



Samsung Galaxy Mega USB Board Replacement

Replacement for a damaged charging port on the Samsung Galaxy Mega.

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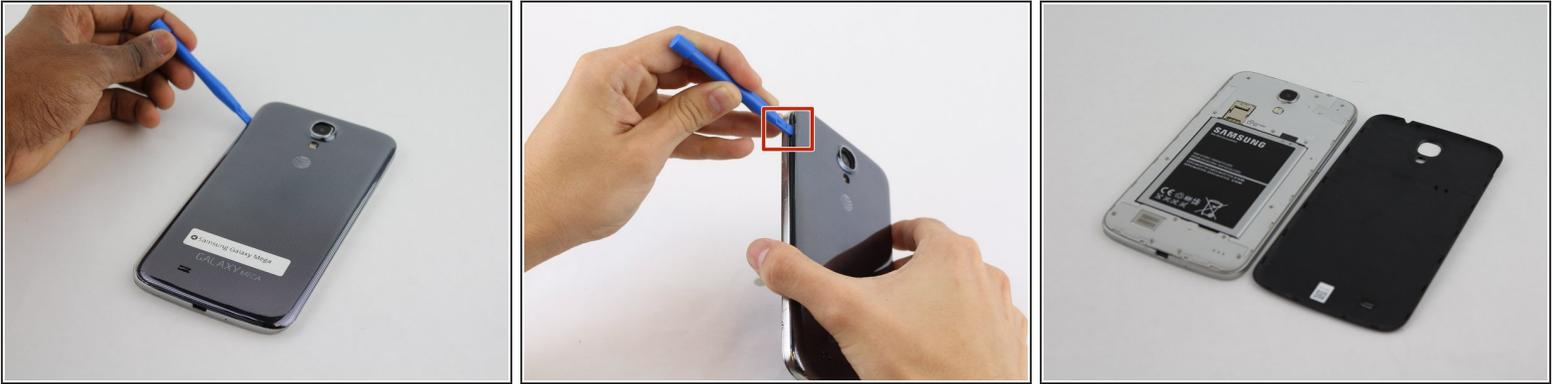
INTRODUCTION

This guide instructs on how to replace a malfunctioning charging port circuit board.

TOOLS:

- [Metal Spudger](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
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Step 1 — Battery



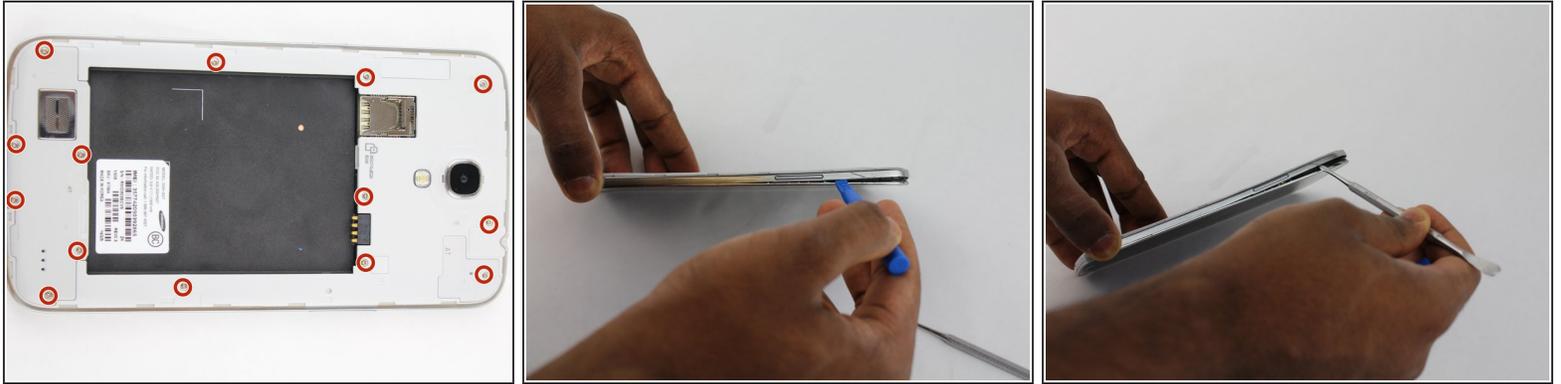
- Before starting, ensure device is completely turned off.
- On the back of phone, locate the slot on the top left corner.
- Insert plastic opening tool or fingernail and pull up on the back plate.
- With the corner released, slide your finger around the device between the back plate and the phone to release connectors.

Step 2



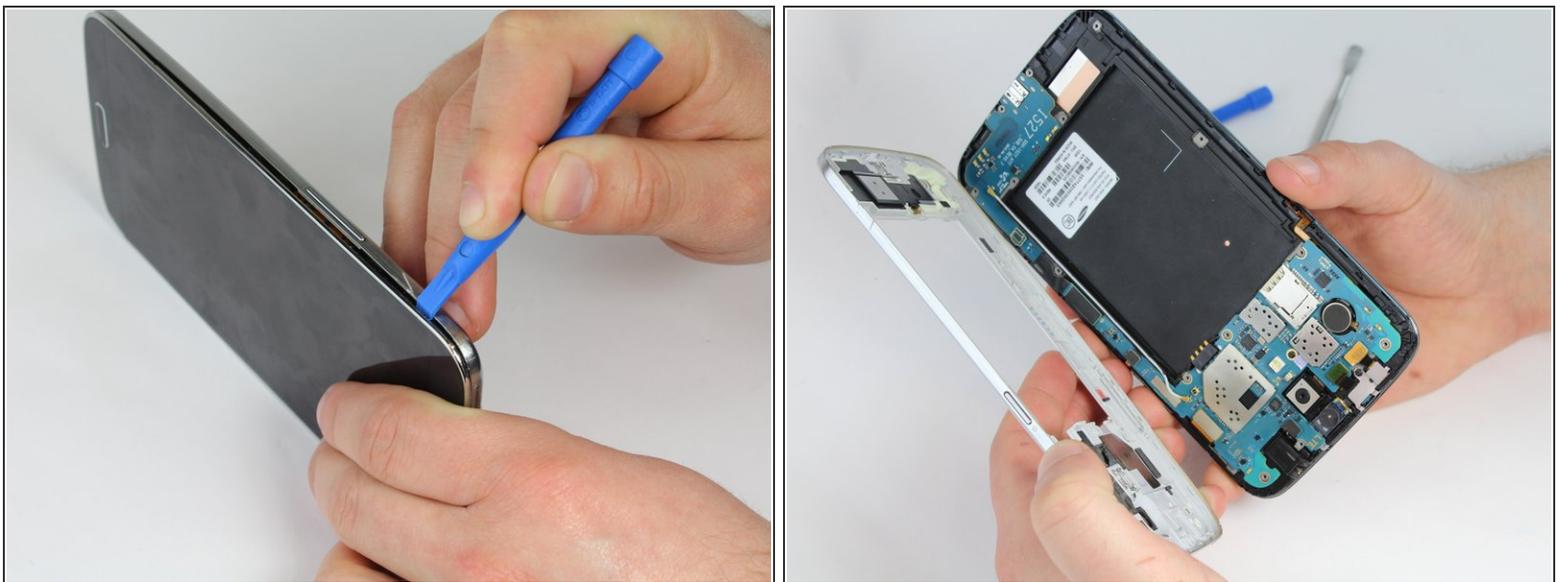
- Insert fingernail into the slot on bottom of battery and gently pull up.
- Remove the battery.

Step 3 — Midframe



- Remove the 14 3.45 mm Phillips #000 screws from the assembly.
- Gently, insert plastic opening tool into seam above the volume buttons of your phone.
- ⓘ You may substitute metal spudger for plastic opening tool to first start the opening of the seam. This may cause exterior cosmetic damage.

Step 4



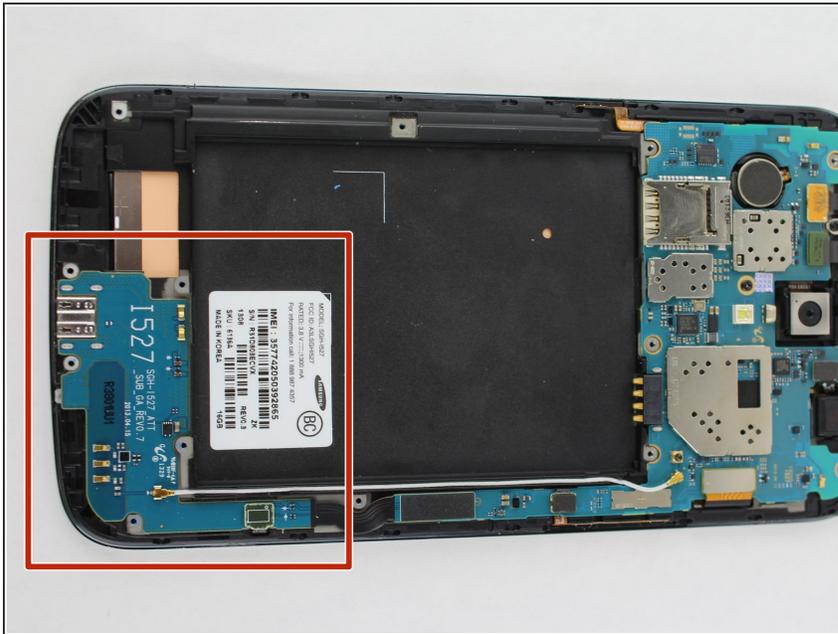
- Slowly slide plastic opening tool around the device to release all the connectors internal to the device.
- The device should easily come apart after the plastic opening tool is slid around the entire device.

During reassembly, ensure volume and power buttons align properly.

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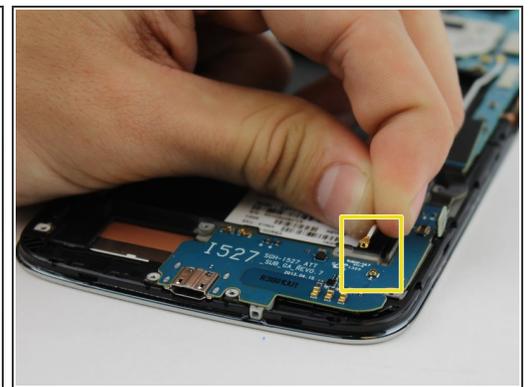
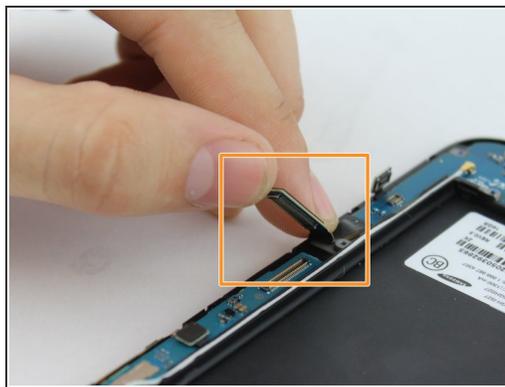


Step 5 — USB Board



- This circuit board is the charging port assembly.

Step 6



- Lift up on the clamp with your finger to disconnect the connector.
- Lift up on the clamp with your finger to disconnect the connection to the mother board.
- Grasp cable head and lift up to disconnect the cable head.

Step 7



- Use your fingers to gently remove charging port.

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