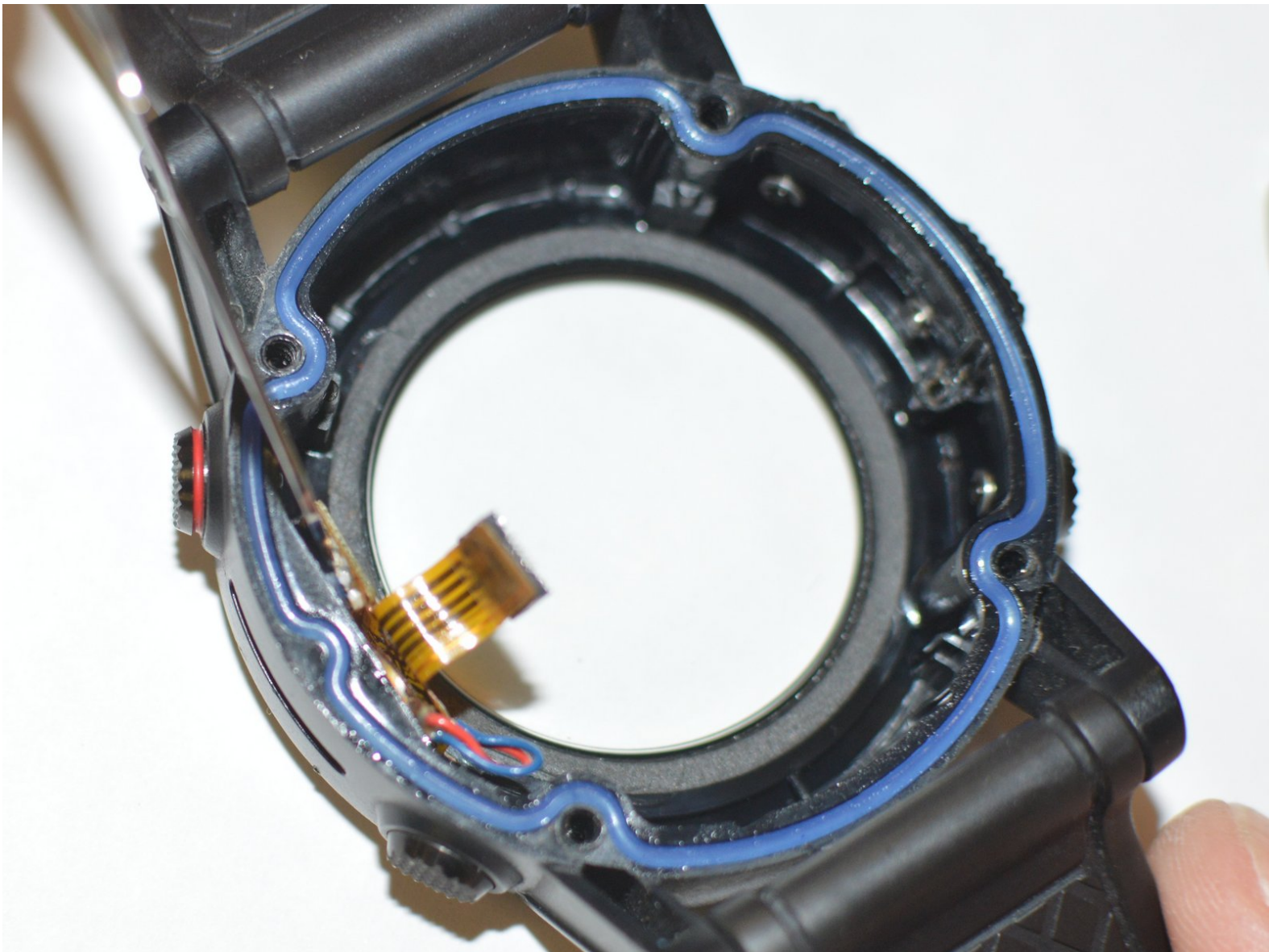




Garmin Fenix 2 Housing Replacement

How to remove all components from the Garmin watch.

Written By: Brandon Barger



INTRODUCTION

We will remove all of the components from the watch in order to replace the housing. You will need a nylon spudger and Torx T9 screwdriver.



TOOLS:

- [Spudger](#) (1)
 - [T9 Torx Screwdriver](#) (1)
-

Step 1 — Watch Straps



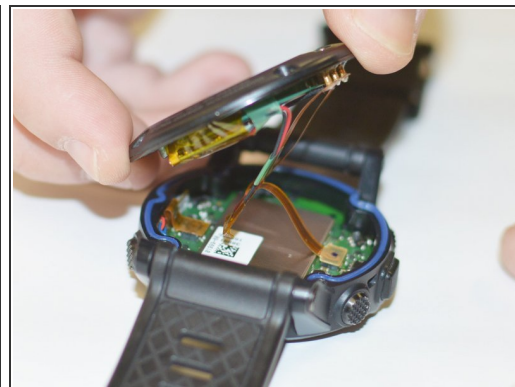
- Grab your Garmin watch and flip it over to get a good view of the four screws that connect the straps to the housing.

Step 2



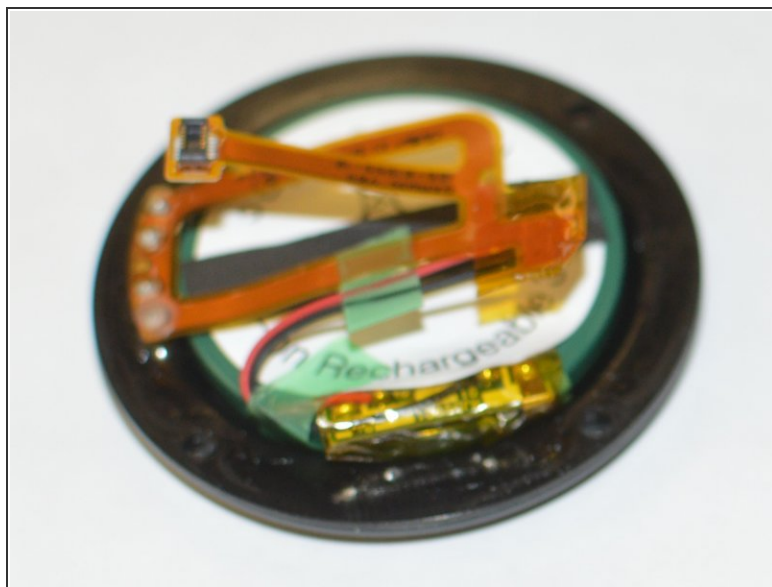
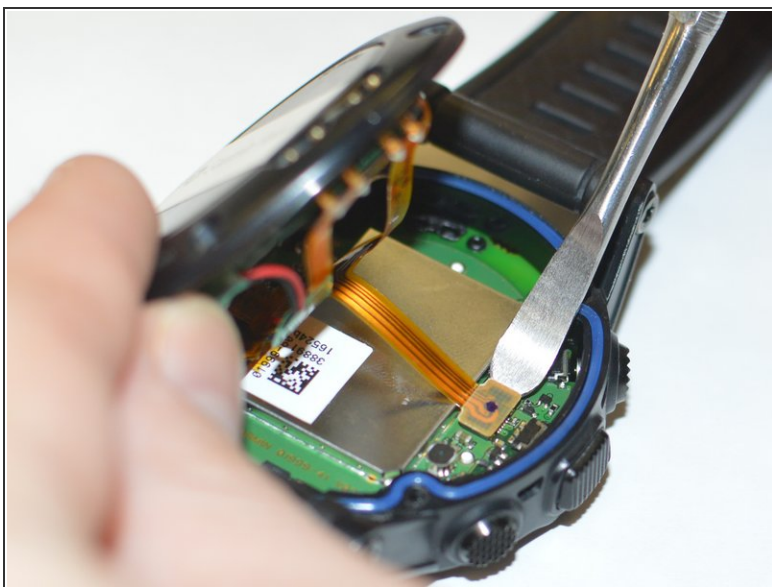
- Use a Torx T9 screwdriver to remove the four .8mm screws. Once the screws are removed the watch straps should fall out of the housing.

Step 3 — Battery



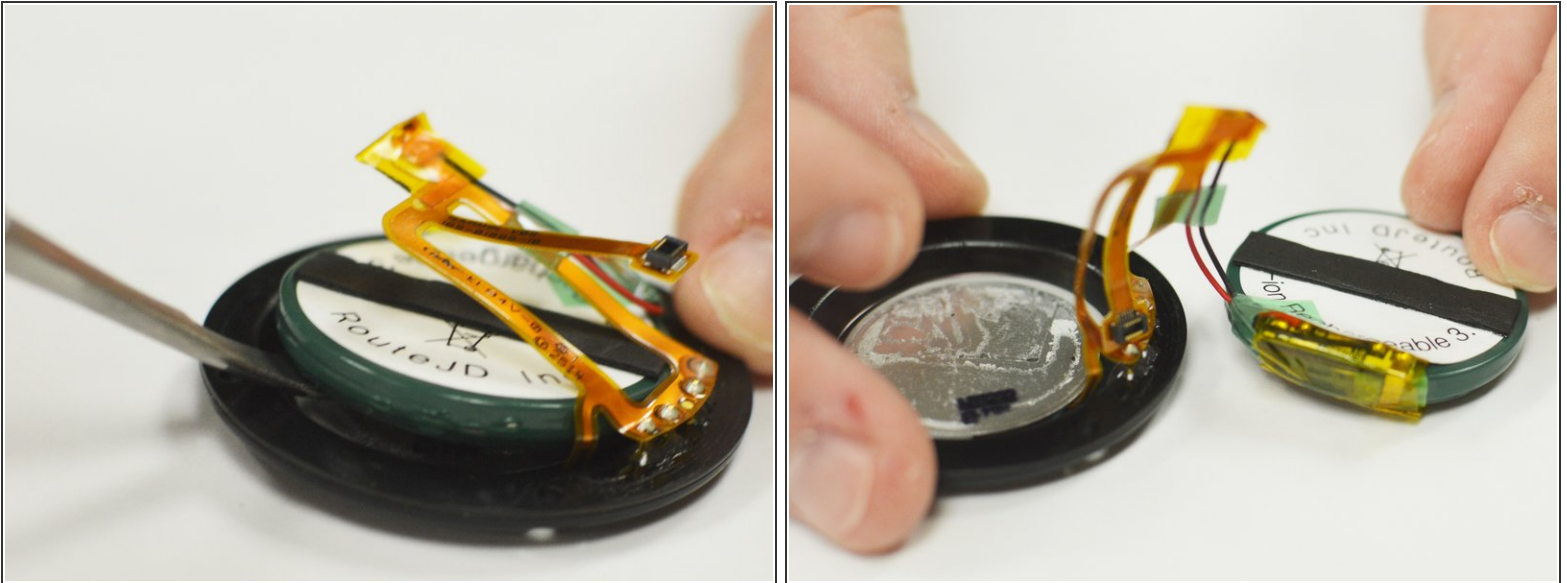
- Use a Torx T9 screwdriver to remove these four .8mm screws and separate the housing.

Step 4




- Use a spudger tool to disengage the power ribbon from the main board. Once the ribbon is disconnected you can separate the bottom piece of the housing that holds the battery.

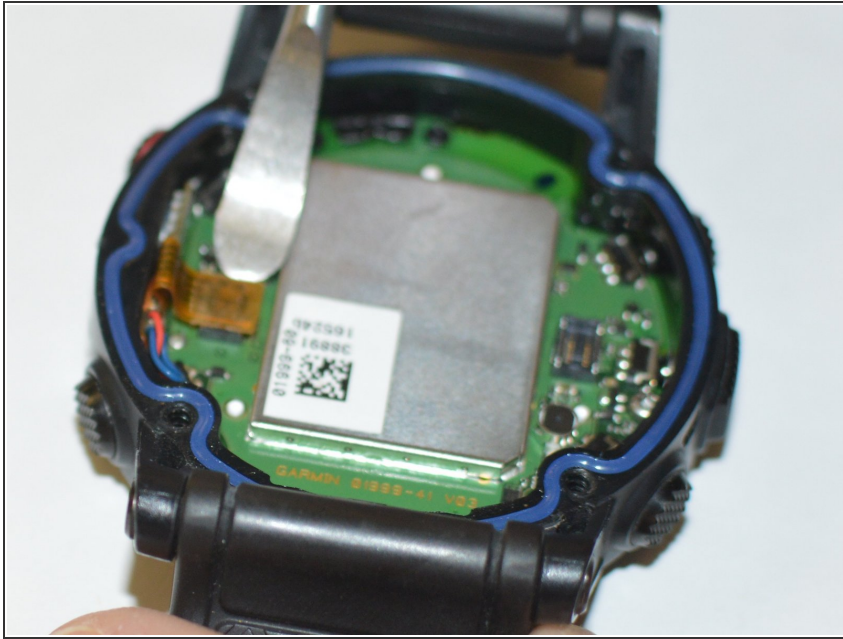
Step 5



- Use the spudger tool again and wedge it in between the battery and the housing, pry until the battery starts to separate from the adhesive holding it in place. Once you have the battery disconnected you are ready to replace it.

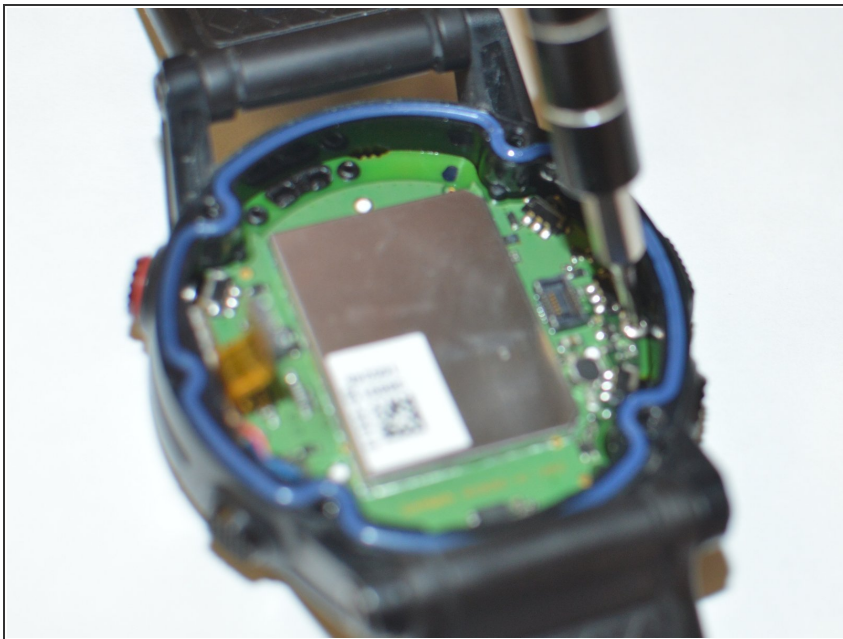
 Despite the fact that the metal spudger is shown being used in this step, make sure to use a plastic opening tool or nylon spudger to pry up the battery. The metal spudger has a much larger chance of puncturing the battery, and thus should not be used.

Step 6 — Motherboard



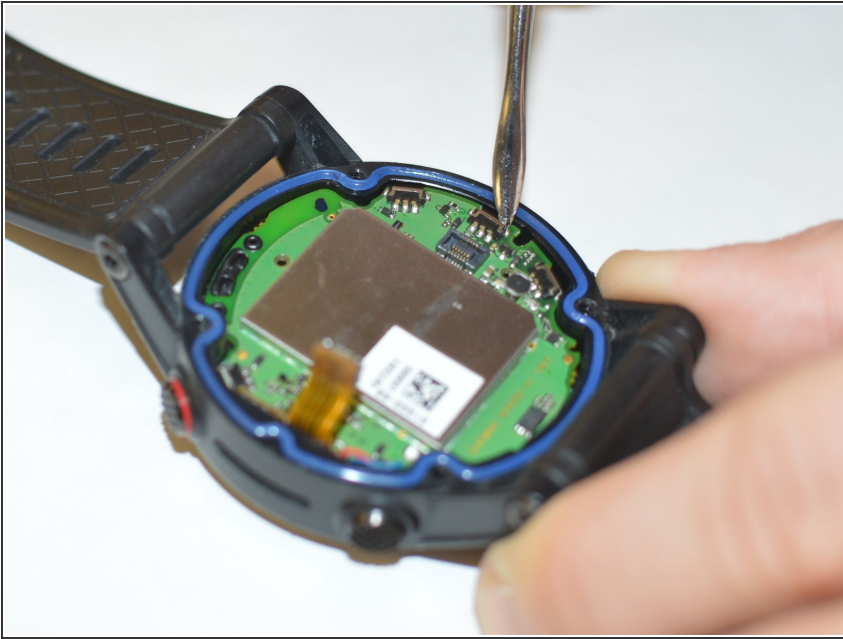
- Use a spudger to pry open the power ribbon from the main board.

Step 7



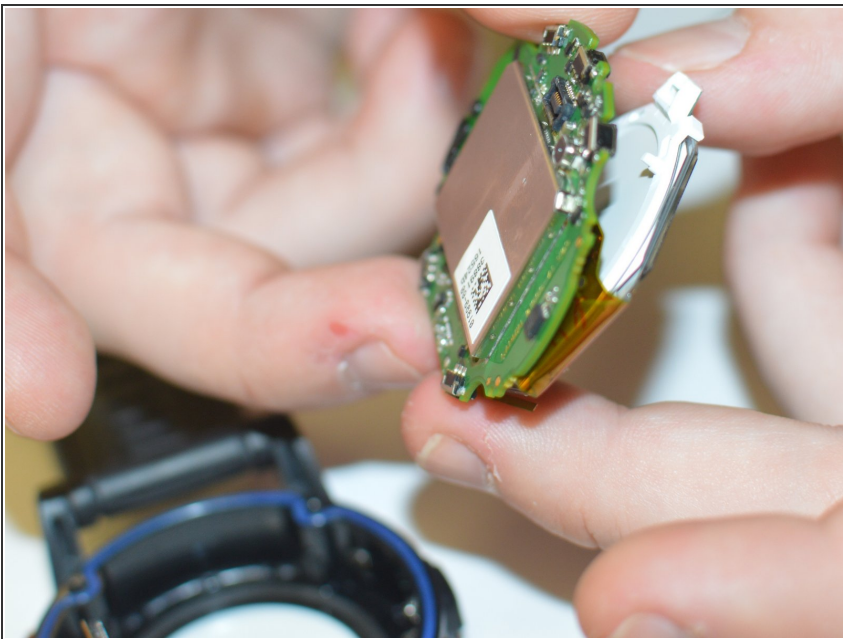
- Use your Torx T9 screwdriver to remove the one .8mm screw that holds the main board to the watch housing.

Step 8



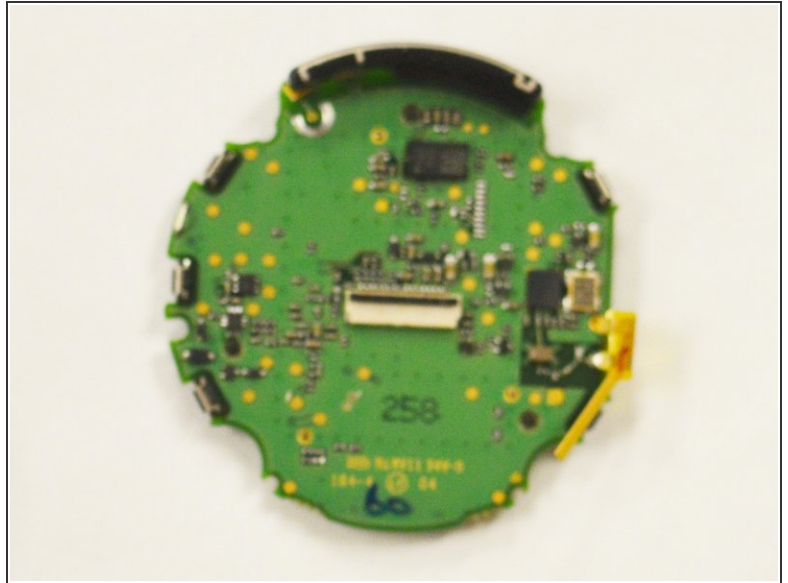
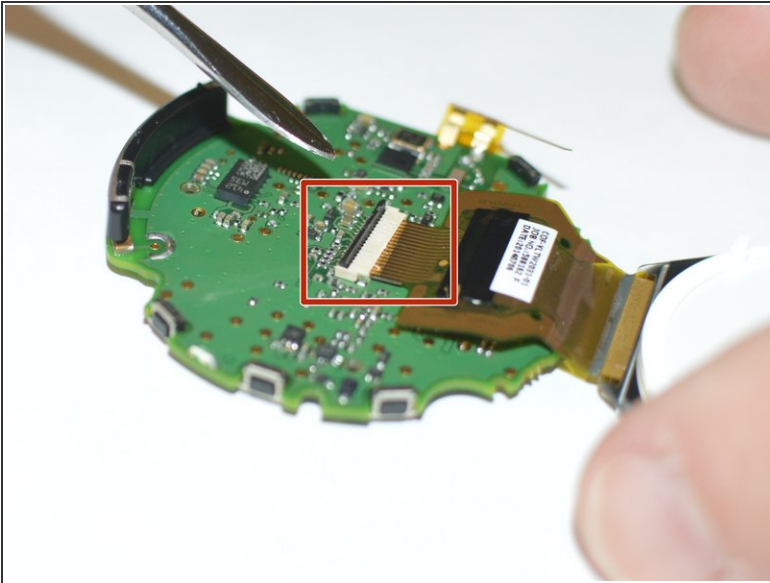
- Use the spudger to pry the motherboard out of the housing.

Step 9



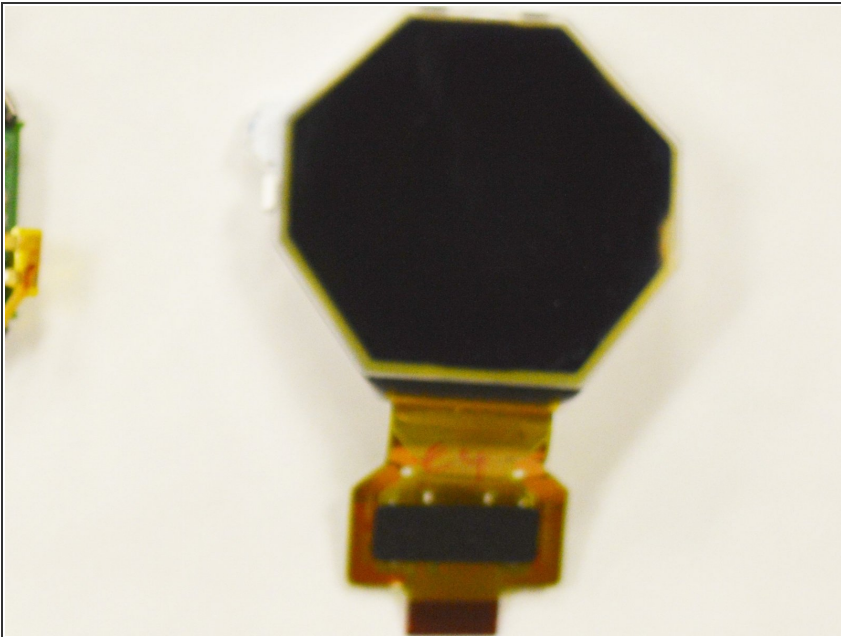
- Once removed simply separate the digitizer from the main board.

Step 10



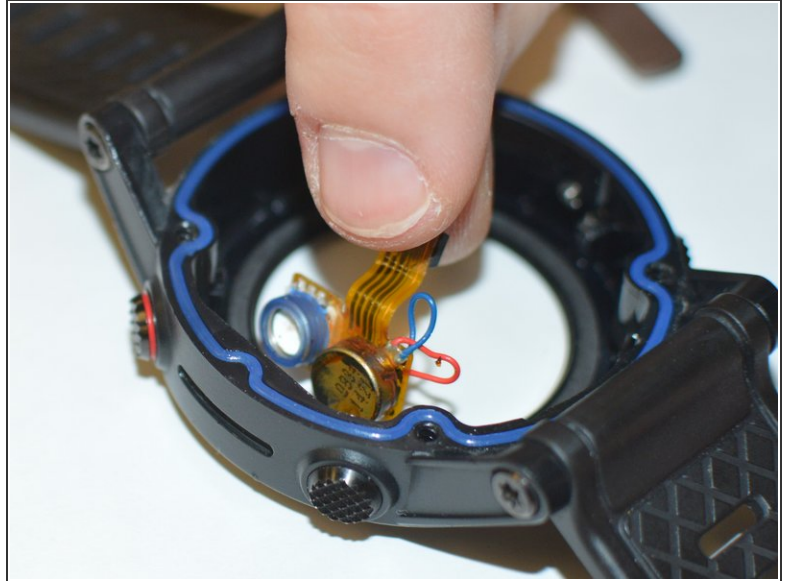
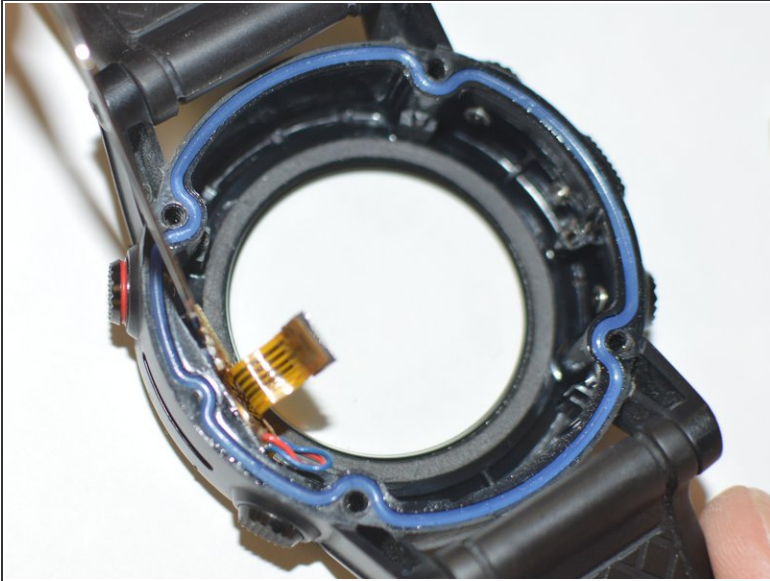
- Lastly use your spudger tool to pry the data ribbon open from the motherboard. Once the ribbon is removed the board will be free and you can replace the board.

Step 11 — Display



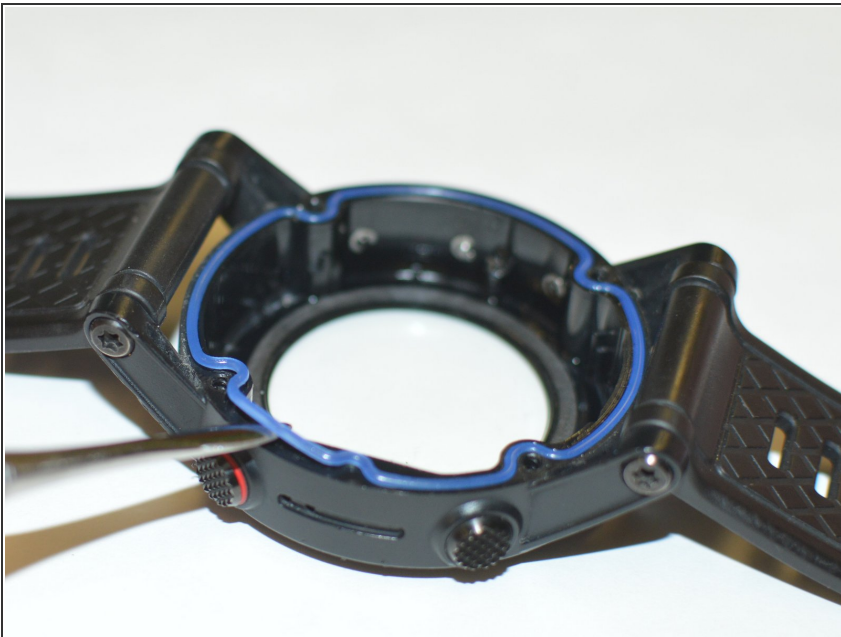
- The display is also ready to be replaced.

Step 12 — Housing



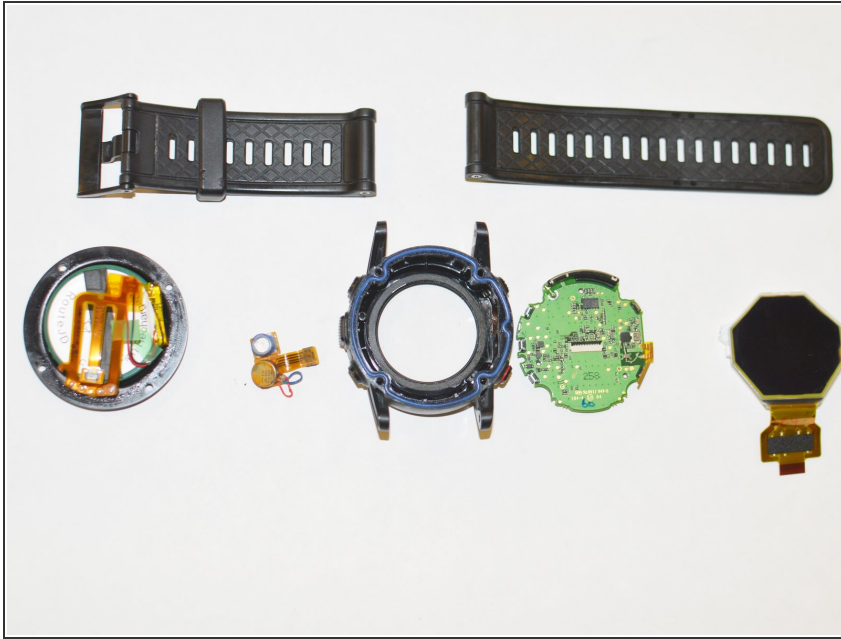
- Use a spudger tool to pry the soundboard out of its housing.

Step 13



- Remove the gasket seal from the housing.

Step 14



- Once all your components are removed the housing with buttons is ready to be repaired/ replaced.

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