



Kindle Fire HDX 7" Micro USB Charging Port Replacement

A free guide on how to replace the micro USB charging port on a Kindle Fire HDX 7" tablet.

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INTRODUCTION

Replacement guide for the micro USB charging port on a Kindle Fire HDX 7" tablet.

The home button and micro USB are part of the same ribbon cable and are replaced at the same time.

TOOLS:

- [iOpener Kit](#) (1)
- [Spudger](#) (1)
- [ESD Safe Tweezers Blunt Nose](#) (1)
- [T3 Torx Screwdriver](#) (1)
- [T5 Torx Screwdriver](#) (1)

PARTS:

- [Kindle Fire HDX 7" Charging Port](#) (1)

Step 1 — Speaker Bezel



- Insert an opening pick underneath the speaker bezel, and slide it along the perimeter to separate it from the tablet.
- ⓘ The adhesive is strong and may require an [iOpener](#), or heat gun, to soften.

Step 2



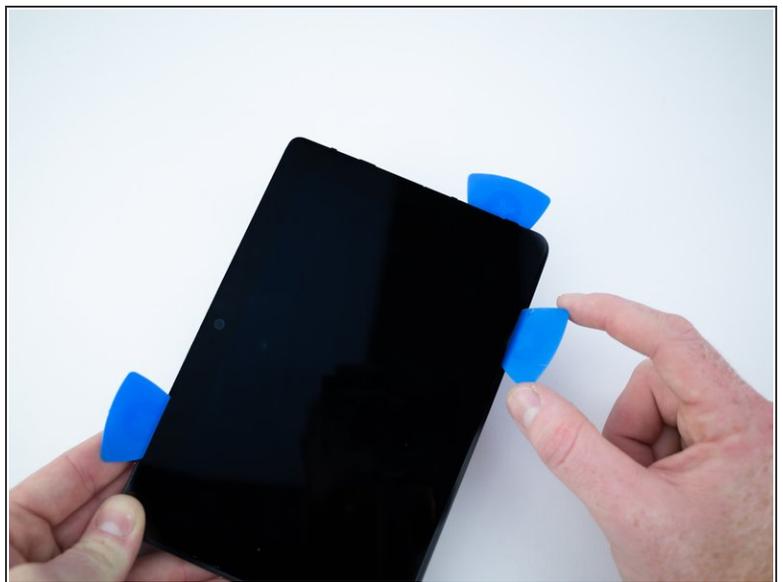
- Remove the speaker bezel.

Step 3 — Rear Panel



- Remove the six pink 3mm T3 Torx screws from the back case.

Step 4



- Wedge opening picks around the perimeter between the display and back case.
- Work the opening picks around the perimeter until the two halves disengage from each other.

⚠ Don't completely separate as the display ribbon cable still connects the two.

Step 5



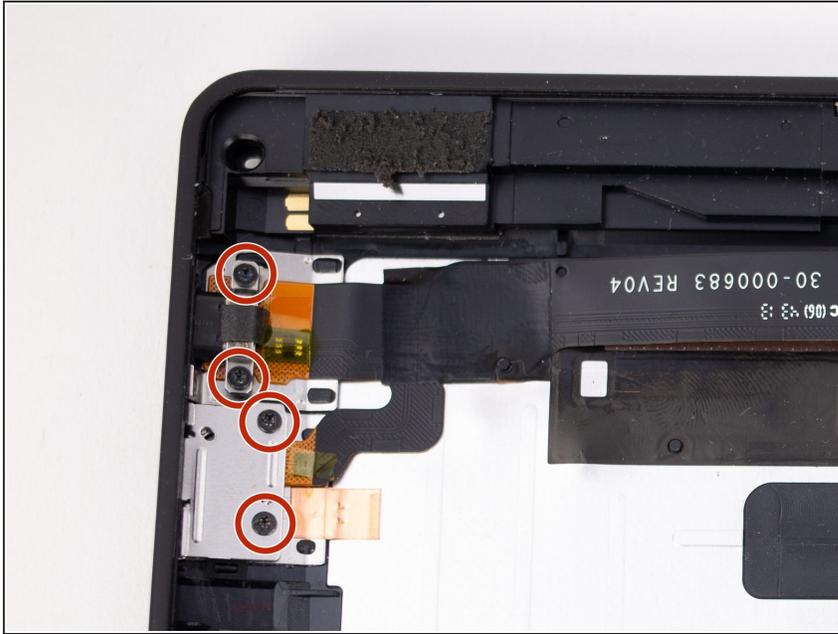
- Use the flat end of a spudger to pry up and disconnect the rear panel press-fit connector from the motherboard.

Step 6



- There may be a glue strip between the battery and the outside case. Gently pry the case open and use the flat end of a spudger to separate the glue strip.

Step 7 — Micro USB Charging Port



- Remove the four 2.3mm T5 Torx screws from the micro USB port and power button assembly.

Step 8



- Pry up the ribbon cable from the rear panel with the flat end of a spudger.
- Remove the micro USB port and power button ribbon cable.

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