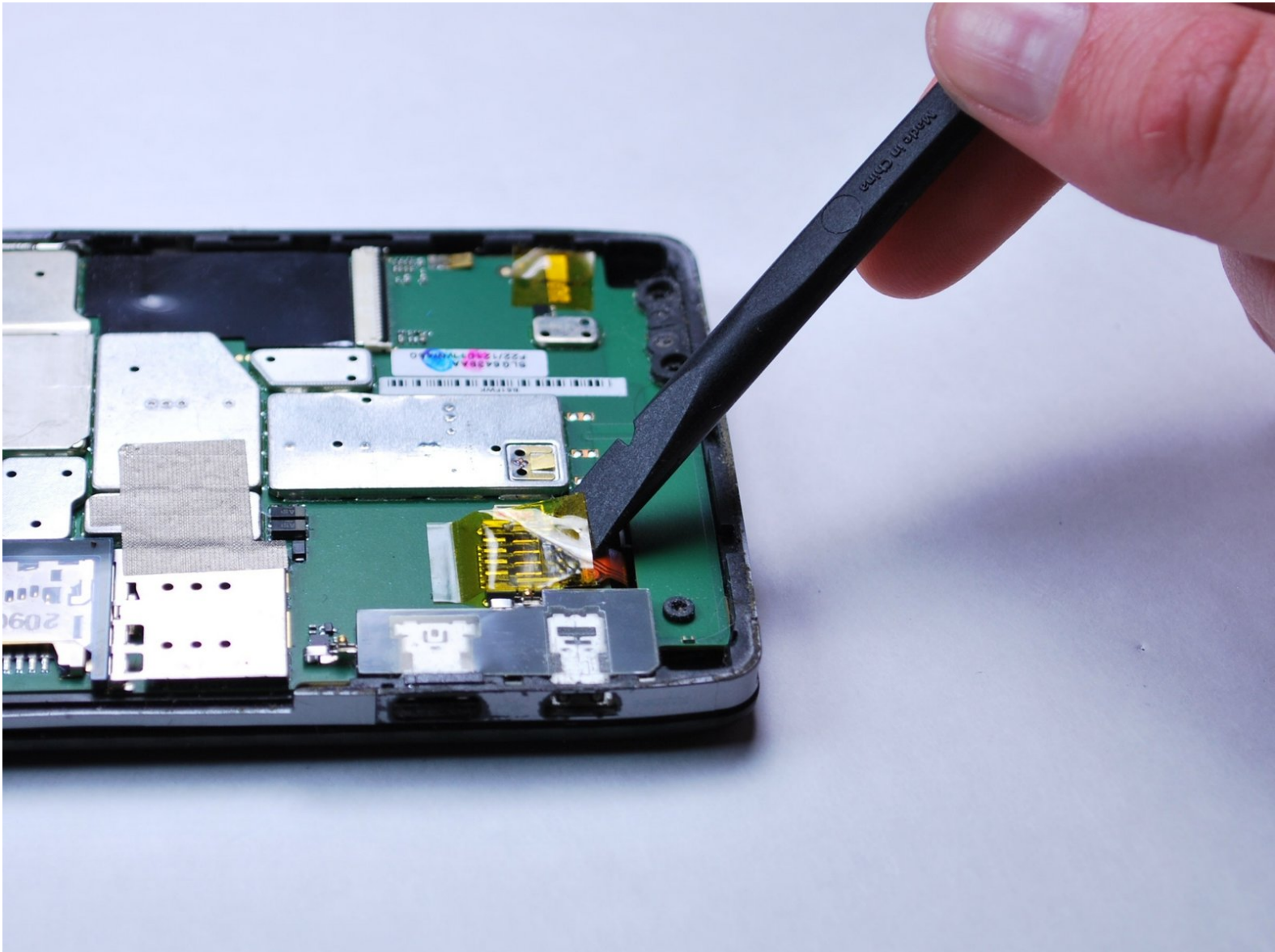




Motorola RAZR Maxx HD Circuit Board Replacement

This guide explains how to remove the circuit board and all major components.

Written By: Anna Sullivan



INTRODUCTION

This guide requires the removal of various parts and screws so make sure you are in a clean and organized environment to prevent the loss of any components.

TOOLS:

- [Spudger](#) (1)
 - [Tweezers](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [Paper Clip](#) (1)
-

Step 1 — Screen Removal



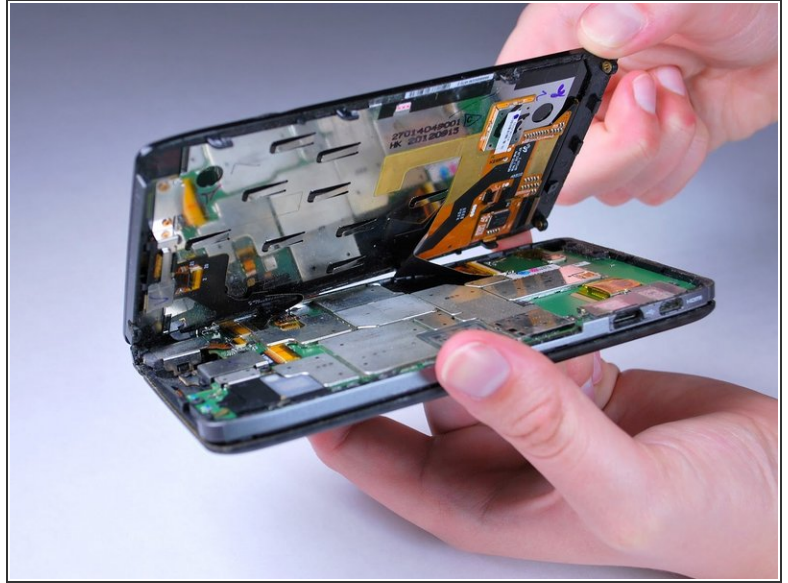
- Use the Torx T5 Screwdriver to remove two 5.0 mm screws at the bottom of the phone.

Step 2




- To remove the SIM card, use an unfolded paperclip to press down on the metal plate on the left side of the phone until it pops up.

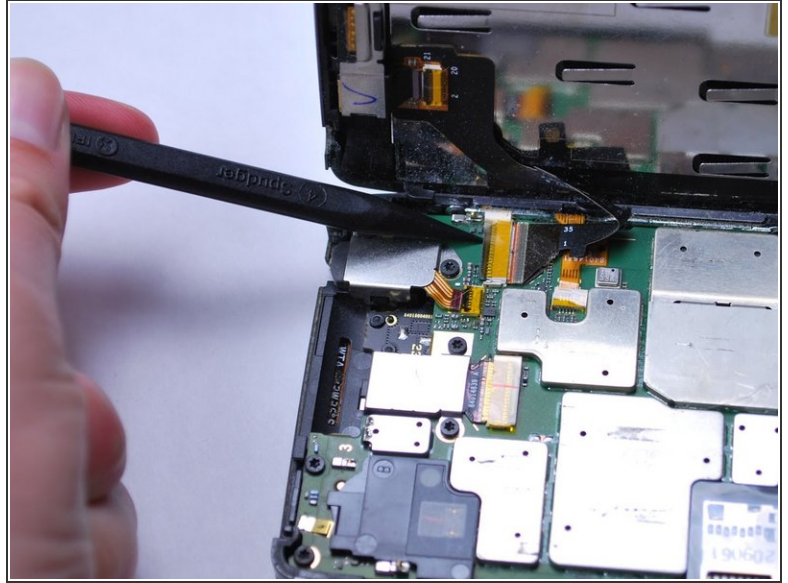
Step 3



- Gently push the screen toward the top edge of the phone and tilt the screen to reveal the black flex cables.

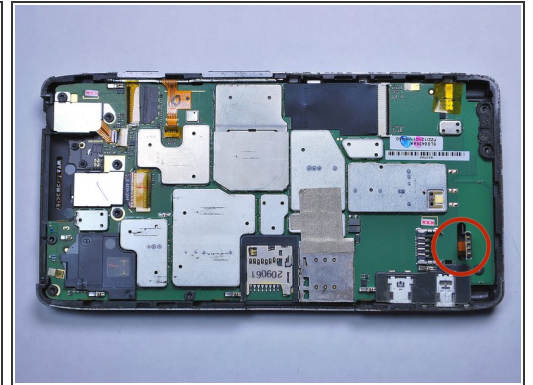
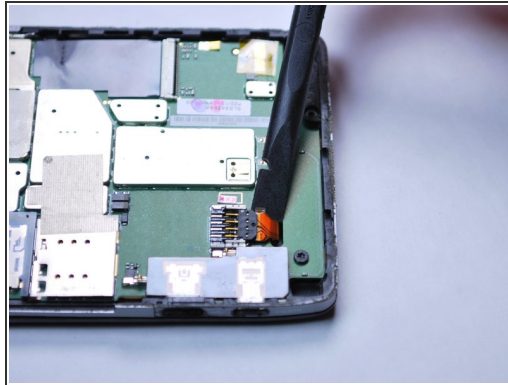
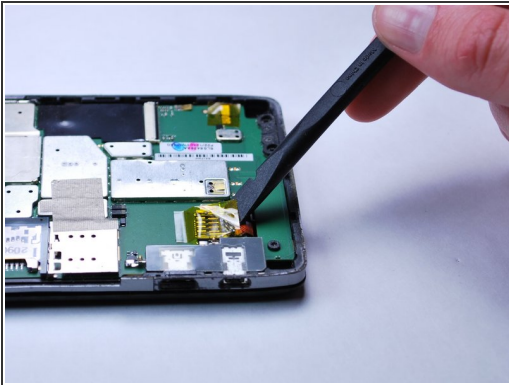
 Do NOT remove the screen all the way or the flex cables will be damaged.

Step 4



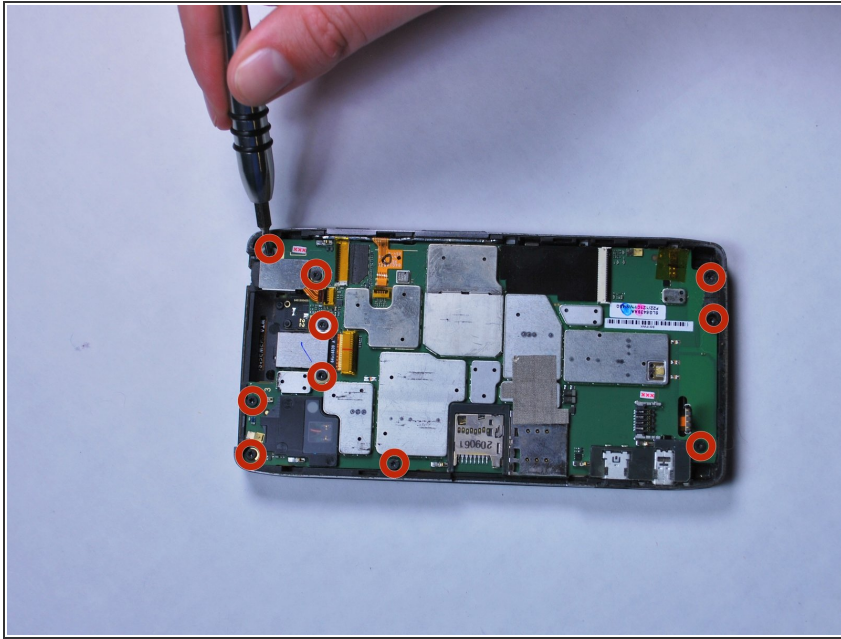
- Release the two black ribbon flex cables by gently pulling up on the connection using the spudger. Then lift the screen to remove.
 - ⚠ Make sure to remove the flex cables before completely removing the screen.
- ⓘ When reassembling, align the white bands on the edge of the screen so that a connection is made.

Step 5 — Circuit Board



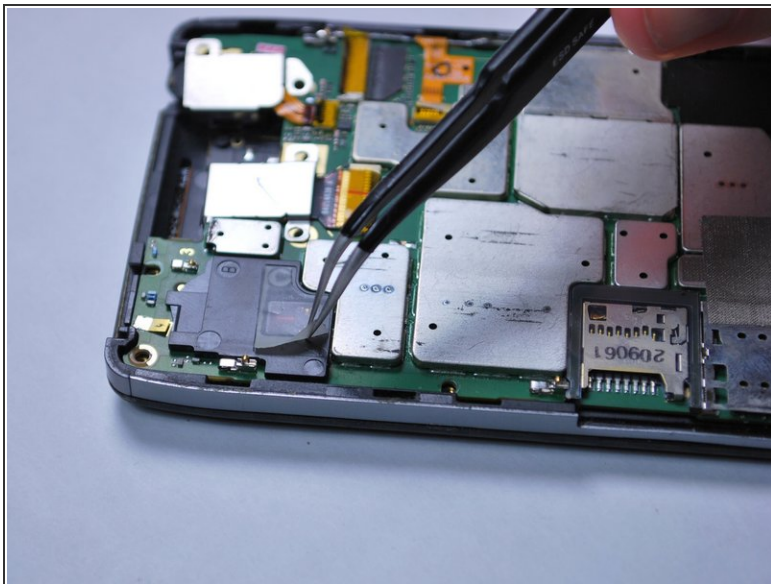
- Remove the plastic yellow tape on the battery connector using the spudger.
- Pry up on the orange connection to release it from the motherboard.

Step 6



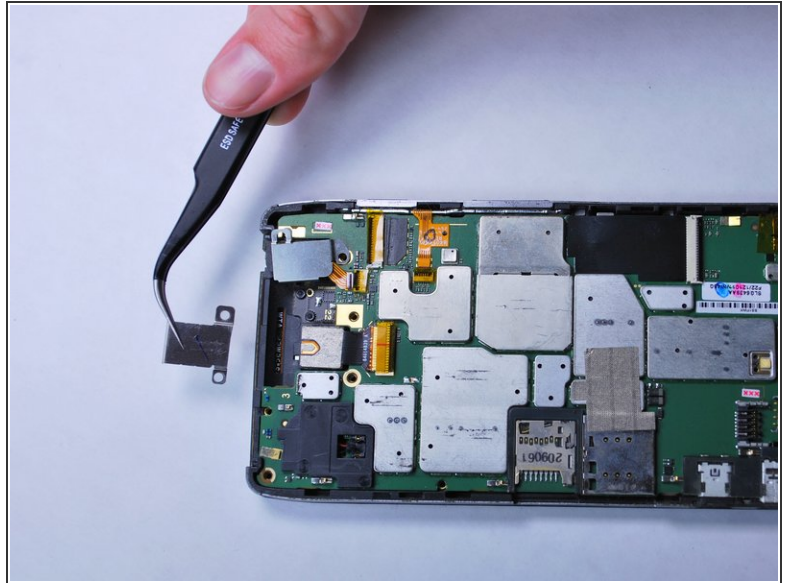
- Unscrew all ten 4.0 mm screws on the motherboard using a T5 Torx screwdriver.

Step 7



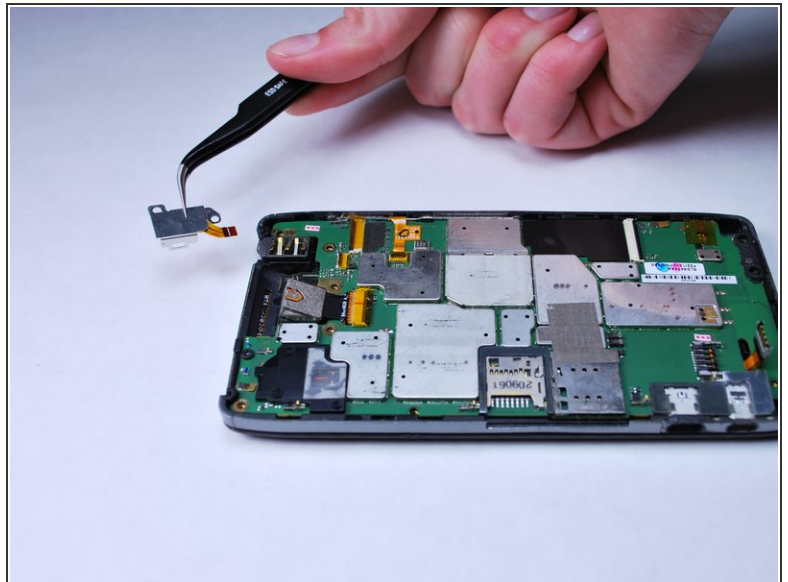
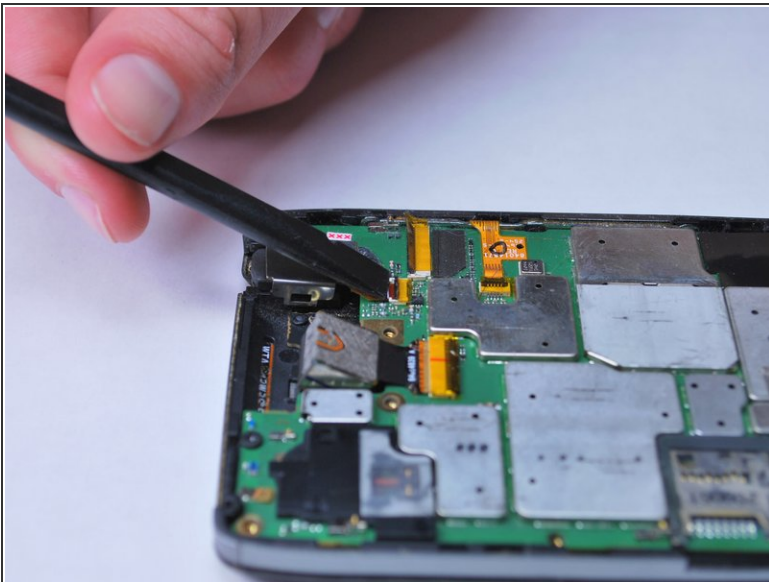
- Using tweezers, remove the clear plastic covering on the speaker.
- Pry open the connection by lifting up on the speaker wire connector.

Step 8



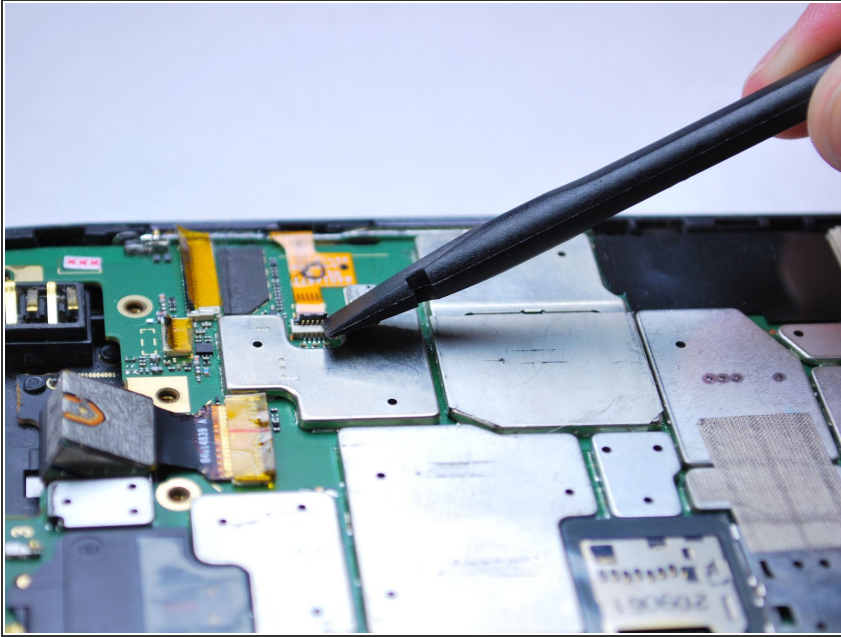
- Using tweezers, remove the back facing camera cover.

Step 9



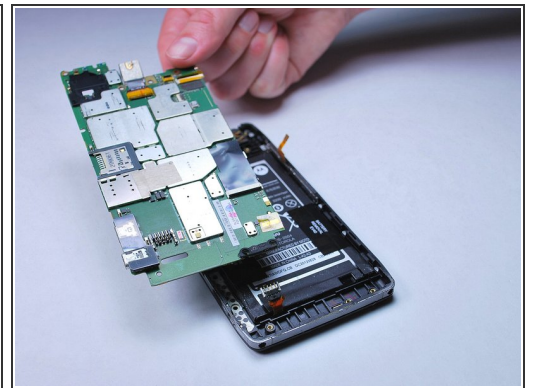
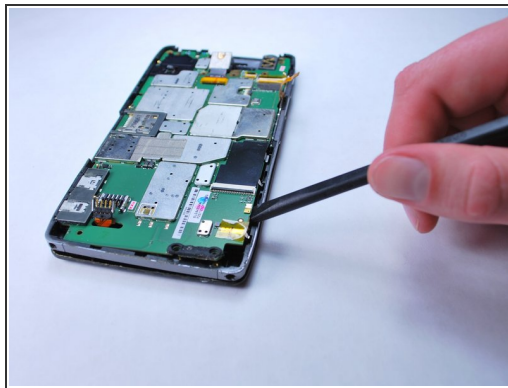
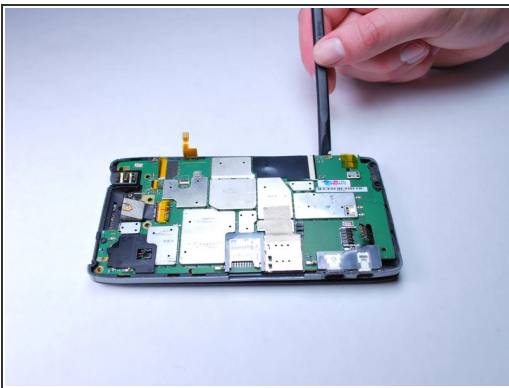
- Using the spudger tool, release the yellow ribbon cable on the headphone jack cover by pushing up on the connection.
- Remove the cover from the motherboard.

Step 10



- Release the yellow flex cable on the right side of the phone using the spudger by lifting up on the retaining clip.

Step 11



- Wedge the spudger between the motherboard and the back case.
- Work your way around the entire edge of the motherboard to release it and remove it from the back of the phone.

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