



Canon Speedlite 430EX II Diffusing Disc Panel Replacement

How to repair a broken/lost Diffusing Disc Panel on the Speedlite 430 EX II

Written By: TimWyrobek





TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [2.5 mm Flathead Screwdriver](#) (1)
- [double faced adhesive tape](#) (1)




PARTS:

- [Canon CY2-4265-000](#) (1)

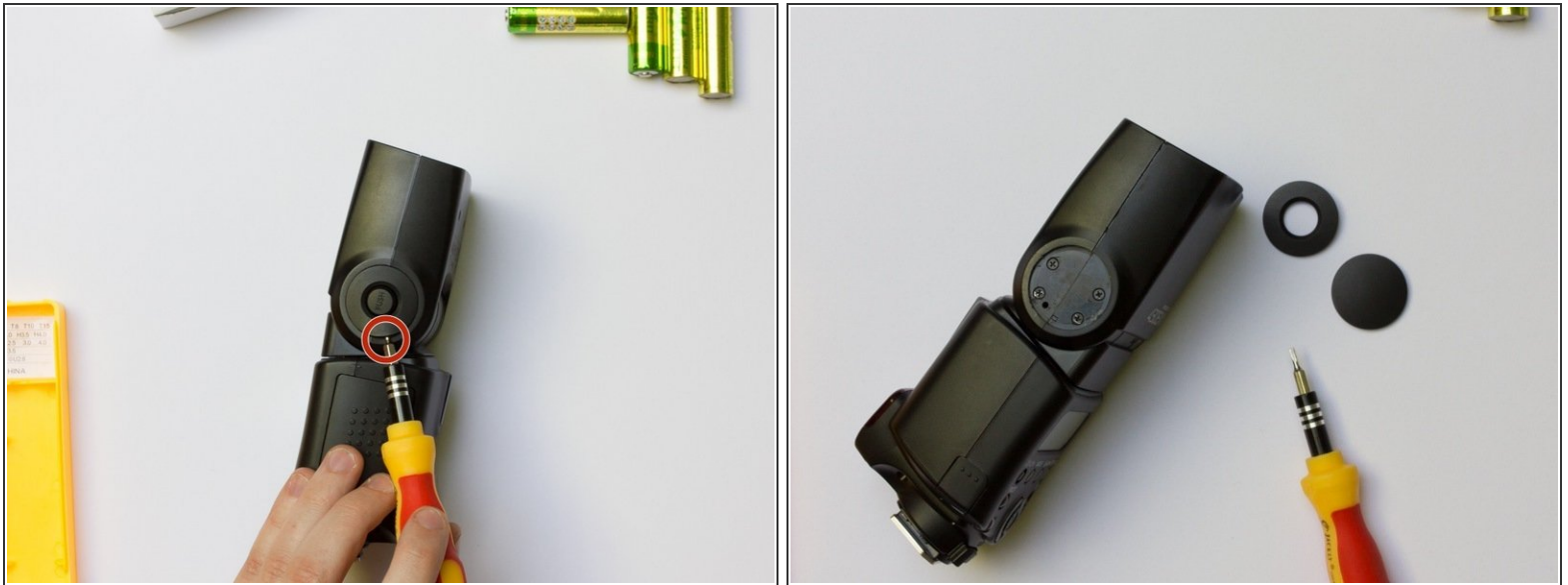
Step 1 — Diffusing Disc Panel



- At first of all: Remove Batteries!

 Be Careful: Electronic parts need a few minutes to discharge. If you touch them you may get an electric shock or damage your device.

Step 2 — Remove covers



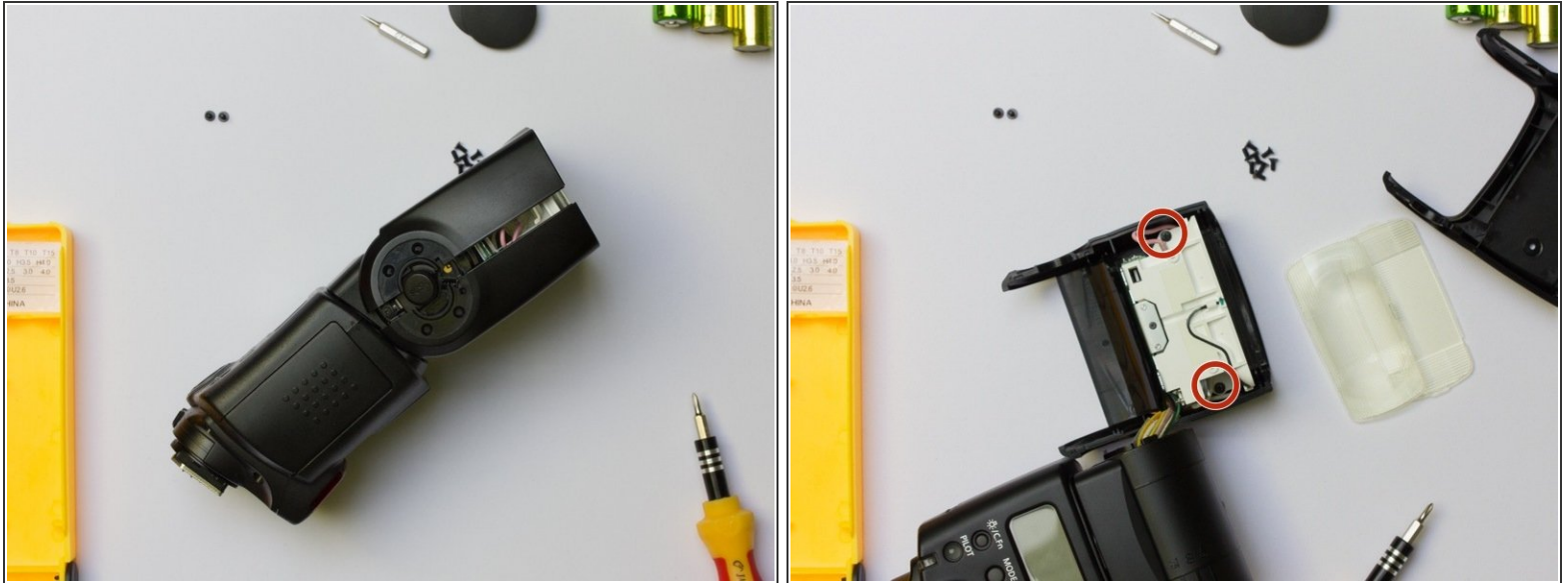
- Open the silicone covers slowly. They're fixed with double faced adhesive tape.
- In the worst case: You damage the covers. It's very hard to damage the flash at this step

Step 3 — Open the flash head



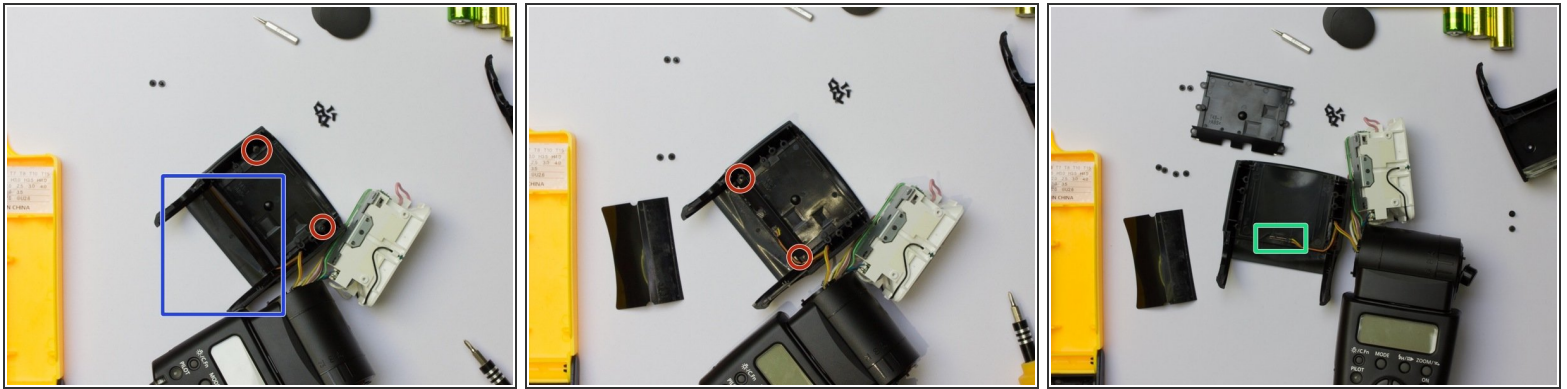
- Remove the screws on the bottom of the flash-head
- Remove all 8 screws which holds the outer case on the joint.
- ⓘ Separate the screws from each other - that makes the re-assembling easier

Step 4 — Remove the flash Unit



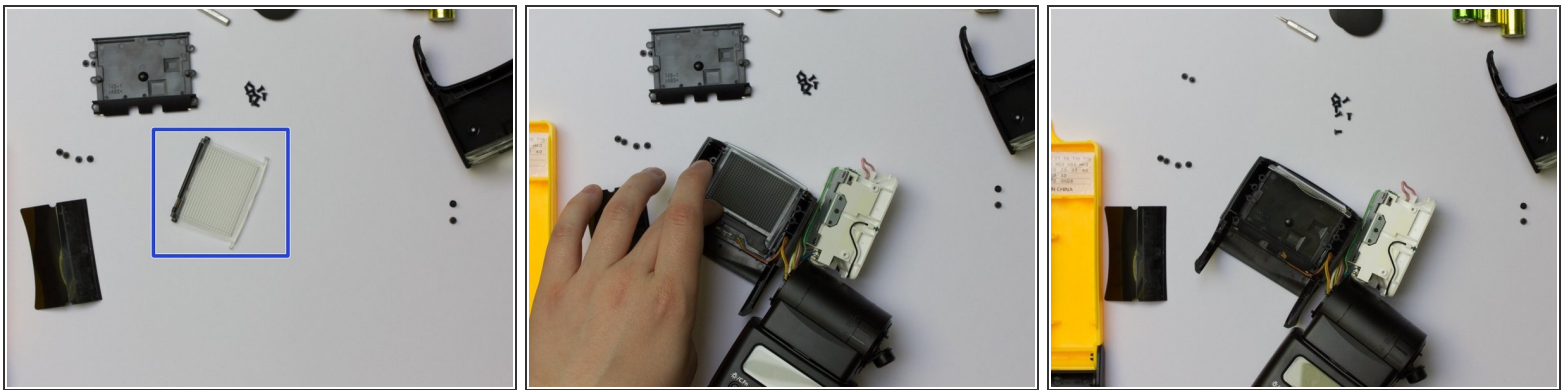
- Open the head slowly - attention with the **cables**
- Remove the flash unit
- Remember: Electric parts!
- ⓘ Remember the order of the diffusing discs

Step 5 — Replace the mechanism



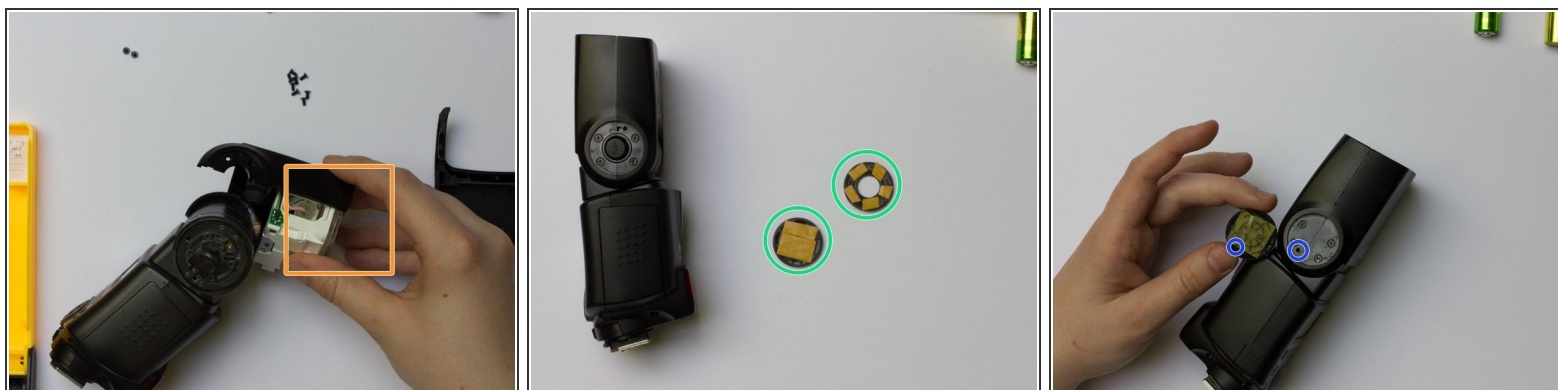
- Remove the 4 screws of the holding plate.
- You **need** to remove the plastic film - don't worry you can stick it back when you're ready and it holds fine.
- ⓘ The thing in the square is the contact which detects if the panel is in or out.

Step 6



- Now you're ready to install the panel
- Hold it in the position (just to check that everything is correct and fit in the head.
- ⓘ Now you need to re-assemble backwards. Careful with the cables

Step 7 — Reassemble



- Hold the diffusing discs while you plug the top and bottom together
- stick a little piece of double faced adhesive tape to the silicone covers
- Both covers have those tiny silicone pins and the fitting hole for alignment

I hope this guide is helpful enough.

If you have any questions feel free to contact me.