



# Microsoft Surface 3 Audio Jack and MicroSD Slot Replacement

Replace the audio jack and microSD slot if you are having trouble with them.

Written By: Andy Stone



---

## INTRODUCTION

To replace the Surface 3 audio jack, you will need to remove the casing, undo various restraints that keep the audio jack in place, and, finally, remove and replace the audio jack itself.

---



### TOOLS:

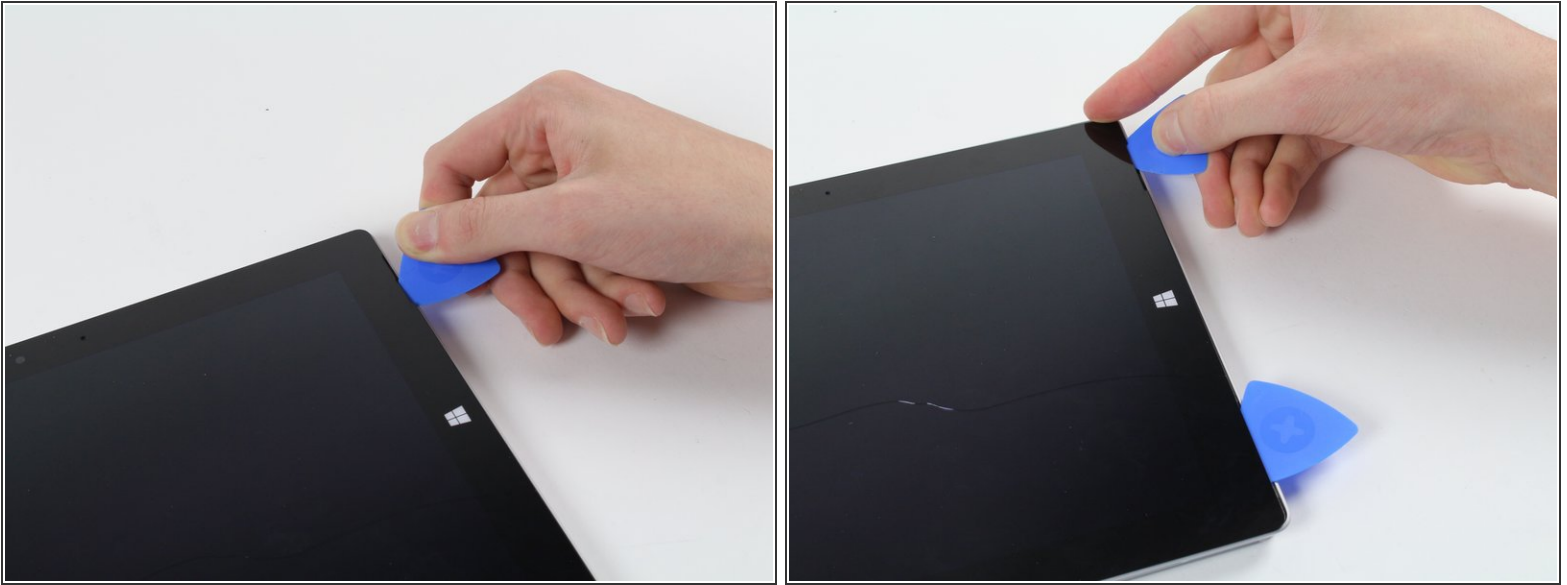
- [iOpener Kit](#) (1)
  - [Microwave](#) (1)
  - [Spudger](#) (1)
  - [T2 Torx Screwdriver](#) (1)
-

## 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.

***i** 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.*

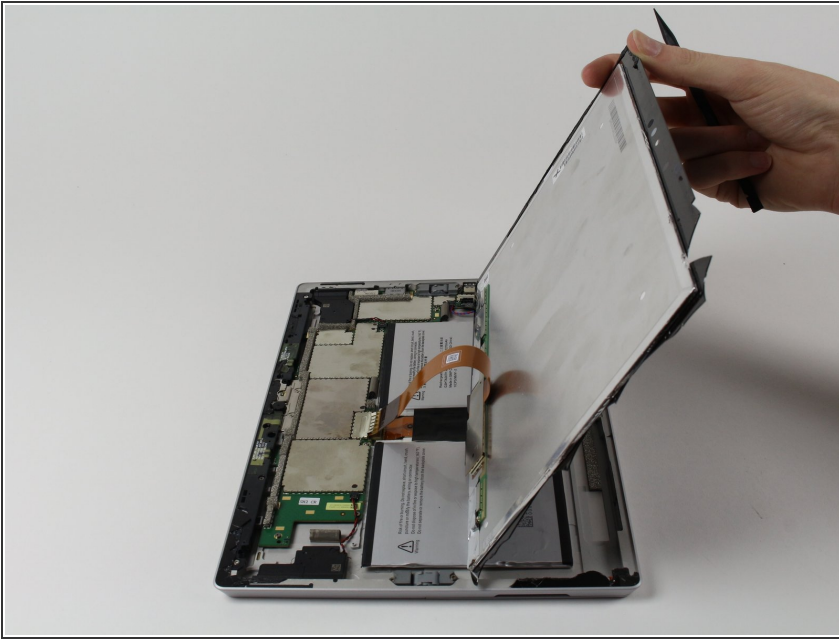
## Step 3



- 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.

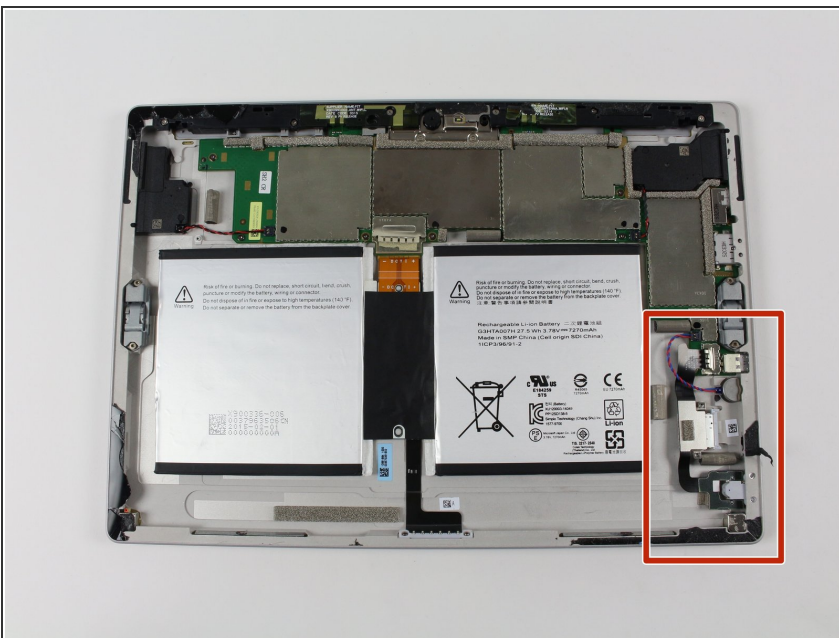


## Step 4



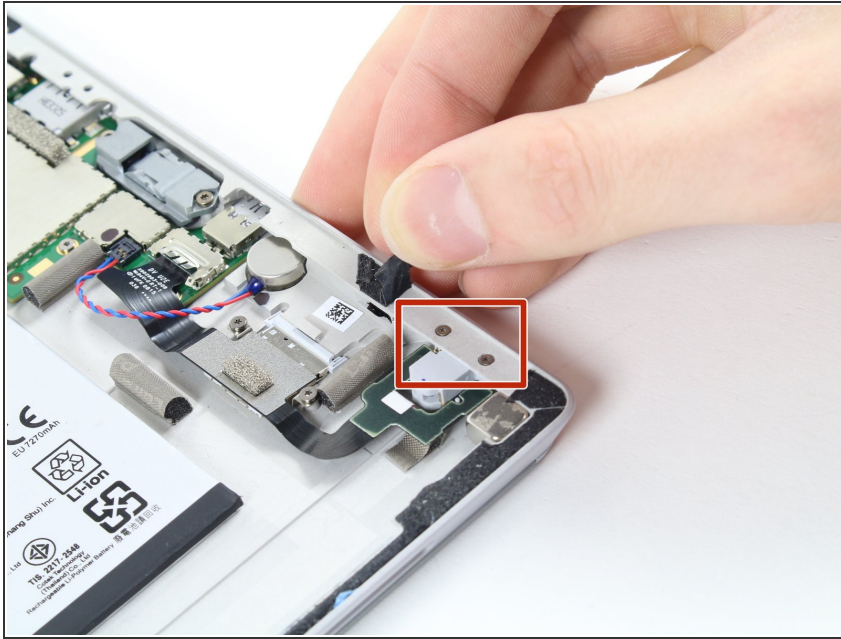
- Flip the display over so that parts underneath it are easily accessible.
- ⚠ Do not pull out the display as it is still attached to the motherboard.
- ⓘ If you are replacing the display, or want it out of the way, continue with the [display replacement guide](#) steps.

## Step 5 — Audio Jack and MicroSD Slot



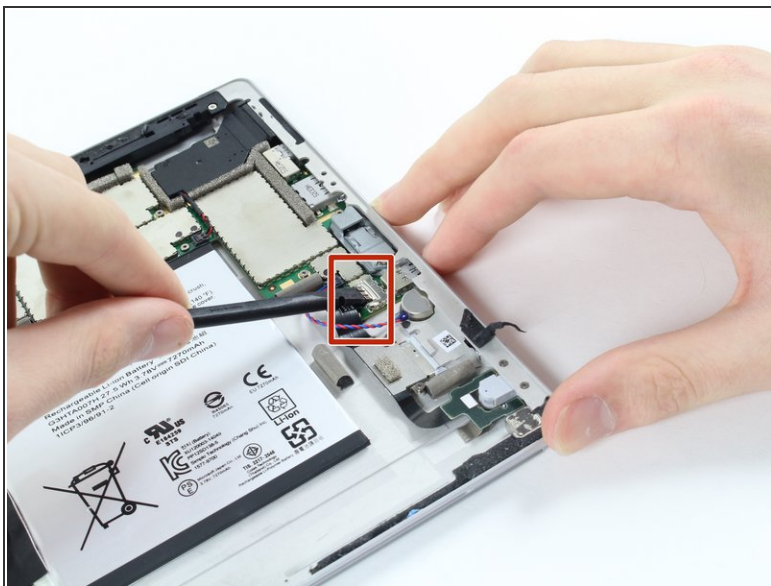
- You will be working in this area of the Surface 3 when replacing the audio jack and Micro SD port

## Step 6



- Remove the black adhesive covering next to the audio jack in order to get to the screws underneath.

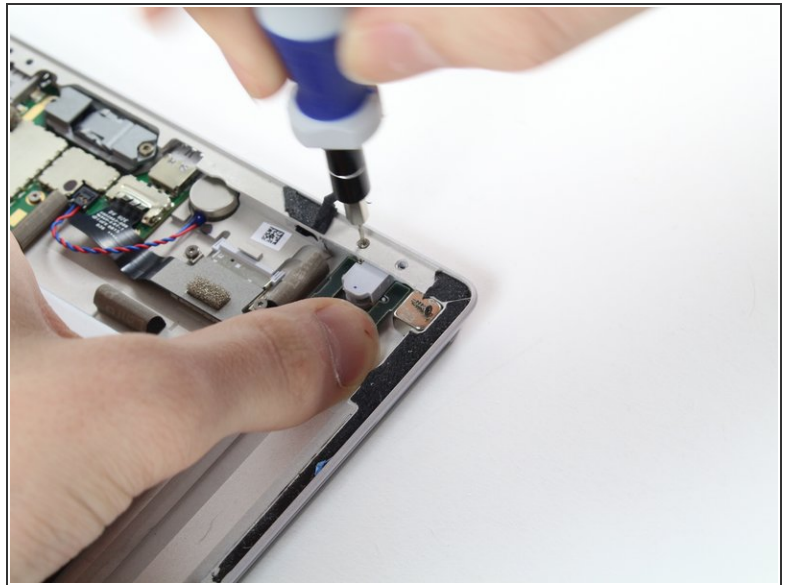
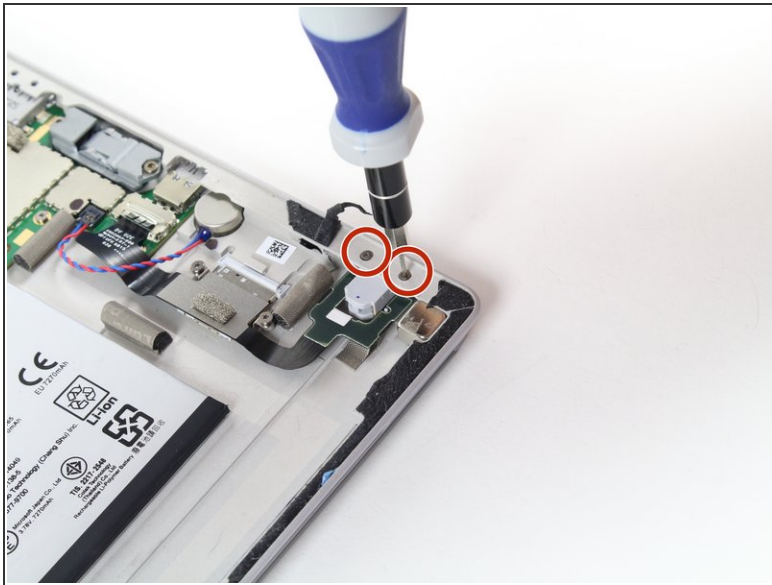
## Step 7



- Remove the silver bracket using the black pick in order to properly remove the entire audio jack.

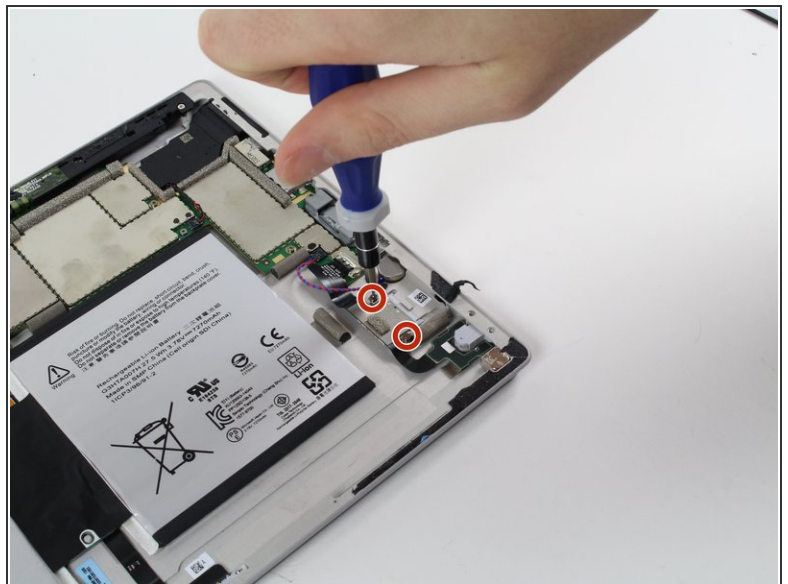


## Step 8



- Remove the two 3/16" Torx #2 screws directly beside the audio jack.

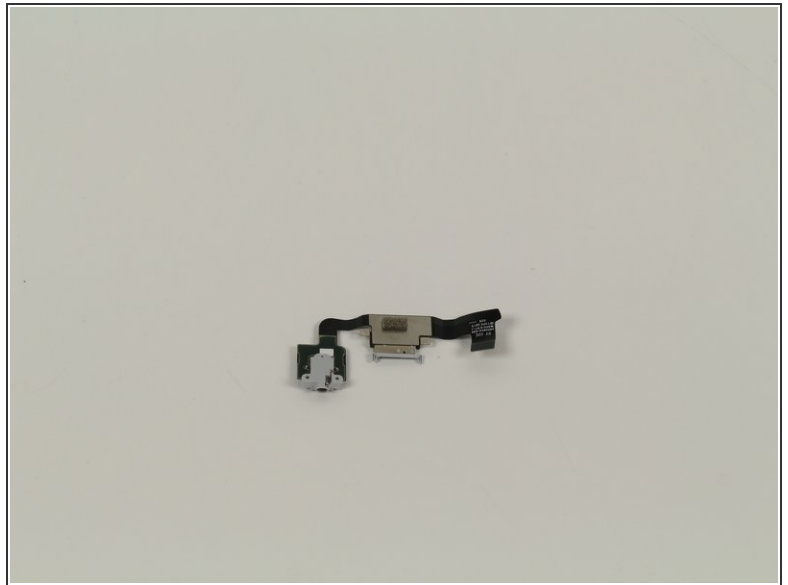
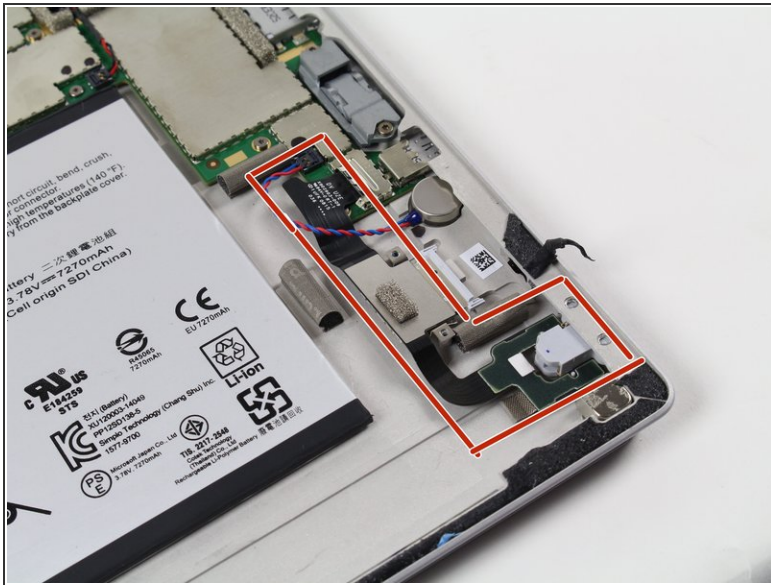
## Step 9



- Remove the two 1/16" Torx #3 screws that hold in the MicroSD slot.



## Step 10



- Carefully remove the entire audio jack . It should look like the picture of the single part to the left.

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