



Garmin Fenix 3 HR Motherboard Replacement

How to replace a Garmin Fenix 3 HR motherboard.

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INTRODUCTION

This guide will give you all the necessary steps to change your old motherboard for a new one.

TOOLS:

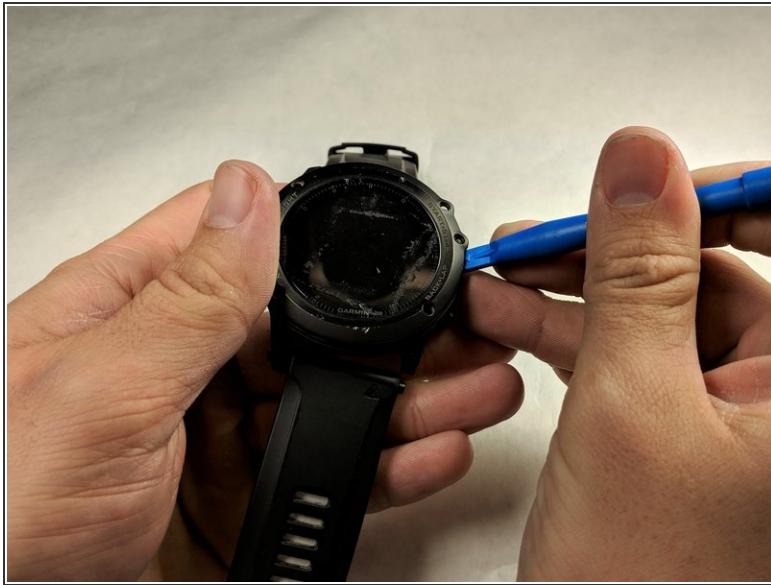
- [Tweezers \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [T5 Torx Screwdriver \(1\)](#)
- [Spudger \(1\)](#)

Step 1 — Motherboard



- Remove the five 7mm screws with H1.3 hex screwdriver.

Step 2

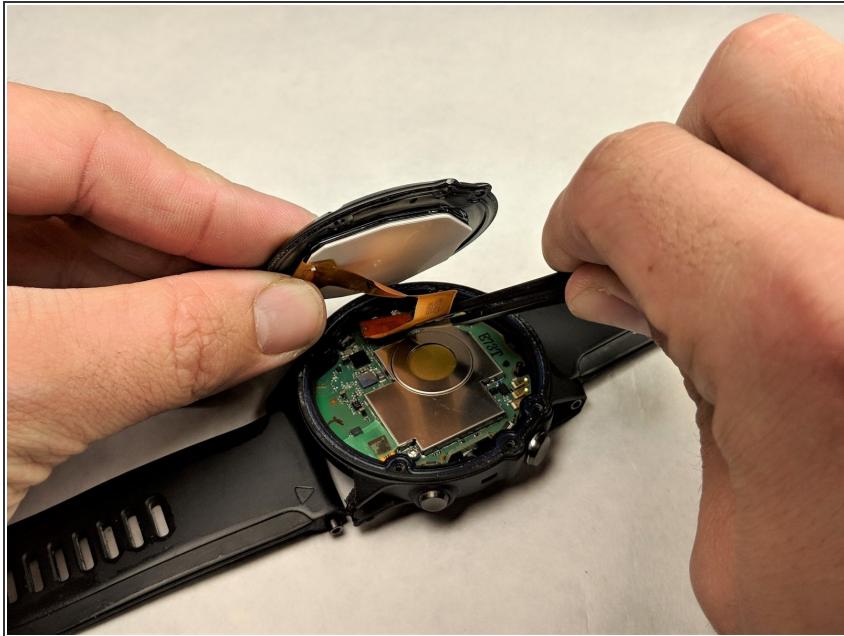


- Use a plastic opening tool to remove the face of the device to expose the inner components.
- There is one metal piece at the top of the face that is loose. This is the GPS antenna which will need to be removed as well.

 Be careful of the ribbon that connects the motherboard to the display.

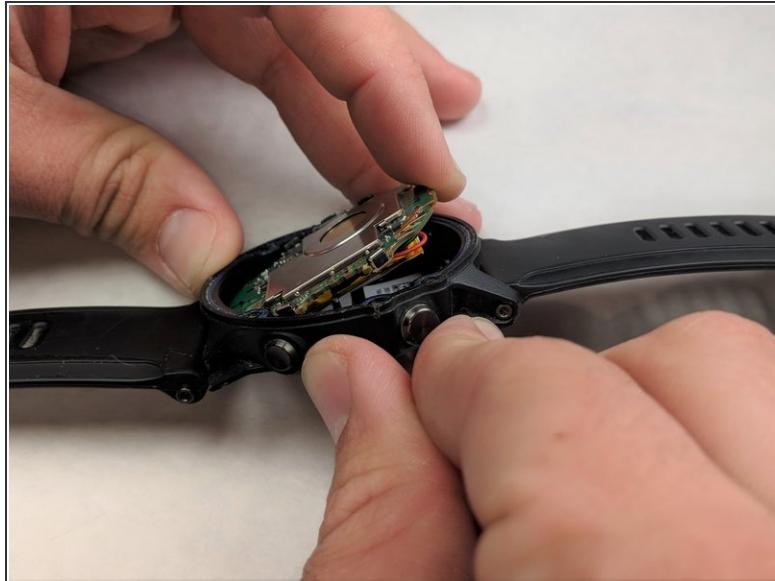
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Step 3



- Disconnect this ribbon from the motherboard using tweezers.

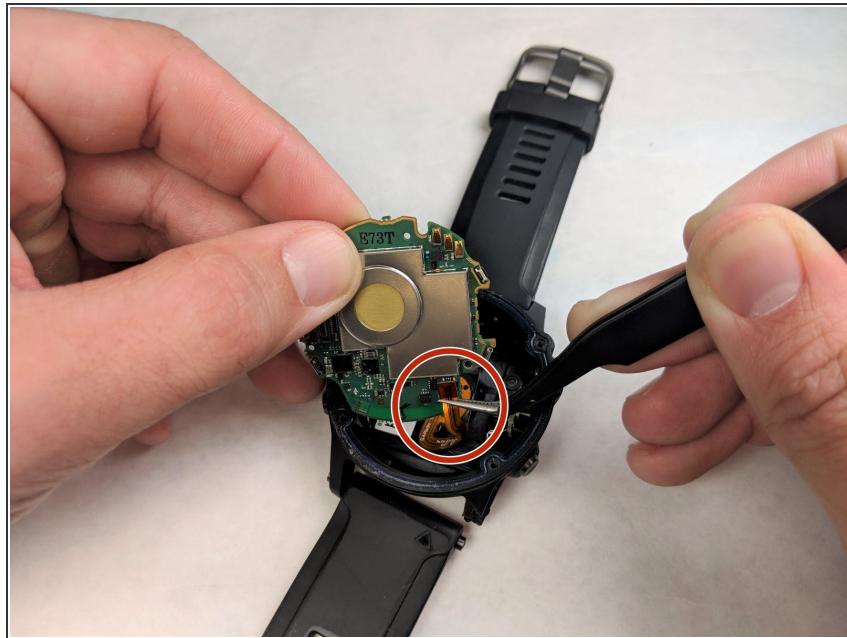
Step 4



- Using a T5 screwdriver, remove the two 5mm screws.

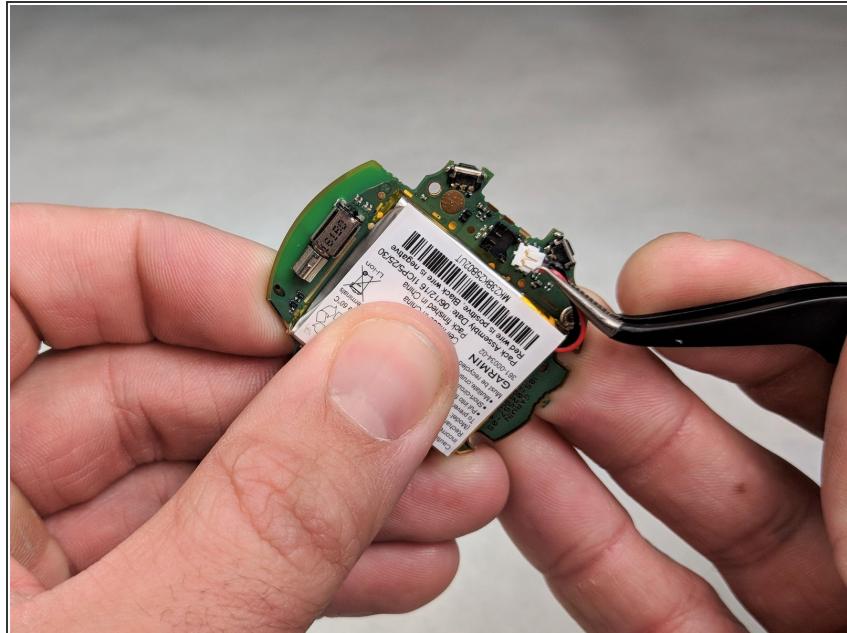
(i) The motherboard should move freely.

Step 5



- Another ribbon is attached from the underside of the motherboard. Disconnect this ribbon.

Step 6



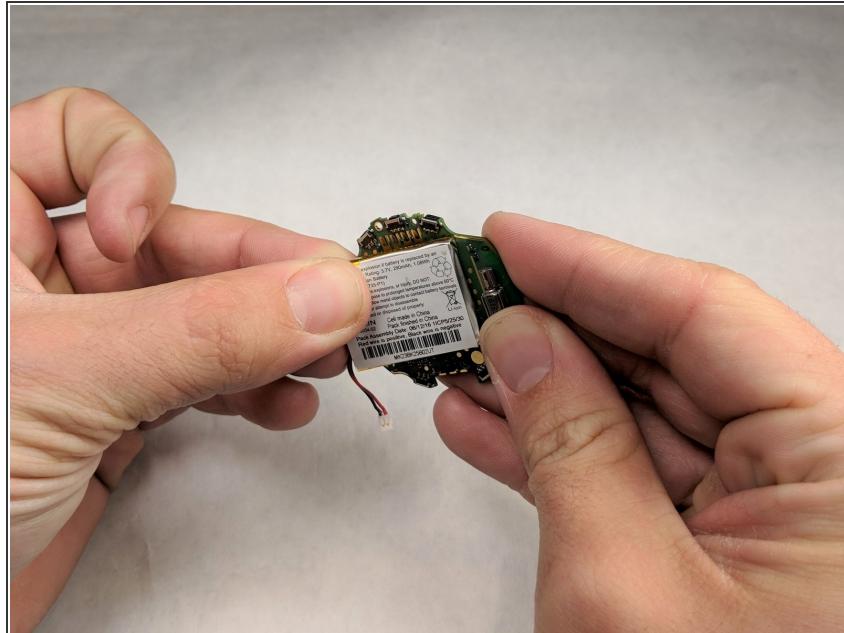
- Disconnect wires connecting battery to motherboard.

Step 7



- The battery is glued to the motherboard and will need pried off with a nylon spudger.

Step 8



- Now attach battery to new motherboard and reassemble.

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