Charge 3 Teardown

Fitbit Charge 3 Teardown

Written By: Mathieu Mongeau
TOOLS:

- T3 Torx Screwdriver (1)
- T2 Torx Screwdriver (1)
- Heat Gun (1)
- Razor Blade (1)

A thin spudger would also work
Step 1 — Strap Connectors

- Remove both T3 screws
- Slide off the plastic piece by lifting out and then up
- Slide plastic and spring assembly off the rail

Step 2 — Display

- Heat the glass screen with a blowdryer to soften the adhesives

⚠️ Start the next step on the opposite side of the Fitbit wording below the glass. This is due to the display cables being located there

- Insert a razor blade between the glass and the body
- Keep going around the rim of the display until loose
Step 3 — Cable Warning

⚠️ This is how close those cables get to the edge underneath the Fitbit wording so be careful.

Step 4 — Battery

- Lift display up gently

⚠️ The battery is attached with a little bit of adhesive so lift gently

- Remove battery connector
Step 5 — Vibrator Shield

- Remove both T2 screws
- Liftoff metal shield

Step 6 — Main Shield

- Remove two T2 screws
- Remove T3 screw
- Liftoff metal shield
Step 7 — Display Connectors

- Lift off both display connectors

Step 8 — Disconnect Connectors and Altimeter

- Disconnect vibrator motor
- Disconnect heartrate and charging connector
- Remove altimeter
Step 9 — Side Button and Vibrator

- Remove button assembly from case
- Remove vibrator motor
  - Has a slight bit of adhesive and is magnetic to the case

Step 10 — Motherboard

- Remove motherboard
  - It seems as if the heart rate sensor and charging pins are molded into the case, and I was not able to remove them