



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:

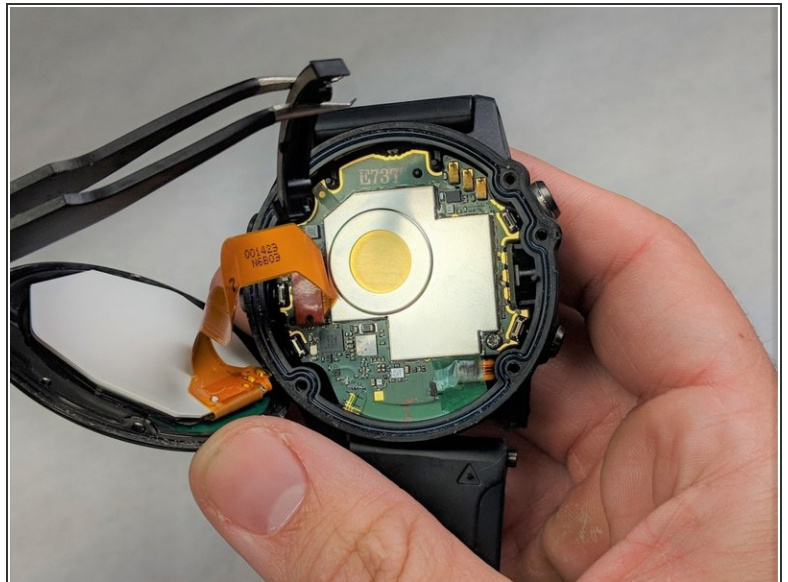
- [Tweezers](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [Spudger](#) (1)
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Step 1 — Motherboard



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

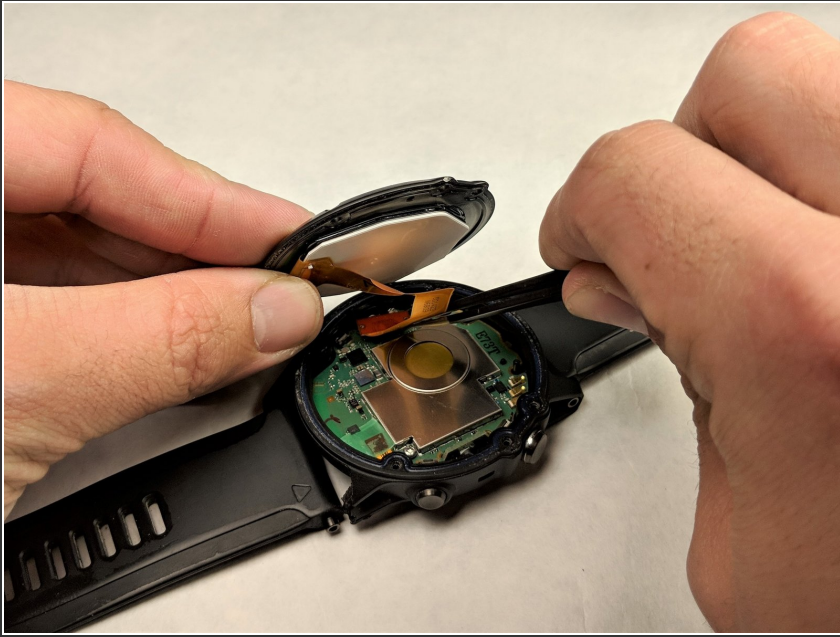
Step 2



- 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.

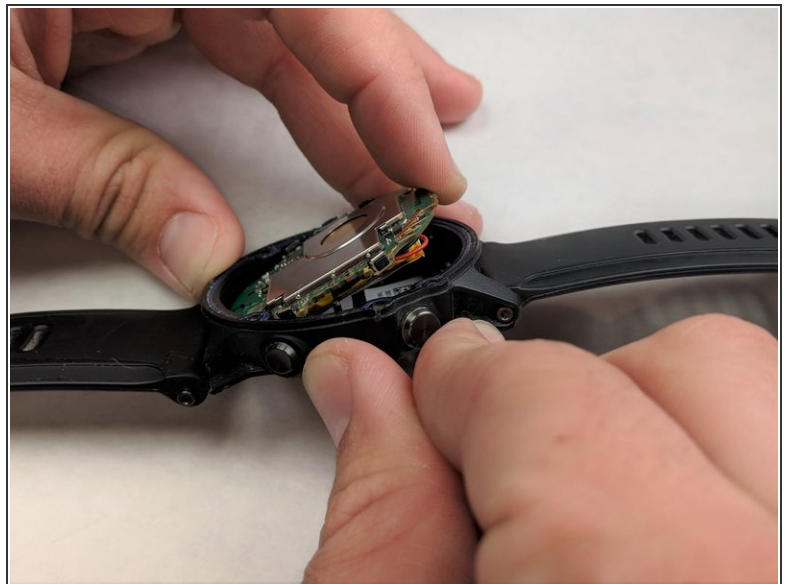
⚠ Be careful of the ribbon that connects the motherboard to the display.

Step 3



- Disconnect this ribbon from the motherboard using tweezers.

Step 4



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

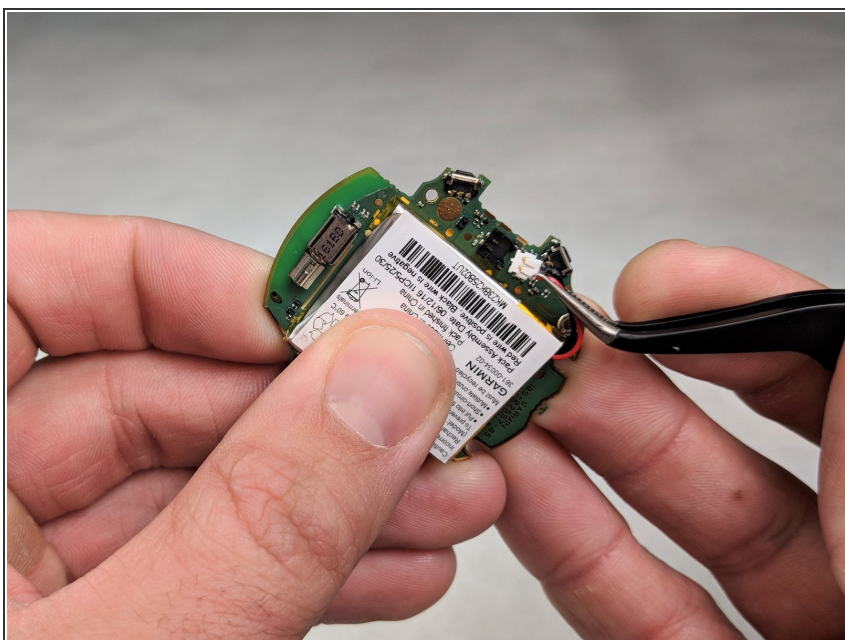
ⓘ The motherboard should move freely.

Step 5



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

Step 6



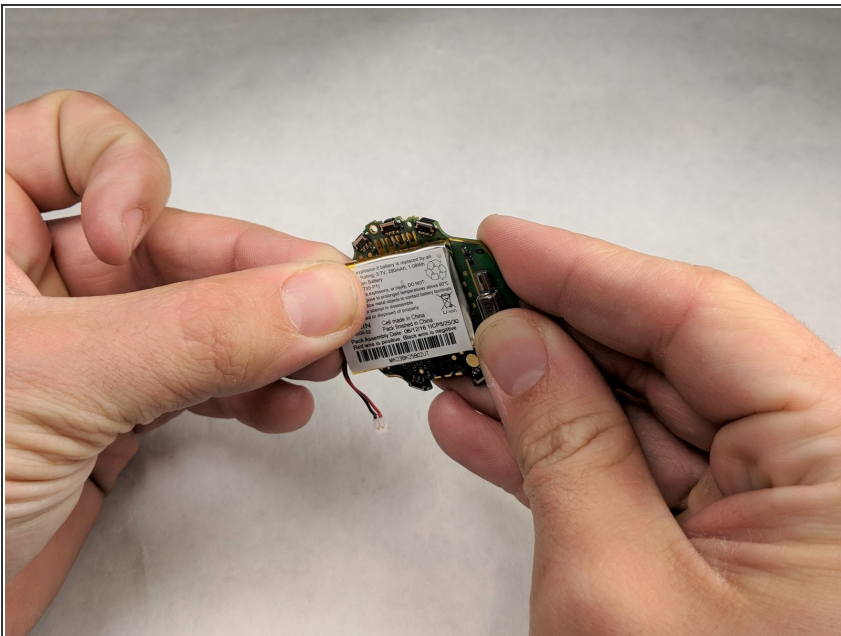
- Disconnect wires connecting battery to motherboard.

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.