Fugoo Style XL Battery Replacement

This guide will summarize how to remove the battery with a Fugoo Style XL.

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INTRODUCTION

If the battery of your Fugoo Style XL Portable Bluetooth Speaker has lost its ability to hold a charge, it may need to be replaced. The Fugoo Style XL includes a rechargeable lithium-ion battery that can stop functioning after a number of repeated charge cycles. This guide shows the steps and tools necessary for disassembling the speaker so that a new battery can be installed. Some of these steps require careful handling of wires and other circuit components.

If you think that your battery is swollen, review this guide to learn how to handle it safely. Make sure to power down your device before you begin.

TOOLS:

- 64 Bit Driver Kit (1)
- T9 Torx Screwdriver (1)
- Tweezers (1)
- iFixit Opening Tools (1)
Step 1 — Fabric Case

- Using your hand, unscrew the large screws underneath the speaker.

Step 2

- Using your hand, gently lift the large plastic tab secured to the rubber holding. The holding is shown in the orange box of the first image. After lifting the tab, slide the speaker out of its case.

⚠️ Ensure the tab is lifted only slightly above the rubber holding. Bending the plastic tab too far could result in damage to the case.
Step 3 — Motherboard

- Remove the 8 screws (4 on each side) that hold the covers that conceal the bass speakers. Remove these 3mm screws using a #2.0 Hex screwdriver.

Step 4

- Using your hand, pull the covers away from the speaker.
Step 5

- Use a #2.0 Hex screwdriver to unscrew the 8 screws shown in the image.

Step 6

- Gently pull apart the front casing from the back casing.

⚠️ Speakers on the front casing have wires directly connected to the motherboard. Pulling off the casing with force will result in damage.
Step 7

- Using a pair of tweezers or your hand, carefully remove the red bundled cable connectors from the motherboard.
- When the red bundled cable connectors are disconnected, set the outer casing aside.

Step 8

- Untangle any blue bundled cable connectors and gently remove them from the motherboard using a pair of tweezers.
Step 9

- Carefully untangle and remove the white bundled cable connectors from the motherboard.

Step 10

- Using a T9 screwdriver, remove the 8 screws (4 on each speaker) surrounding the midwoofers.
- Using your hand, carefully remove the midwoofers.
Step 11

- Using a pair of tweezers, lift the padded holding that secures the ZIF connector to the motherboard. The connector will release from the motherboard once the padding is lifted.

⚠️ Do not pull on the cables themselves. Doing so can damage the cables. Always remove the ZIF connector by gently lifting the padding securing them to the motherboard.
Step 12

- Carefully lift the battery and motherboard unit halfway out of the casing. The motherboard is connected to the battery directly.

⚠ There is a small coaxial cable connected underneath the motherboard. Using a pair of tweezers, carefully disconnect and remove the cable from under the adhesive tape.

- When the cable is disconnected, fully remove the motherboard and battery unit.
Step 13

- Remove the 3mm screws using a #2.0 Hex screwdriver. There are 4 of these screws (2 on each side) that connect the motherboard to the battery unit.

- When the screws are removed, use an iFixit opening tool to remove the motherboard from the two clamps securing it to the battery pack.

⚠️ Beware! The motherboard is not fully disconnected from the battery even when removed from the clamps.
Step 14

- Using tweezers or your hand, carefully disconnect the bundled cables connecting the battery to the motherboard.

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