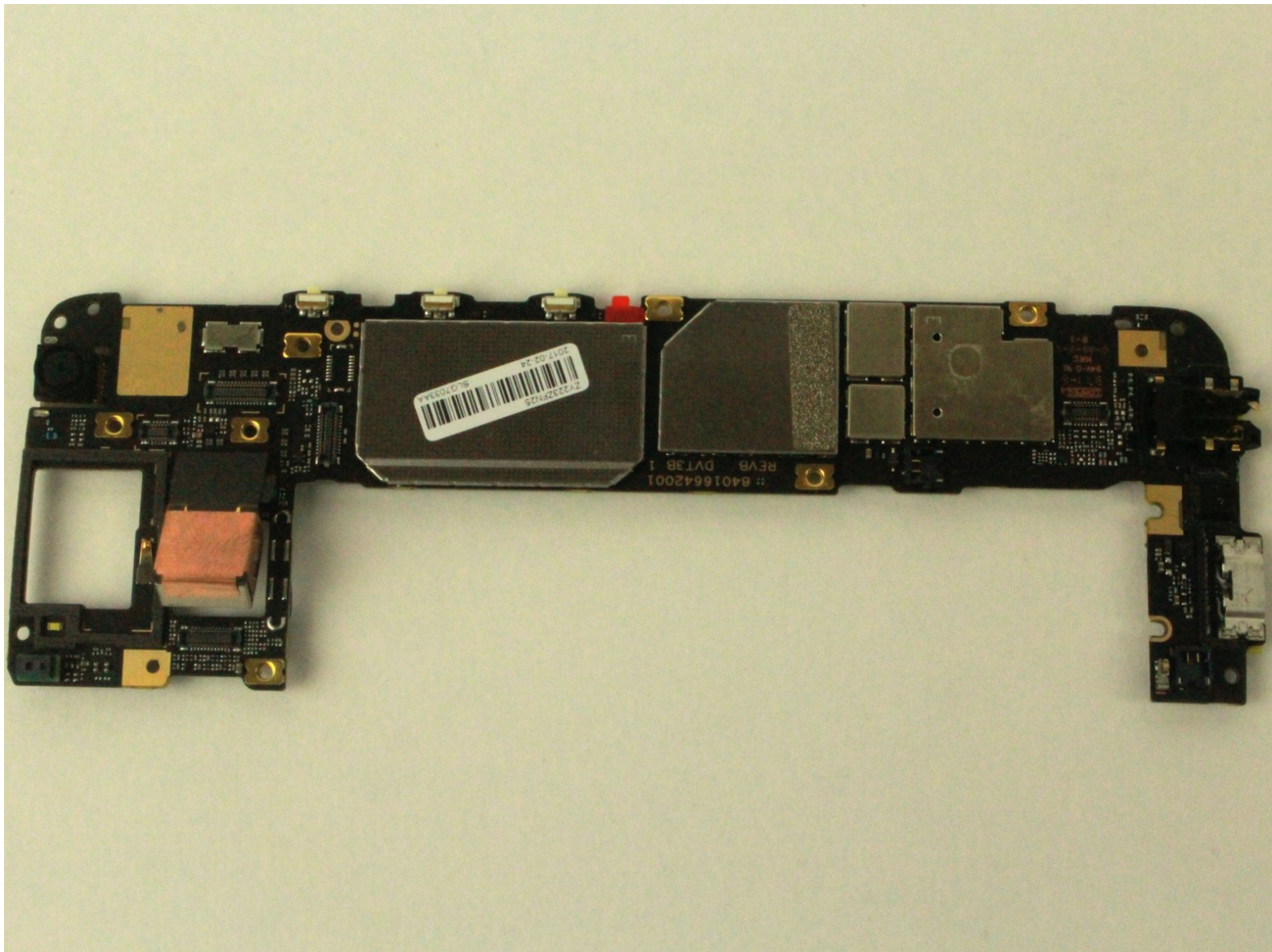




Motorola Moto G5 Plus Motherboard Disassembly

This guide will walk you through how to replace a damaged motherboard in a Motorola Moto G5 Plus.

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TOOLS:

- [Phillips #000 Screwdriver](#) (1)
- [Paper Clip](#) (1)
- [Spudger](#) (1)
- [iFixit Opening Tools](#) (1)
- [5.4cm suction cup](#) (1)
- [Heat Gun](#) (1)

Step 1 — Disassembly



- Power off the phone.

Step 2




- Remove the SIM card using a thin paperclip by inserting one end of the paper clip into the small hole on the top left corner. This will eject the SIM card from the phone.

 Be sure to store the SIM card in a safe location.

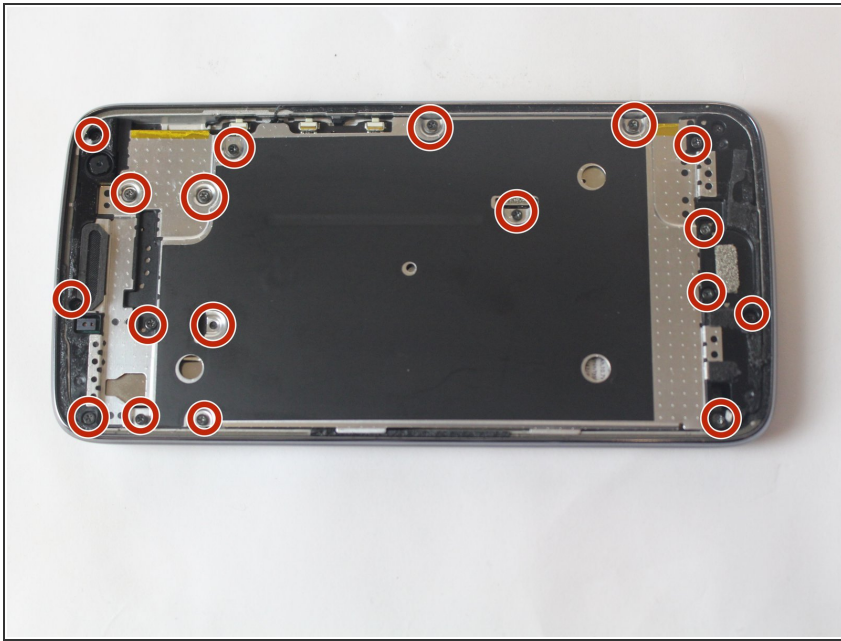
Step 3



 The screen is likely to crack as you pry it up. You should not complete this step unless you have a replacement screen available.

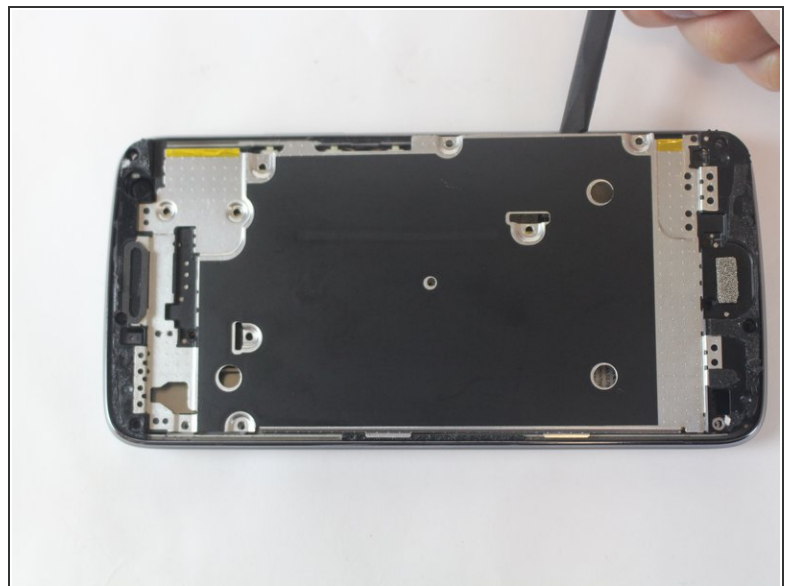
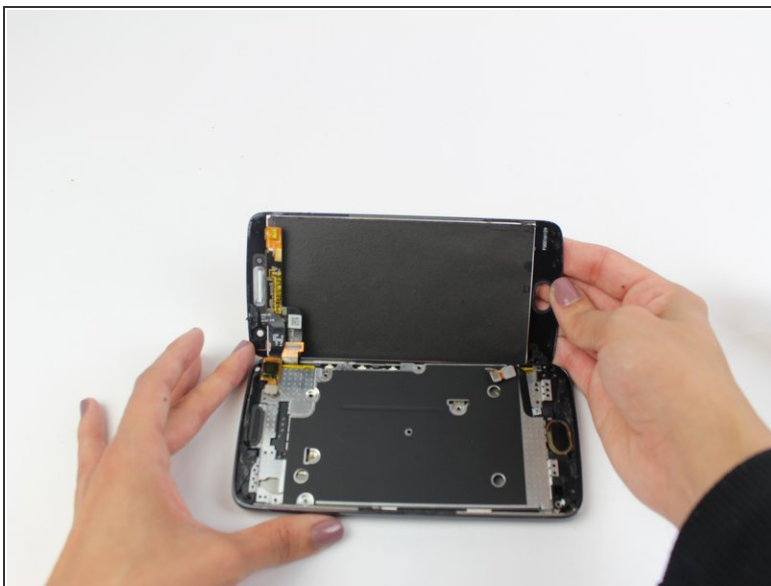
- Stick the small suction cup onto the screen. Use this to remove the screen from the phone frame in later steps.
- Using a heat gun on a low setting, slowly raise the temperature of the screen by repeatedly running the heat gun along the edges of the screen. This will soften the glue that holds the screen to the phone frame.
- Use the suction cup to gently pull up on the screen while using the plastic opening tool to gently pry the edges of the screen up.
- Once the screen has been completely separated from the phone frame, flip it to one side to expose the inside of the phone.

Step 4



- Using a size 000 Philips head screwdriver, unscrew the nineteen 4 mm screws. Yellow tinted kapton tape will need to be removed to get to some of the screws.

Step 5



- Remove the interior metal covering using the plastic opening tool.

Step 6



- Pull off all of the yellow tinted kapton tape.

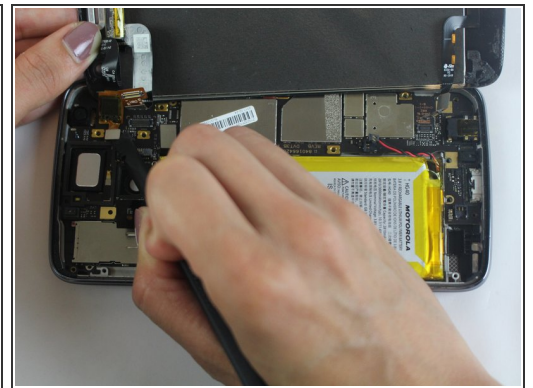
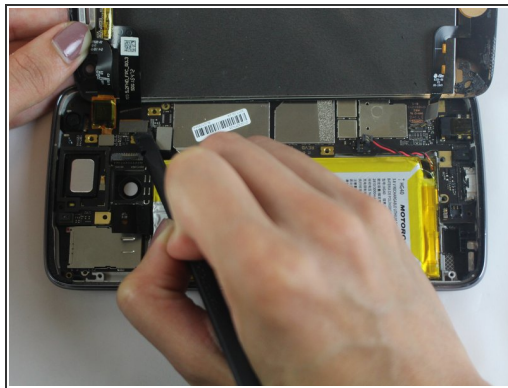
Step 7



- Unplug the battery by lifting up on the black plug with the plastic opening tool. This will shut off any power to the phone and prevent further damage.

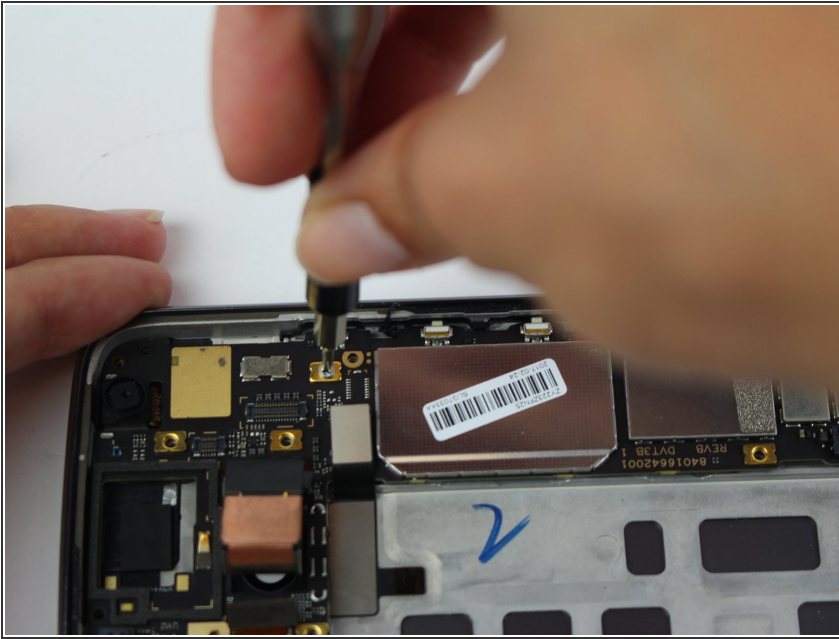
⚠ Be careful not to damage the motherboard underneath the plugs.

Step 8



- Remove the 3 flat-topped connectors that connect the screen to the phone frame by prying them up with the plastic opening tool.
- Fully detach the screen and set it to the side.

Step 9 — Motherboard Disassembly



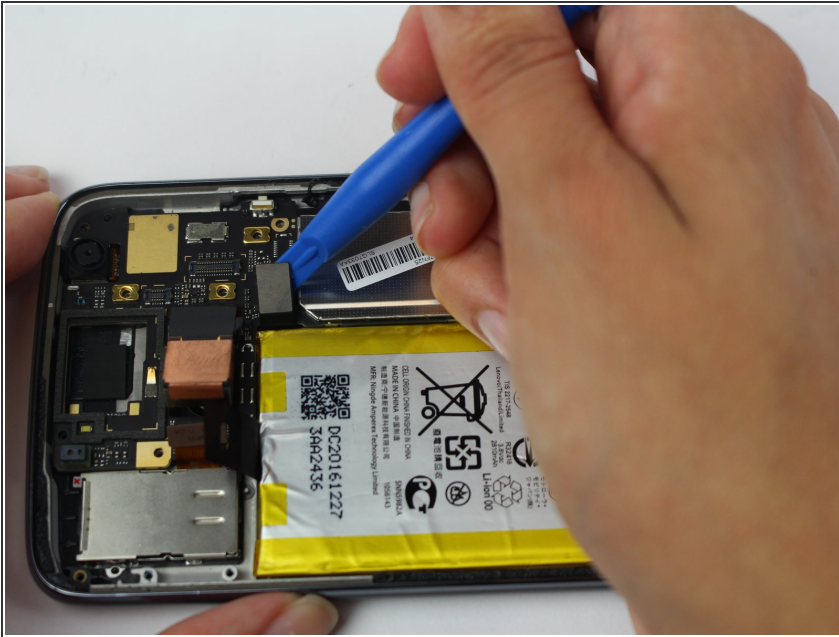
- Using the Philips 000 Screwdriver, unscrew the 3.1 mm screw.

Step 10



- Using the plastic opening tool, unplug the oscillating vibration motor.

Step 11



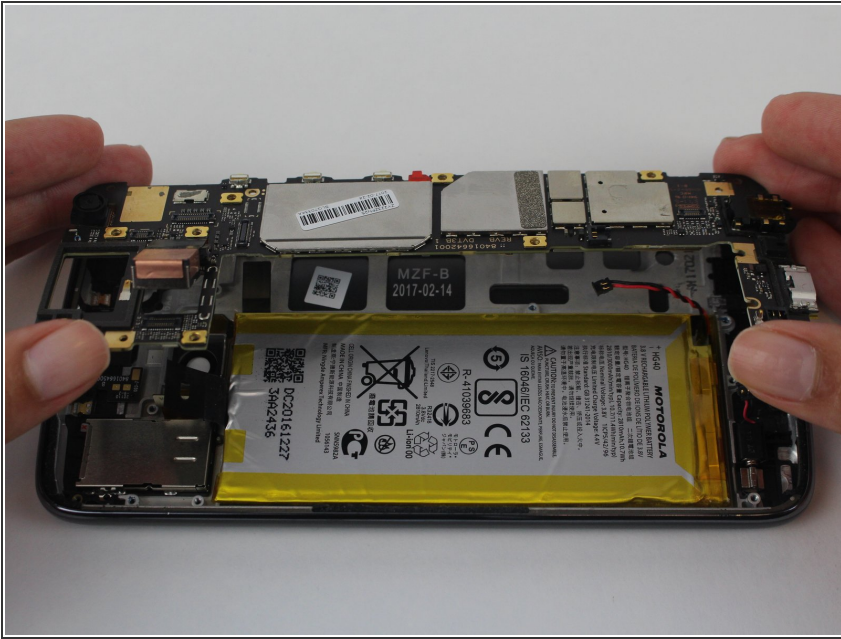
- Unplug the flat-top connector with the plastic opening tool.

Step 12



- Using the plastic opening tool, pry open the two tabs that hold the motherboard to the phone frame.

Step 13



- Remove the motherboard from the phone by prying it up with the plastic opening tool.

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