



Microsoft Surface 3 Battery Replacement

This guide will show you how to replace the battery in your Microsoft Surface 3.

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INTRODUCTION

To replace the battery, you will first need to remove the casing, undo the adhesive under the battery pack, and, finally, remove the battery to replace it.

TOOLS:

- [iOpener Kit](#) (1)
 - [Microwave](#) (1)
 - [Plastic Cards](#) (1)
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Step 1 — Casing




- Warm up an iOpener following the instructions found in the [iOpener guide](#).
- Place the warm iOpener on top of the edges of the screen. This heat will weaken the strength of the adhesive between the display and body.

Step 2



- Use iFixit opening picks to wedge under the edge of the screen at the speaker port.

 *This may take significant force. A fingernail might work better for the initial lift*

 *If you push straight down near the edge you will go through the speaker mesh and possibly end up damaging your speaker; try to push the pick in at a shallow angle.*

Step 3



- Carefully try to work your way around the device using the picks, reapplications of the heated iOpener, and luck.
 - ⓘ If you break the glass on one side you might want to try again starting from the other side so that you have a clean, unbroken, edge on that side.
- ⚠ While the glass on this display is not particularly sharp when broken, it is still broken glass and you should be careful with it.

Step 4



- Flip the display over so that parts underneath it are easily accessible.
- ⚠ Do not pull out the display as it is still attached to the motherboard.
- ⓘ If you are replacing the display, or want it out of the way, continue with the [display replacement guide](#) steps.

Step 5 — Battery



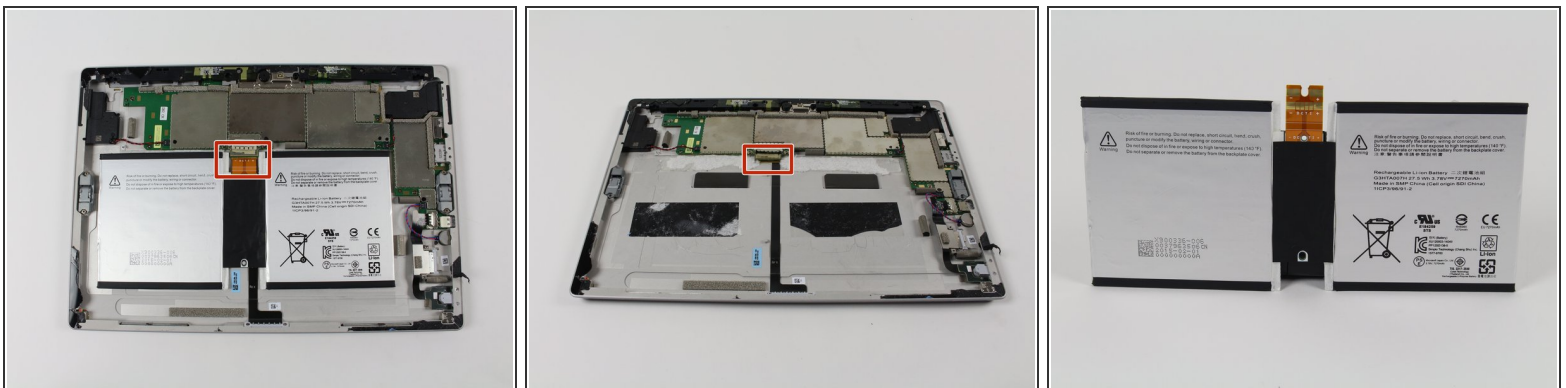
- Now that you've gotten the casing off of the Surface 3, you can start removing the battery pack.

Step 6



- Slide the iFixit plastic cards under the compartments of the battery pack.
- Slide the card around to undo the adhesive under the battery pack

Step 7



- Carefully slide the battery's flat power and data connector from its insert.
- You may now switch out the battery pack for a new one.

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