



# Samsung Galaxy J3 Eclipse Motherboard Replacement

This guide will help you replace the motherboard for your Samsung J3 eclipse device.

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## INTRODUCTION

In this moderately difficult guide, we are going to help explain and show the steps of replacing the motherboard on the Samsung Galaxy J3 eclipse. the complete process should be expected to take from 15 to 20 minutes start to finish.

### TOOLS:

- Fingers (1)
- Tweezers (1)
- iFixit Opening Tools (1)
- Heat Gun (1)
- Phillips #00 Screwdriver (1)

### PARTS:

- Galaxy J3 LCD Screen (1)
- Galaxy J3 (2016) J5 (2015) Replacement Battery (1)
- iFixit Adhesive Remover (for Battery, Screen, and Glass Adhesive) (1)

## Step 1 — Battery



- Flip the phone face down on its screen.

## Step 2



- Pull up on the small indentation on the right side edge and remove the back portion of the phone.

## Step 3



- After removing the back of the device, locate the slot below the bottom right corner of the battery and use the tip of your finger to remove it.

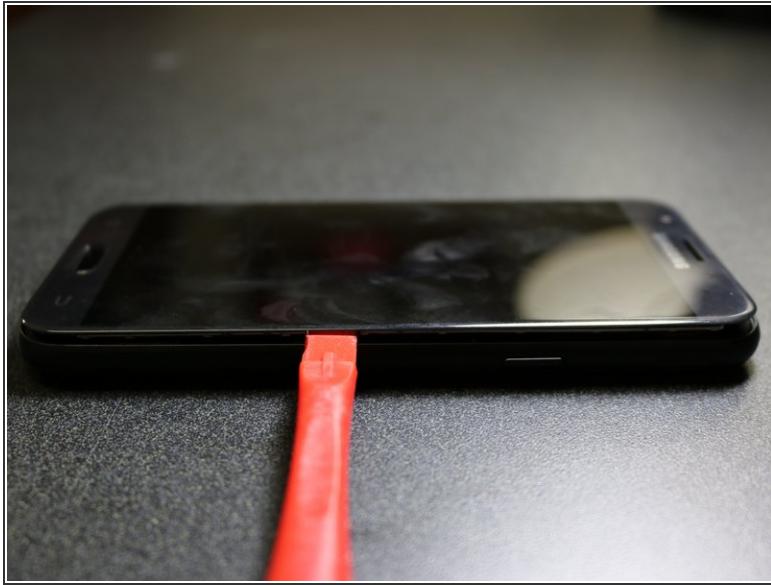
## Step 4 — Display Assembly



- Use a heat gun or hair dryer to heat up the front edges of the phone for about two minutes. Stay approximately six inches away from the screen to prevent phone damage.

 Do not apply heat to any one edge of the phone for longer than a few seconds. Instead, use a continuous motion around the phone's edges.

## Step 5



- While the screen adhesive is still warm and flexible, insert a pry tool or plastic card between the glass display and the frame of the phone.
- Slowly slide another pry tool around all the edges of the phone in order to break the adhesive's bond to the display.

⚠ When using the pry tool, do not use too much force or the phone's internals could be damaged.

⚠ Do not insert your tool more than 1cm into the top edge of the phone to avoid damaging the fragile cables.

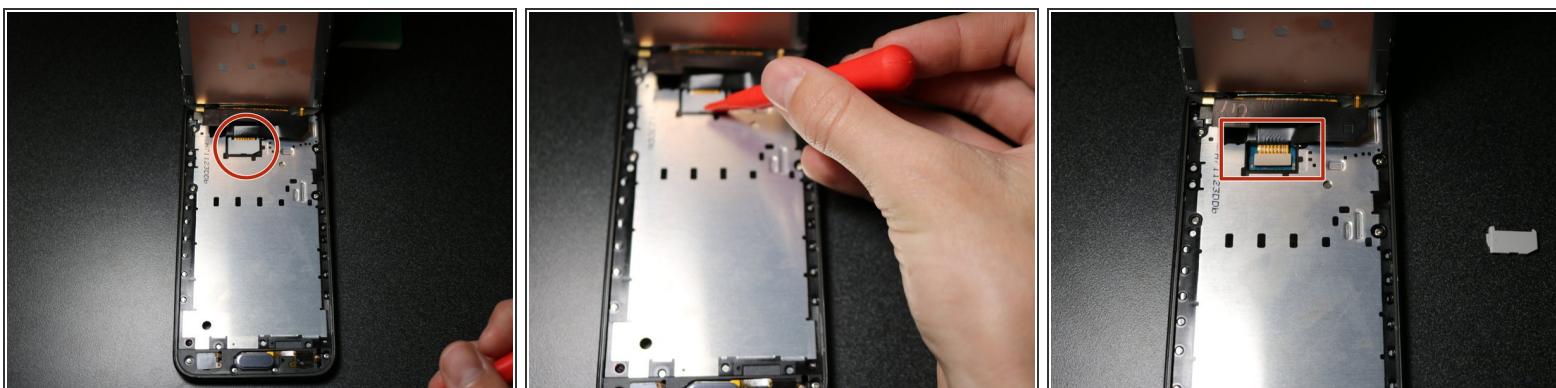
## Step 6



- Gently lift lower side and loosen all edges to hinge screen up from bottom.

 Do not try to completely remove the display from the frame yet. Simply try to loosen up all the edges.

## Step 7



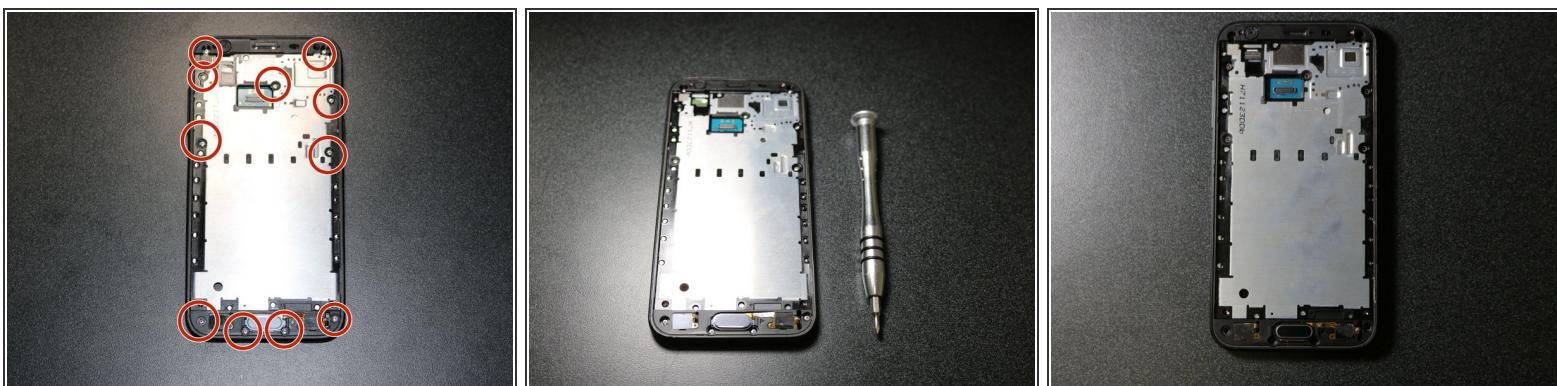
- Use your prying tool to slowly pry up on the **bottom right corner** of the white cable guard, exposing a thin ribbon cable connector.

## Step 8



- Pry up the ribbon cable connector revealed from under the cable guard and remove the display from the device.
- Clean the residue from the phone edges before re-assembling phone with new screen.

## Step 9 — Audio Jack



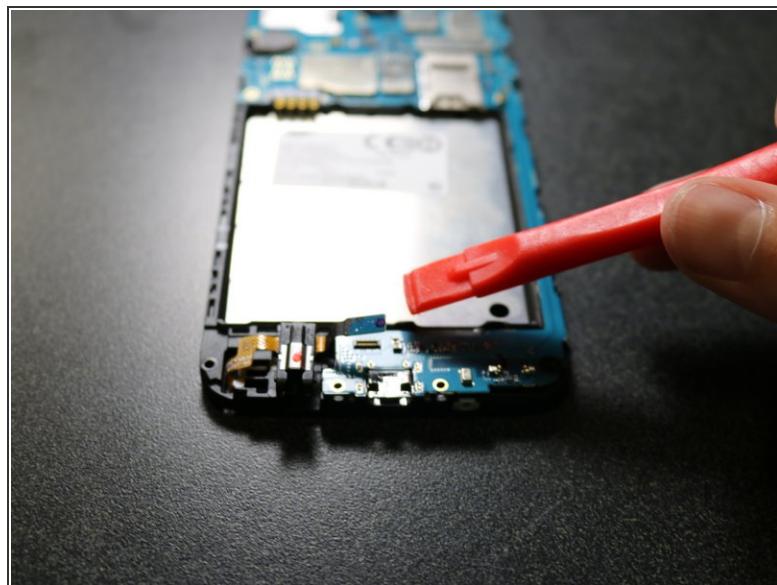
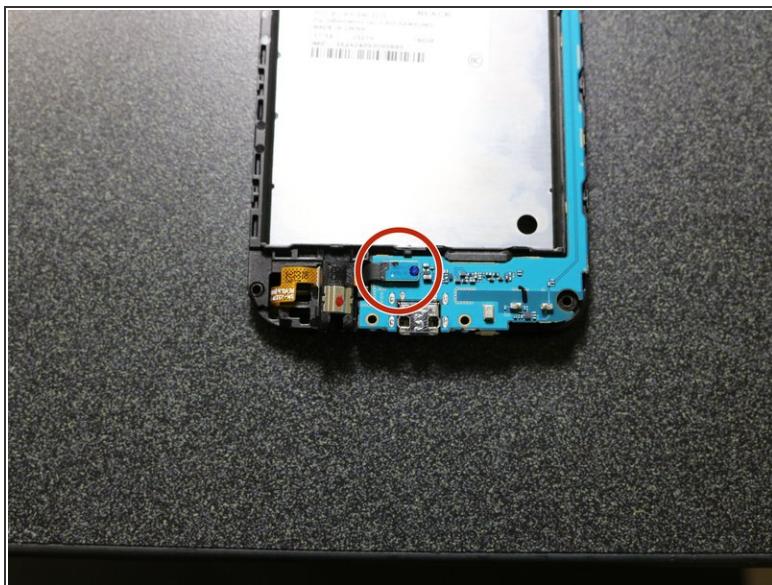
- Locate all eleven screws attaching the metal plate to the frame, and remove them using a PH00 screwdriver bit.
- Keep track of the eleven screws they are essential to close the phone back again.

## Step 10



- While holding the phone , flip it to the back side and use your two thumbs to push on the metal area where the battery was, this should release the back frame from the device.

## Step 11



- Locate the blue ribbon cable attached just below the battery slot . This is the connector for your audio jack.
- Use your pry tool to release the cable from the motherboard

To reassemble your device, reconnect all cables and follow these instructions in reverse order.