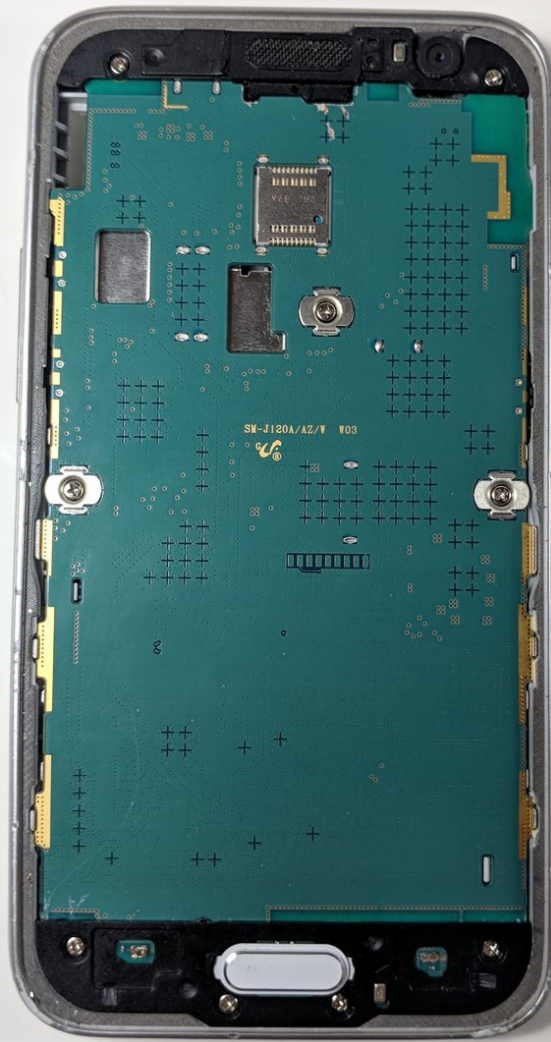




# Samsung Galaxy Express 3 Motherboard Replacement

Are you having any kind of software problems...

Written By: Mack Johnson



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## INTRODUCTION

Are you having any kind of software problems that cannot be fixed digitally? Replacing the motherboard should do the trick.

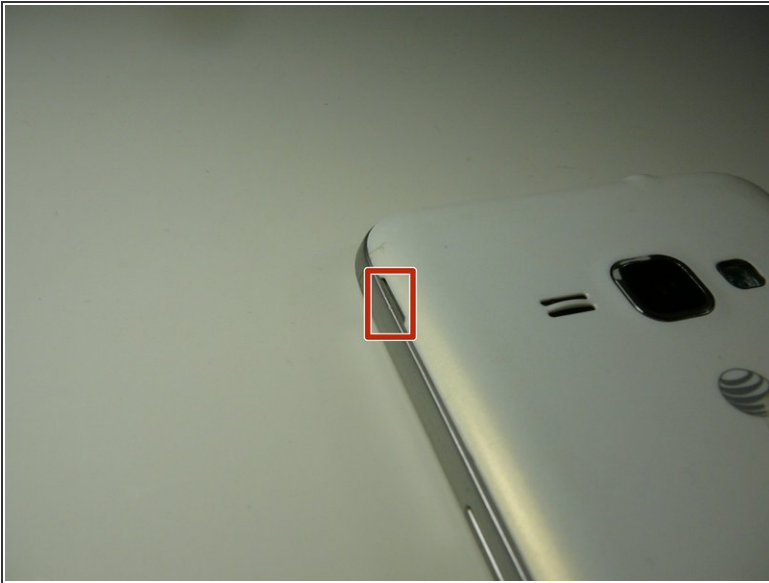
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### TOOLS:

- [Spudger](#) (1)
  - [Hair Dryer](#) (1)
  - [Heat Pad](#) (1)
  - [iFixit Opening Picks \(Set of 6\)](#) (1)
  - [iFixit Opening Tool](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
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## Step 1 — Battery



- Locate the indent area highlighted in red and use either your fingernail or a Prying Tool (such as a guitar pick) to separate the back from the body of the phone.

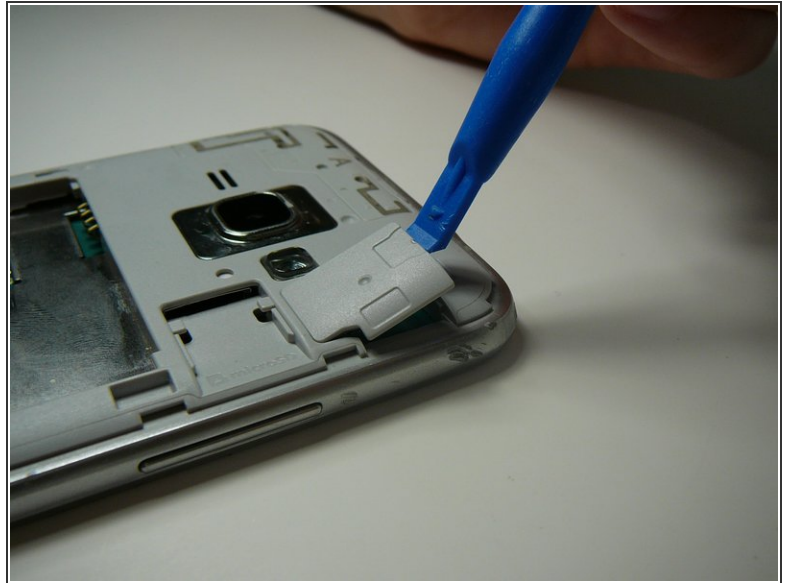
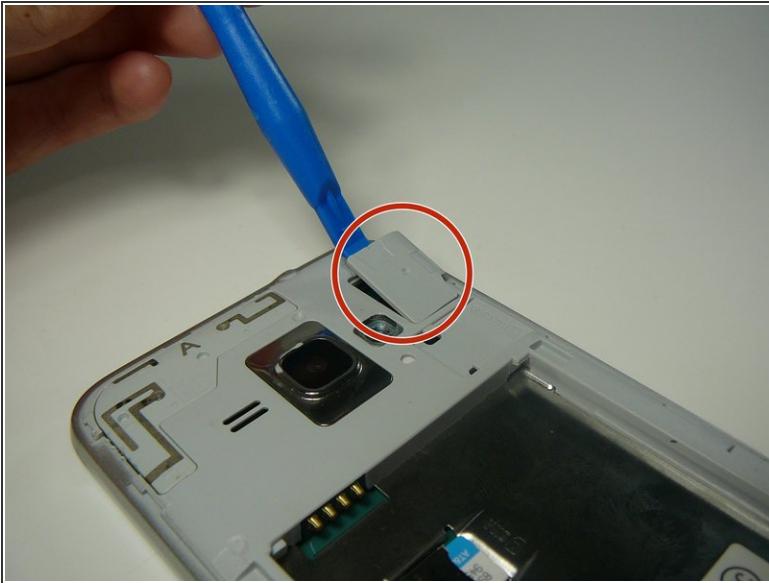
## Step 2



- Once the cover is removed, locate the battery that reads "SAMSUNG."
- Use either your fingernail or a Plastic Prying Tool (such as a guitar pick) to lift up the bottom indent of the battery.

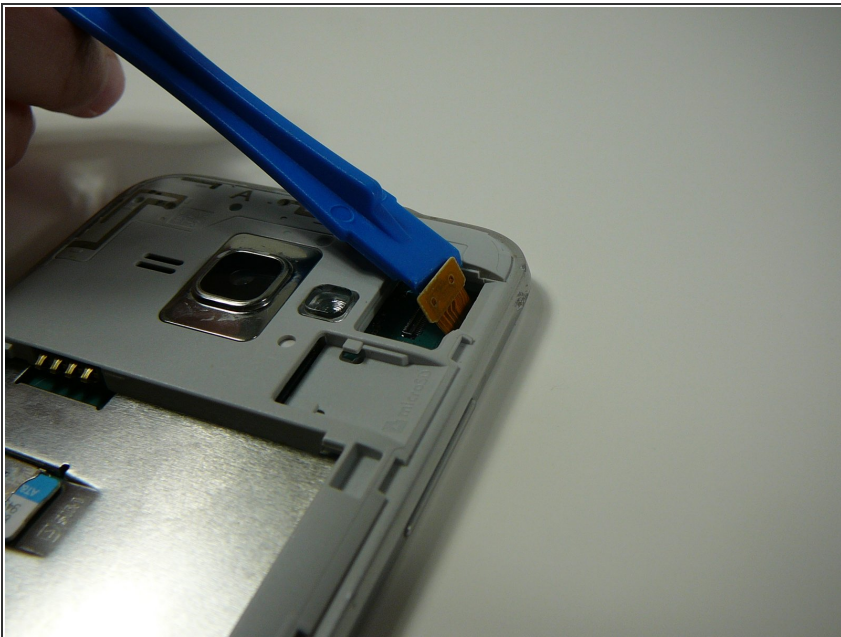
⚠ Do not use a metal tool, as it can cause injury.

### Step 3 — Screen



- Use a Plastic Prying Tool (such as a spudger) to pop out piece shown.

### Step 4



- Detach the screen connector.



## Step 5



- Use a blow dryer or heating pad to heat up the screen.

**⚠ Do not skip this step, as it may result in a broken screen and/or LCD.**

**i** This step loosens the glue holding the screen in place.

## Step 6

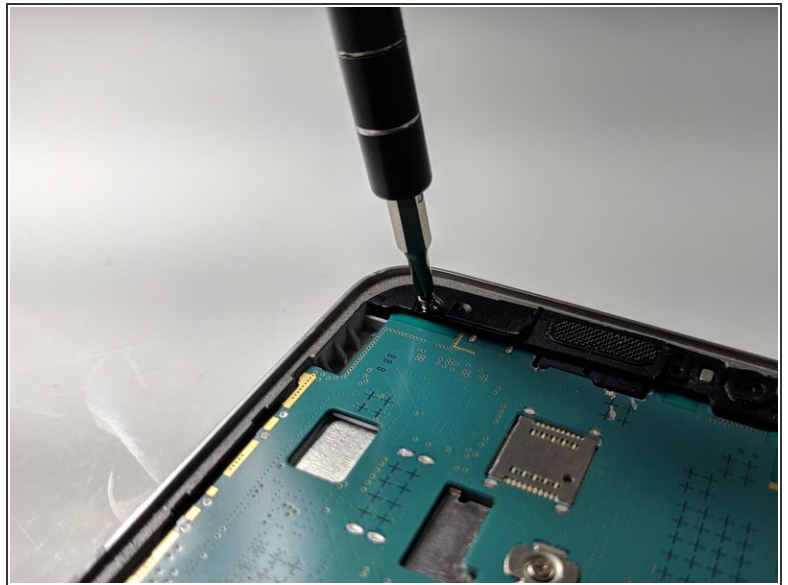


- Use a Thin Plastic Tool (such as a guitar pick) or Plastic Prying Tool (such as a spudger) to lift out the glass digitizer and LCD screen around the edges.

**i** Do this slowly and carefully, as both parts can crack very easily.

**⚠ Ensure your tool is plastic, as a metal tool can damage the screen easily.**

## Step 7 — Motherboard



- Remove the nine screws with a Phillips #0 screwdriver.

## Step 8



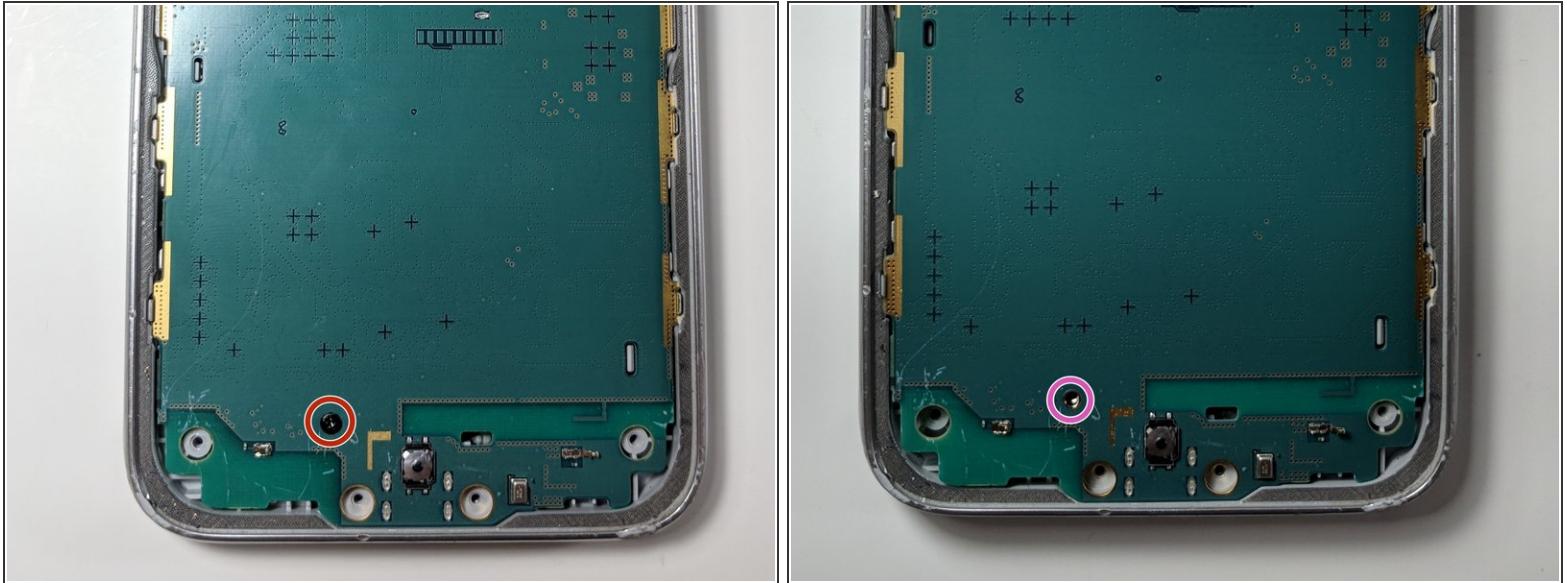
- Using a spudger to remove the black plastic pieces on the top and bottom of the screen.

⚠ Do not use a metal tool, as it can be dangerous to you or the motherboard.

⚠ Use caution when removing the top black piece, as it is wedged tightly in the phone and can be easily broken.



## Step 9



- Remove the one black screw located below the bottom plastic piece.

⚠ This is the only screw of this size, so make sure to keep it separate.

## Step 10



- Use a spudger to slowly lift up the motherboard and remove it from the plastic frame.
- ⓘ If you cannot remove the motherboard with ease, this means that all screws have not been removed.



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