscrewed them.

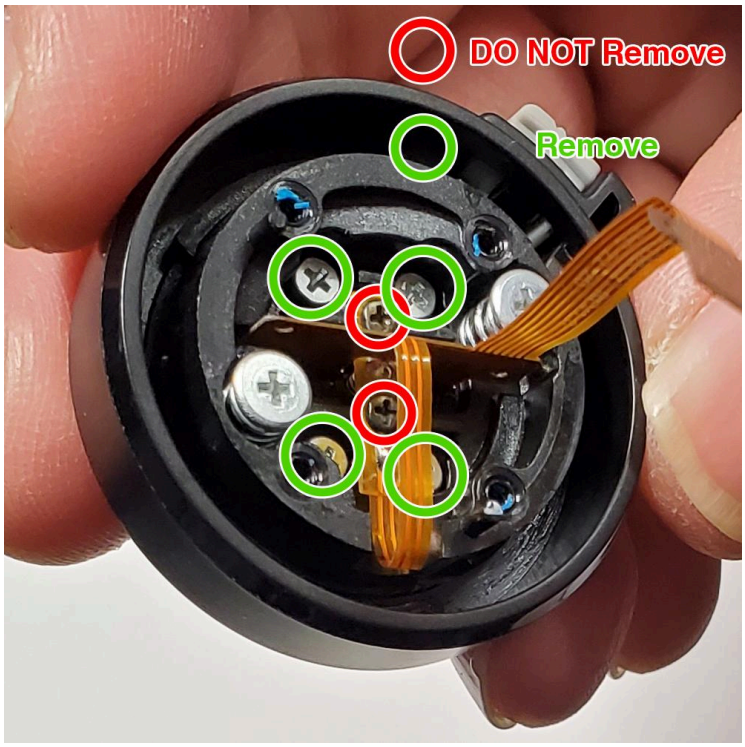


3. It should look like this after the screws and rectangular plastic is removed.

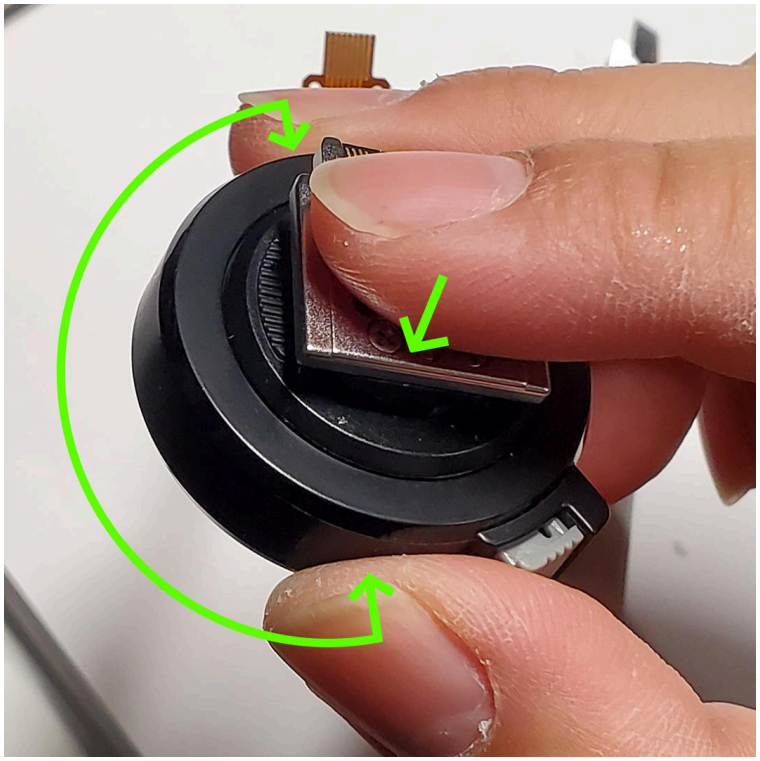


4. Next, we'll remove the 4 screws circled in green. DO NOT REMOVE the black screws circled in red. The reason is that reassembling it is a pain. Only remove the black screws circled red here if you want to replace the ribbon.

   Please note. Before removing the final screw circled green, you have to hold the hotshoe in a certain way so it doesn't fall apart and the small pieces scatter into oblivion.

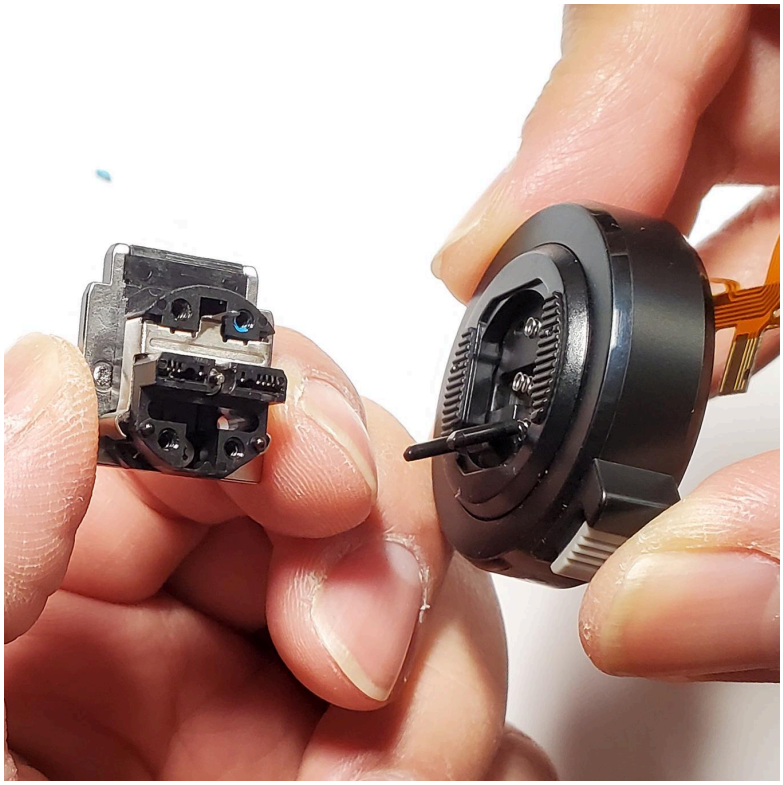


5. How to hold the piece before removing the last screw circled in green above. Two fingers on the circle plastic, one finger on the metal hotshoe.



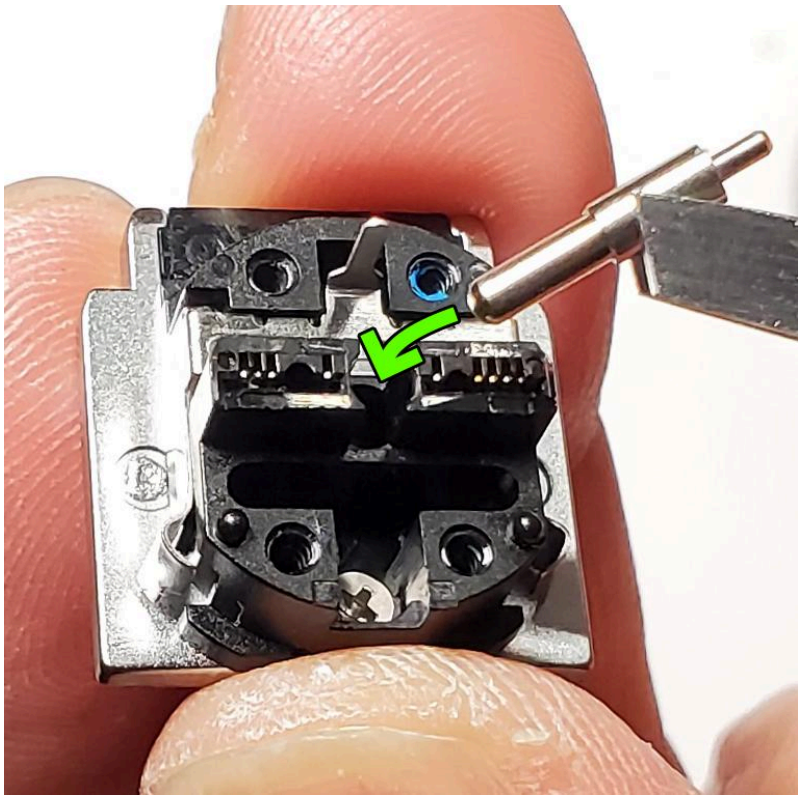
6. Once the 4th screw circled in green is removed, tilt the shoe so it's sideways like this.

7. Slowly pull apart the metal hotshoe from the plastic housing. Wiggle gently if you have to. The most resistance you'll face is the ribbon that's connected to the metal shoe.



8. There's a metal pin at the center of the metal hotshoe. In case it fell out, here's the correct orientation to put it back in.

   THIS is all you need to replace the plastic hotshoe in the speedlights and triggers.



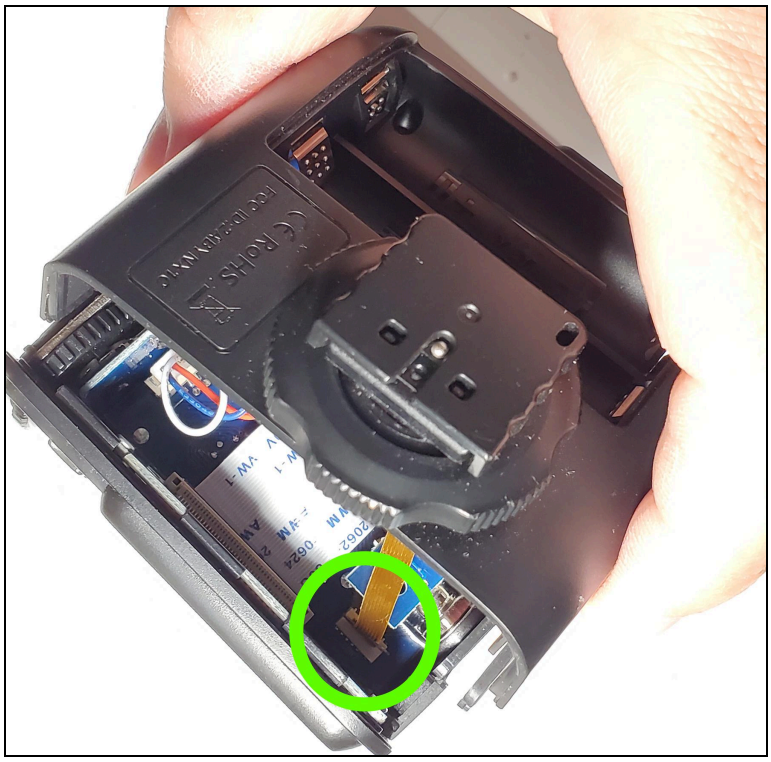
Godox / Flashpoint R2 TTL Trigger

1. Remove the battery cover, and remove the 2 screws here

2. Remove the 2 screws on the side.

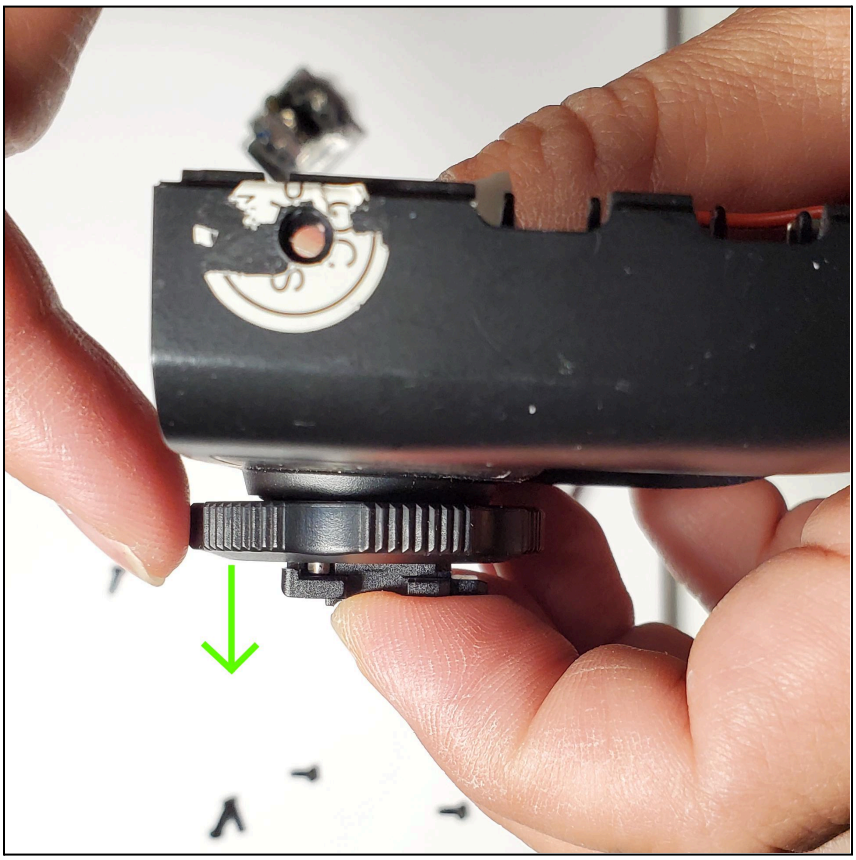
3. SLOWLY Pull apart the plastic covers. Becareful so that the power buttons don't break off. Becareful not to yank on the ribbons and wire inside.

4. At the rear of the device, the hotshoe ribbon is connected here. Use your fingers to hold the ribbon and pull it up and out. If your fingers can't access the ribbon, you can wrap cloth / tissue around the points of a tweezer to pull the ribbon up and out.

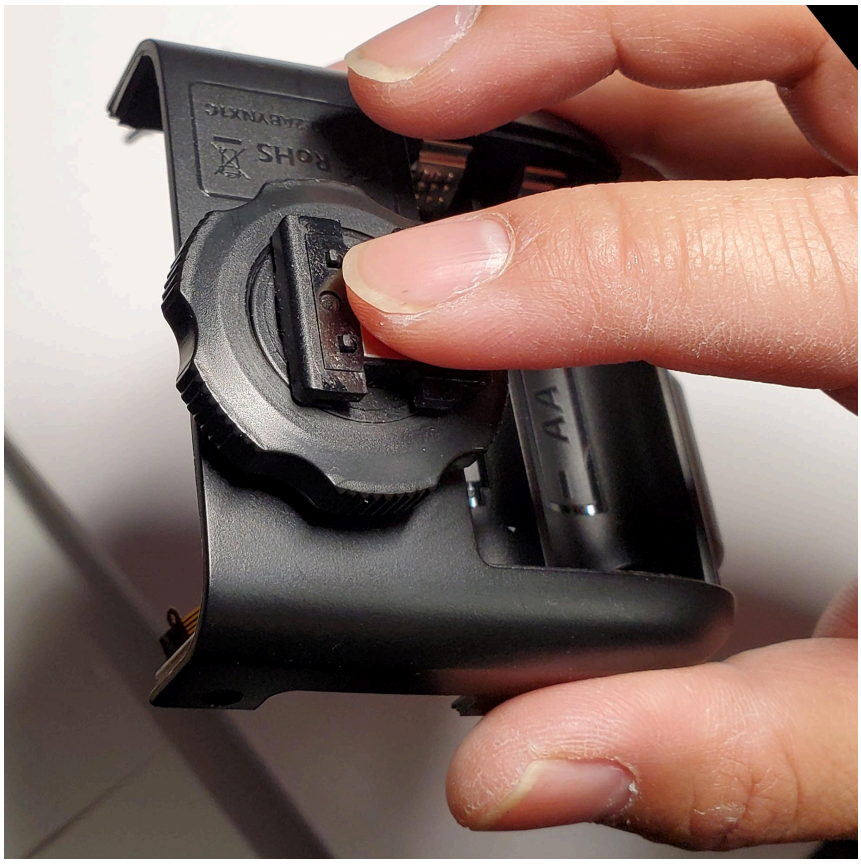


5. At the power button side, there's a power connection. Gently pull it up and out. I simply pinched my fingers on the wires and pulled out the connection.
   You don't have to worry about the orientation of the connection when you put it back in, because it's directional. You can't install it wrongly.

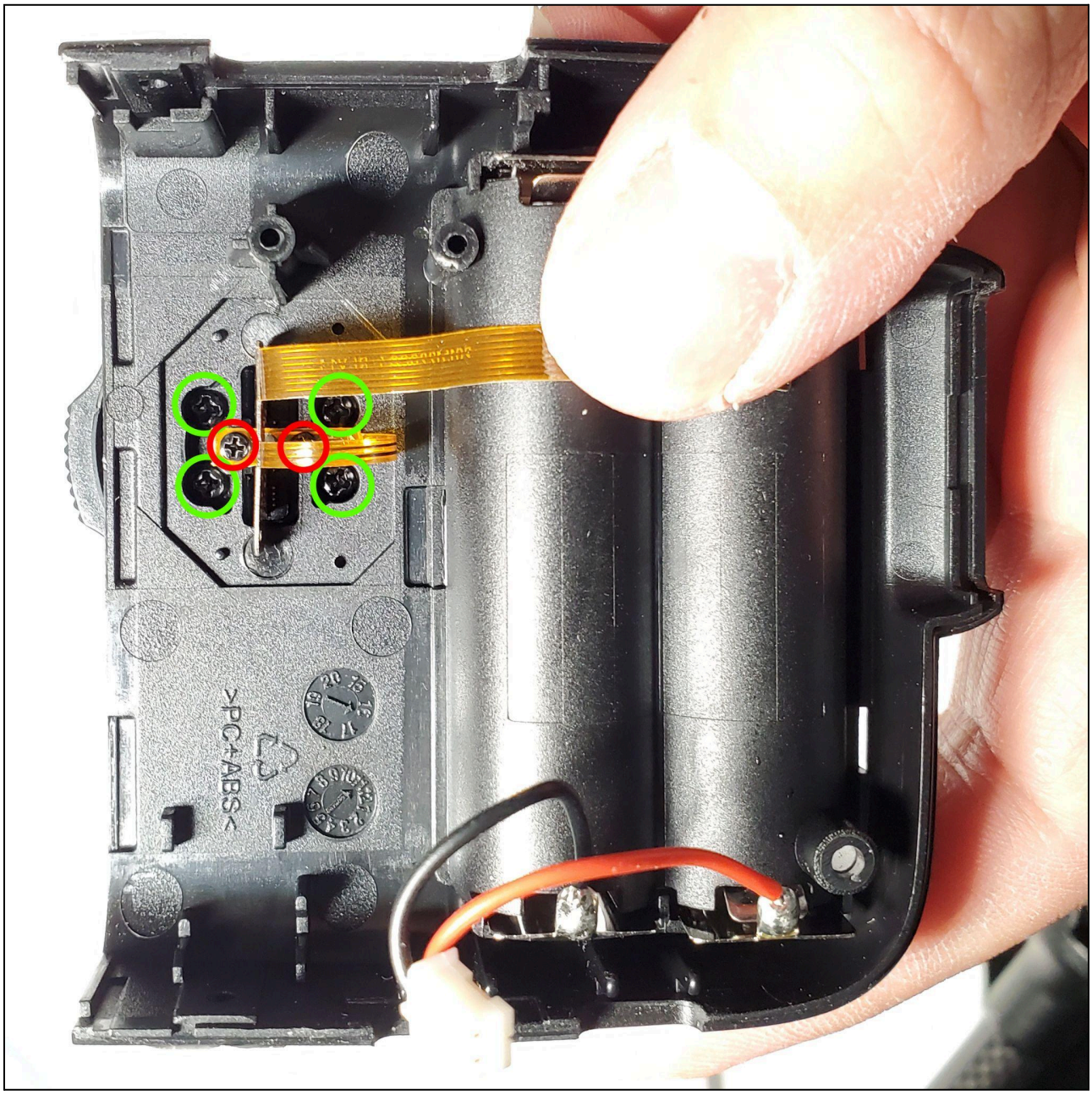
6. Let’s work on the plastic cover that contains the hot shoe. Rotate the locking wheel so that it lightly stops at the hotshoe.



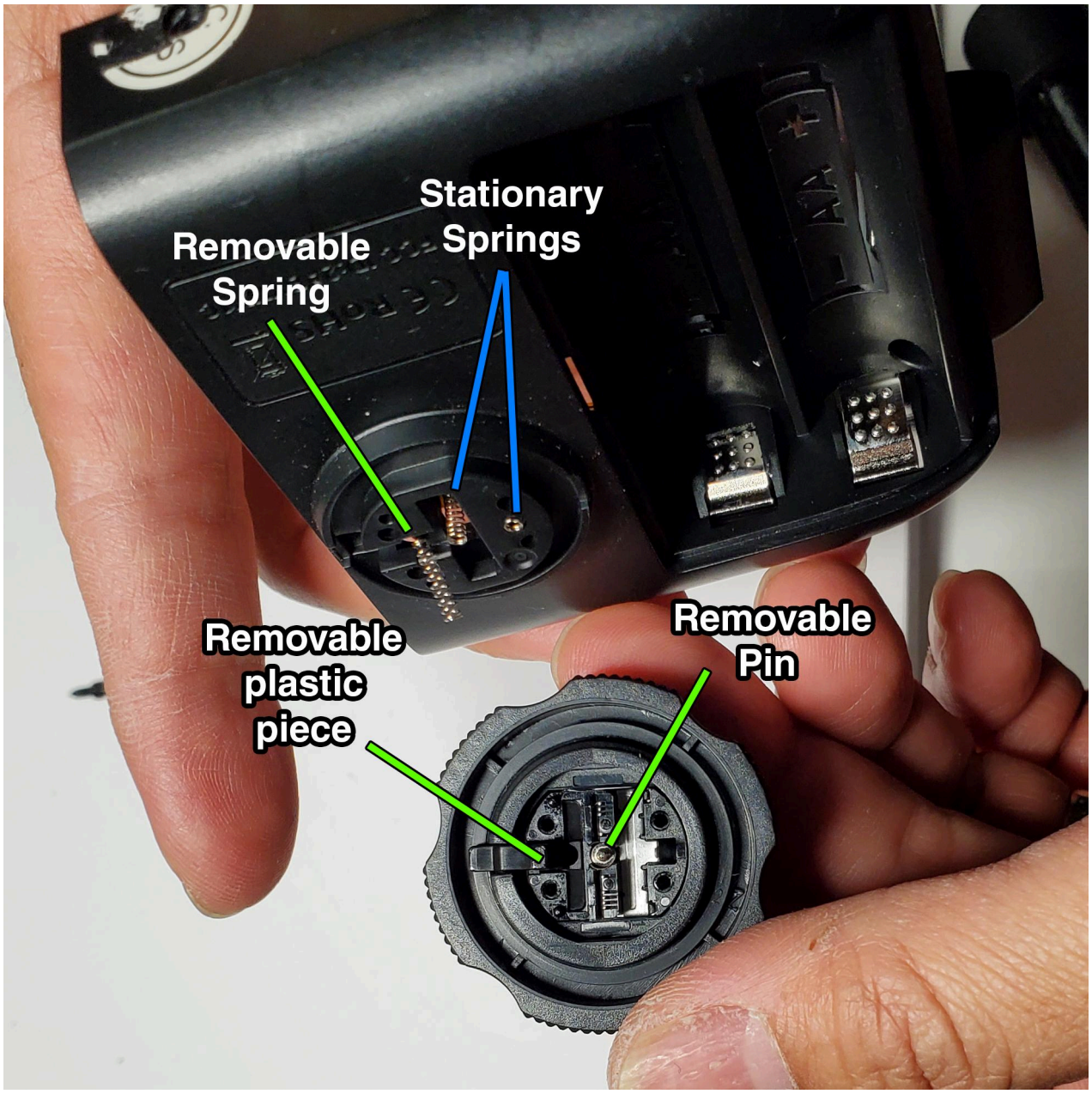
7. Before removing the plastic hot shoe, I would support the plastic hot shoe with a finger so it doesn’t drop out.



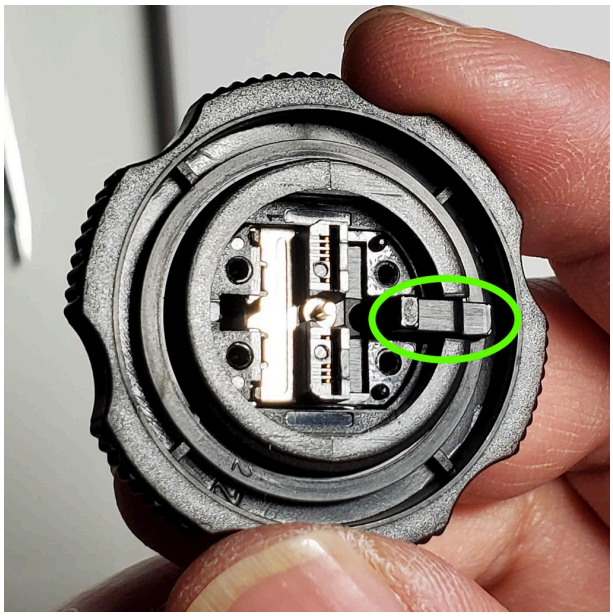
8. Remove the 4 screws circled in green. DO NOT remove the 2 smaller screws circled in red.



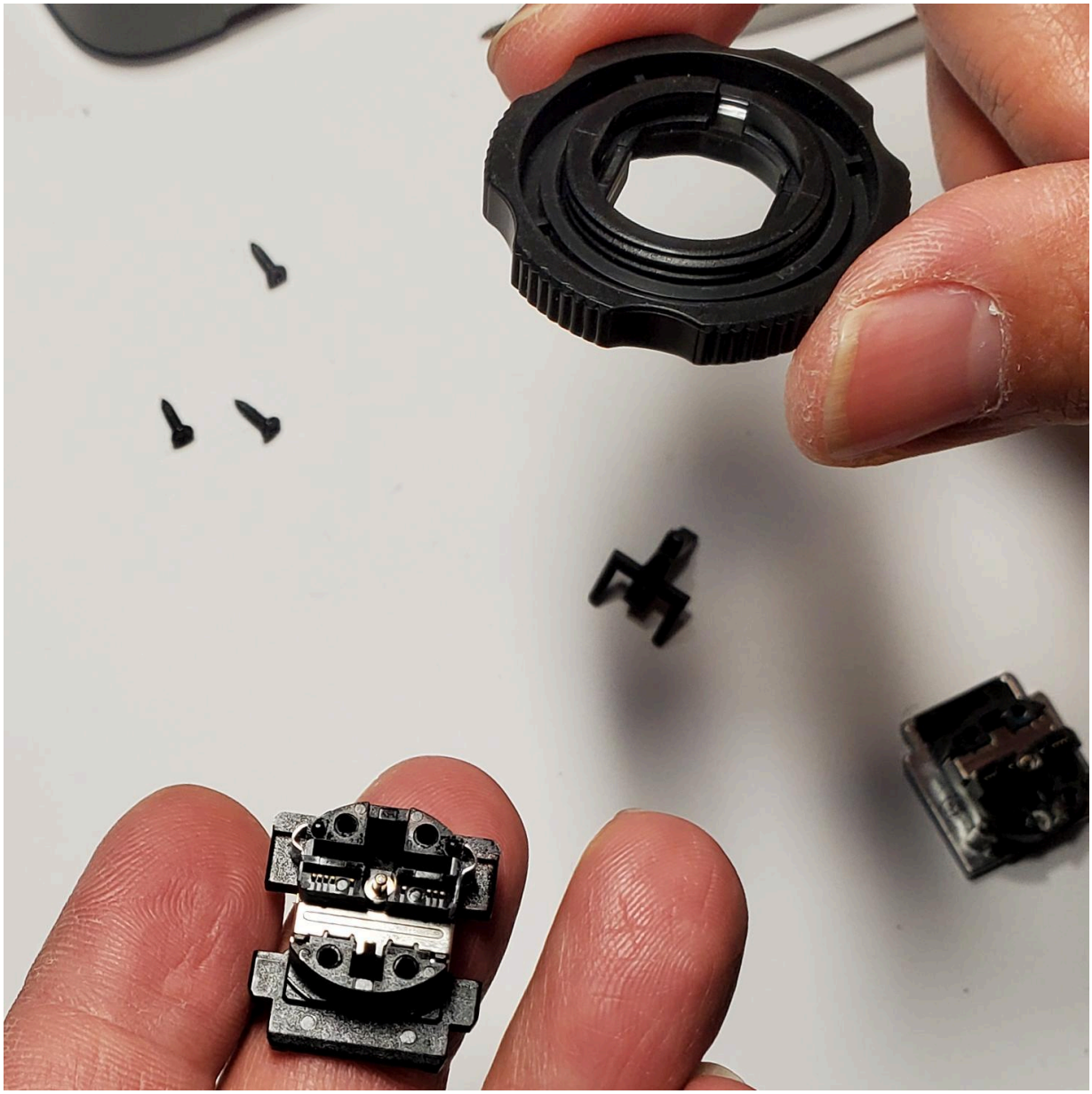
9. Once the 4 screws are removed, turn the assembly sideways and pull out the plastic hot shoe. You may encounter minor resistance because the ribbon is being detached from the plastic hotshoe as you separate these two pieces.
   According to the picture below, a few removable items may fall out, but it can be easily put back during the reassembly.


Removable Spring
Stationary Springs
Removable plastic piece
Removable Pin

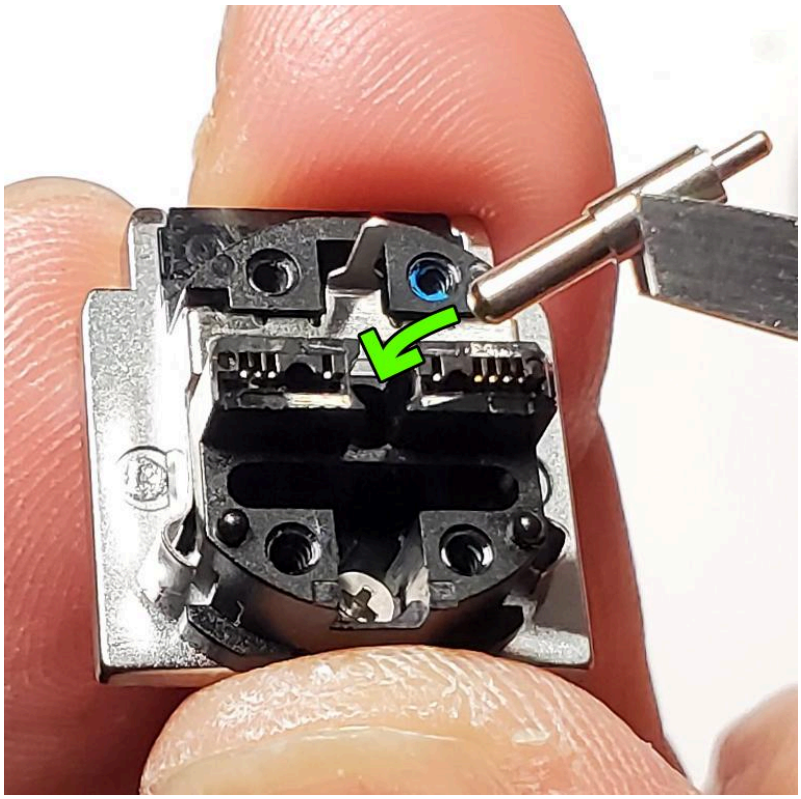
10. Remove the plastic piece here.



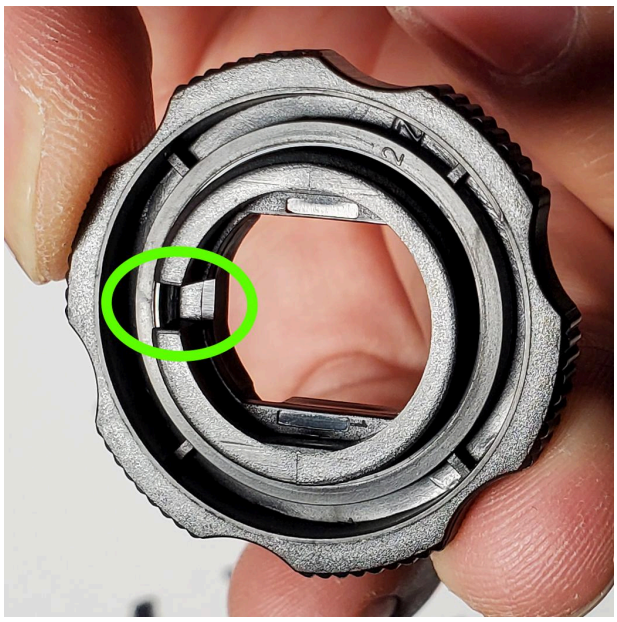
11. Separate the plastic hotshoe from the circle piece.

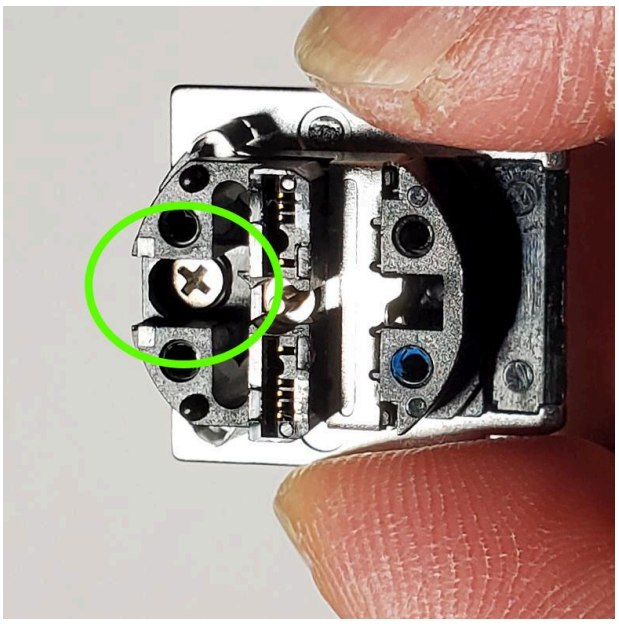


12. Take the metal hotshoe and prepare to install it into the trigger assembly. If the center pin fell out, this is the orientation to put it back in.



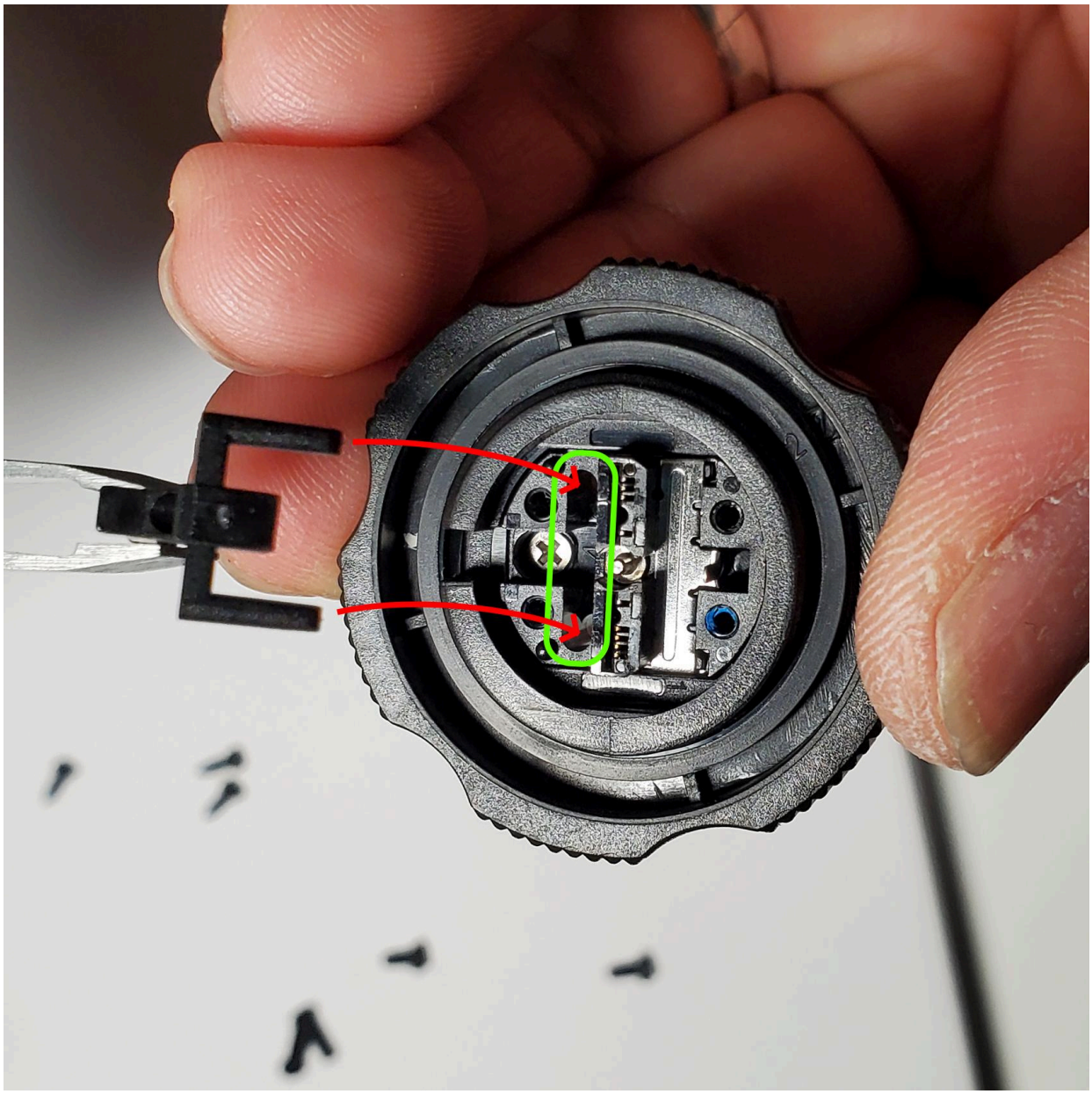
13. Take that round circle piece, do you see the notch there?
    The metal hotshoe also has a notch.



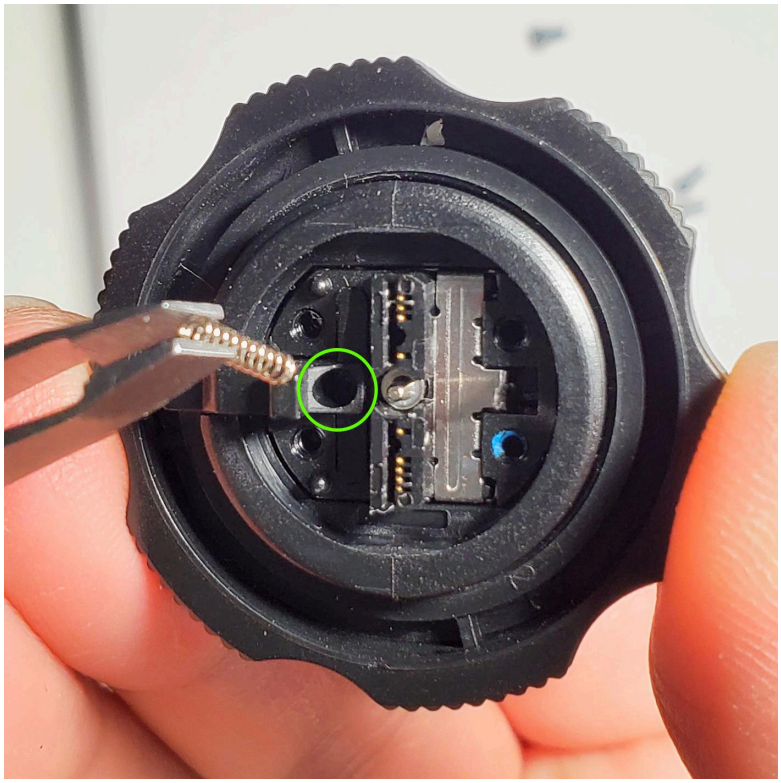


14. Insert the metal hotshoe into the plastic piece so that the notches align.

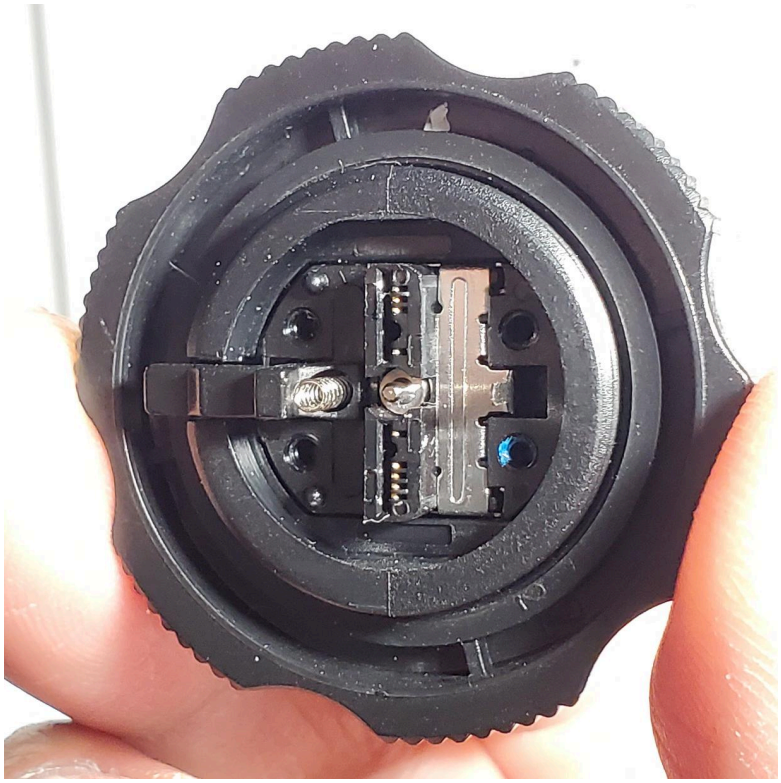
15. There is a hole circled in green, put the plastic fork piece into there. It may be snug, so push it down so it’s as flushed as can be.



16. Remember the removable spring in step 9? Take it and insert it into the hole of the plastic fork piece.

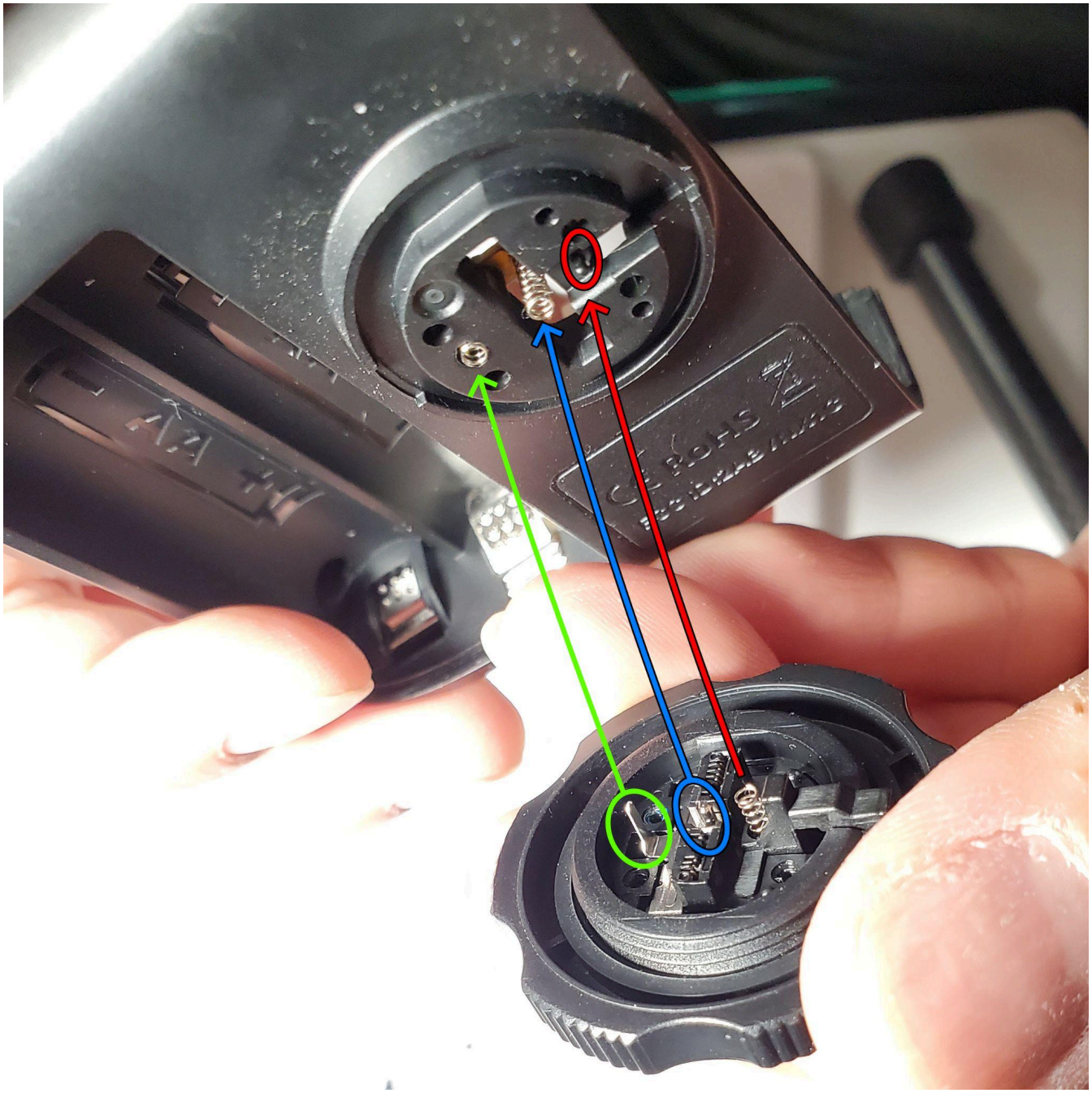


17. It will look like this

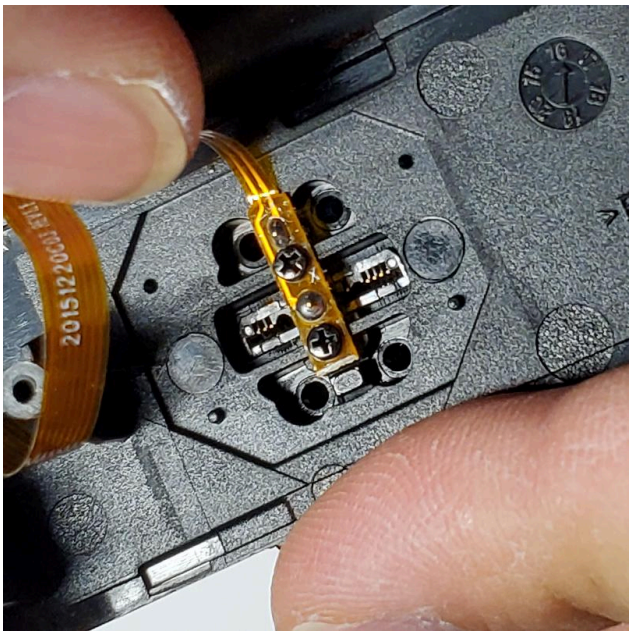


18. Now we'll take this metal hotshoe assembly and combine it with the lower piece of the flash trigger.
    Notice the GREEN line. There's a metal prong that must go INTO the spring here.
    Notice the BLUE line. The center pin must go INTO the spring here.
    Notice the RED line. The spring must go into the black plastic pin here.

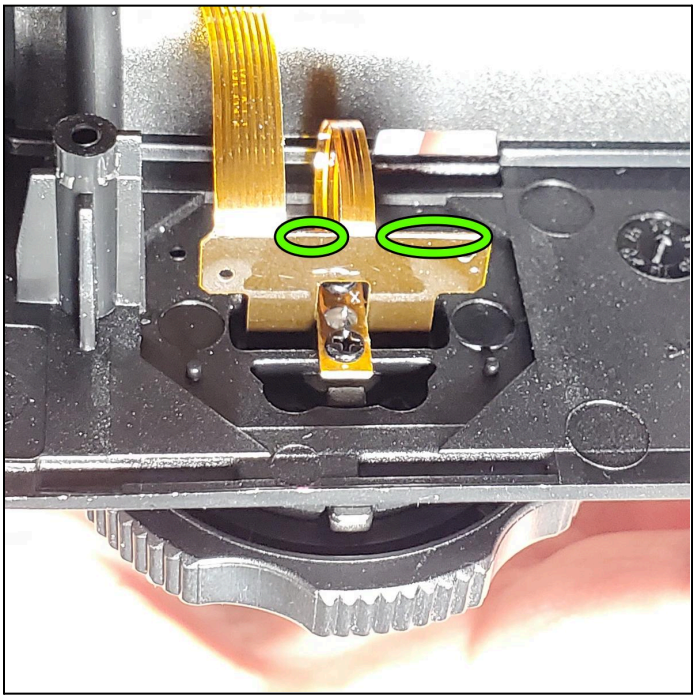
My tip is that I mostly aim to get the GREEN line's prong into the center of the spring and the rest kind of lines itself up.



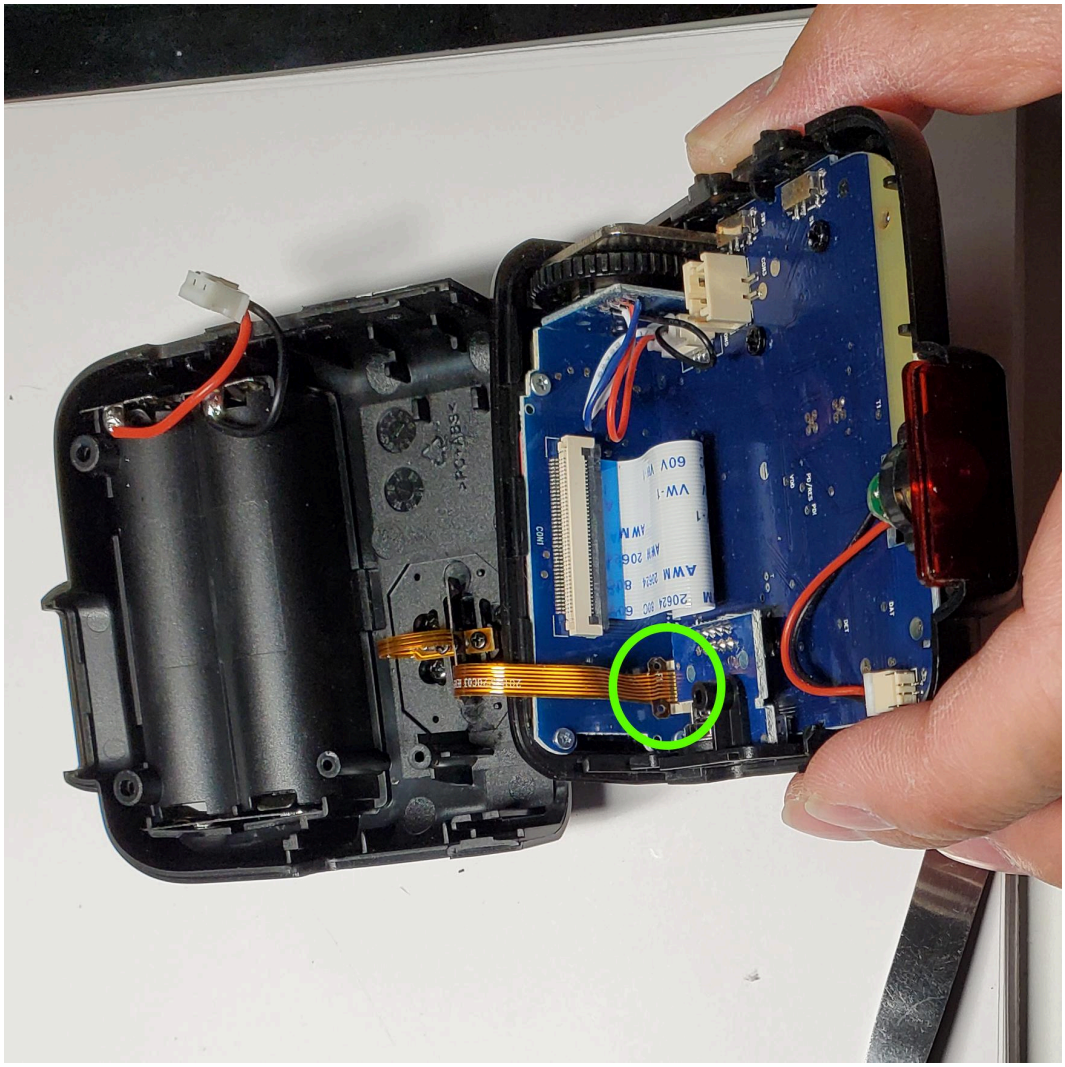
19. Place a finger on the metal hotshoe so it doesn't fall out. Then screw on the 4 screws. To hold the hotshoe assembly.



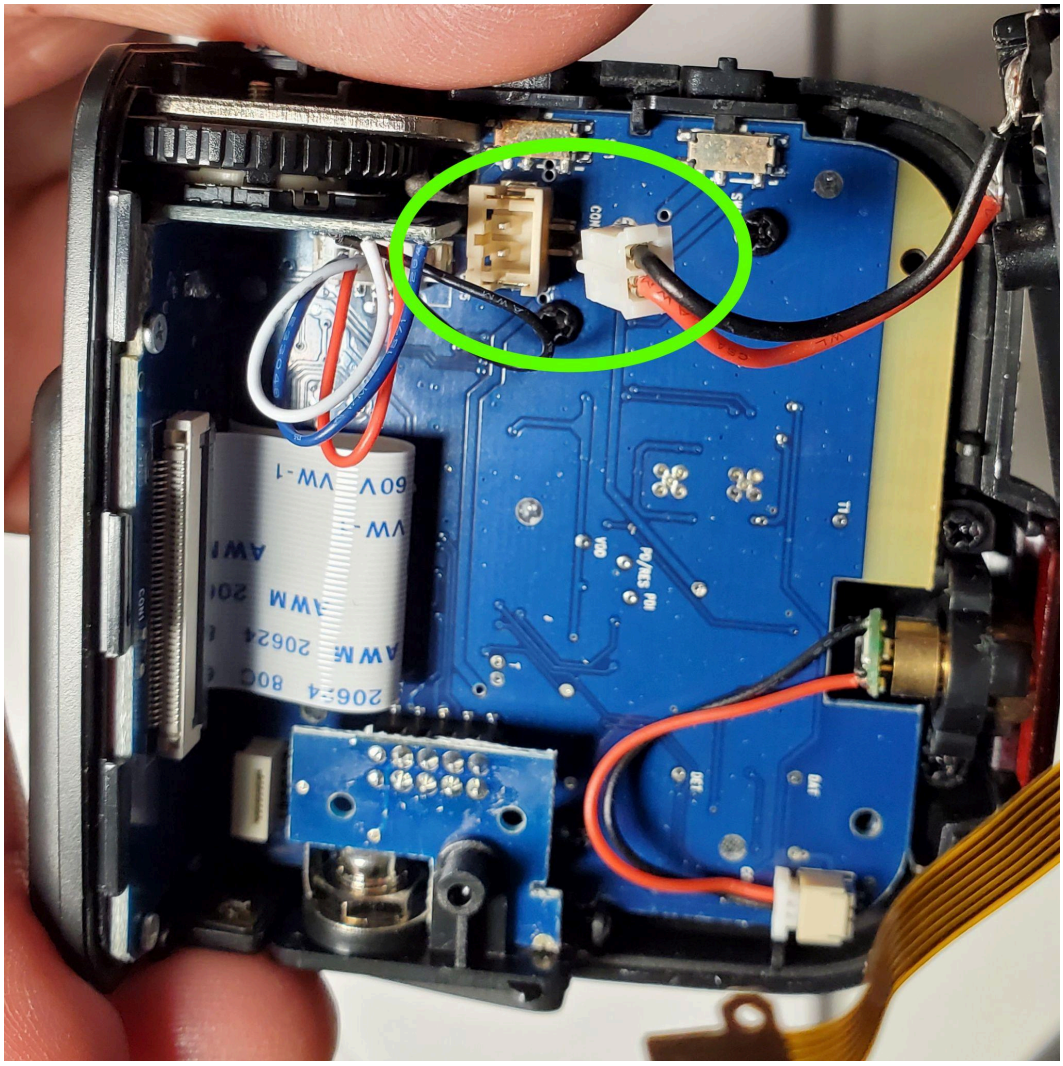
20. Install the ribbon that goes into the metal hotshoe. I alternated between these two green points to push the ribbon into place. Do so gently so you don't damage the ribbon.



21. Install the smaller ribbon.



22. Install the power connector. The connector is directional so you can’t install it incorrectly.



23. Complete the assembly.

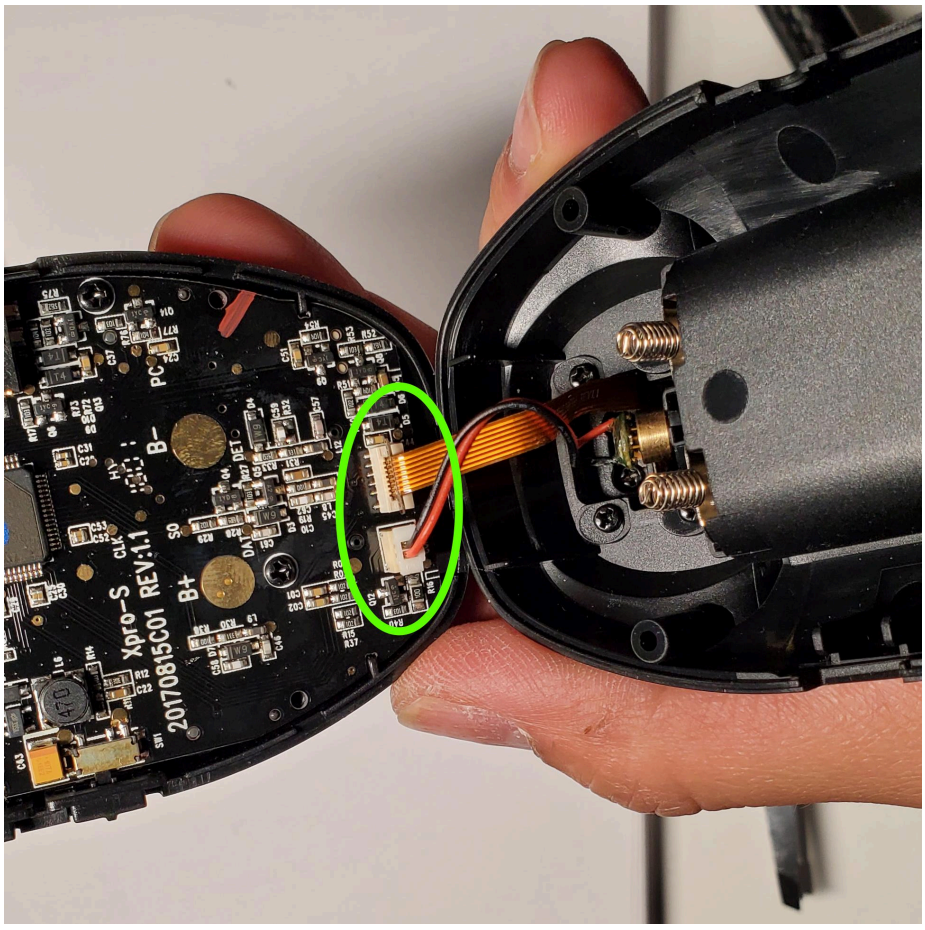
Godox / Flashpoint R2 Pro Trigger

1. Rotate this circle thing so that it touches the plastic hotshoe. No need to use any force.

2. Remove the 2 screws here.

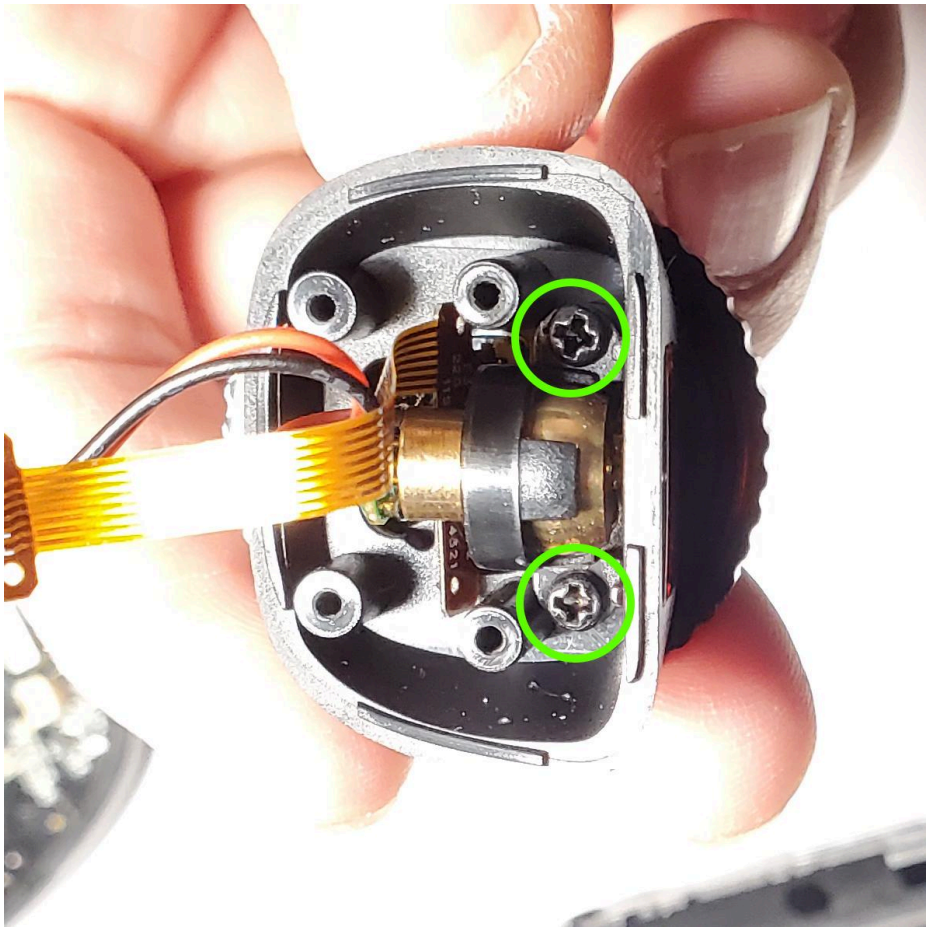
3. Pop open the trigger like so.

4. Disconnect the ribbon and power connector.

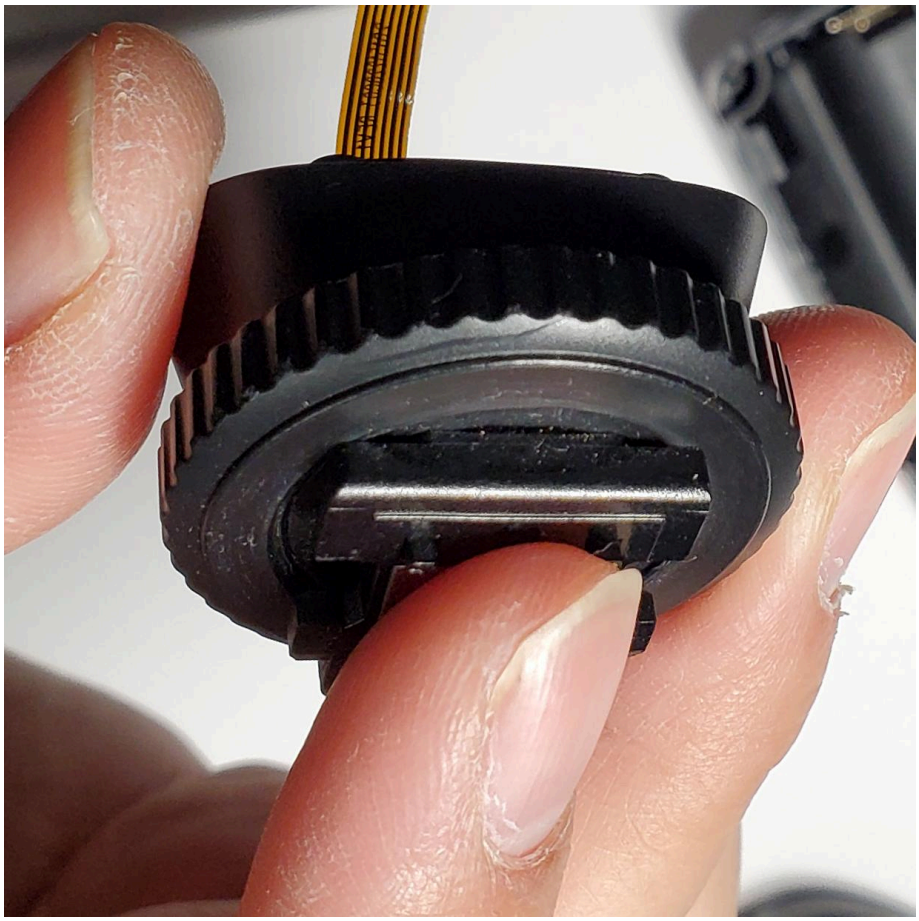


5. Remove the 4 screws

6. Remove these two screws and take out the light assist piece.

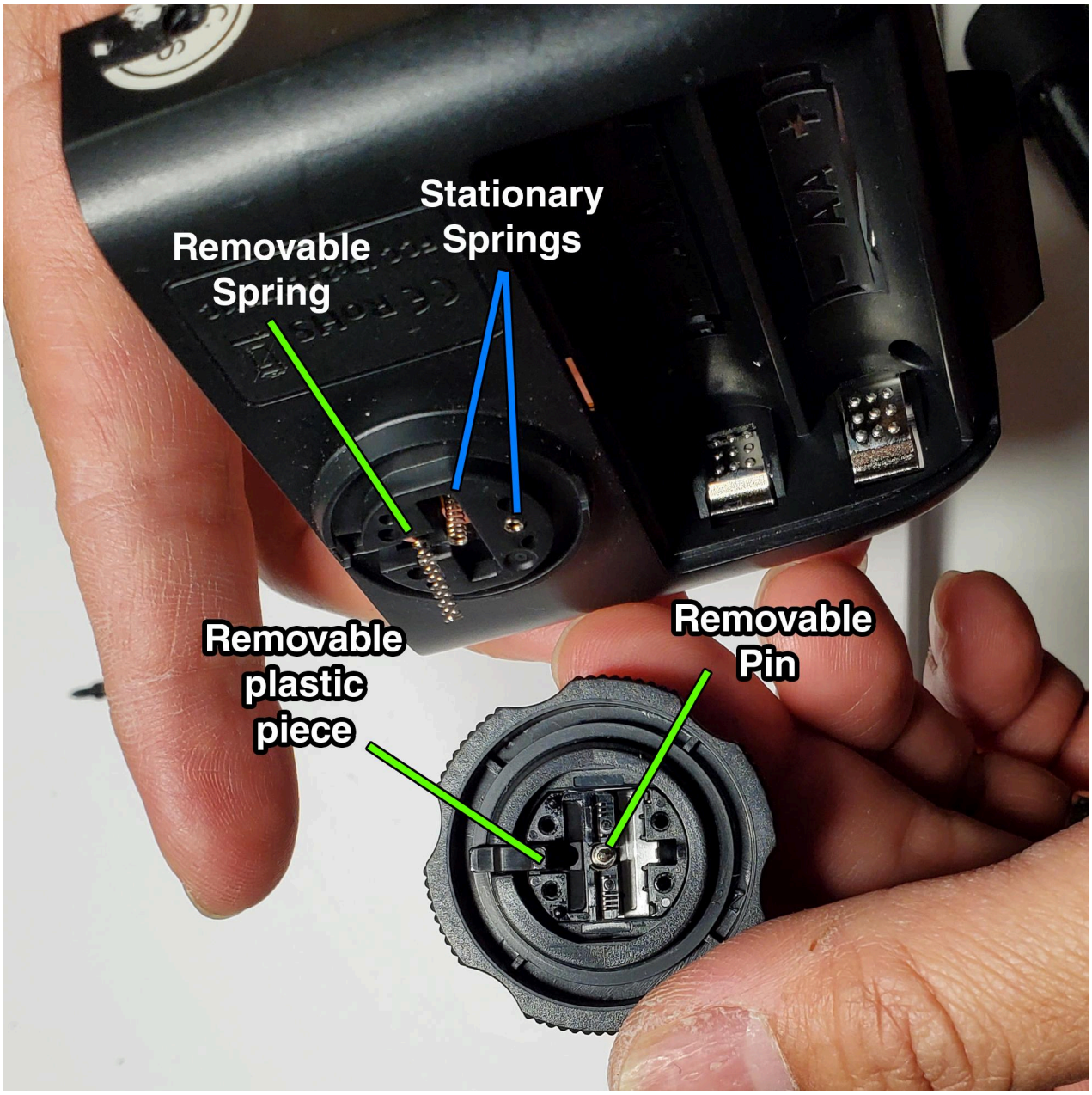


7. Put in a finger on the plastic hotshoe like this, so in the next step, the plastic hotshoe doesn’t fall out uncontrollably.



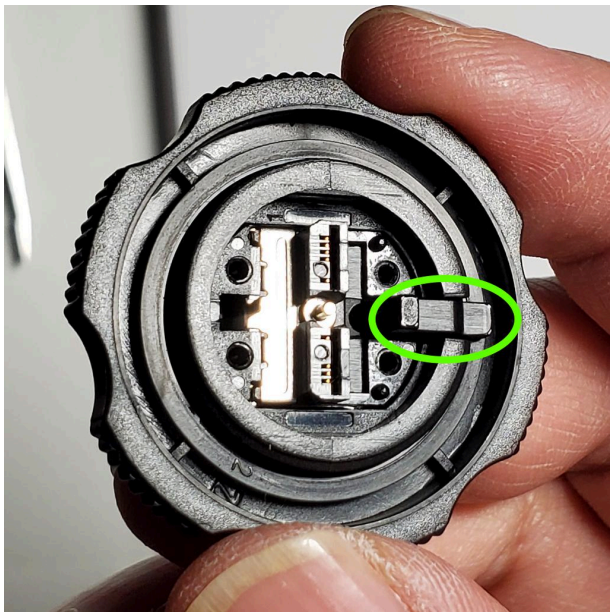
8. Remove only the screws circled in green. DO NOT remove the screws circled in red.

9. Hold the assembly side ways and separate the plastic hotshoe slowly. You'll encounter some resistance because you're also separating the ribbon attached to the plastic hotshoe. I forgot to take a picture, but once separated, the assembly will look similar to this.

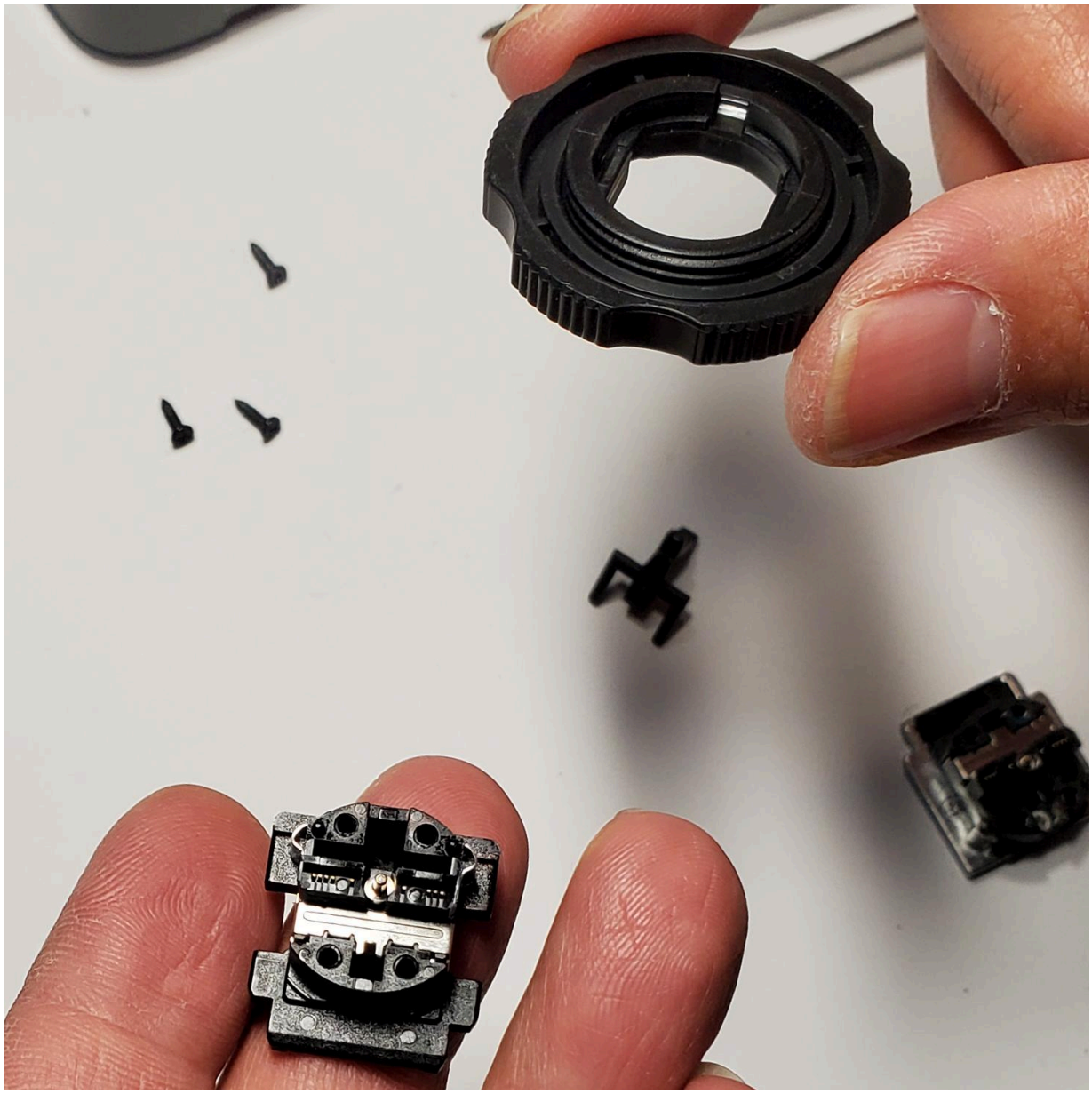


10. I’m going to copy the instructions from another trigger because it’s the same.

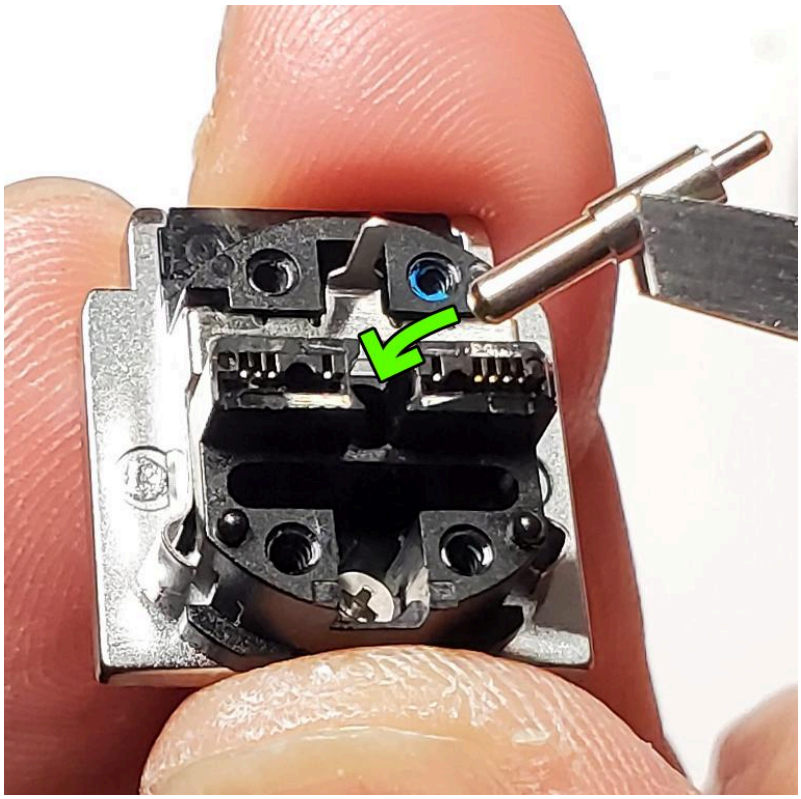
11. Remove the plastic piece here.



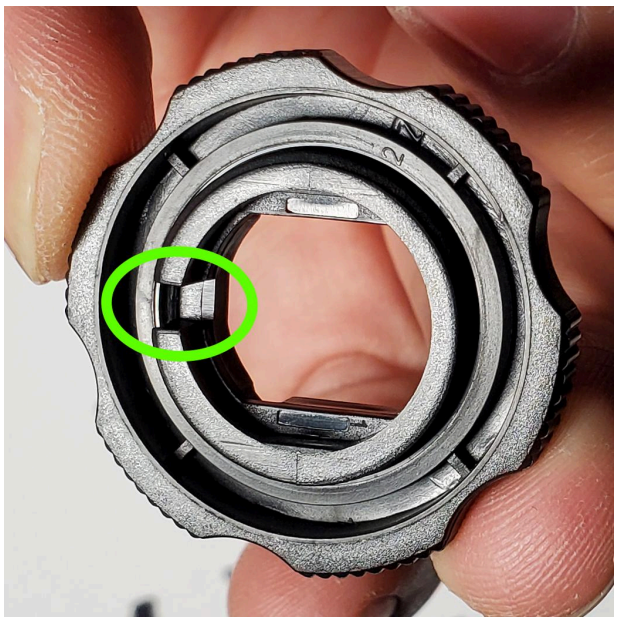
12. Separate the plastic hotshoe from the circle piece.

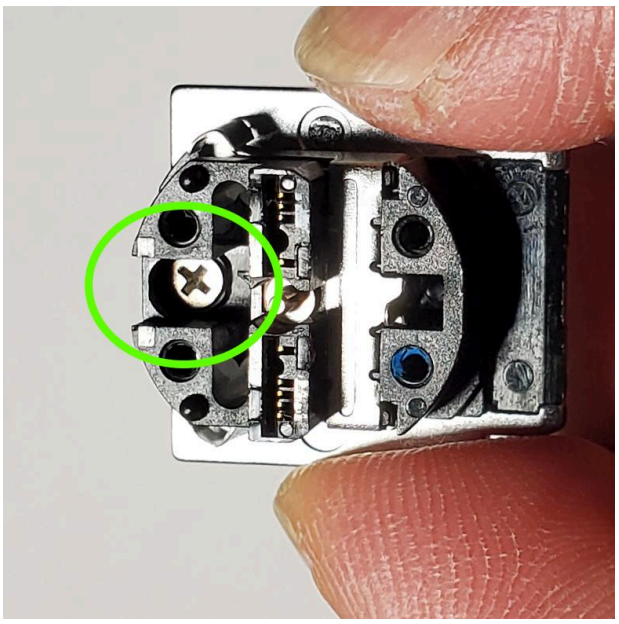


13. Take the metal hotshoe and prepare to install it into the trigger assembly. If the center pin fell out, this is the orientation to put it back in.



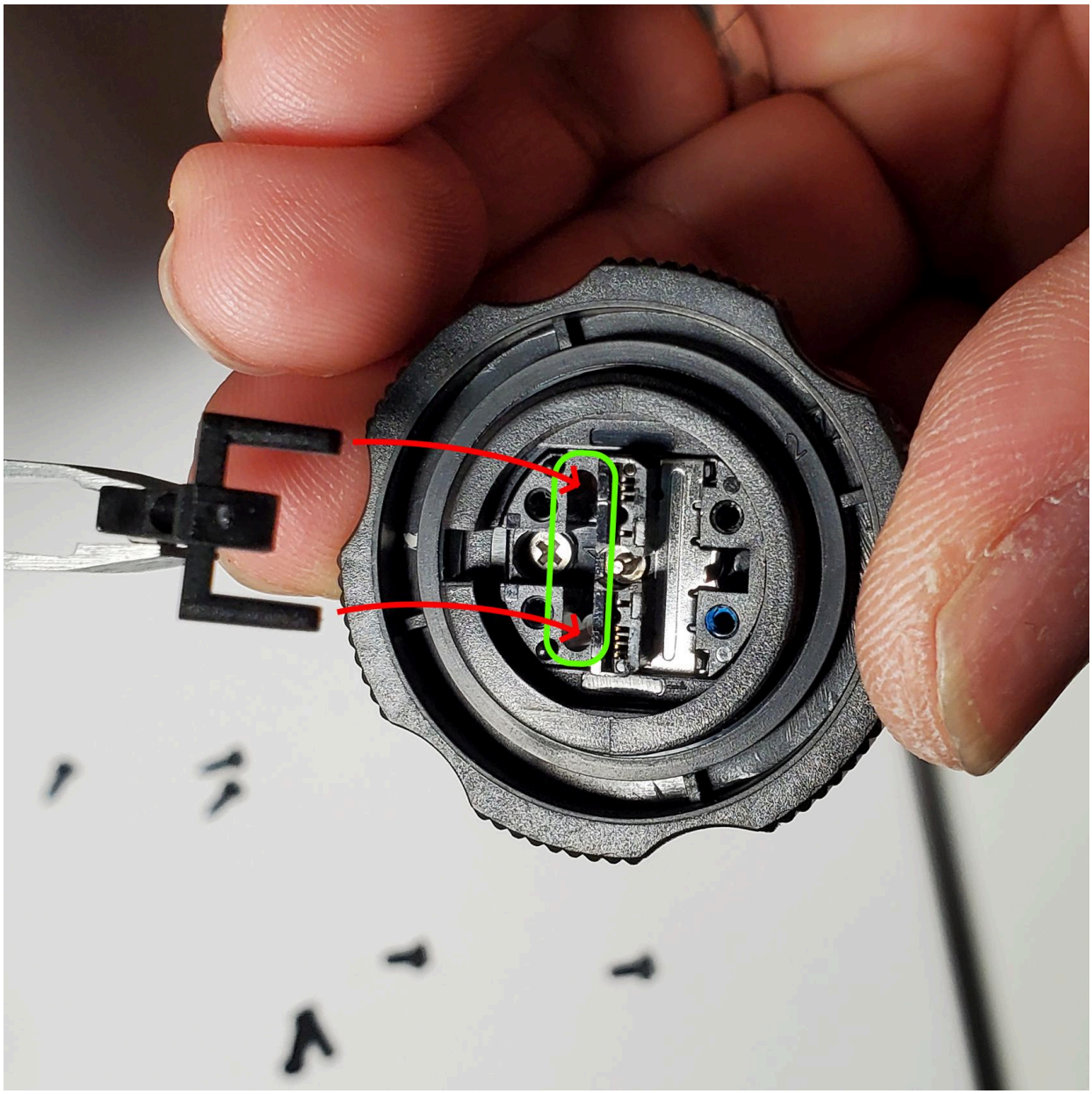
14. Take that round circle piece, do you see the notch there?
    The metal hotshoe also has a notch.



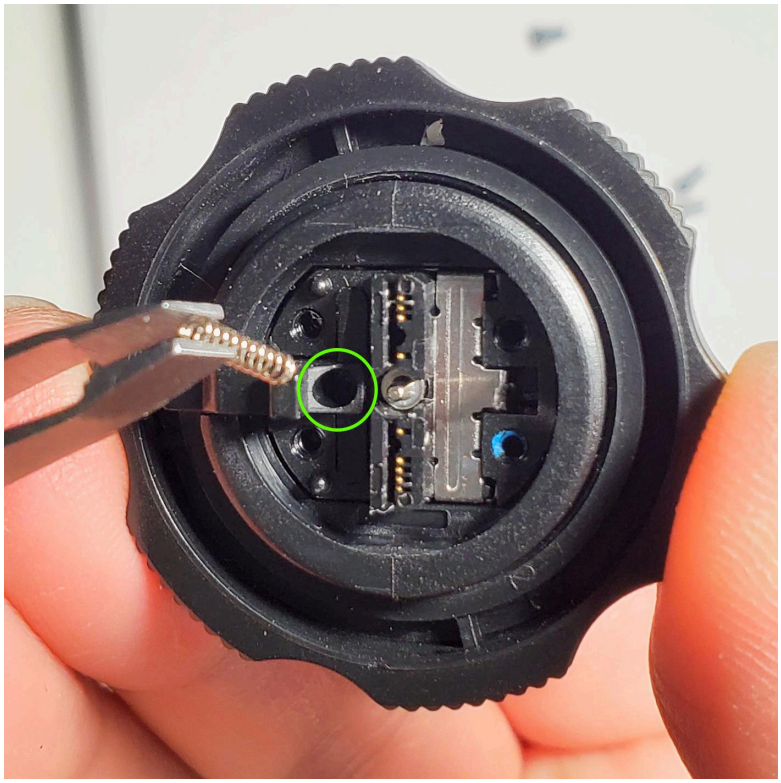


15. Insert the metal hotshoe into the plastic piece so that the notches align.

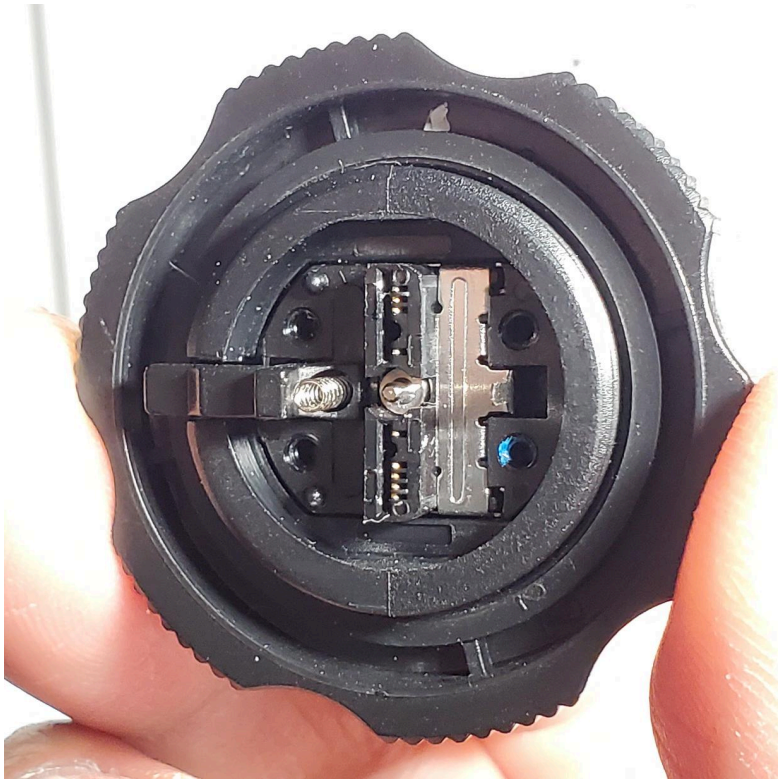
16. There is a hole circled in green, put the plastic fork piece into there. It may be snug, so push it down so it’s as flushed as can be.



17. Remember the removable spring in step 9? Take it and insert it into the hole of the plastic fork piece.



18. It will look like this



19. Now we'll take this metal hotshoe assembly and combine it with the lower piece of the flash trigger.
    Notice the GREEN line. There's a metal prong that must go INTO the spring here.
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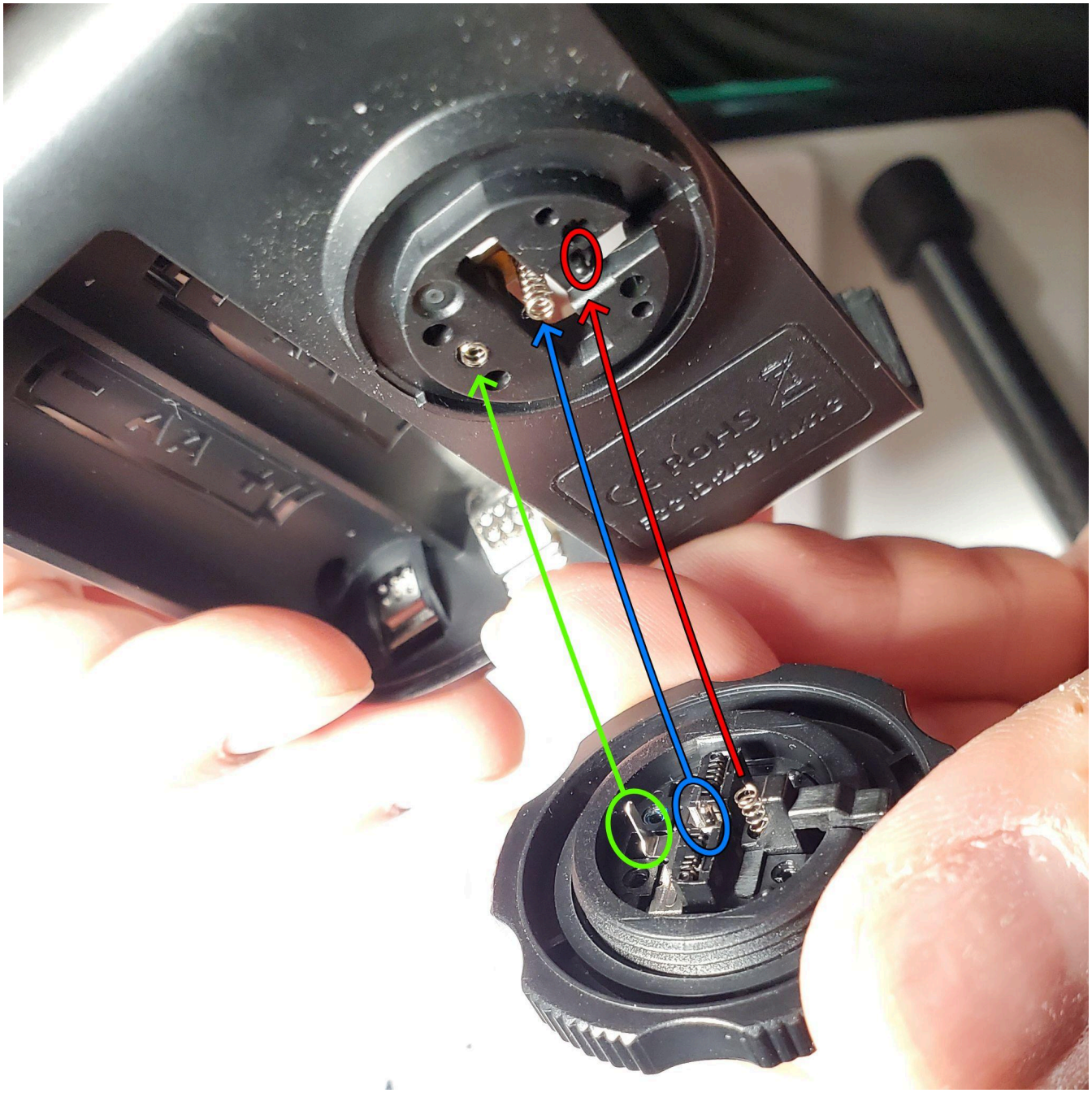
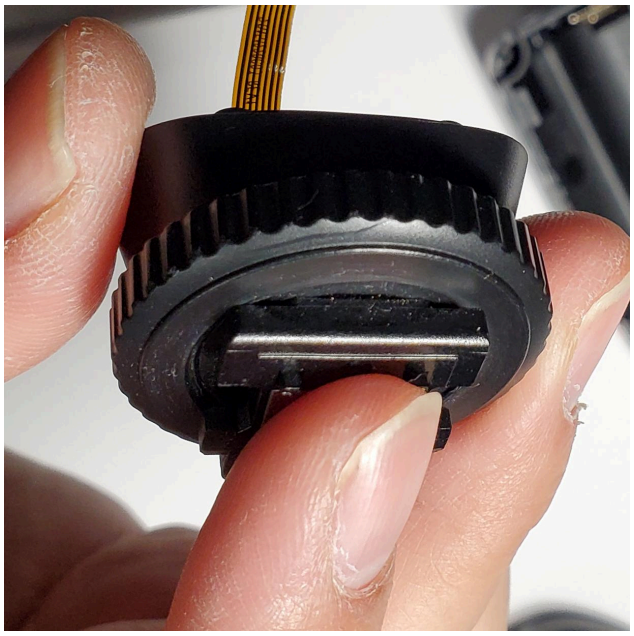
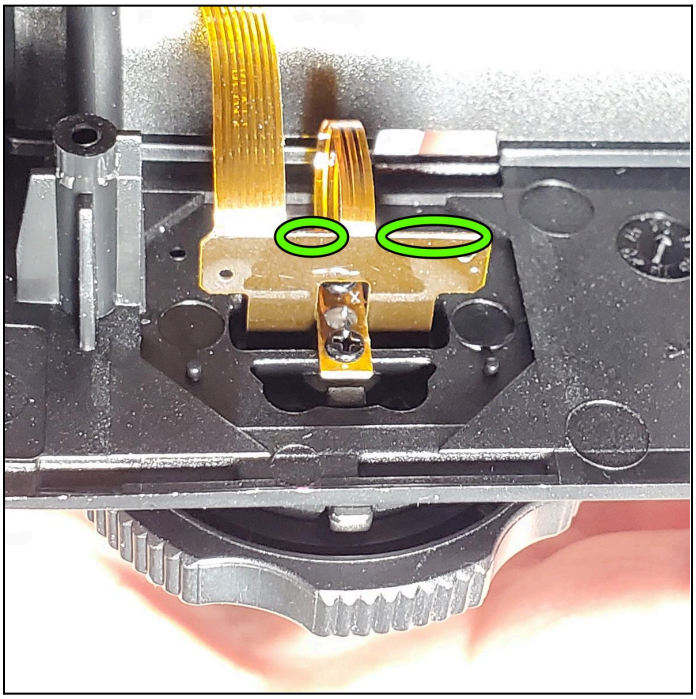
My tip is that I mostly aim to get the GREEN line's prong into the center of the spring and the rest kind of lines itself up.



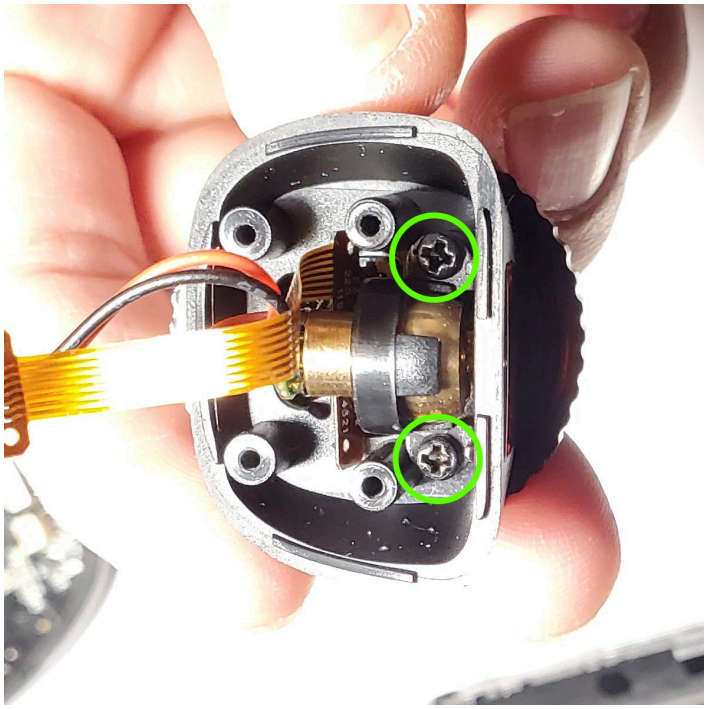
20. Place a finger on the metal hotshoe so it doesn't fall out. Then screw on the 4 screws circled in green. Ignore the red circles.



21. Install the ribbon that goes into the metal hotshoe. I alternated between these two green points to push the ribbon into place. Do so gently so you don't damage the ribbon.

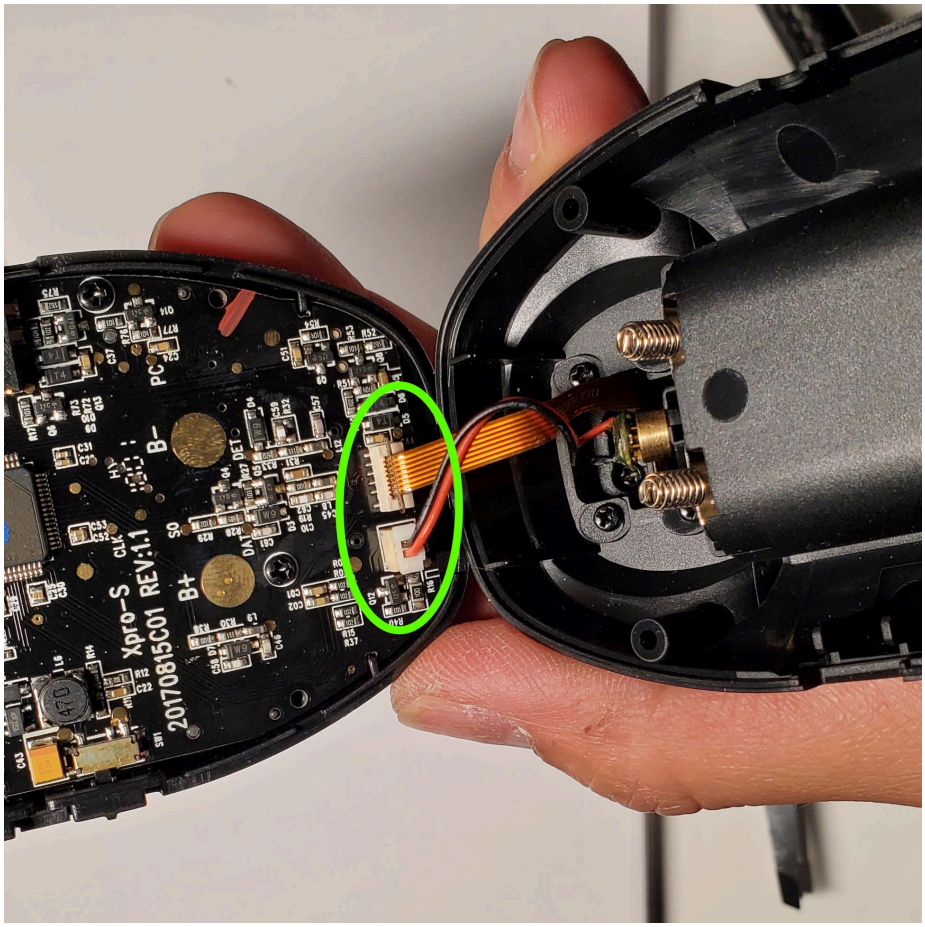


22. Reinstall the light assist



23. Reinstall this assembly into the lower cover of the trigger

24. Connect the ribbon and power connector.



25. Finish the assembly.

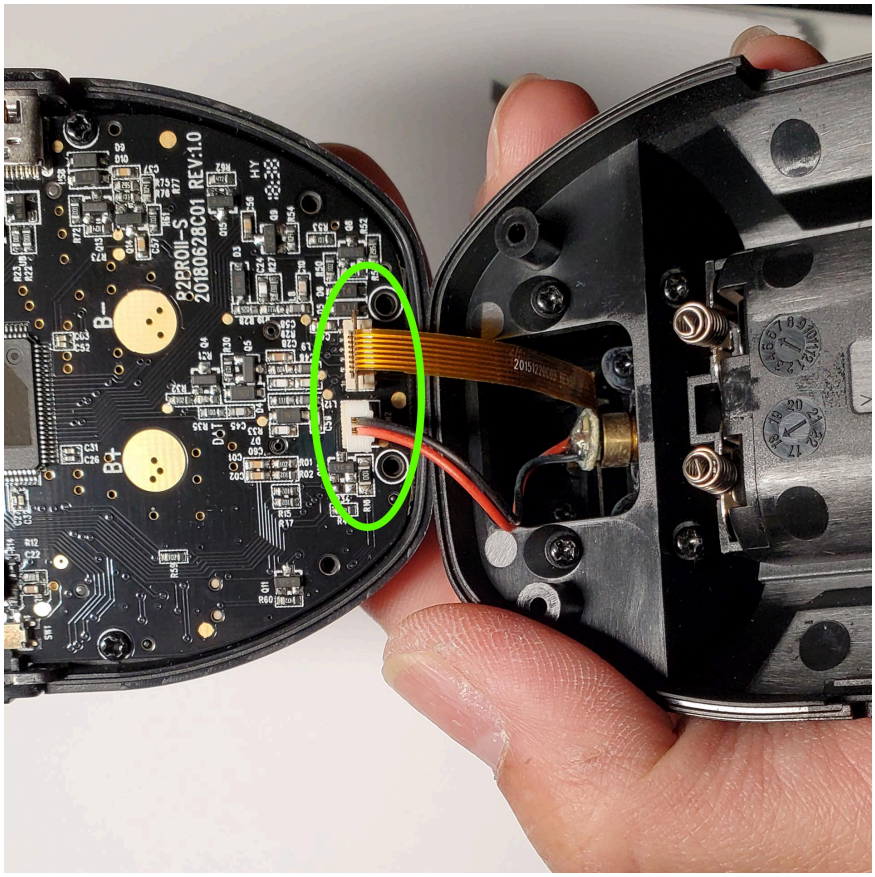
Flashpoint R2 Pro Mark II Trigger

1. Remove 4 screws

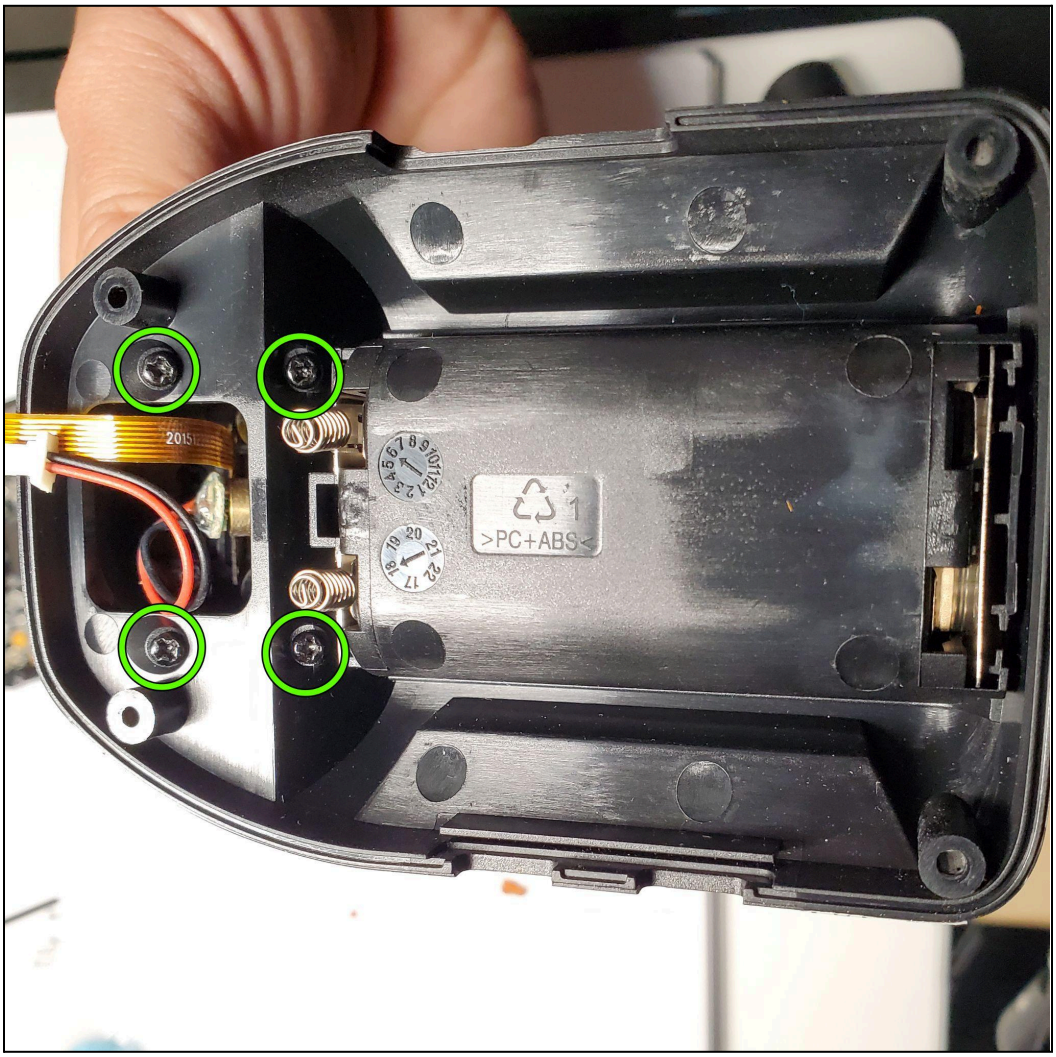
2. Rotate this circle thing so that it touches the plastic hotshoe. No need to use any force.

3. Pop open the trigger from the front. Becareful not to dislodge the power buttons here.

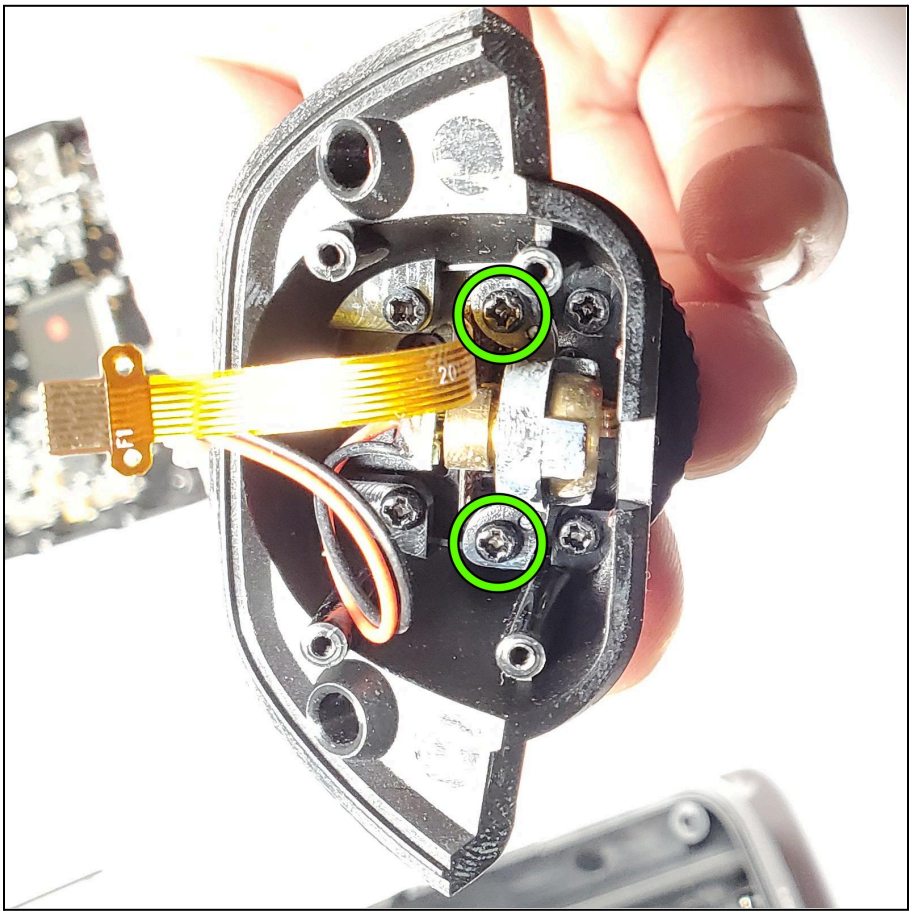
4. Disconnect the ribbon and power connect here.



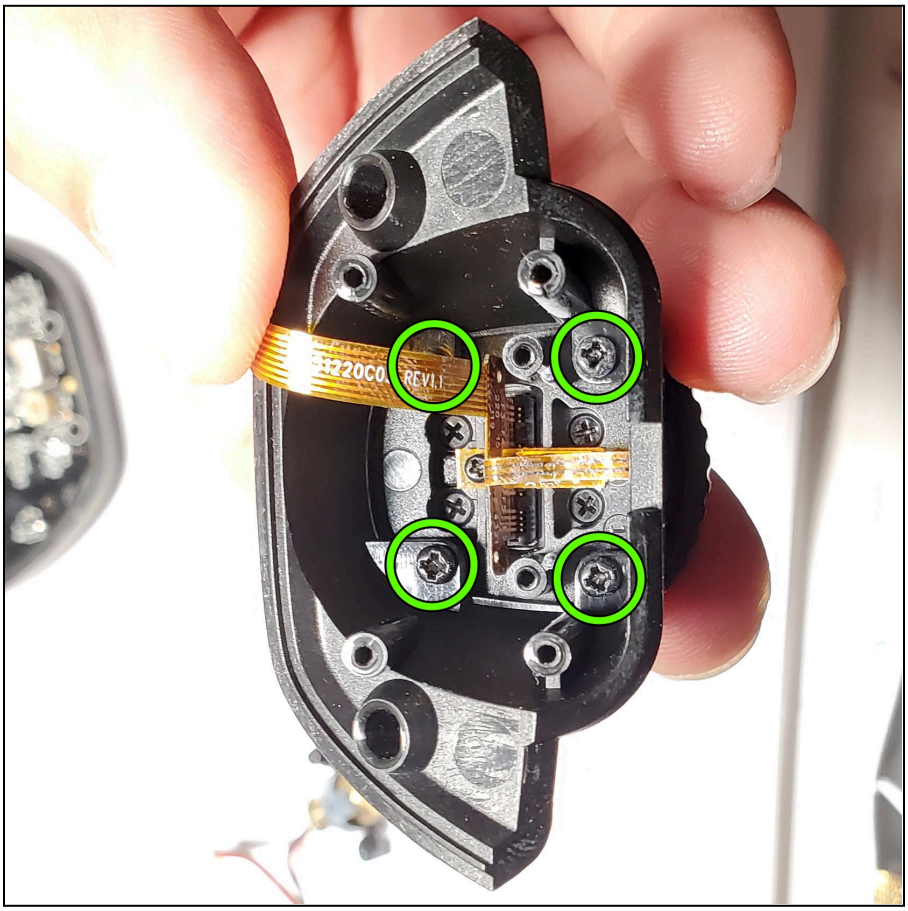
5. Remove the 4 screws here



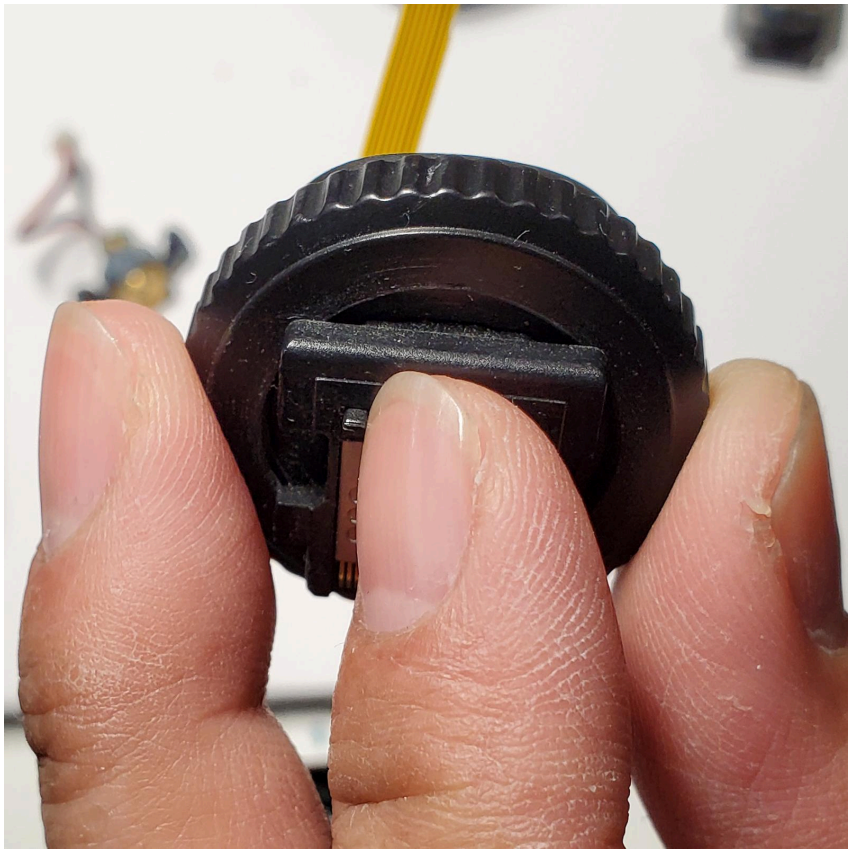
6. Remove the light assist



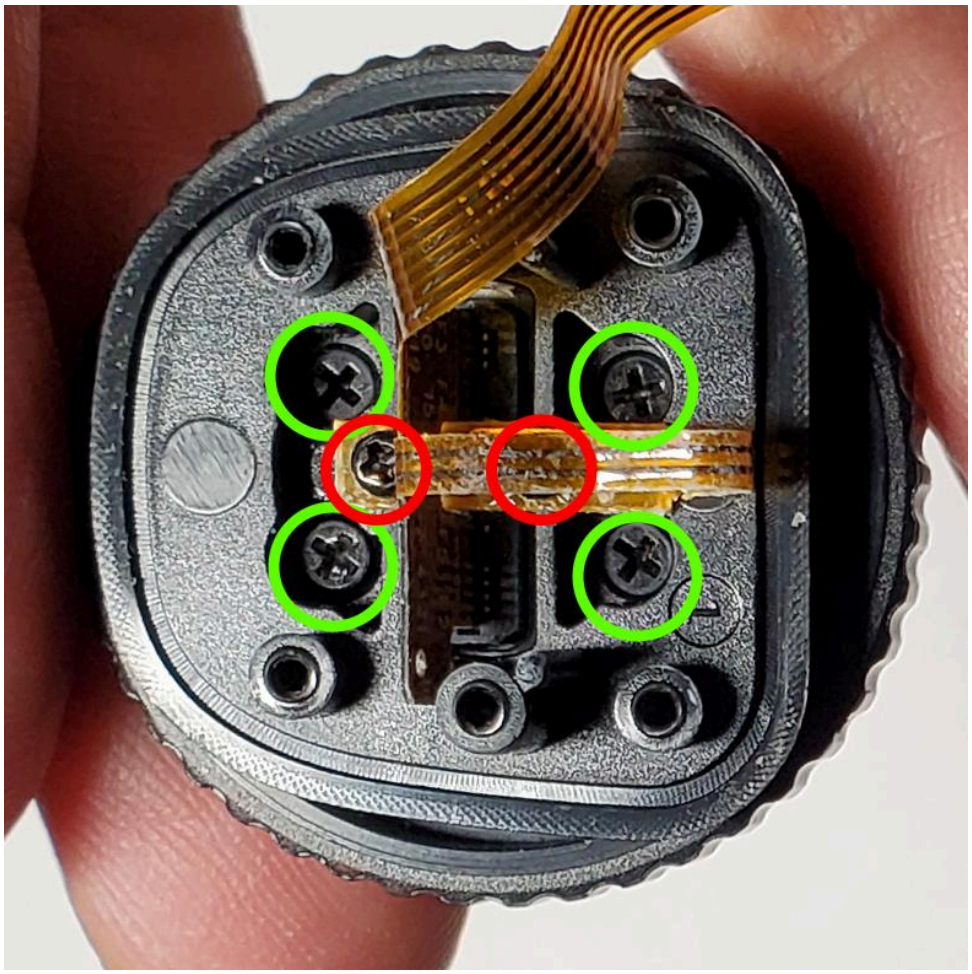
7. Remove these 4 screws



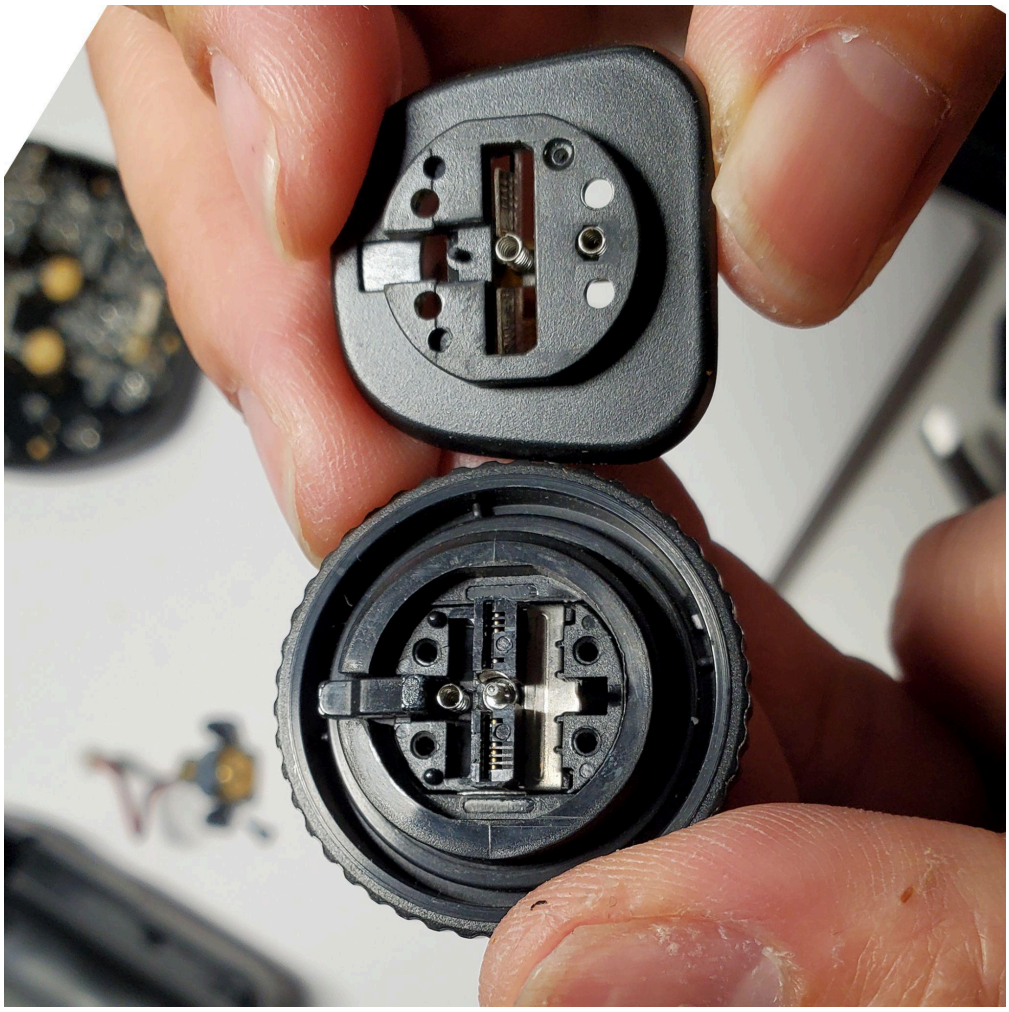
8. Put a finger under the plastic hotshoe before removing all the screws in the next step



9. Remove only the screws circled in green. DO NOT remove the screws circled in red

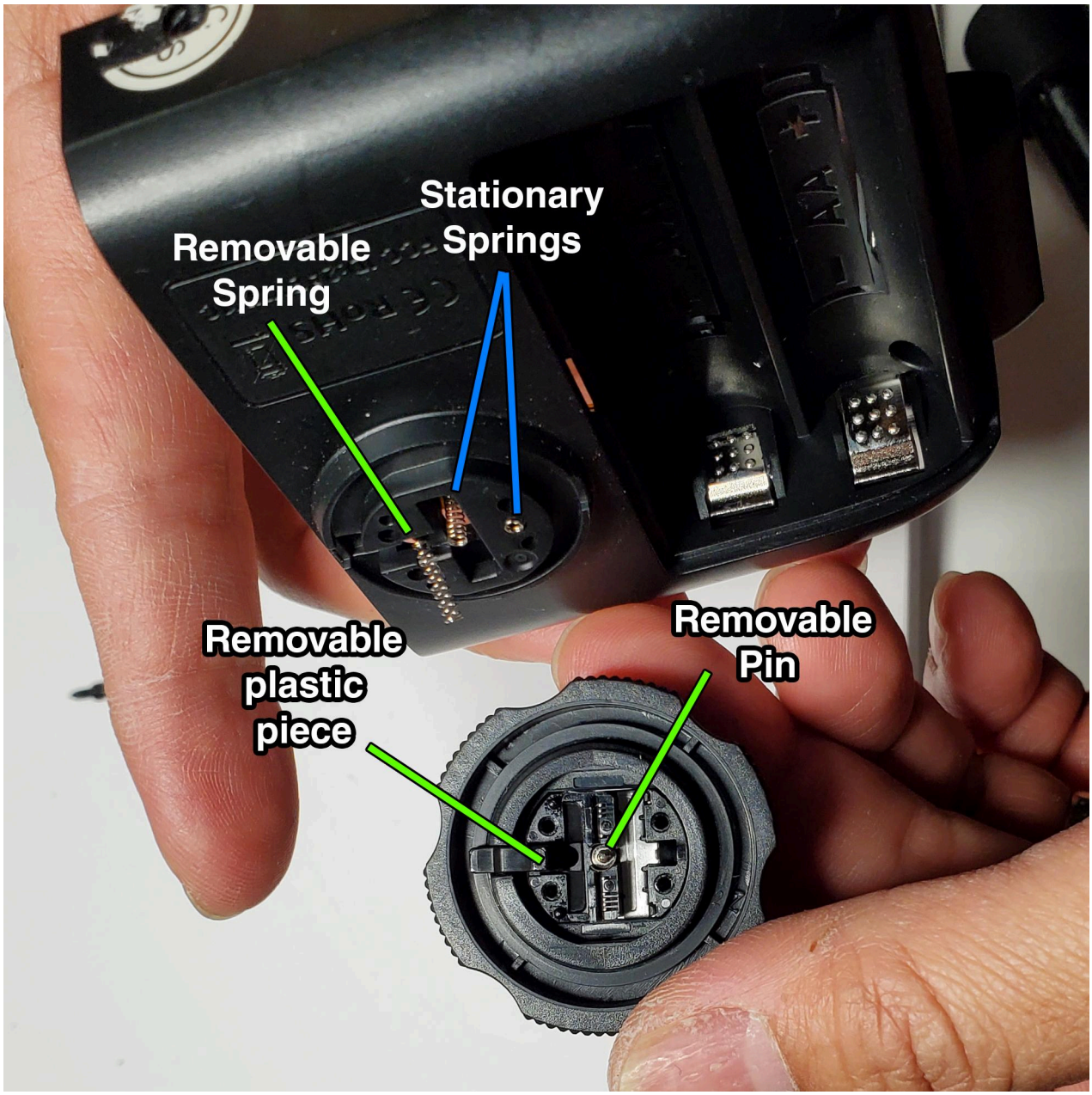


10. Turn this assembly sideways and separate the plastic hotshoe from the plastic piece. A few things may fall out onto your table. But i'll show you how to put it back together. It will look like this.

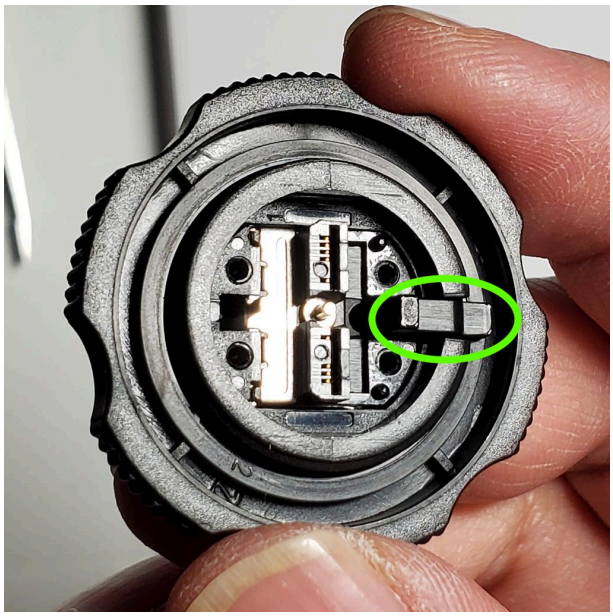


11. For the following steps, I”ll copy the instructions from another trigger disassembly, because they’re basically the same.

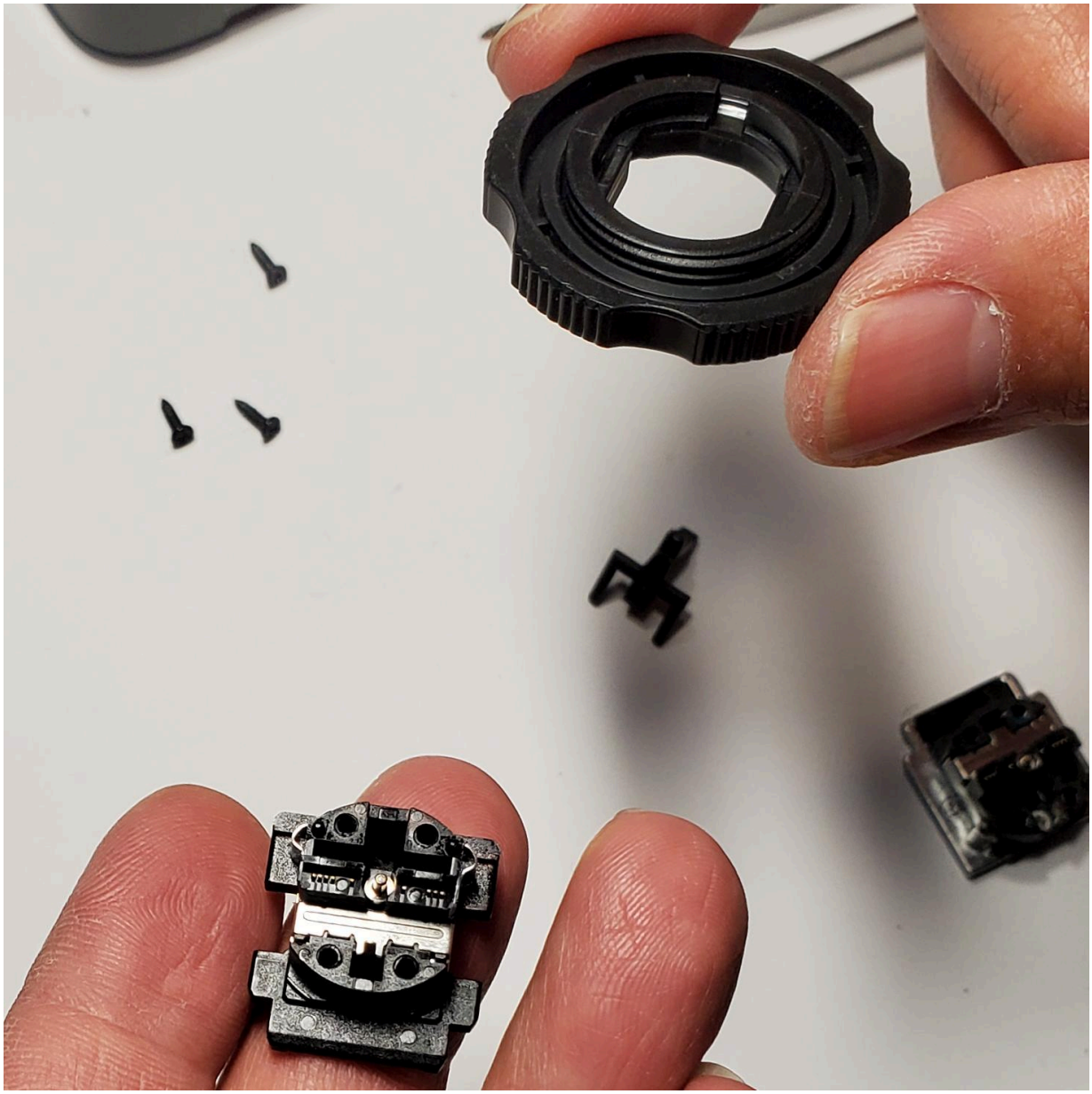
12. The picture below describes step 10 above in detail.



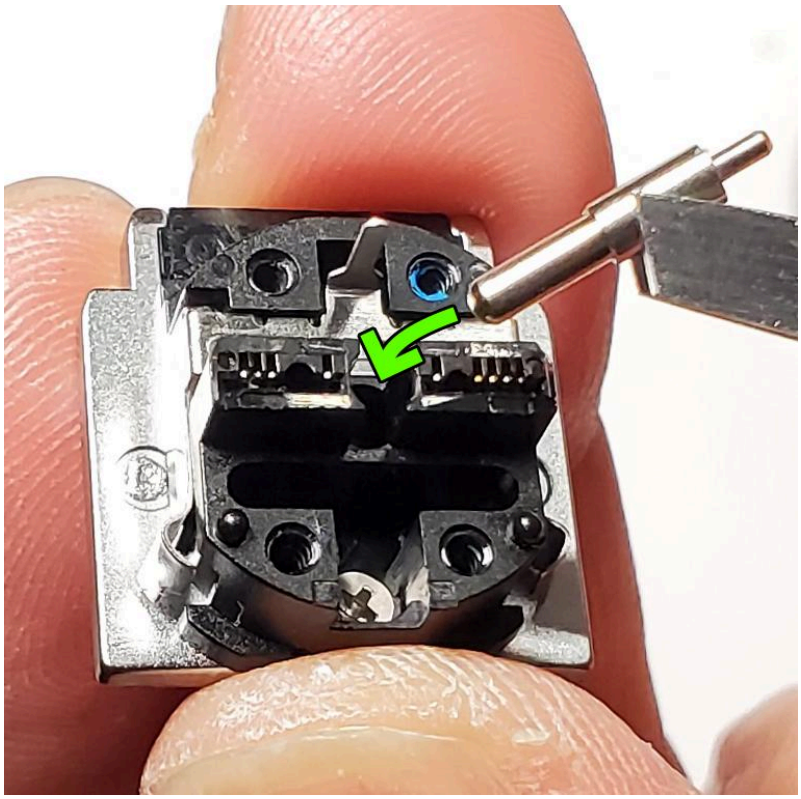
13. Remove the plastic piece here.



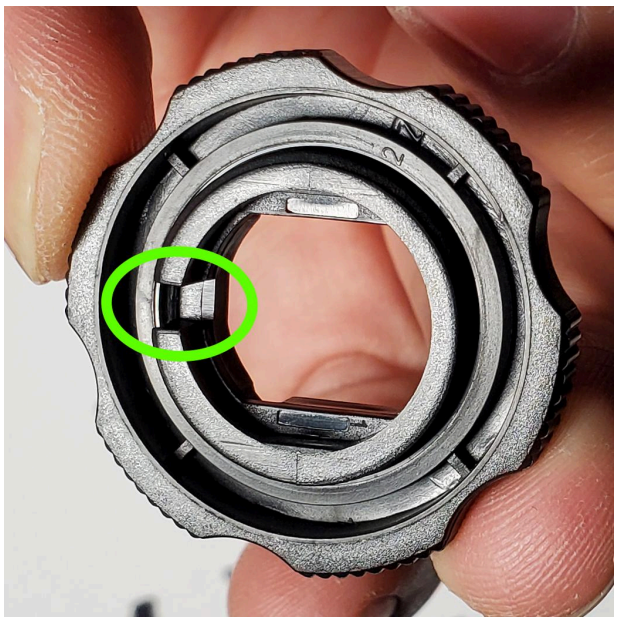
14. Separate the plastic hotshoe from the circle piece.

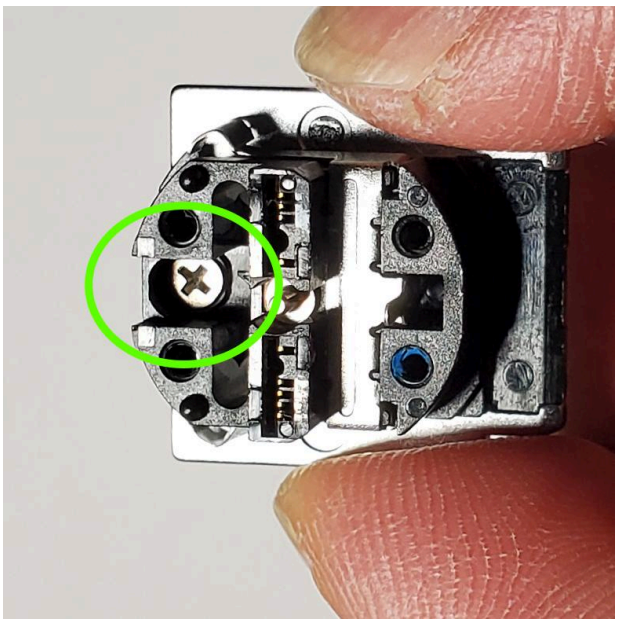


15. Take the metal hotshoe and prepare to install it into the trigger assembly. If the center pin fell out, this is the orientation to put it back in.



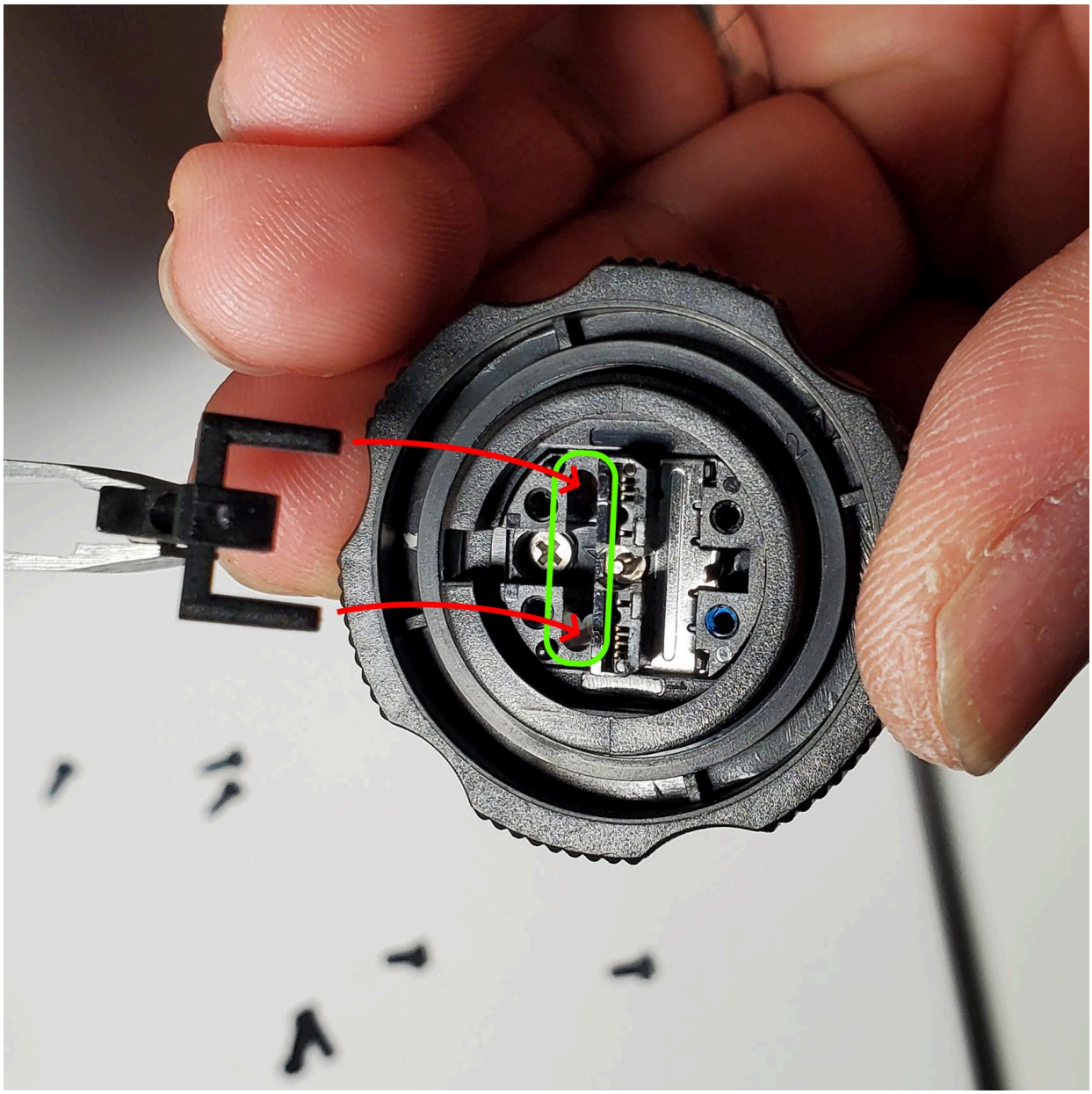
16. Take that round circle piece, do you see the notch there?
    The metal hotshoe also has a notch.



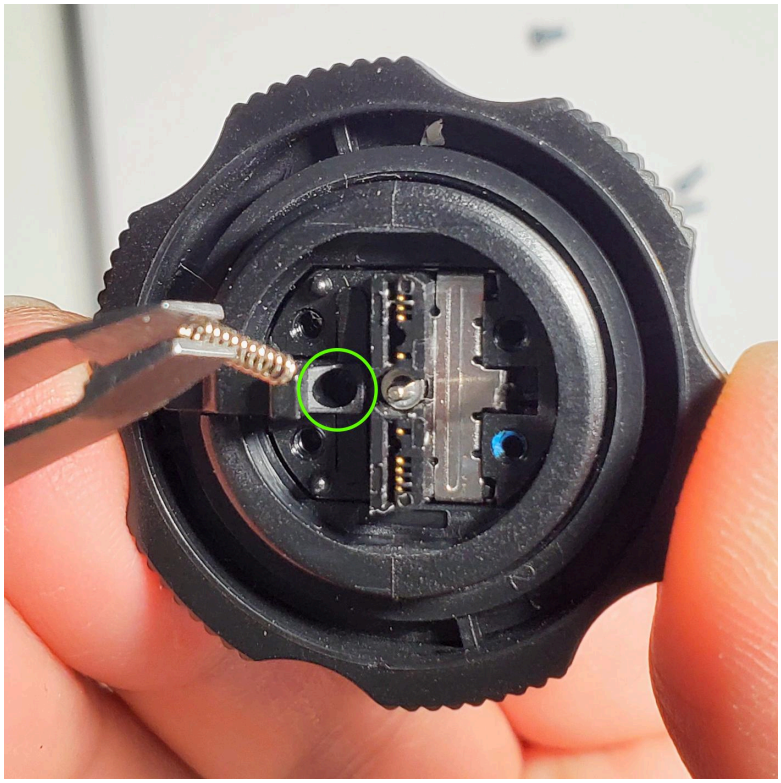


17. Insert the metal hotshoe into the plastic piece so that the notches align.

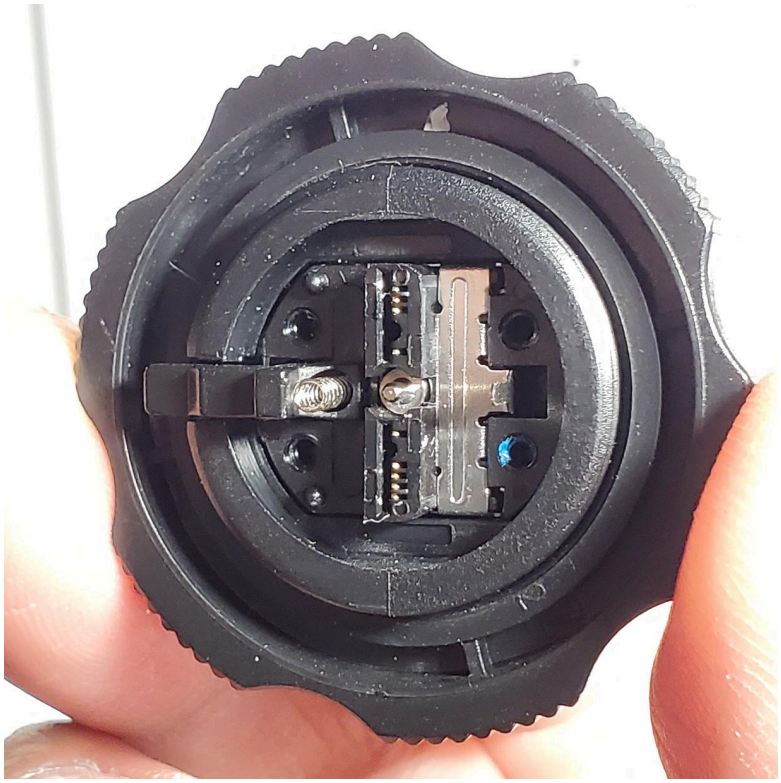
18. There is a hole circled in green, put the plastic fork piece into there. It may be snug, so push it down so it’s as flushed as can be.



19. Remember the removable spring in step 12? Take it and insert it into the hole of the plastic fork piece.

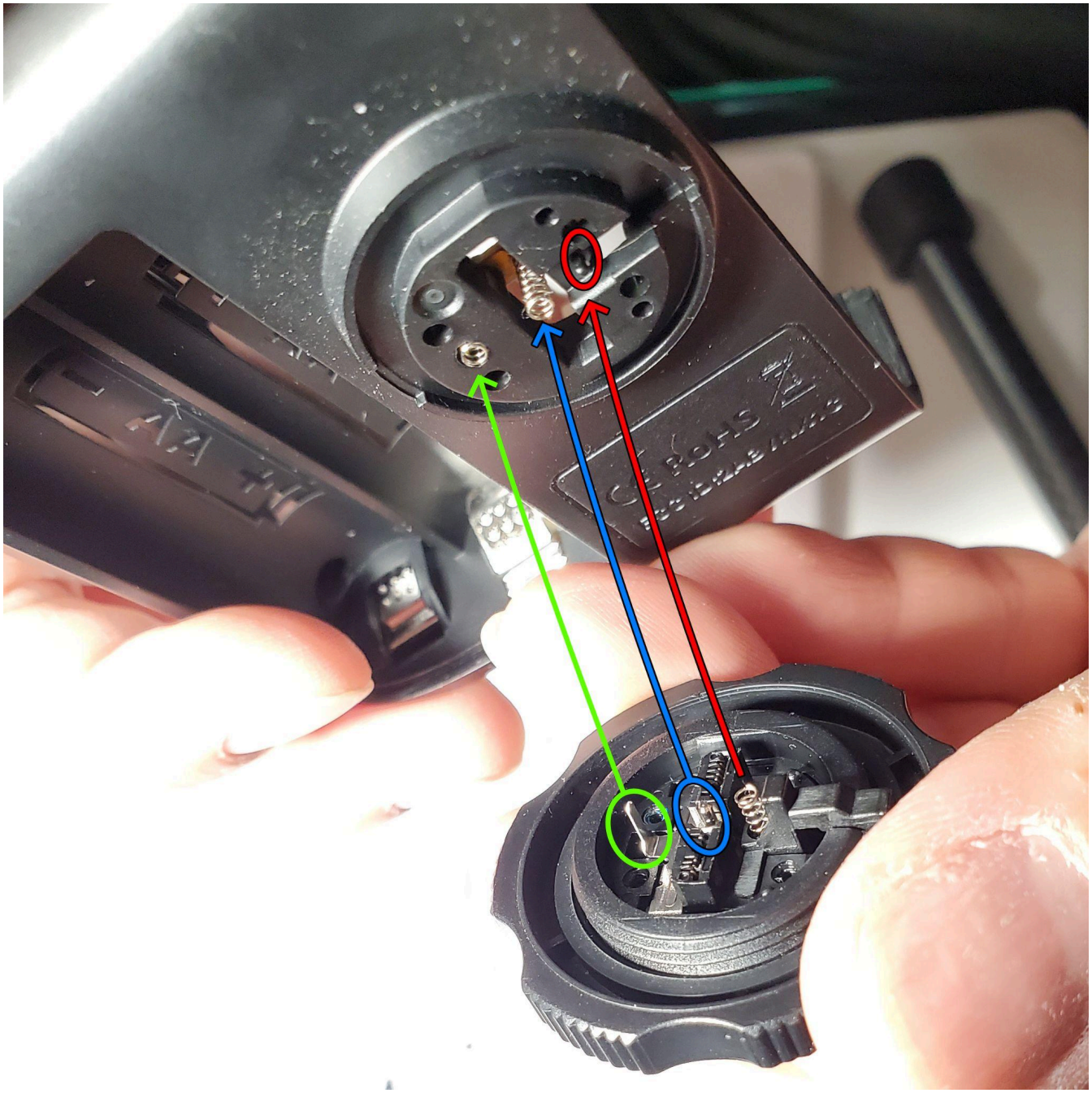


20. It will look like this

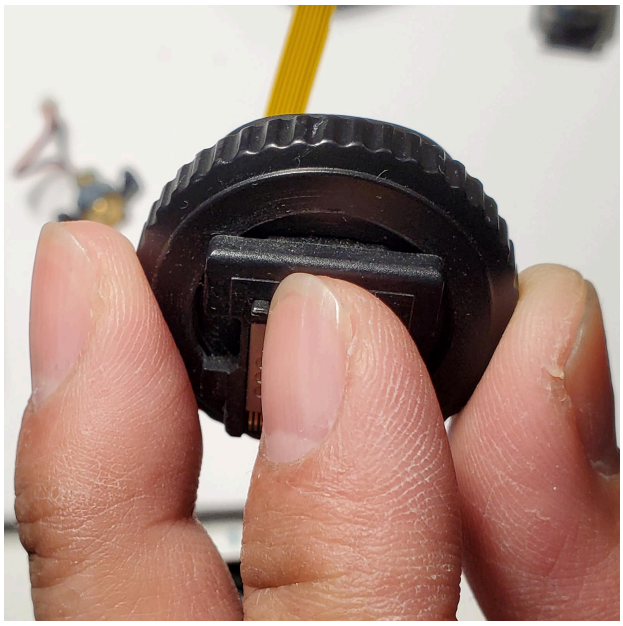


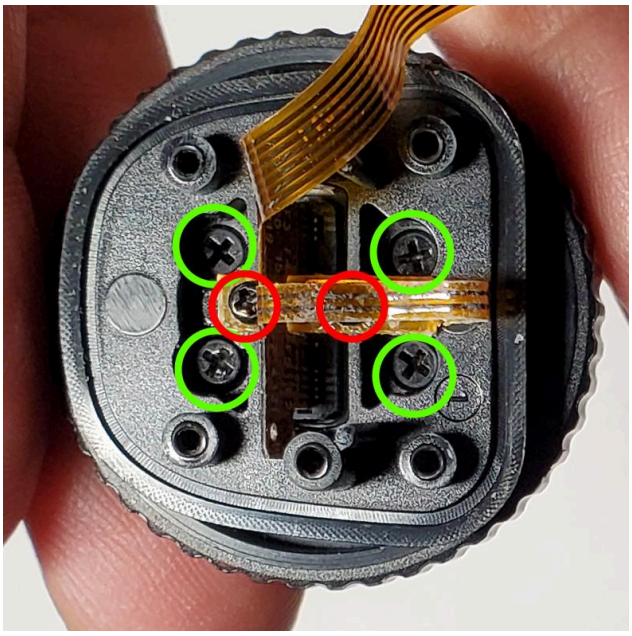
21. Now we'll take this metal hotshoe assembly and combine it with the lower piece of the flash trigger.
    Notice the GREEN line. There's a metal prong that must go INTO the spring here.
    Notice the BLUE line. The center pin must go INTO the spring here.
    Notice the RED line. The spring must go into the black plastic pin here.

My tip is that I mostly aim to get the GREEN line's prong into the center of the spring and the rest kind of lines itself up.

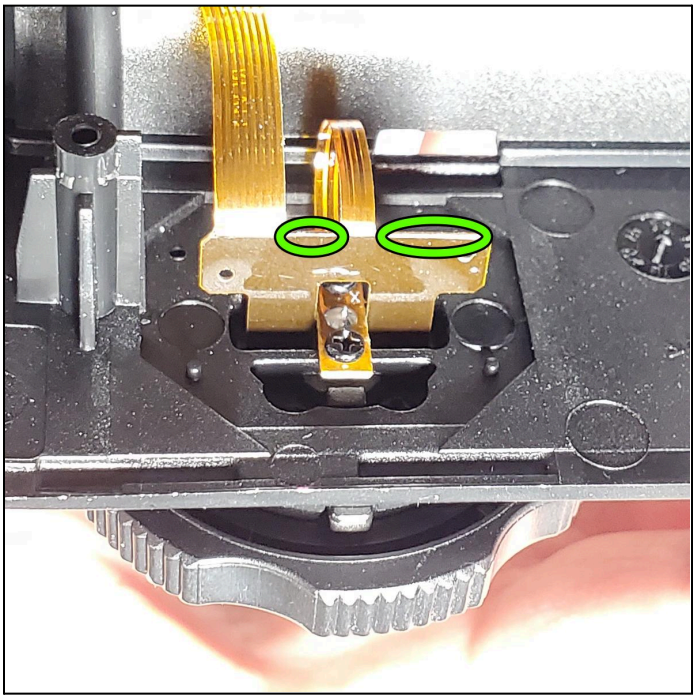


22. Place a finger on the metal hotshoe so it doesn't fall out. Then reinstall the 4 screws circled green. Ignore the red circles here.

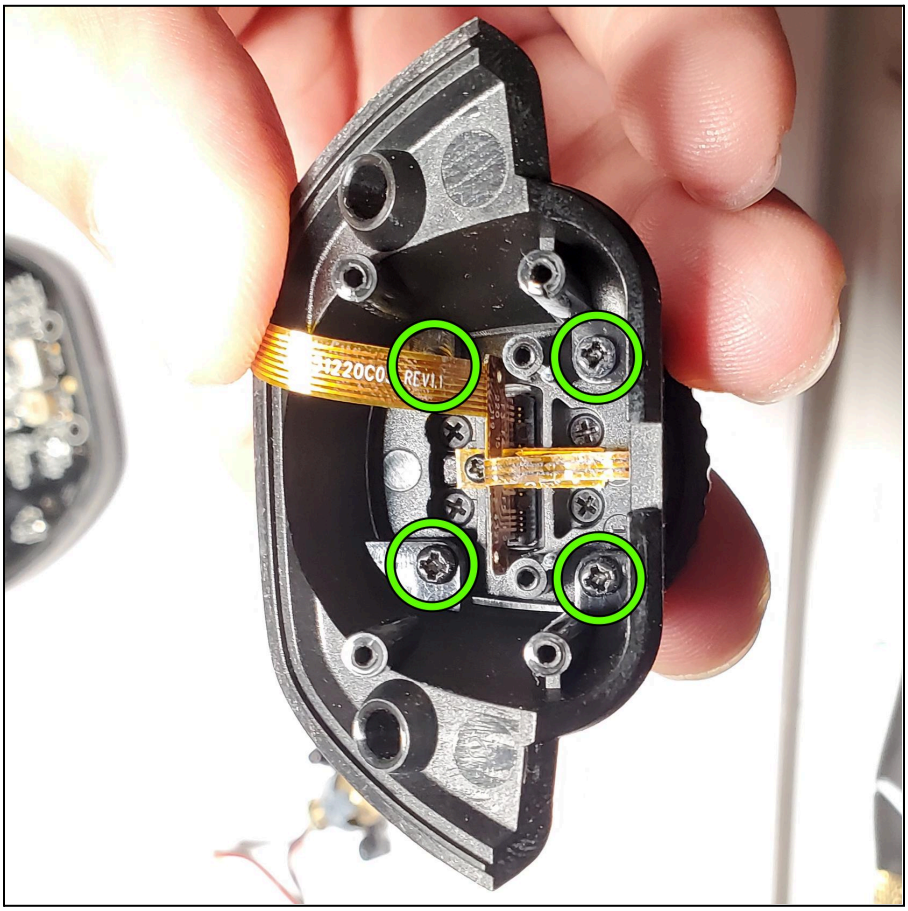




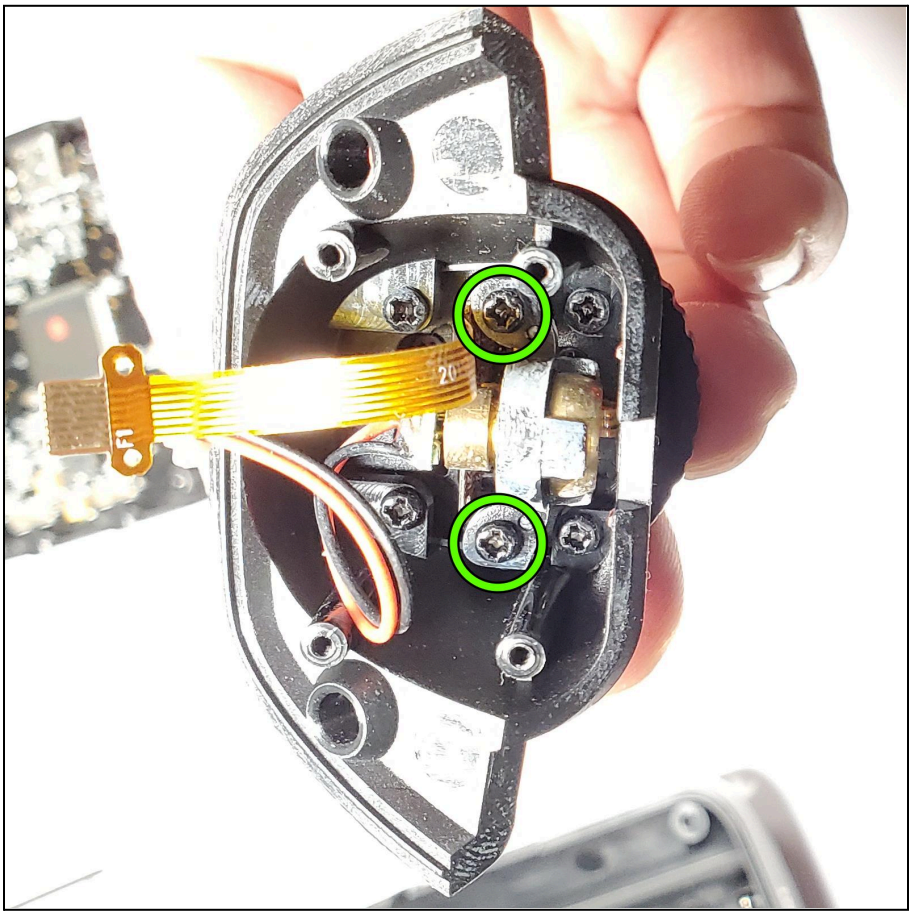
23. Picture from a different install. Install the ribbon that goes into the metal hotshoe. I alternated between these two green points to push the ribbon into place. Do so gently so you don't damage the ribbon.



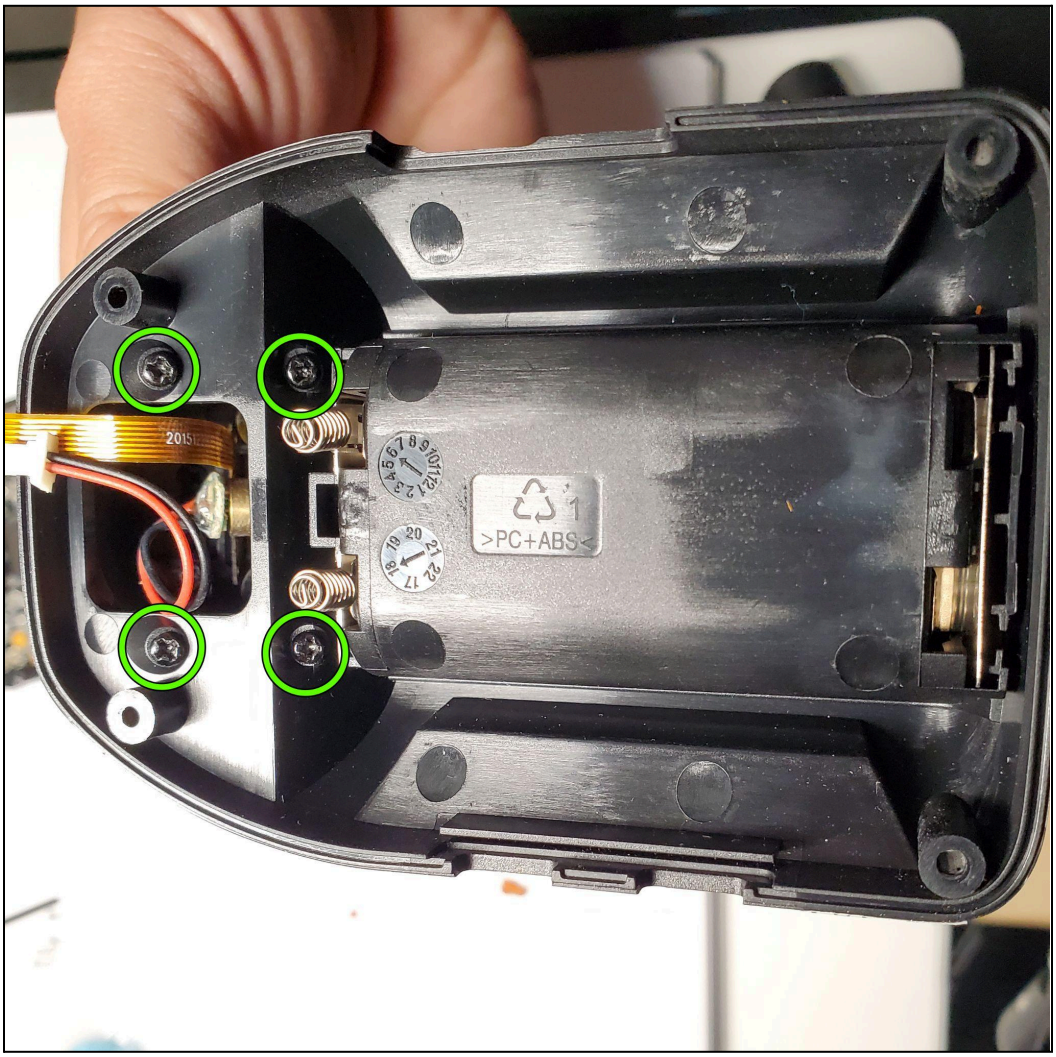
24. Install these 4 screws



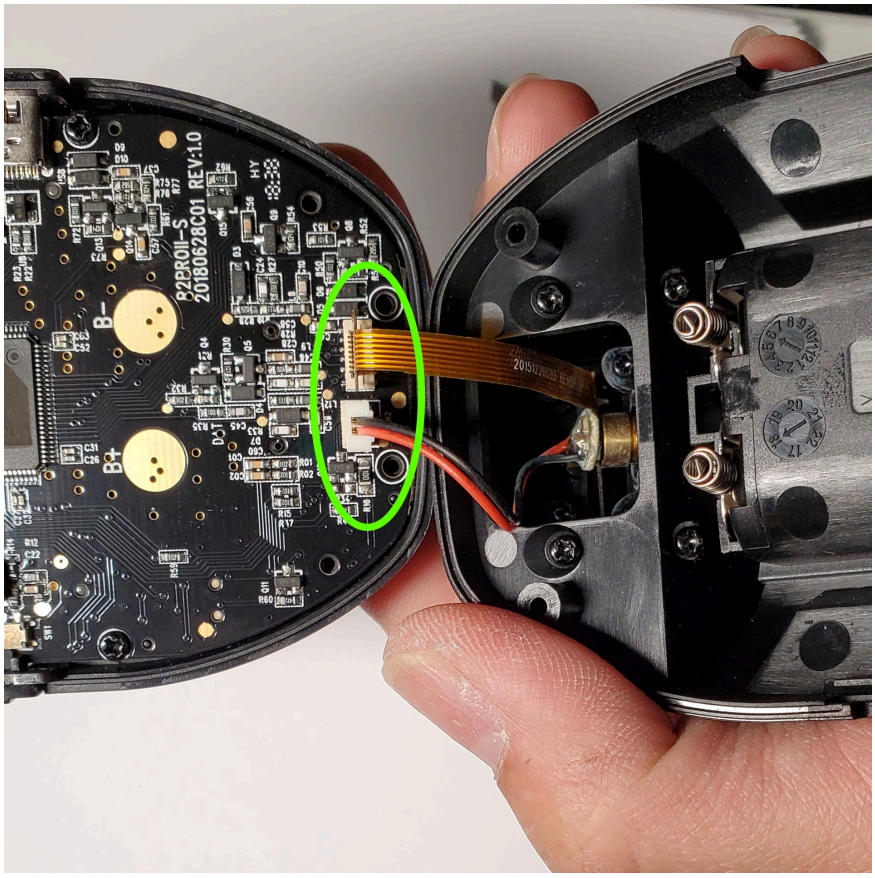
25. Install the light assist



26. Install the previous assembly into the lower trigger.



27. Connect the ribbon and power connection here.



28. Complete the assembly.