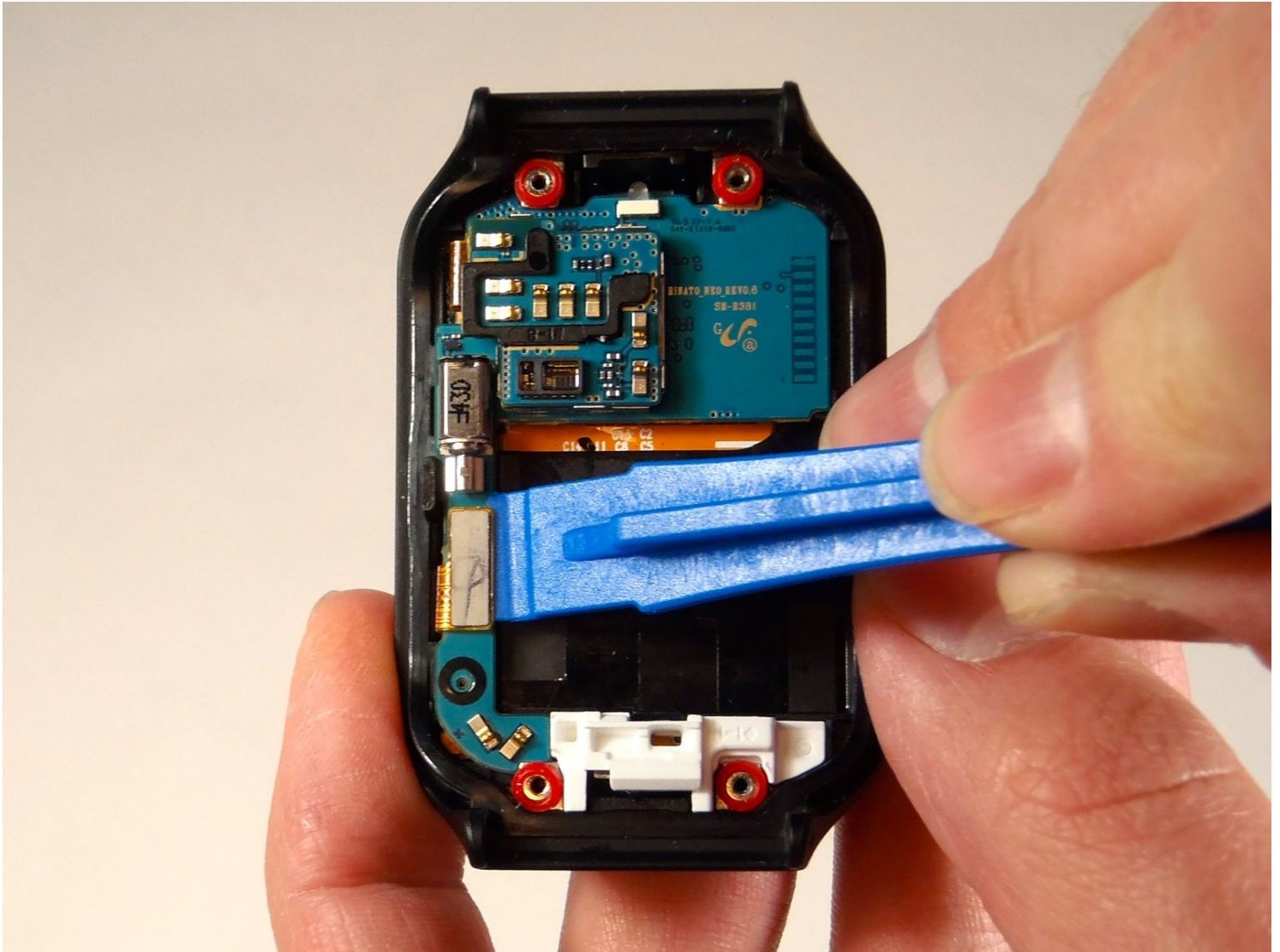# Samsung Gear 2 Neo Motherboard Replacement

If your Infrared stops working, your devices'...

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INTRODUCTION

If your Infrared stops working, your devices' RAM isn't functioning, or if the core of the Gear 2 Neo stops working then this guide will help in replacing the motherboard which have each of these integrated into it. This has a difficulty of 3 out of 10, and should only take about 5 minutes to complete.

TOOLS:

iFixit Opening Tool (1)
T5 Torx Screwdriver (1)
Tweezers (1)

PARTS:

Samsung Gear 2 Neo Motherboard (1)

Step 1 — Battery

- Remove the wristband by sliding the metal pins located on both sides of the wrist band, and pulling the wristband off.
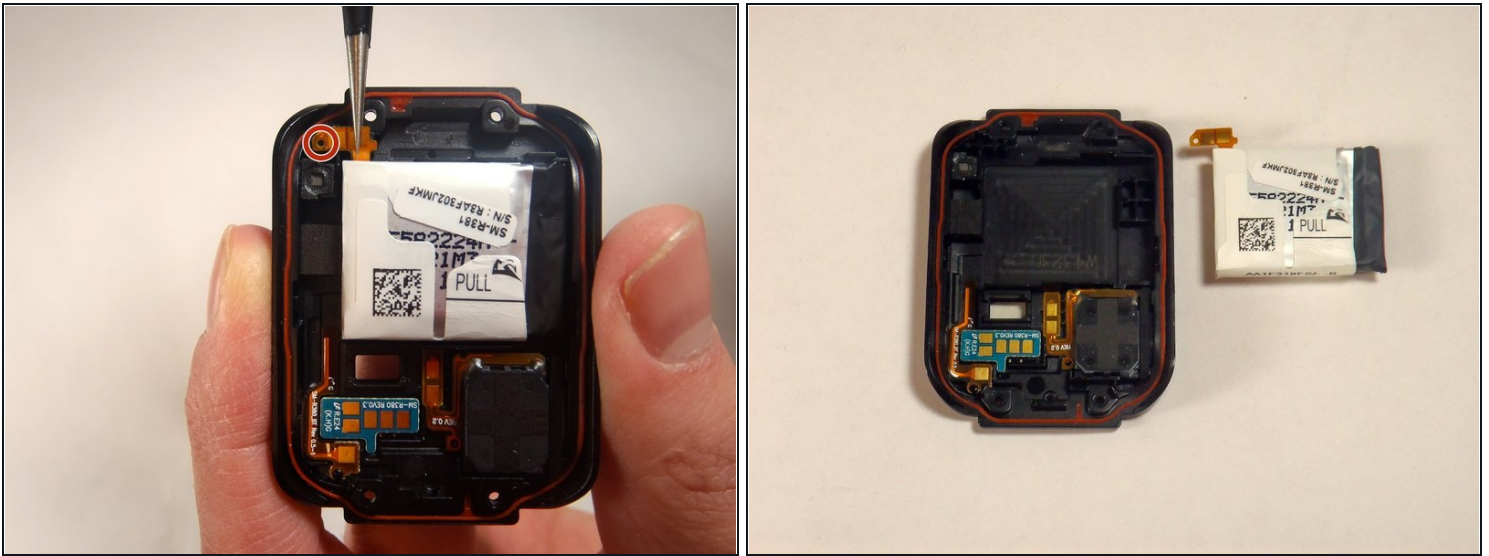
Step 2

- Use a T5 Torx Screwdriver to remove the 4 (0.4 mm) screws located on the back of the watch.
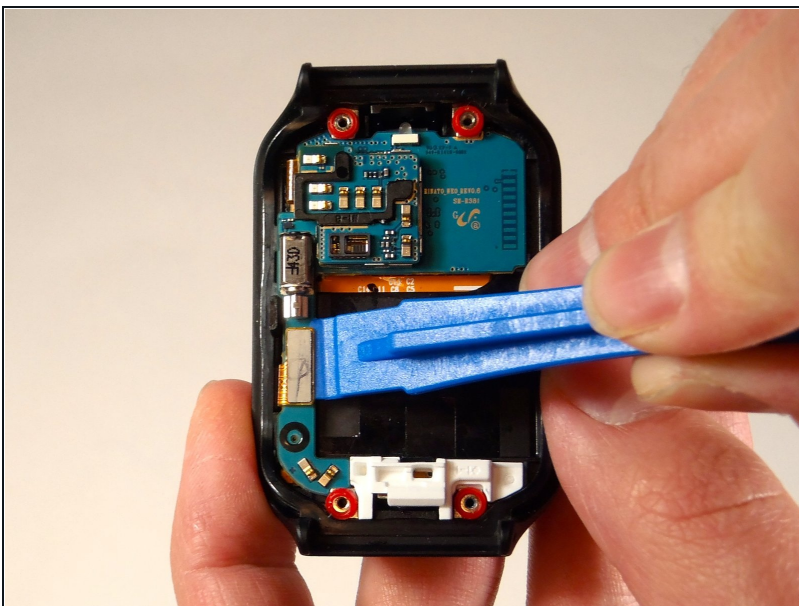
Step 3

- Slide the opening tool in between the two halves of the case and slide along the edge of the watch while gently prying the back cover away from the face of the watch.
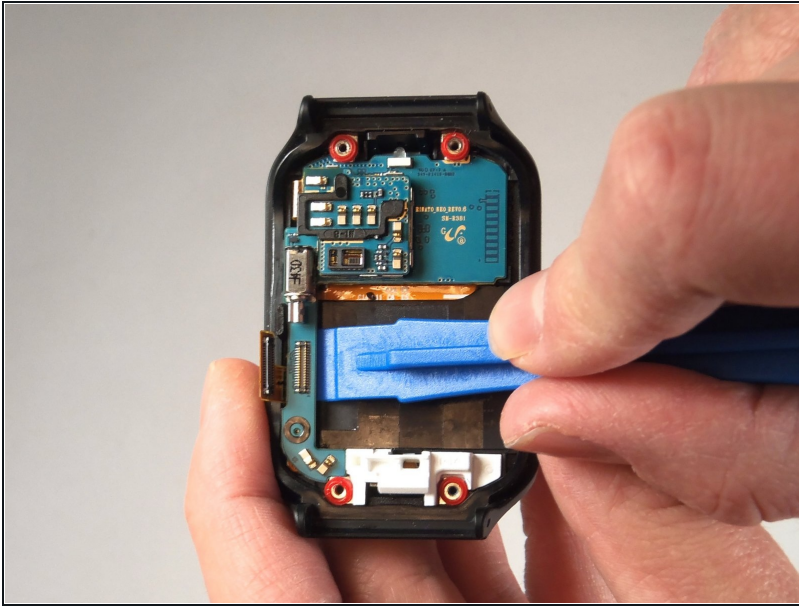
Step 4

- Use a pair of [tweezers](#) to peel the battery ribbon cable off of the back cover.
  ⚠ Avoid damaging the gold terminals on the ribbon cable.

- 📌 When reassembling, make sure that the yellow strip snaps back on to the black pin.
  - The pin is located, and marked on the picture.

- Pull up on the tab that says, "Pull", the battery will lift straight out.

Step 5 — Motherboard

- Using the plastic opening tool, pull up on the flex connector. It will come off the motherboard, but will stay attached to the cover like a hinge.

Step 6

- Place the plastic opening tool underneath the motherboard at this location. Gently pry the motherboard away from the front cover. It should pop off and be free from the cover.

ⓘ Attached to the motherboard is the infrared LED Light. To replace the IR LED, you may need to replace the entire motherboard.

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