DJI Mavic Pro Controller Micro USB Port Replacement

Replace the micro USB Port on the Mavic Pro Controller. Now you can charge it again. :)

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Step 1 — Identify broken part

- It's easy to put the micro USB in the wrong way around (turned 180 degrees) this will break your pins and makes the controller not able to charge anymore. Check if the inside of your port is all good.

Step 2 — Get the replacement part

- get the replacement part for your controller where the Micro Usb is connected to
Step 3 — Get started

- Get your tools, controller and part in place to get started

Step 4 — Remove Joystick

- First remove the joystick. You can just pull this out. In my case I already lost it 2 years ago. Easy!
**Step 5 — Unscrew 2 bottom caps**

- Unscrew the two screws on the bottom using a torx 5

**Step 6 — Open the cover**

- This was the most complex step. Once you remove the 2 screws from the previous step you can open up the bottom. This is a tough piece of plastic clicked into the sides. It required some fiddling and squeezing. It looks like you will break the plastic. But you won't. Plastic is precious you know
Step 7 — Remove the front panel

- There are 2 places where the front panels locks on the controller. (those big round things) Just pull it of there and you can open up the controller and remove the panel

Step 8 — Open the controller

- Now the controller is open, you can see the part you need to replace, just a few steps away
**Step 9 — Remove the keyboard cable**

- Open up the tiny lever and you can remove the data cable of the keyboard.

**Step 10 — remove final 2 screw**

- There are 2 screws that connect the part you want to replace. Unscrew and you can remove it.
Step 11 — Replace the part and check

- You can now replace the part, but before we put everything back together make sure it works (charges! :)

Step 12 — Future Upgrade

- My part broke because I put the cable in wrong way around, apparently this is a common problem from this controller. Makes me wonder why it usually does not go wrong. Anyway, to prevent this in the future i've marked how the Micro USB cable should go in. Flat part down!
To reassemble your device, follow these instructions in reverse order.