



Motorola Droid X2 Motherboard Replacement

Replacing the motherboard in your Motorola Droid X2.

Written By: Aaron Mak



INTRODUCTION

This guide will show you how to replace the motherboard, as yours may be malfunctioning. This is one of the longer processes so be patient. Tools are required. There are quite a few screws in this process so be sure to not lose any, and remember which ones came from where.

TOOLS:

- [T5 Torx Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Tweezers](#) (1)
- [Spudger](#) (1)

Step 1 — Battery



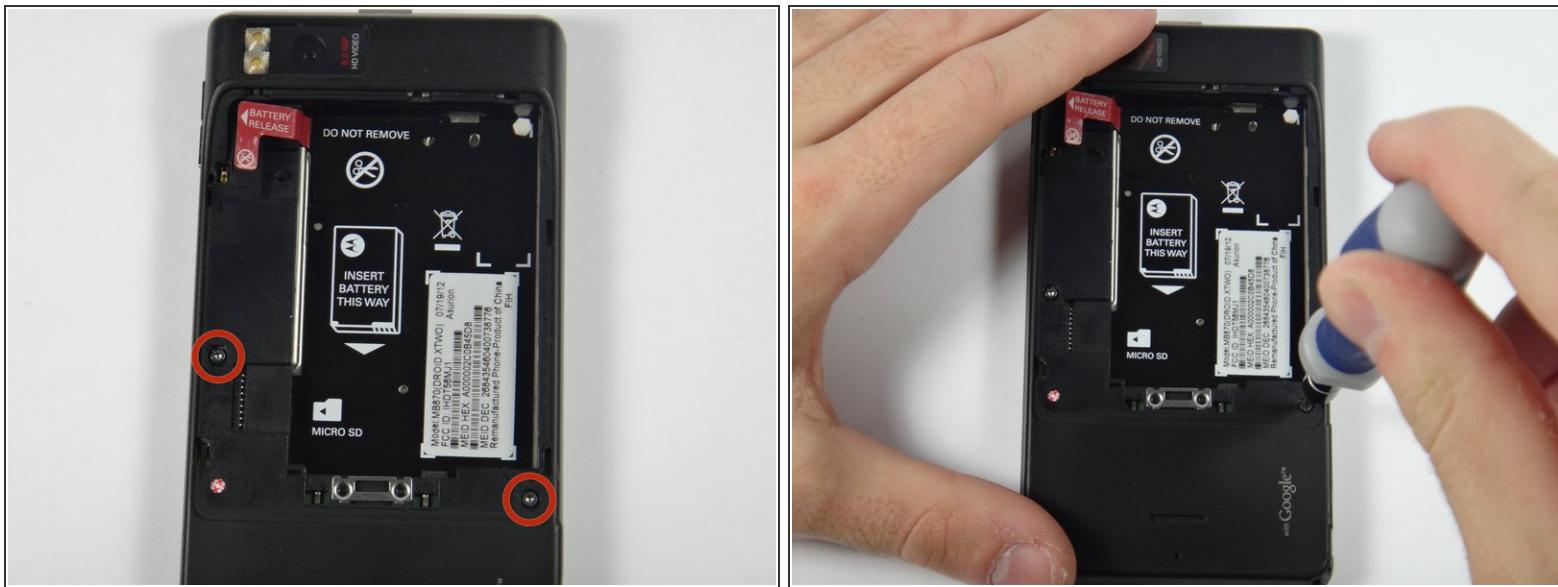
- Slide the plastic case off of the back of the phone, exposing the battery.

Step 2



- Pull up on the red battery release tab and pull the battery out of the phone.

Step 3 — Motherboard



- Remove the circled screws using a T-5 torques. These screws will be 4.3 millimeters in length.
- ⚠ Be careful to not strip any screws.

Step 4



- Using a prying tool, snap off the front casing on the top and bottom of the phone.
- Be careful not to lose the small rubber piece that sits over the microphone.

Step 5



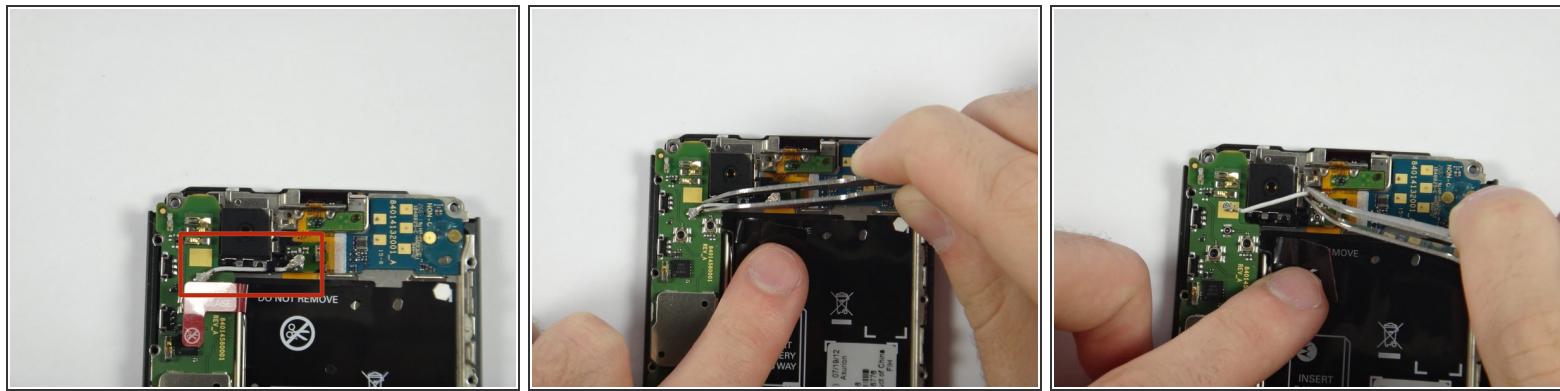
- Remove the circled screws using a T-5 torques.. These screws should be 5.8 millimeters in length.

Step 6



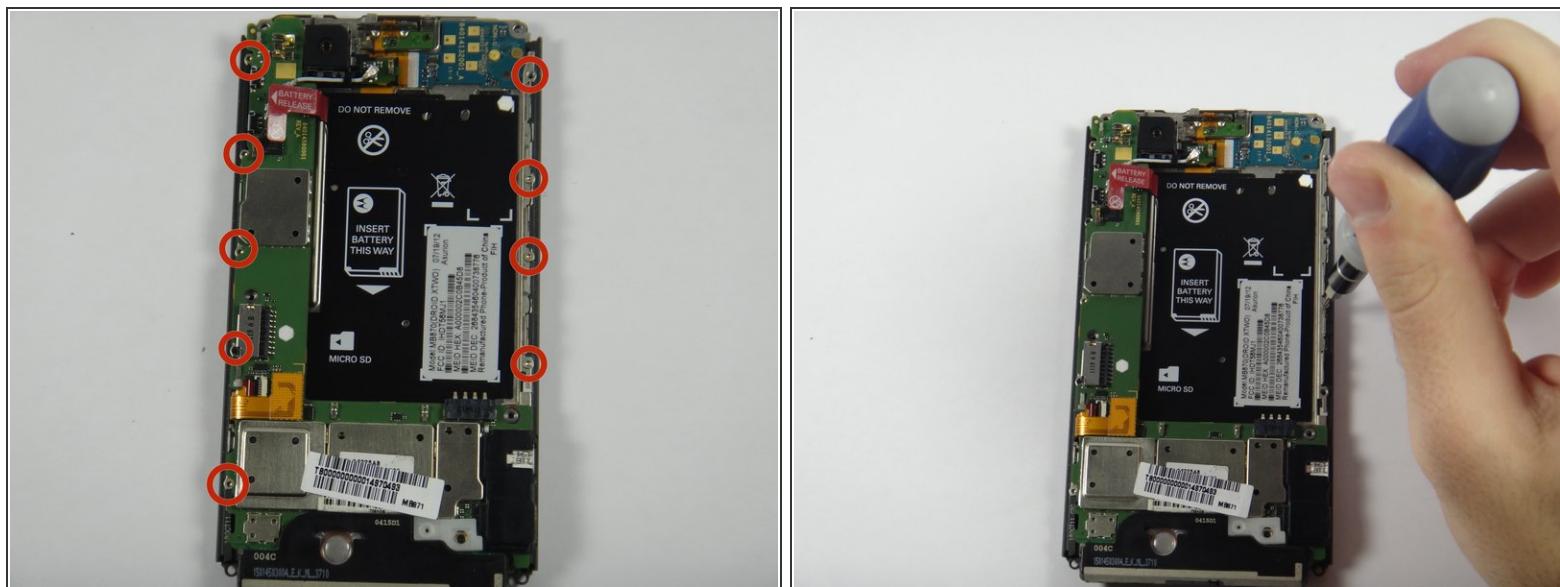
- Using a plastic opening tool, snap open the phone. It should separate into a front piece with the hardware and a plastic backing.

Step 7



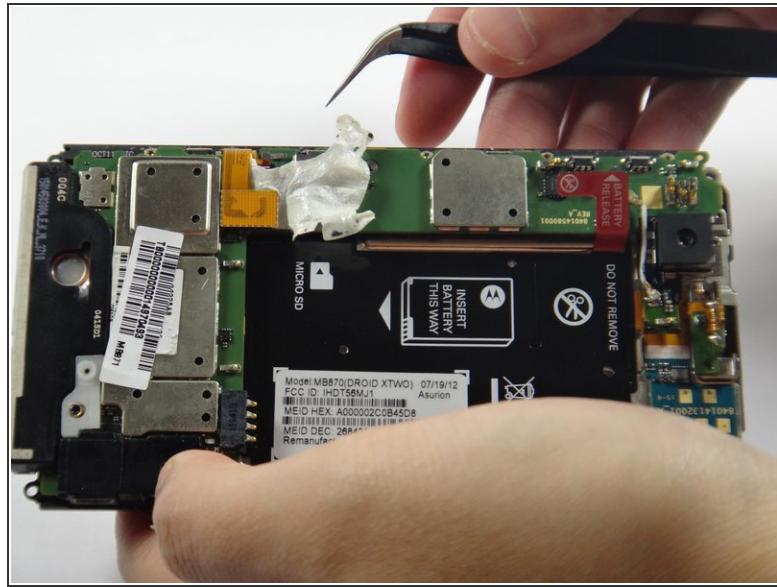
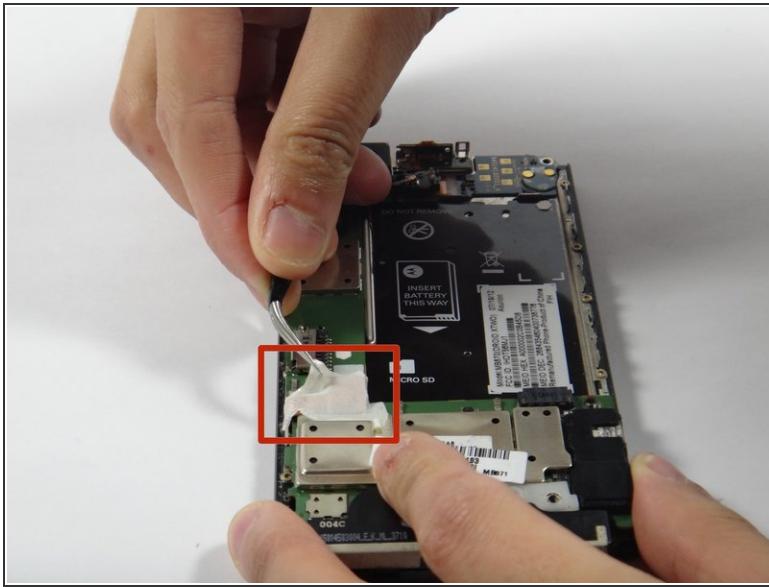
- Using tweezers, remove the white wire at the top of the phone near the camera.

Step 8



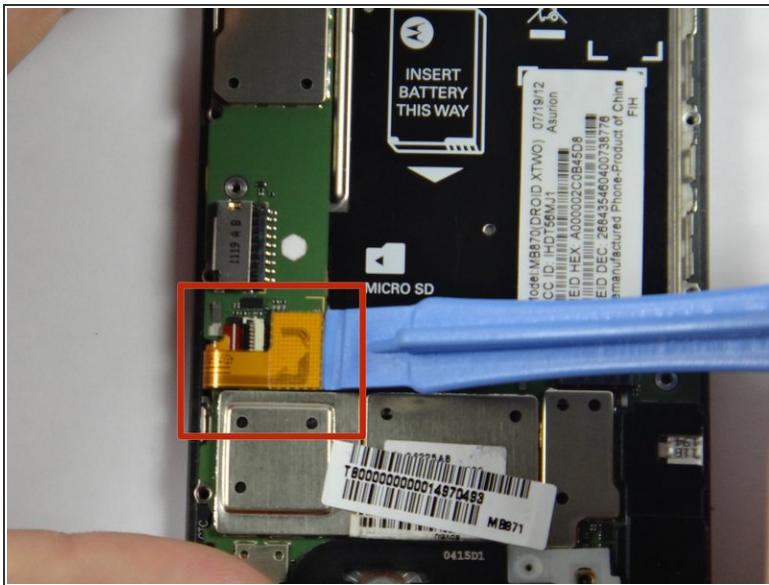
- Remove these nine screws using a T-3 torques. These screws should be 2.40 mm in length

Step 9



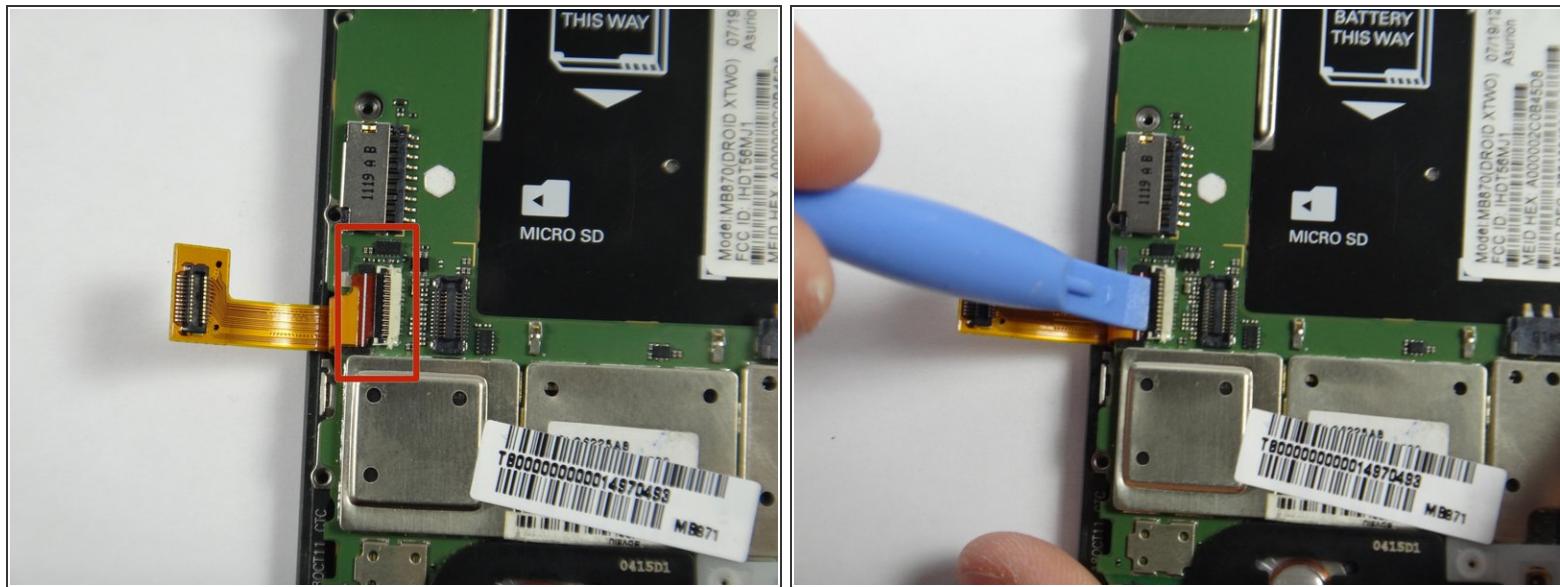
- Using tweezers, removed the white electrical tape on the motherboard.

Step 10



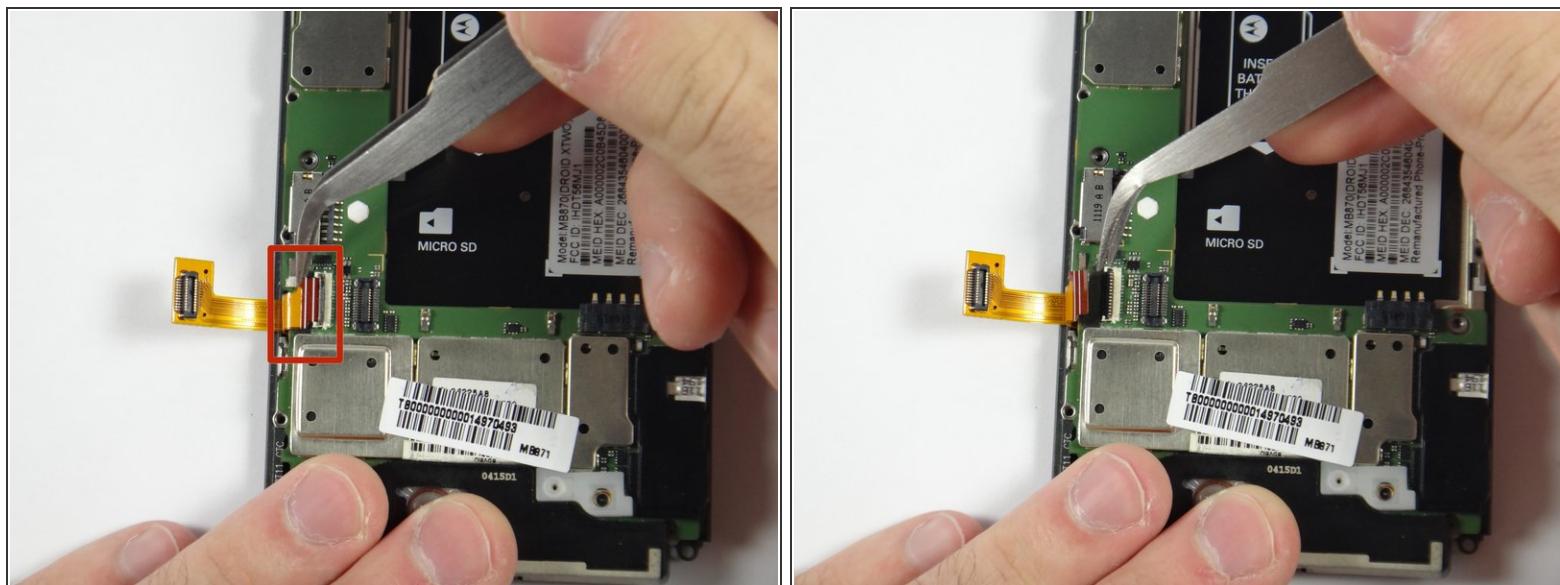
- Using the plastic opening tool, lift up to remove the connector.

Step 11



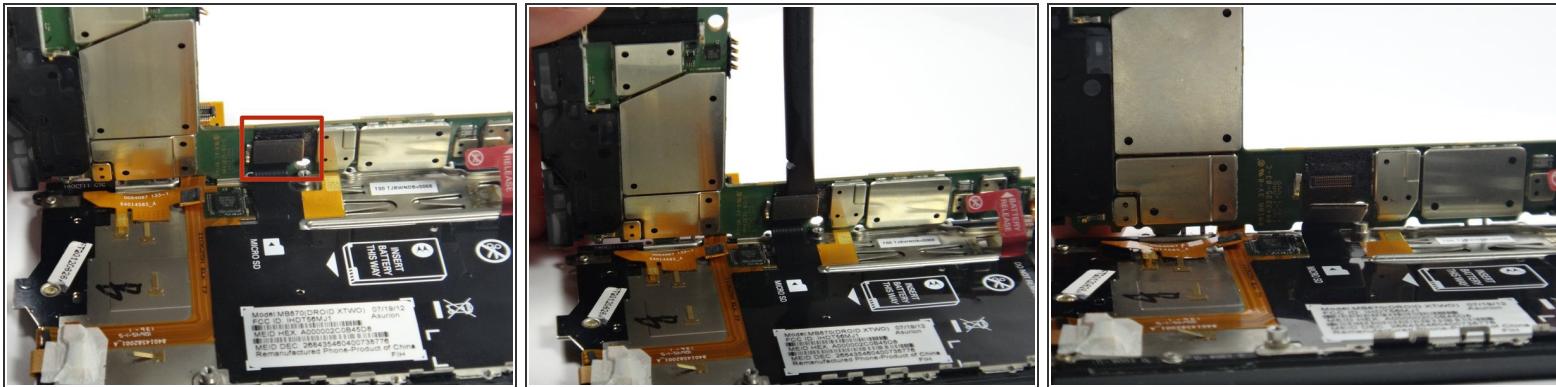
- Using a pry tool, lift the jawbone connector.

Step 12



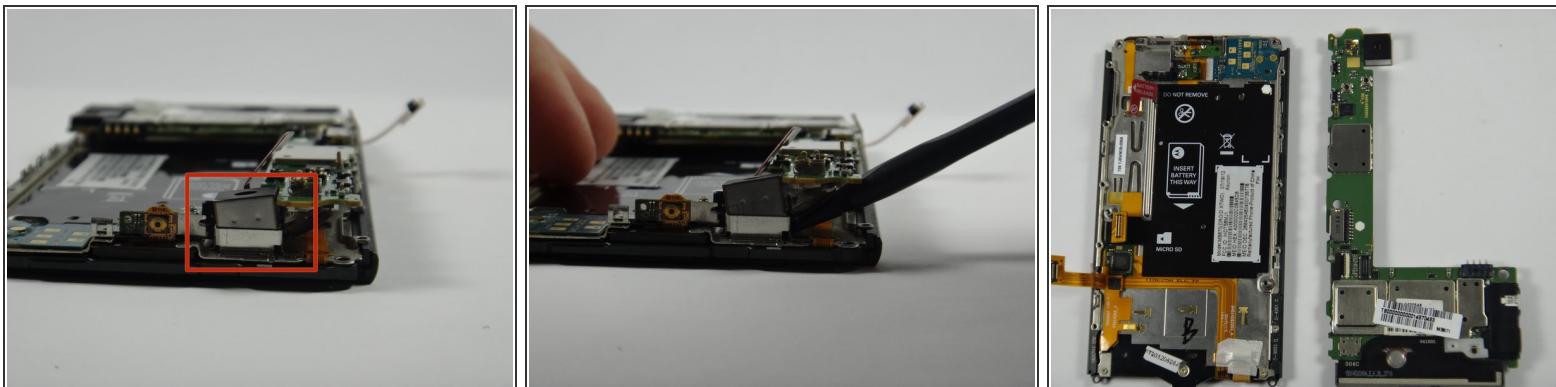
- Using tweezers, carefully disconnect the cable connector by pulling the cable out.

Step 13



- Use a spudger to disconnect the cable connector.

Step 14



- Using a spudger, remove the camera. Lift up the motherboard and slide the spudger under the camera.

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