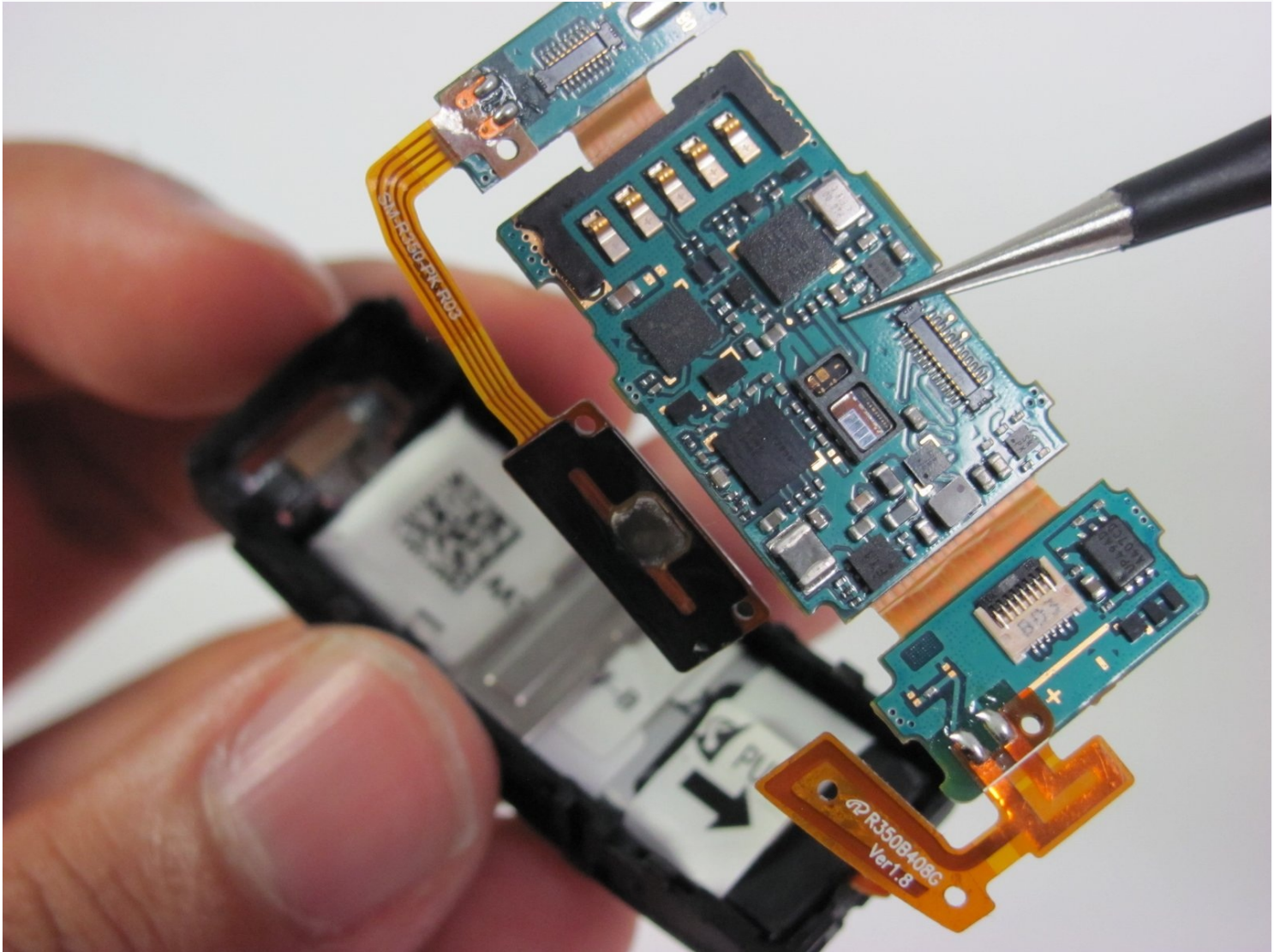




Samsung Gear Fit Motherboard Replacement

The motherboard of the Fit is hidden deep inside...

Written By: Nathan Powell



INTRODUCTION

The motherboard of the Fit is hidden deep inside the device, but once it's revealed, removal is just a matter of disconnecting a few ribbon cables.

TOOLS:

[Heat Gun](#) (1)

[iFixit Opening Picks \(Set of 6\)](#) (1)

[Tweezers](#) (1)

[iOpener](#) (1)

[iFixit Opening Tool](#) (1)

Step 1 — Watch Band



- Place your thumbs on the ends of the screen.
- Push the watch outward while pulling the band away from the watch.

Step 2 — Screen

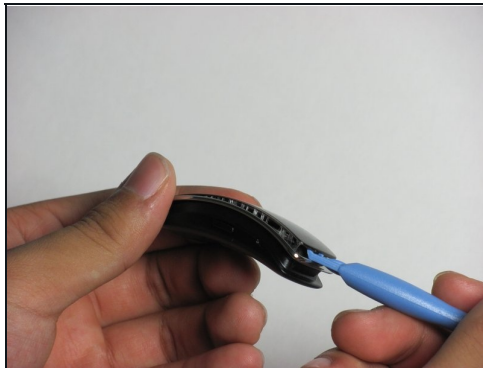
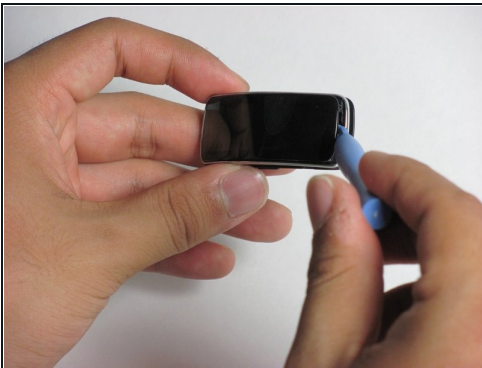


⚠ Heating the device with a hair dryer may warp the screen or damage the device. It is preferable to use an iOpener for this step.

ⓘ For step-by-step instructions on using an iOpener, see the [iOpener Instructions](#).

- Use a hair dryer, heat gun, or an iOpener to heat the Gear Fit for 1-2 minutes until it is hot to the touch.

Step 3



⚠ The screen is connected to the device by a ribbon cable on the left side with the power button facing you. Do not try to completely separate the screen from the device yet, and be careful.

- Gently pry the screen loose using a plastic opening tool.

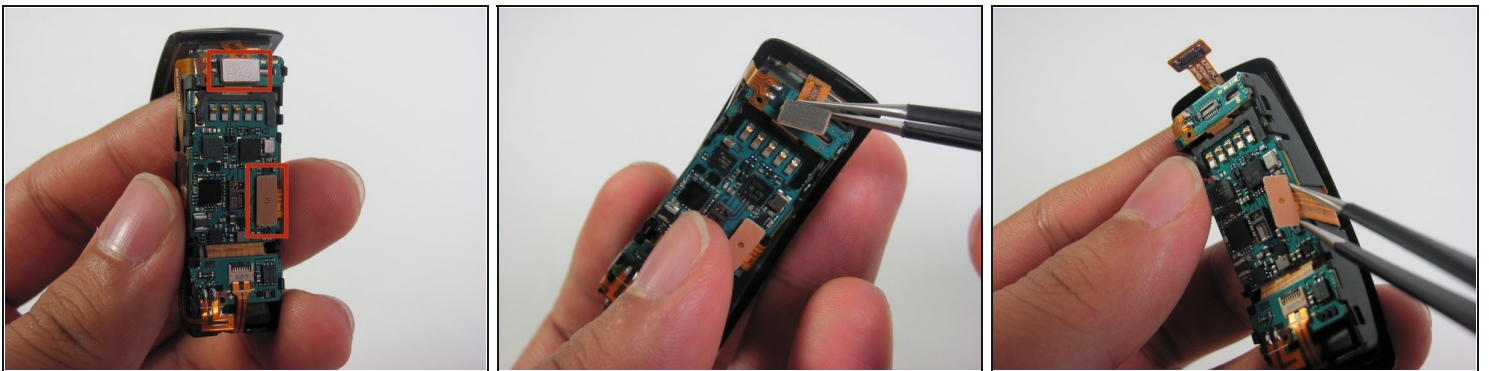
ⓘ If the screen doesn't easily come loose, more heating may be required

Step 4



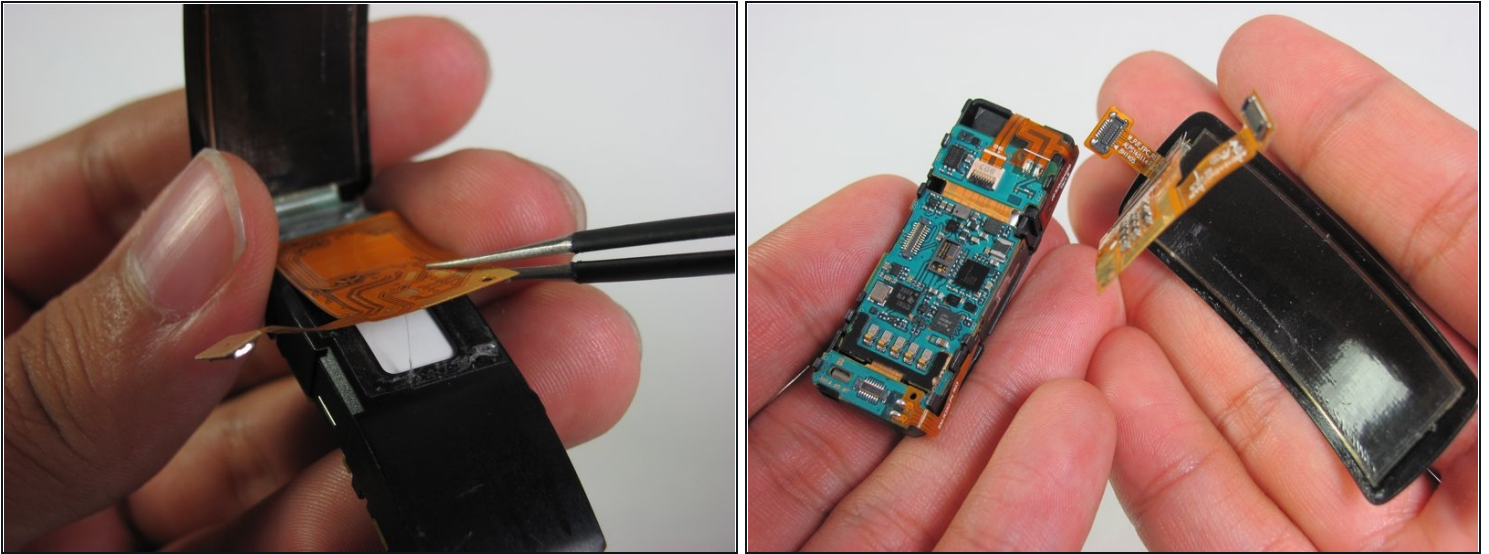
- Using [tweezers](#) as a lever, pry the inner assembly out of the external casing.
- This will be harder than removing the screen. Moderate force may be required.

Step 5



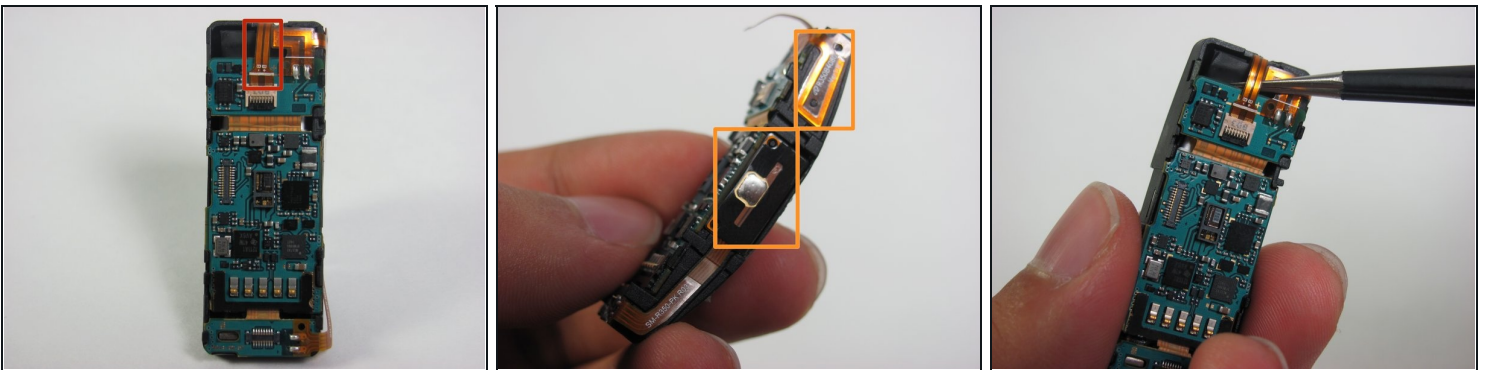
- Disconnect the ribbon cables connecting the screen to the motherboard by lifting their metal connectors up off of the board with tweezers.

Step 6



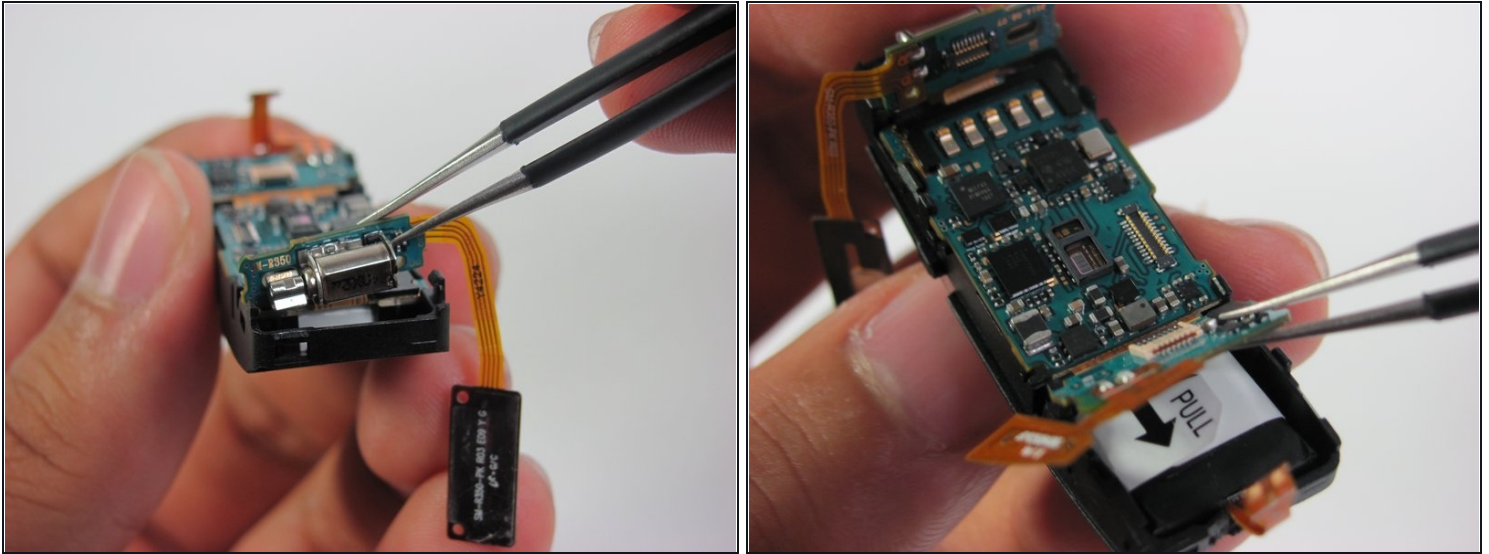
- Gently peel the screen assembly up and away from the device using tweezers.

Step 7 — Motherboard



- Three ribbon cables hold the motherboard to the rest of the assembly.
- The battery cable in the front.
- ☒ When reassembling the device, make sure the battery cable is securely connected. Moderate force may be required to push it in all the way.
- And two on the side.
- Using a pair of [tweezers](#), carefully pull each connector away to disconnect it from the rest of the assembly.

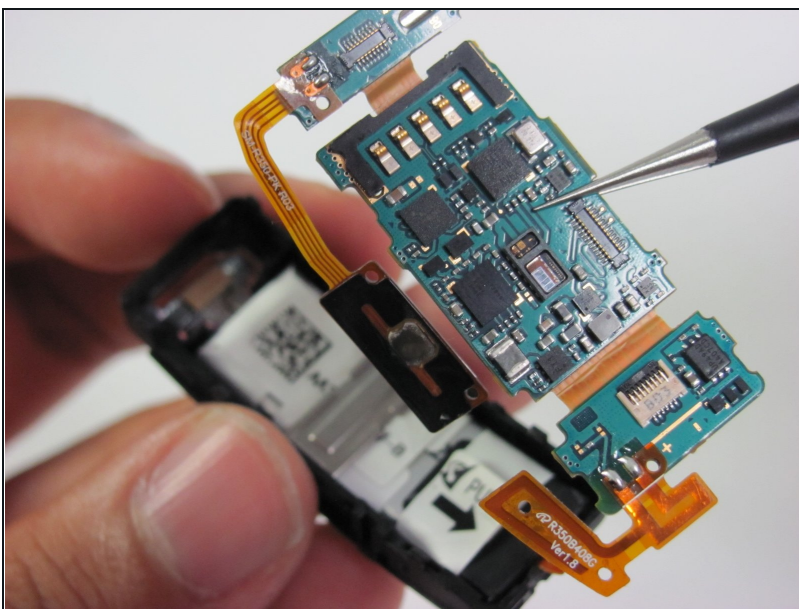
Step 8



- The motherboard is a segmented three piece construction.
- Use tweezers to first lift up, with a moderate amount of force, and free each ends of the motherboard from the assembly.

⚠ Be sure to use ESD safe tweezers to prevent static discharge from zapping your device.

Step 9



- The motherboard should now be removable from the assembly.
- Use tweezers to lightly pry, lift, and remove the board by its middle section.
- ⓘ If the motherboard is stuck it may be caught on the assembly. Wiggle it around to free it. You may also need to pull the edges of the assembly away from the motherboard to create space.

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