



# Samsung Galaxy A3 (2017) Battery Disconnect Replacement

prereq only Battery disconnect

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# INTRODUCTION

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## TOOLS:

- [iOpener](#) (1)
- [iFixit Opening Picks set of 6](#) (1)
- [Suction Handle](#) (1)
- [Phillips #000 Screwdriver](#) (1)
- [Tweezers](#) (1)
- [Spudger](#) (1)

## Step 1 — Back cover replacement



- Power off your phone before beginning disassembly.
- Use an [iOpener](#) to loosen the adhesive beneath the back cover. Apply the iOpener for at least two minutes. You might want to repeat this step several times during the back cover removal.

 The adhesive of the Samsung Galaxy A3 (2017) is very strong. A hair dryer, heat gun, or hot plate may also be used if you aren't able to open the device with the iOpener. Be careful not to overheat the phone—the AMOLED display and internal battery are both susceptible to heat damage.

## Step 2



- Use a small suction handle to create a gap at the bottom end of the Galaxy A3.
- Insert an opening pick and slide the tip to the bottom left corner to cut the adhesive.
- Leave the opening pick in the bottom left corner to prevent the adhesive from resealing.
- Insert a new opening pick and start to cut the adhesive towards the bottom left side of the phone.

## Step 3



- Use an opening pick to cut the adhesive on all sides of the phone. Leave one opening pick in every corner to prevent the adhesive from resealing.

**⚠️ [Reuse an iOpener](#)** if the adhesive becomes hard to cut. During the removal process the back cover is under tension all the time and is likely to break if the adhesive isn't loose enough.

- Insert an opening pick on the right side of the phone after you cut the adhesive on all sides. Tip it sideways until you can get a good grip on the back cover.

## Step 4



- Remove the back cover from the phone.

 Before applying new adhesive remove any remaining adhesive from the back cover and the frame and clean the areas with isopropyl alcohol and a lint-free cloth.

## Step 5 — Motherboard cover including NFC antenna and loudspeaker replacement



- Remove the five Phillips #00 screws that hold the motherboard covers in their place.

## Step 6



- Use a pair of tweezers to remove the upper part of the motherboard cover.  
*(i)* The cover is secured by small plastic clamps. Don't break them during the removal procedure.

## Step 7



- Use a pair of tweezers to lift up the motherboard cover including the loudspeaker and the NFC antenna and remove it.

## Step 8 — Battery Disconnect



- Use the flat end of a spudger to disconnect the battery flex connector.

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