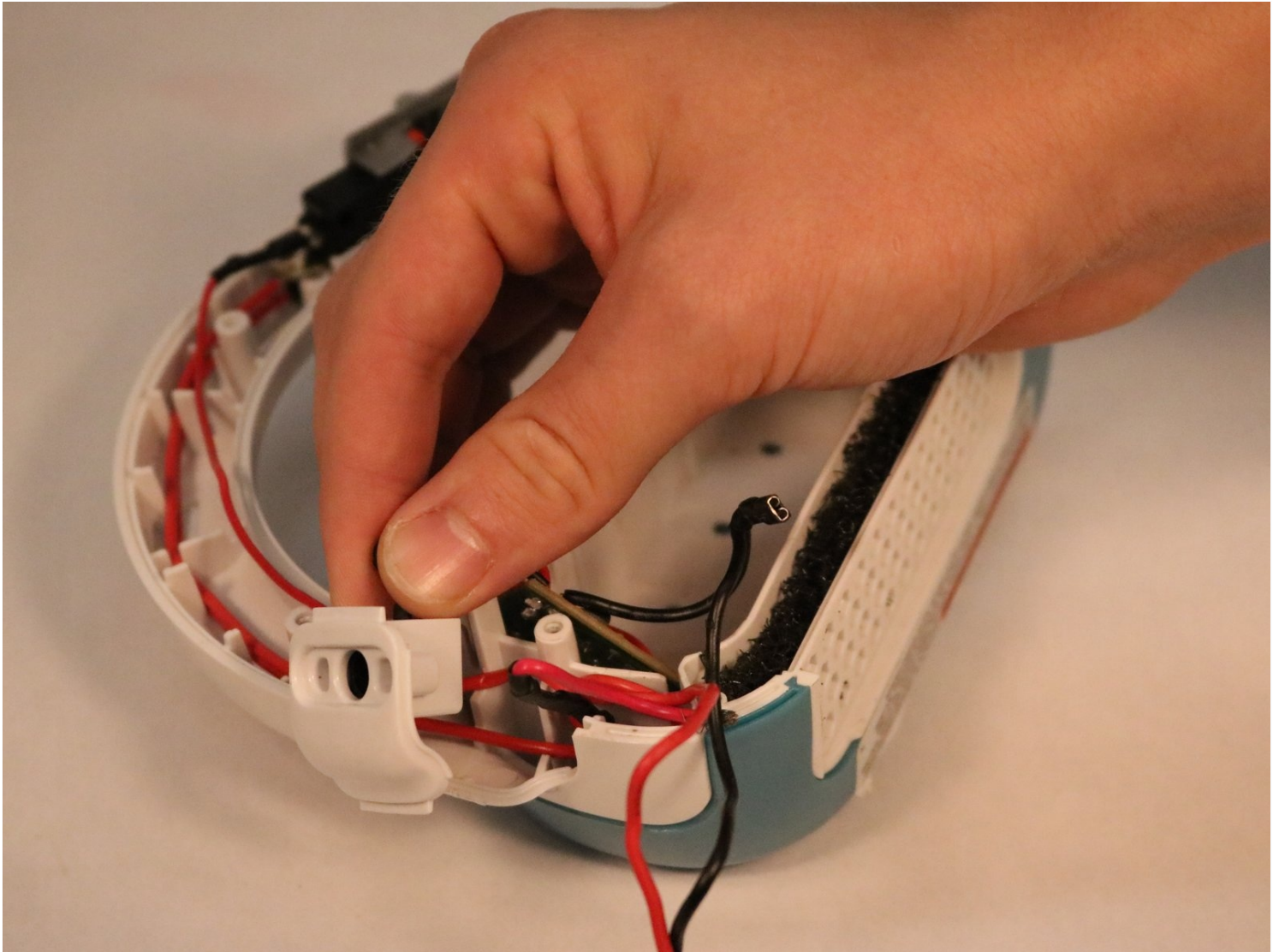




Black and Decker PHV1810 Hand Vac Charging Port Replacement

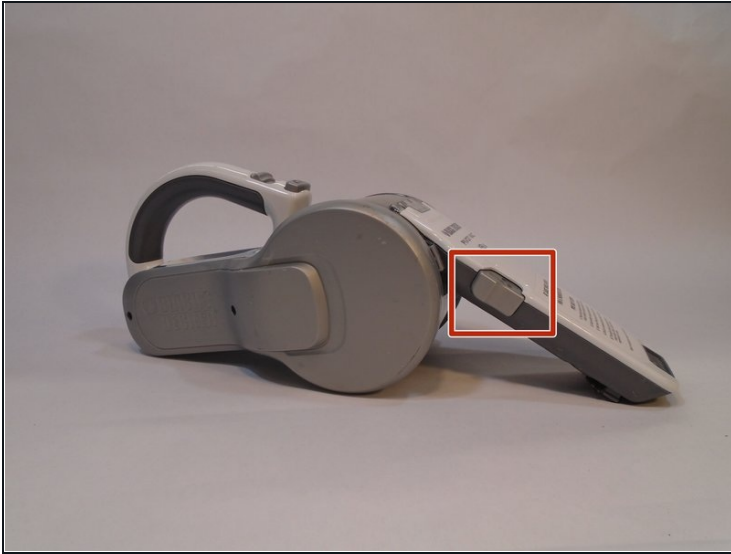
Written By: Nicholas marsoobian



TOOLS:

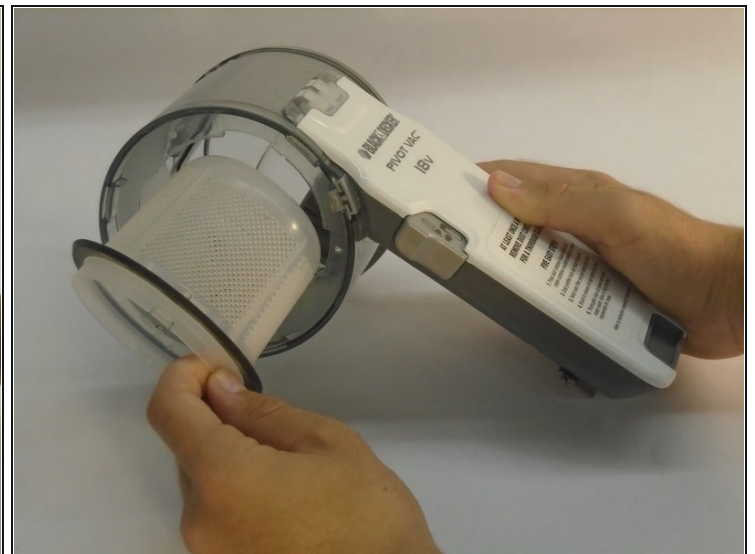
[iFixit Opening Tool](#) (1)

Step 1 — Nozzle, Filter, and Catch Bowl



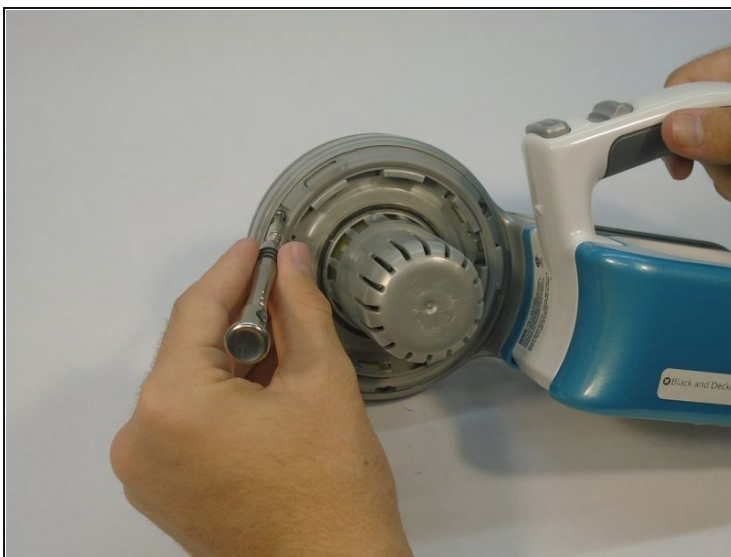
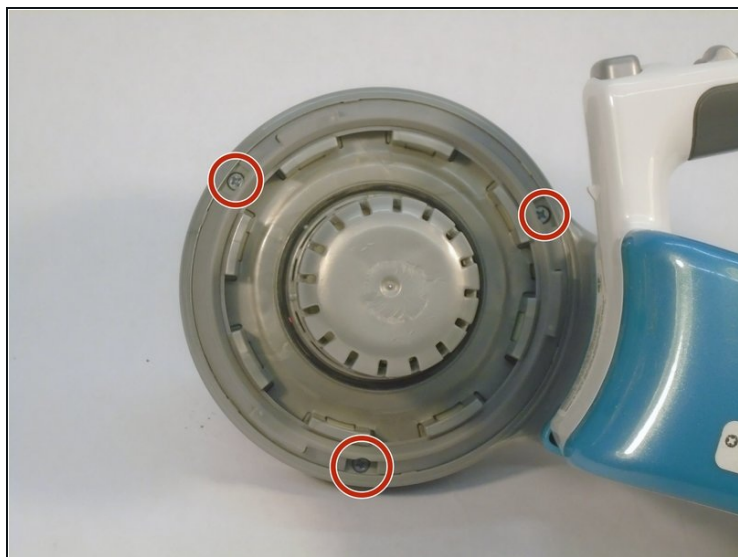
- To take off the nozzle, filter, and catch bowl first start off by pushing in the button identified with a red square and twist that part of the device toward the handle portion of the vacuum and it should click and pop off the chassis.

Step 2



- Once the nozzle, filter and dust bowl have been removed each part can be removed from the nozzle section of the device.

Step 3 — Motor



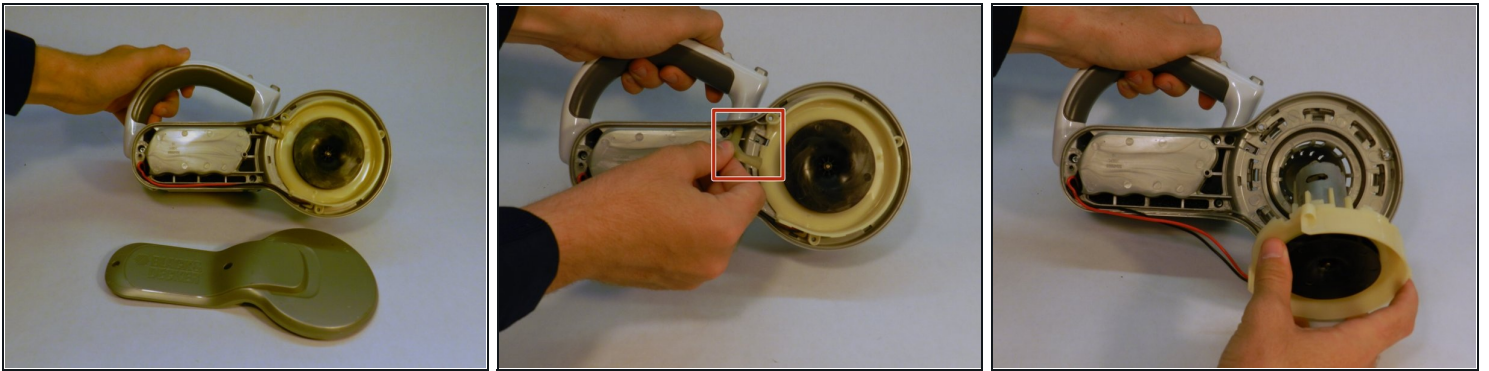
- Remove the three screws.

Step 4



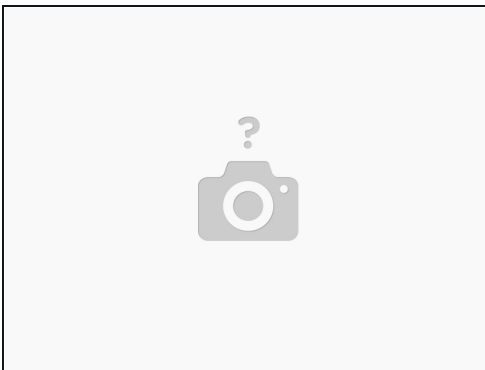
- Flip the hand vac over and remove two screws.

Step 5



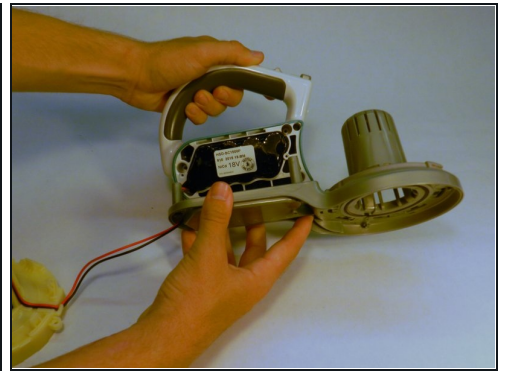
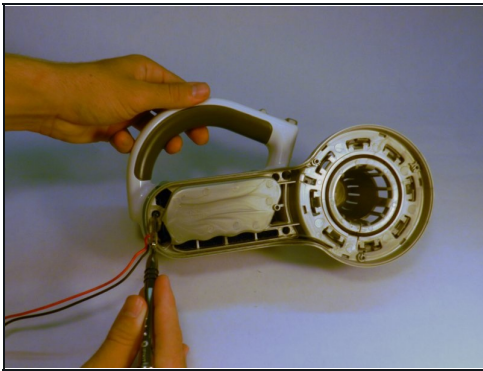
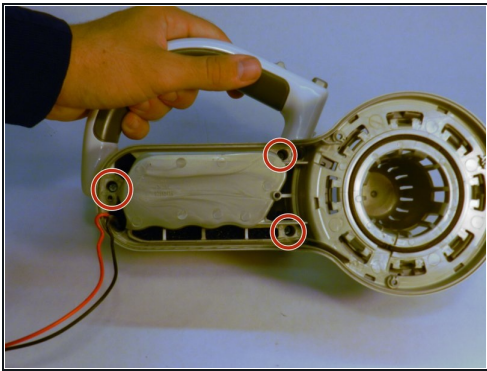
- Once you have successfully unscrewed the five screws holding the cover on you should be able to take the cover off.
- Remove the L-shaped plastic hook.
- Once the L shaped hook has been removed the motor will easily fall out of place.

Step 6



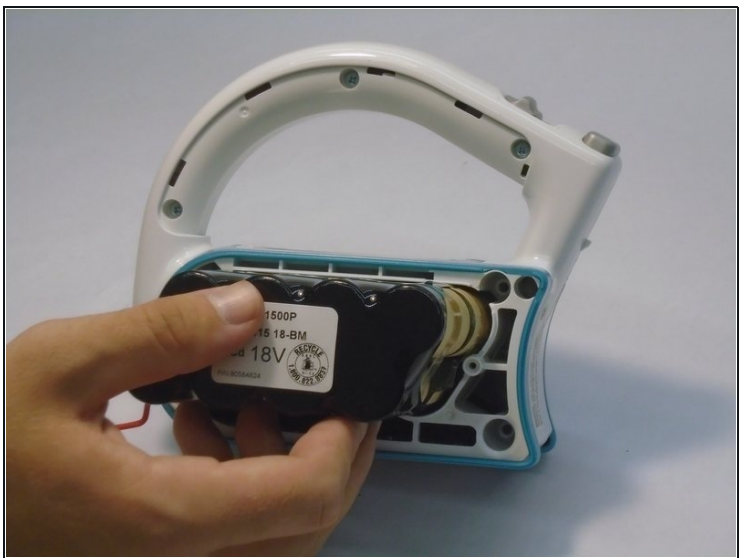
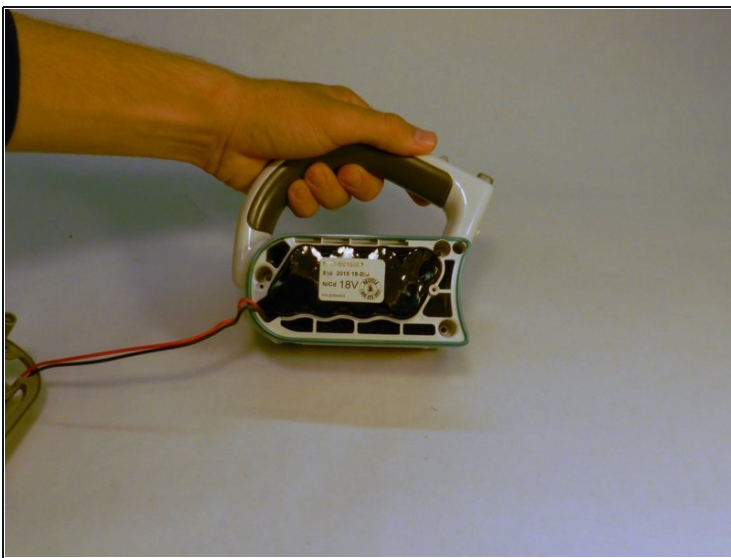
- Once the motor has been removed from its home the two wires that are giving it power can easily be removed by pulling on them carefully.
- This will then allow for you to replace the motor.

Step 7 — Battery



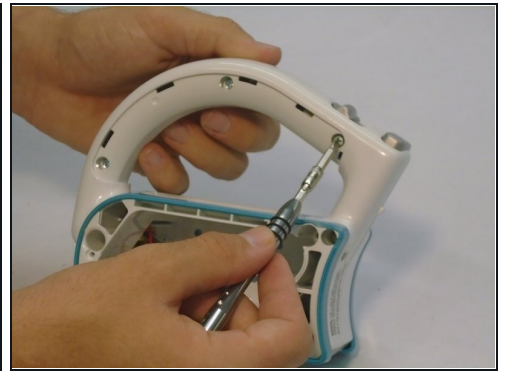
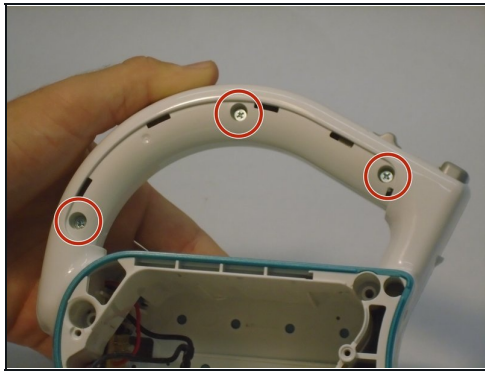
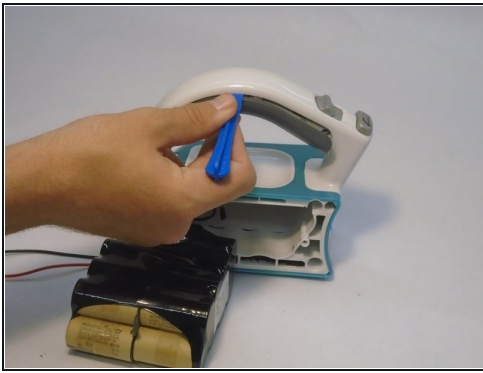
- Remove the three screws highlighted with red circles.

Step 8



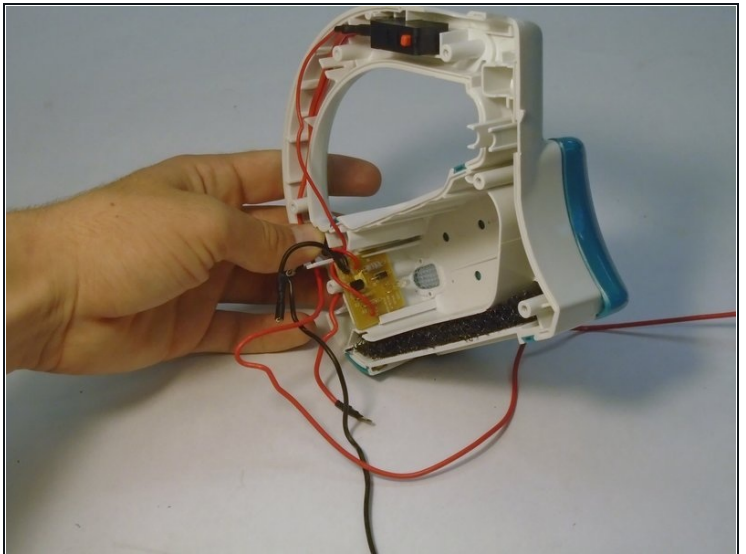
- Remove the battery by pulling it out of the slot it sits in.

Step 9 — Charging Port



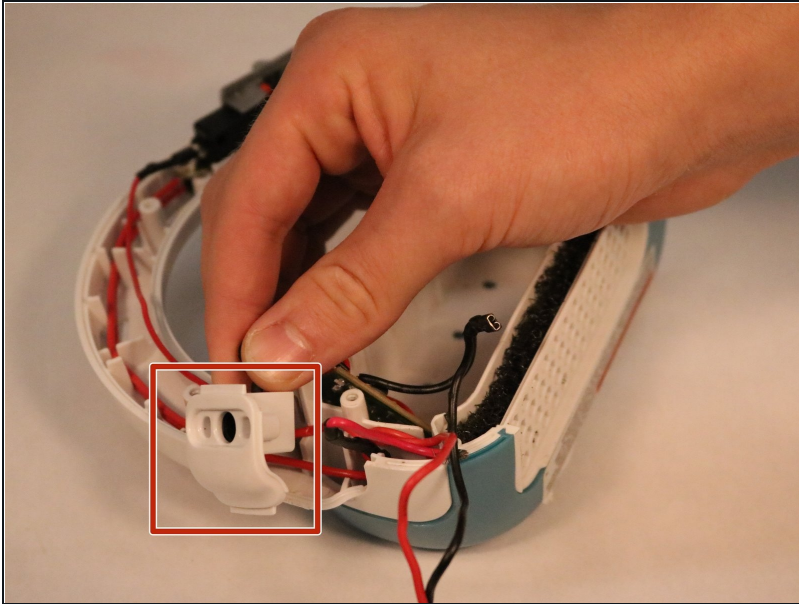
- To get to the charging port you will need the plastic opening tool.
- Remove the three screws on the handle of the vacuum.

Step 10



- Use a plastic opening tool to separate the two pieces of plastic.

Step 11



- Remove the plastic covering to the port.
- Remove the wires to replace the charging port.

To reassemble your device, follow these instructions in reverse order.