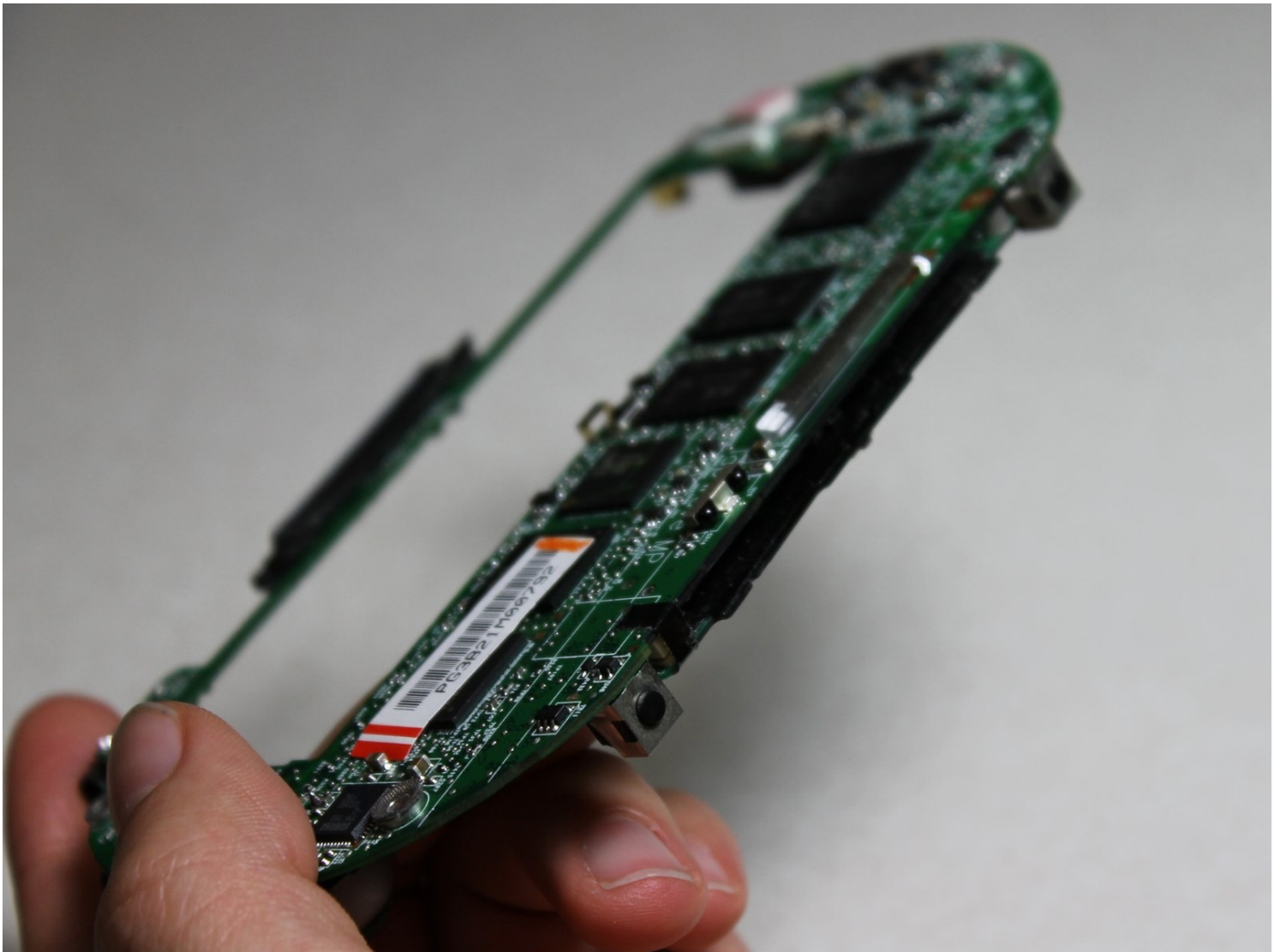# Tapwave T2907US Zodiac 2 Shoulder Button Replacement

Use this repair guide when the shoulder buttons...

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INTRODUCTION

Use this repair guide when the shoulder buttons need to be replaced.

🔧 **TOOLS:**

Tweezers (1)
Phillips #00 Screwdriver (1)
Soldering Workstation (1)
Spudger (1)
T5 Torx Screwdriver (1)

Step 1 — Back Cover

- Remove the four Torx T5 screws from the back panel.

Step 2

- Wedge a spudger in between the front and back panel.

- Apply leverage downwards to the spudger in order to remove the back panel.

Step 3 — Battery

- Slide the battery out from under the brown wire-tape.
  - Be careful of the wires still connected to the other end of the battery. Do not pull or damage may occur.

Step 4

- Slowly pull the white plug from its receptor. Grasp its sides firmly with a pair of [tweezers](#) and gently wiggle from side to side.
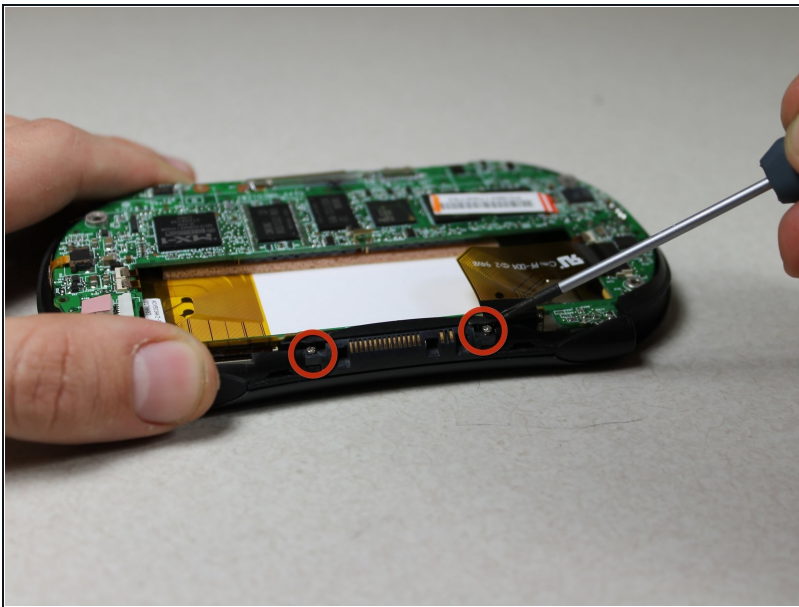
Step 5 — Motherboard

- Unscrew the 2 Philips #00 screws on each end of the motherboard.
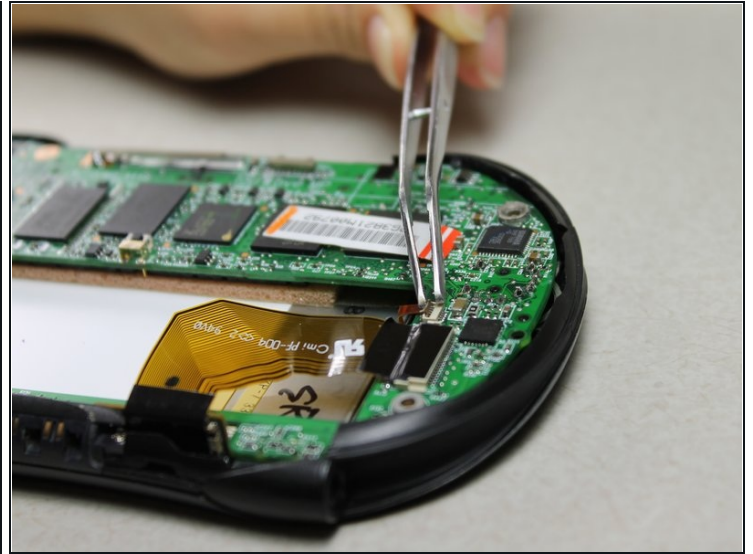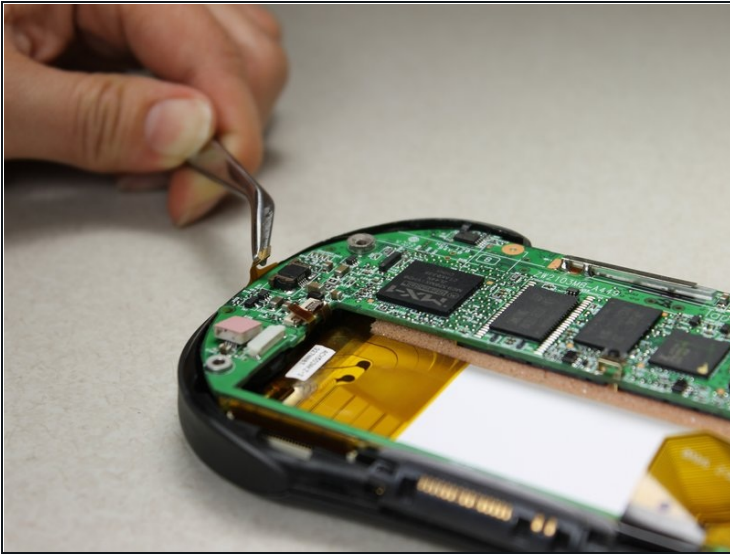
Step 6

- Pull off the black memory card slot piece with [tweezers](#).
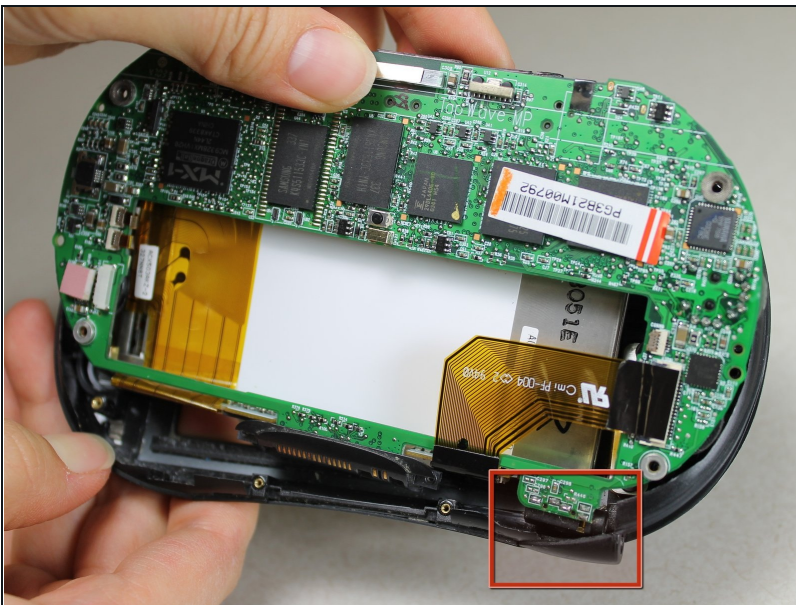
Step 7

- Unscrew the 2 Philips #00 screws on each side of the charging port.

Step 8

- Disconnect 2 brown wire-tape ends from each end of the motherboard. Gently pull straight out with tweezers.
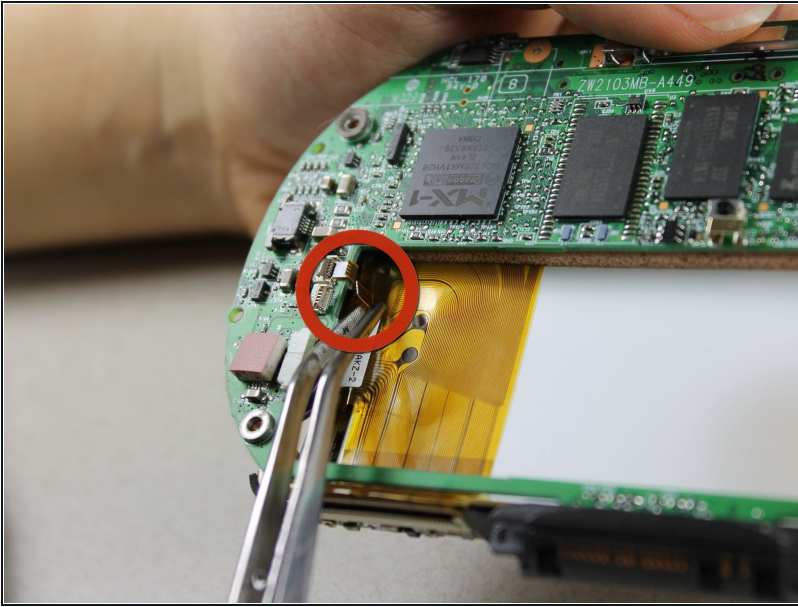
Step 9

- Pull the motherboard and screen component diagonally up and left away from the auxiliary port entrance to remove.

ⓘ Glue connecting the auxiliary port to the casing may make it difficult to remove. Gently apply force as needed.
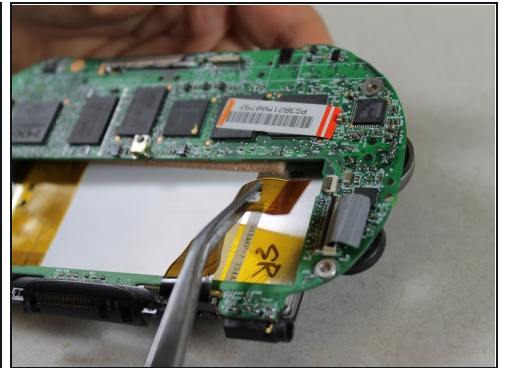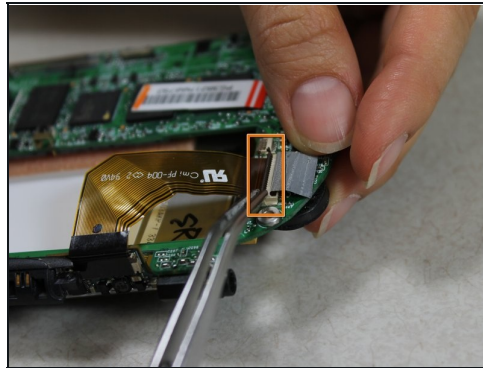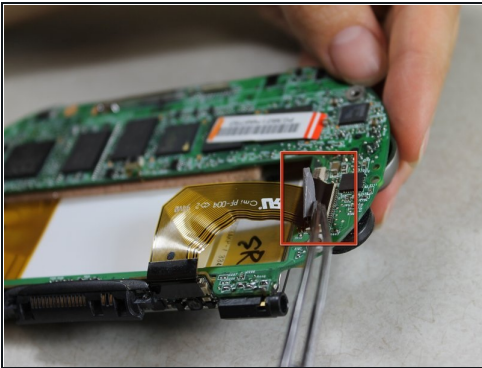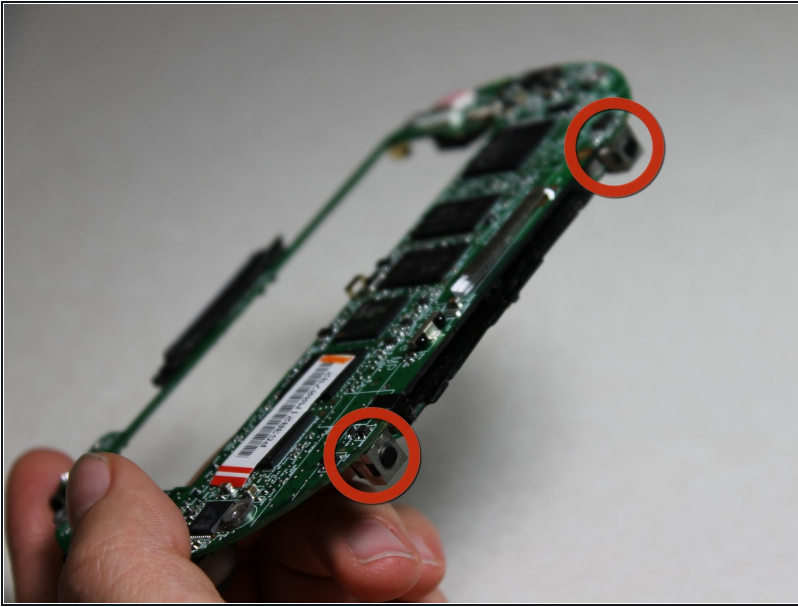
Step 10

- Disconnect the 2 brown wire-tape ends from the left side of the battery slot on the motherboard using tweezers.

Step 11

- Disconnect the large brown wire-tape from the motherboard.
  - Peel the black tape back from the wire-tape using tweezers.
  - Lift the black, hinged, plastic lock with tweezers to release the wire-tape.
  - The screen and motherboard components can now be separated from each other.

Step 12 — Shoulder Button

- Carefully remove the solder between the shoulder buttons and the motherboard with the [soldering sucker](#).
  - ⚠️ Try to avoid contact between the solder sucker and other components surrounding the shoulder buttons.

- ⓘ For more information on desoldering, look at this [soldering/desoldering guide](#).

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