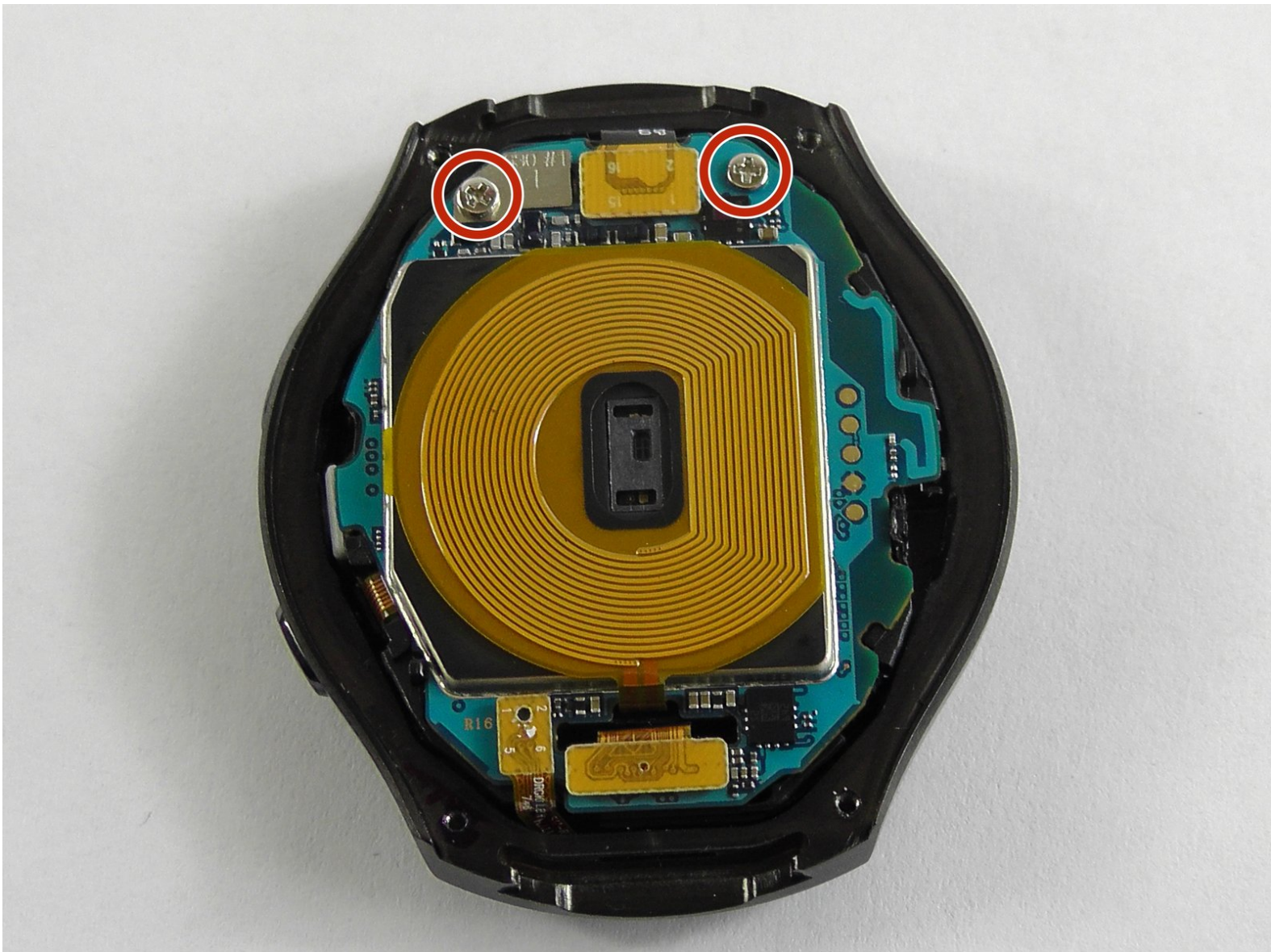




Samsung Gear S2 Motherboard Replacement

Use this guide to replace the motherboard on your Samsung Gear S2 smartwatch.

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INTRODUCTION

Have your applications or watch become unresponsive? Replacing the motherboard may fix these issues.



TOOLS:

- [Tri-point Y0 Screwdriver](#) (1)
 - [Heavy-Duty Spudger](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Watch Strap



- Flip the watch over so that the face is down.
 - Using a Y#0 screwdriver, unscrew the four 3.5 millimeter tri-head screws.
- ⚠ Remember to turn off the watch to avoid being shocked.

Step 2



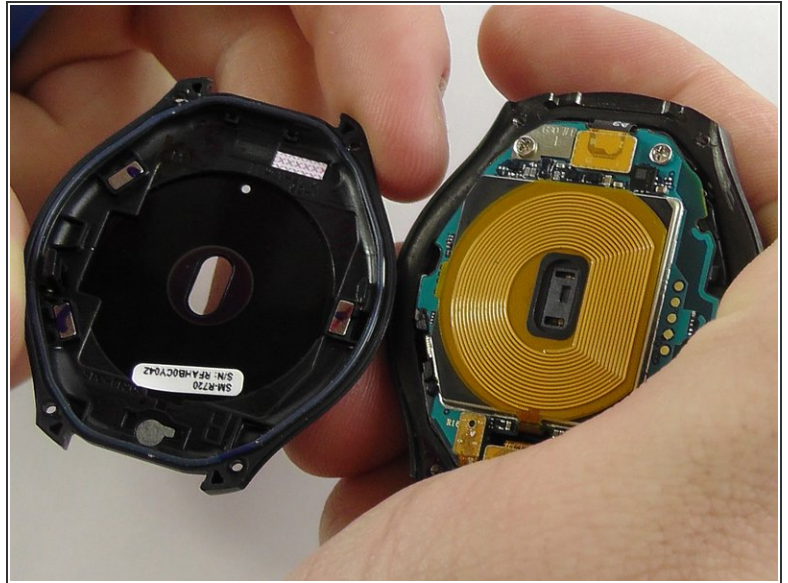
- Using your finger, push forward on the release while pulling up on the strap.
- ❗ You may find it helpful to use the flat end of a spudger to push on the release instead of your finger.

Step 3



- Repeat the procedure from step 2 for the other strap.

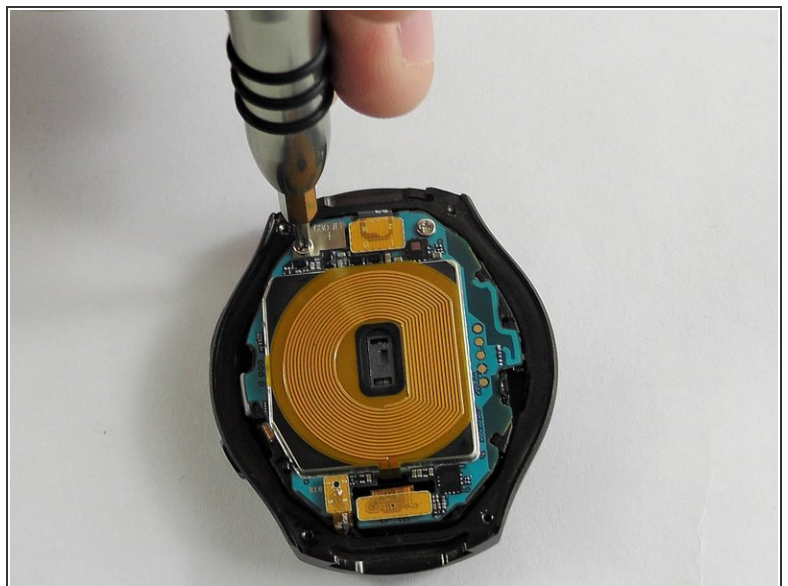
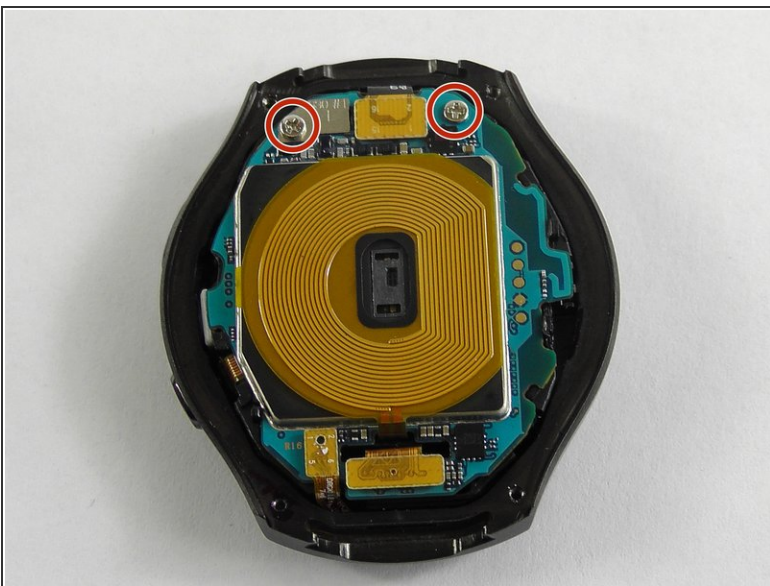
Step 4 — Back



- Insert a plastic opening tool between the top and bottom portions of the case, and gently pry off the back.

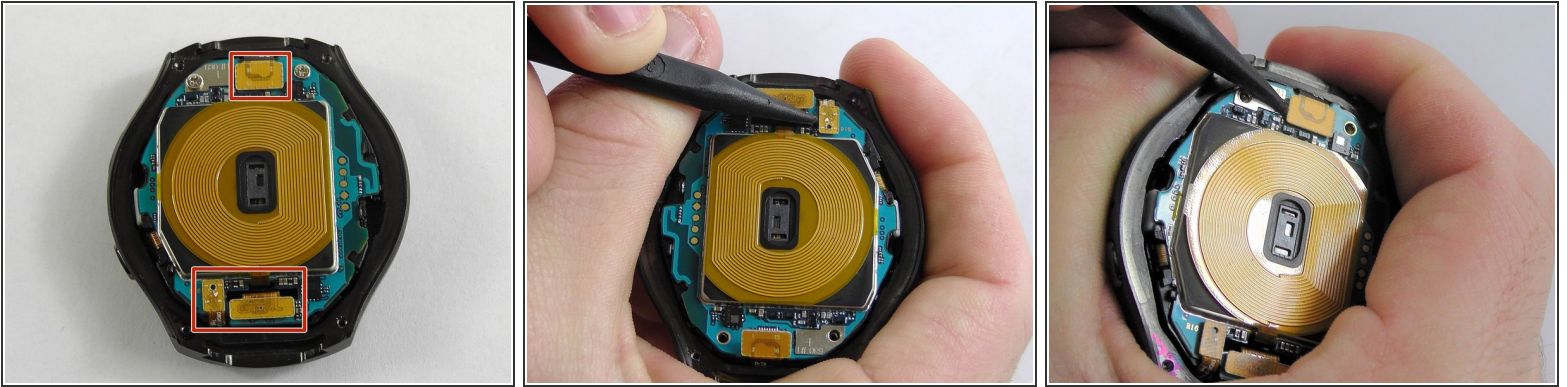
⚠ Do not insert the tool more than 3 millimeters into the case. Inserting more than 3 mm may damage the seal and electric components.

Step 5 — Motherboard



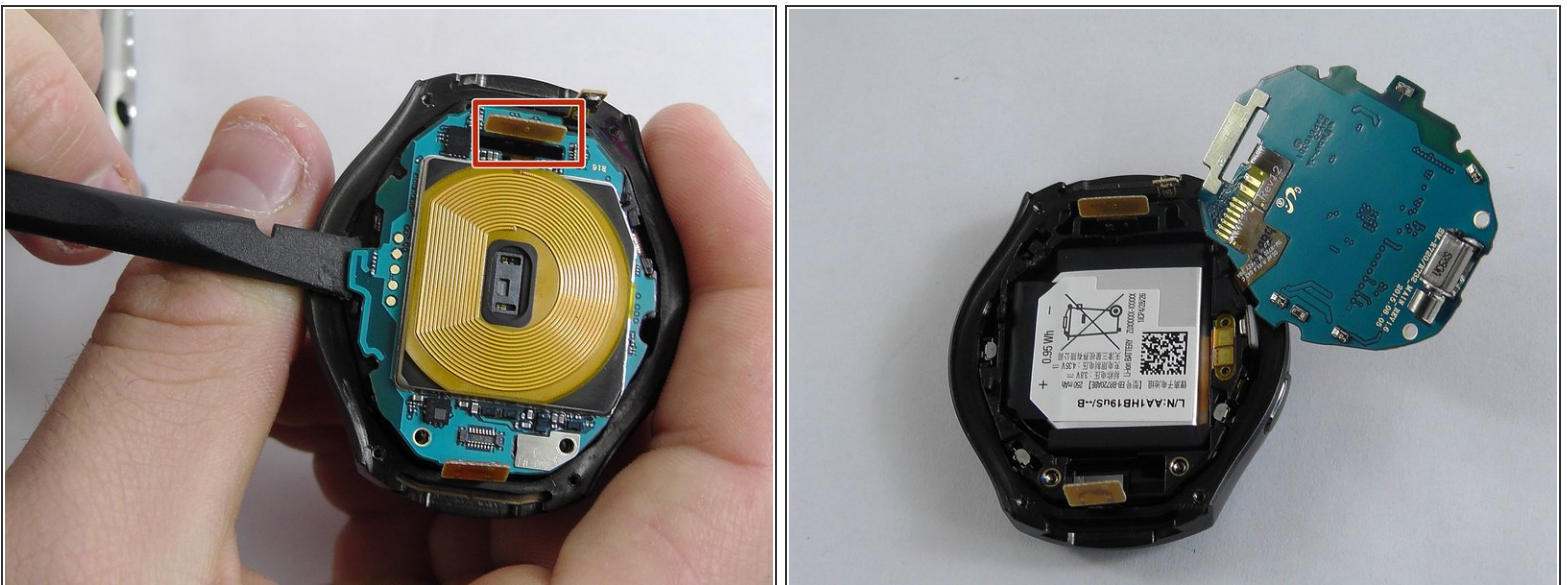
- Using a Philips head #00 screwdriver, remove the two 3.6 millimeter screws.

Step 6



- Using a spudger, pry up the three cables.

Step 7



- Using the flat end of a spudger, pry up the motherboard.
- ⚠ Make sure the cable is fed through the hole to avoid damaging it.
- The motherboard is attached to the battery casing, so place the motherboard in the orientation shown once freed.

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