



# Samsung Galaxy S7 Active Motherboard Replacement

This guide will teach you how to remove and replace the motherboard of the Samsung Galaxy S7 Active.

Written By: Joe De Leone



## INTRODUCTION

This guide will teach you how to remove and replace the motherboard in the Samsung Galaxy S7 Active.

### TOOLS:

- [Hair Dryer](#) (1)
- [Phillips #000 Screwdriver](#) (1)
- [Metal Spudger](#) (1)
- [Tweezers](#) (1)
- [Heat Gun](#) (1)

## Step 1 — Samsung Galaxy S7 Active Disassembly



- Melt the adhesive on the screen by applying a blow dryer directly on the screen.

 Your phone is hot, please do not touch it with your bare hand.

## Step 2



- Wedge the metal spudger in between the screen and the frame to begin separating them.

 It would be easier to separate the screen from the sealing adhesive on the frame if you use more than one metal spudger.

 Your phone might no longer be watertight after you reassemble it.

## Step 3



- Slide the metal spudger around the phone at least once.

*(i)* It would be easier to slide your metal spudger if you apply the blow dryer to where you are currently sliding.

## Step 4



- Lift the screen up with your hands.

**⚠** Please wash your hands thoroughly with hot water and soap after you finish.

## Step 5 — Battery



- Use a Phillips #000 screwdriver to remove a single screw.

## Step 6



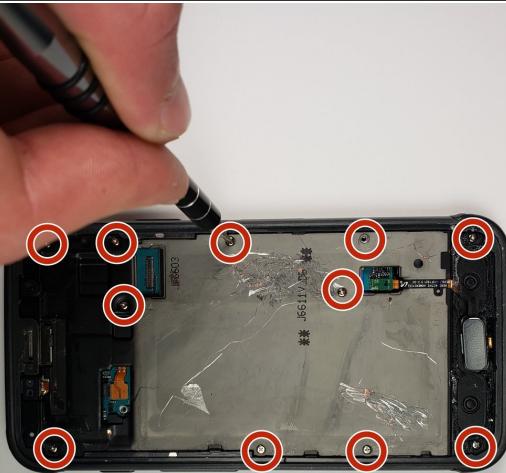
- Use tweezers to remove the small plastic cover you just unscrewed.

## Step 7



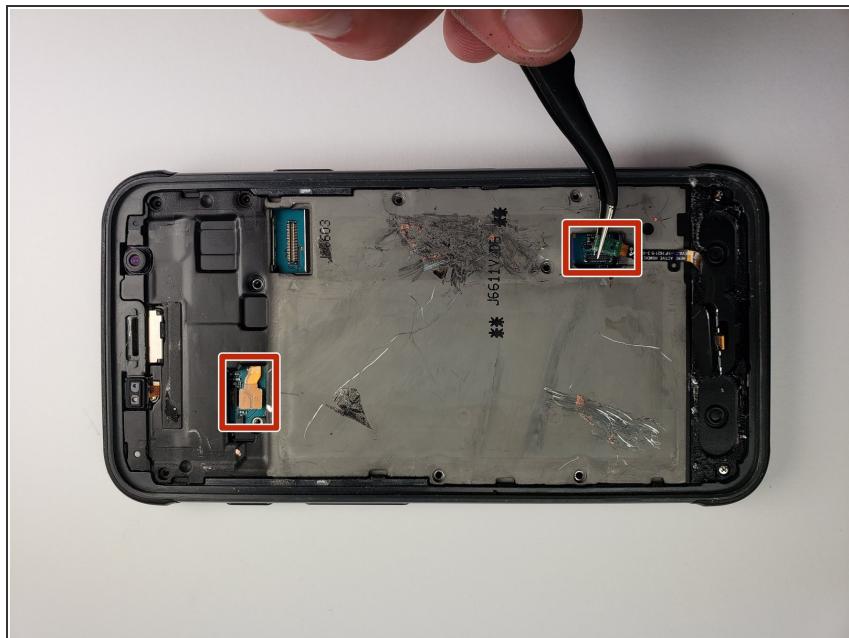
- Use tweezers to remove the other small plastic cover.

## Step 8



- Use a Phillips head #000 to take out the eleven screws marked in the photo.

## Step 9



- Use tweezers to disconnect the marked pieces from the motherboard.

## Step 10



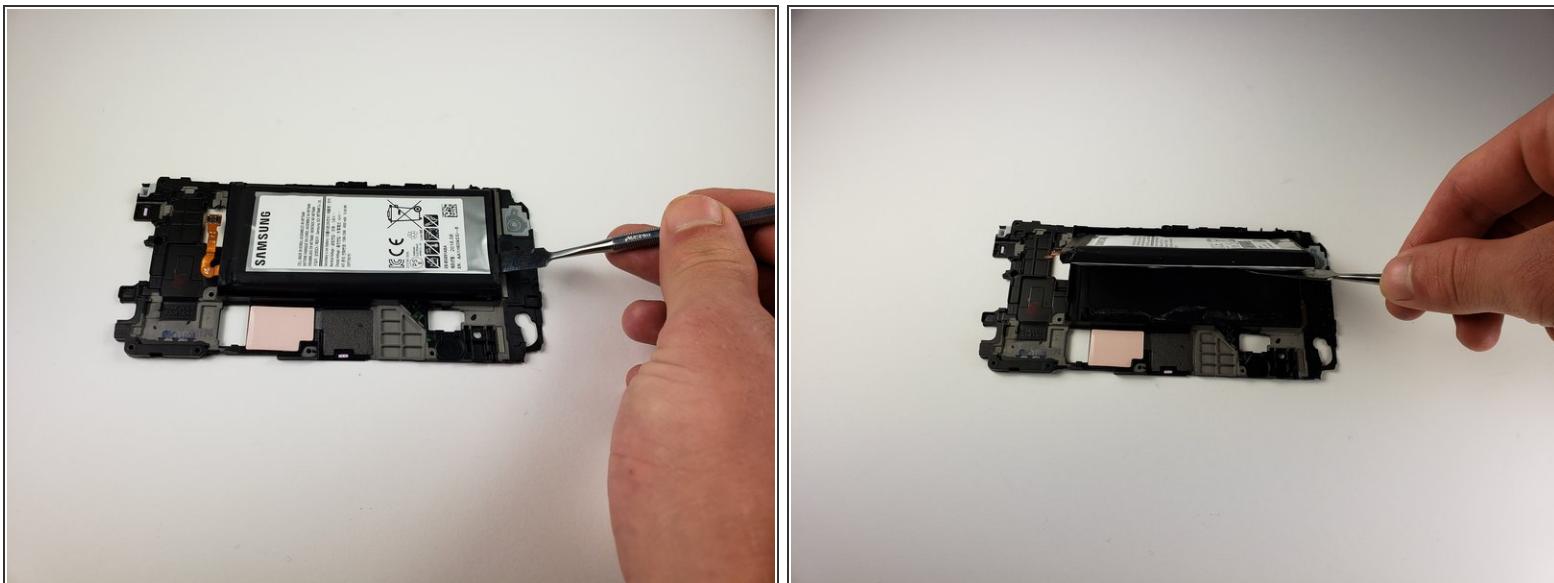
- Use tweezers to take out the middle button and its connection to the motherboard.

## Step 11



- Use a metal spudger to pull the mid frame and battery off of the motherboard.

## Step 12



- Use a spudger to remove the battery from the midframe.

 To install a new battery and adhesive, [follow this guide.](#)

## Step 13 — Rear Camera



- Use tweezers to disconnect the front camera from the battery.
- *i* The connector should unsnap similar to a lego piece.

## Step 14 — Motherboard



- Use a Phillips 000 screwdriver to remove the screw covering the proximity sensor.

## Step 15



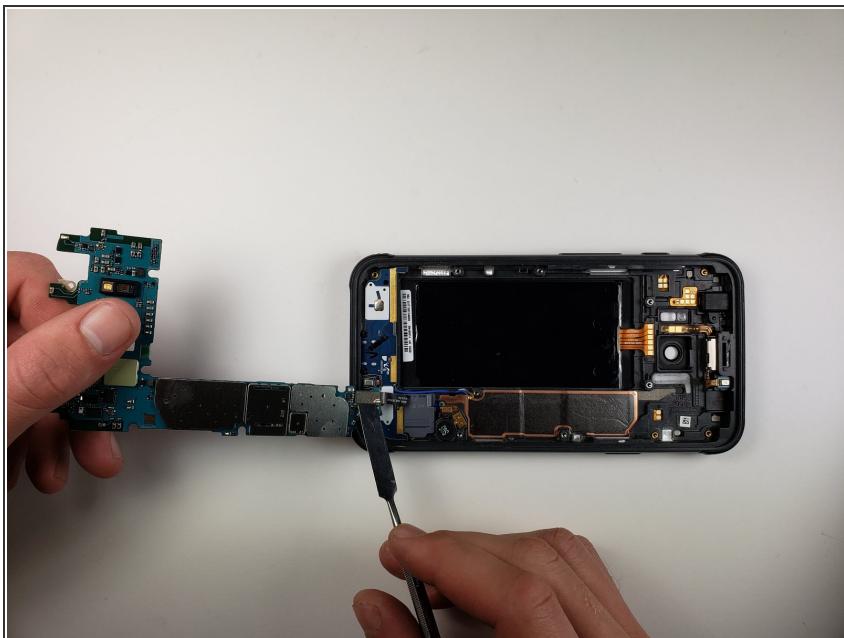
- Use tweezers to remove the proximity sensor.
- Set this aside for now.

## Step 16



- Use tweezers to disconnect the front mic and the two cables that have been marked in the photo.

## Step 17



- Use your hands and a metal spudger to lift the motherboard out of the phone.
- Be gentle, as there is still a connection on the underside of the motherboard.
- Use a metal spudger to remove this connection.

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