



Motorola V276 Flex Cable Replacement

Installing a new flex cable for the Motorola V276 phone.

Written By: Jonathan Cheung



INTRODUCTION

Installing a new flex cable for the Motorola V276 phone.



TOOLS:

- [Spudger](#) (1)
- [T6 Torx Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)



PARTS:

- [Motorola V276 Flex Cable](#) (1)

Step 1 — Battery



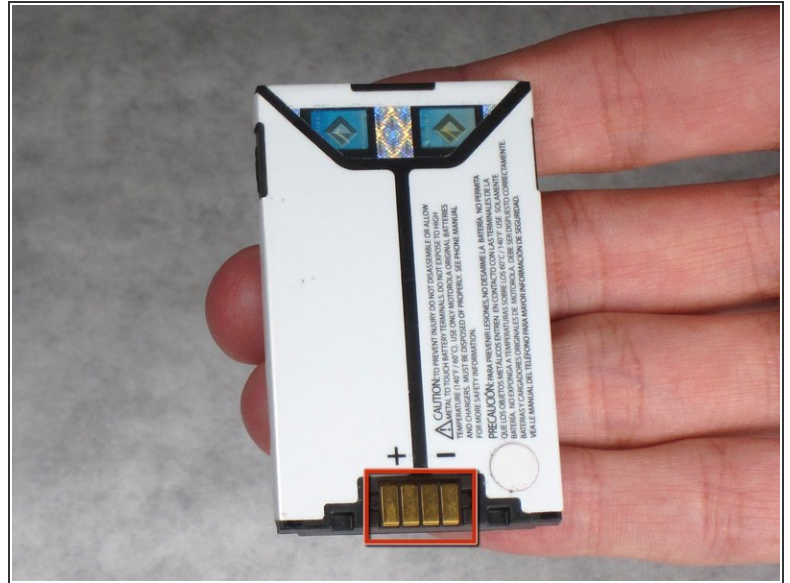
- Locate the silver button on the back of the phone, near the bottom.
- Depress the silver button with one hand and slide the back cover of the phone *away* from the antenna.
- ⓘ The back cover should slide off easily.

Step 2



- Insert a plastic spudger near one corner of the battery (preferably one furthest from the phone's antenna).
- Gently pry the battery up and away from the phone. The battery should easily raise out of its place.
- Now that the battery is exposed, use your fingers to remove the it from the phone.

Step 3



- Note the metal connections on the phone, which are now exposed with the battery removed.
- There are corresponding metal connectors on the replacement battery.
- When you install the battery, be sure both connectors are matched up. Otherwise, your battery will be unable to supply power to your phone.

Step 4 — Motherboard



- Use a spudger to remove the rubber plug from the upper left corner of the back of the phone.

Step 5



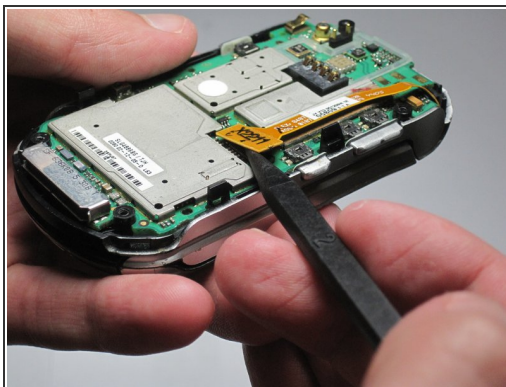
- Use a Torx T6 screwdriver to remove the 4 screws that secure the back plate of the phone.

Step 6



- Three tabs will hold the back plastic plate in.
 - To remove the back plate, pull the tabs towards the outside of the phone and lift the plate up simultaneously
- ⚠ Be careful when removing the back plate; don't put too much stress on the back plate or the plastic may snap

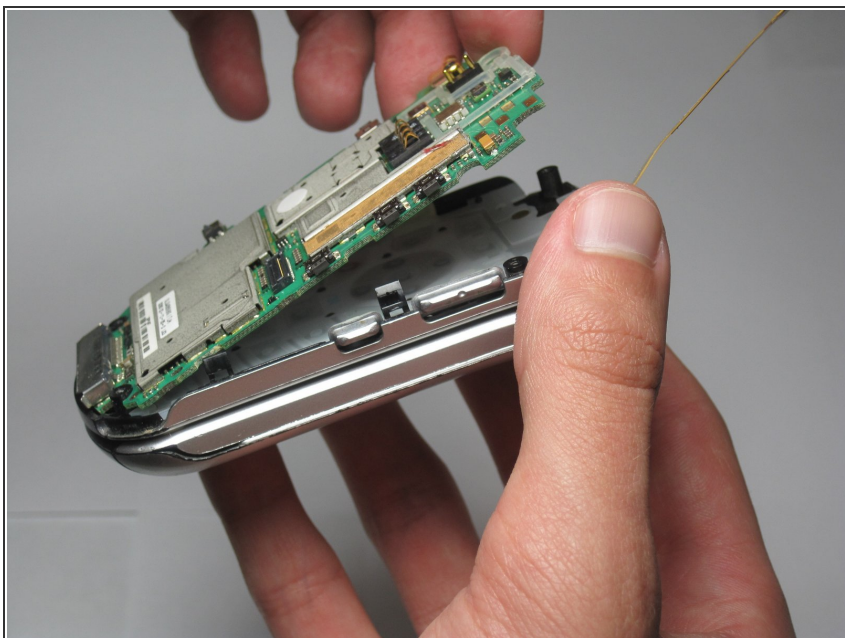
Step 7



- Use a spudger to remove the ribbon cable from the motherboard.

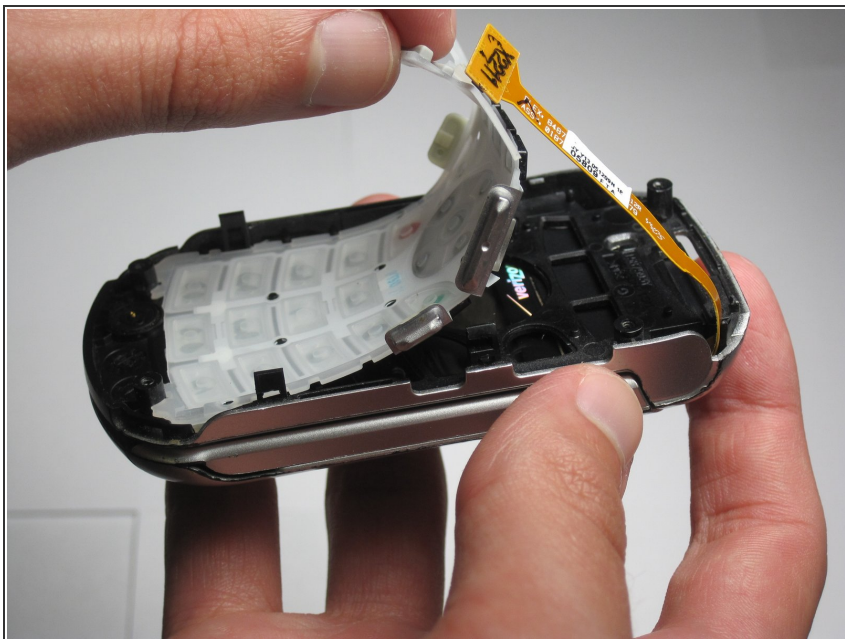
⚠ Be delicate while removing the ribbon cable because it is slightly fragile and it is necessary for the phone to function

Step 8



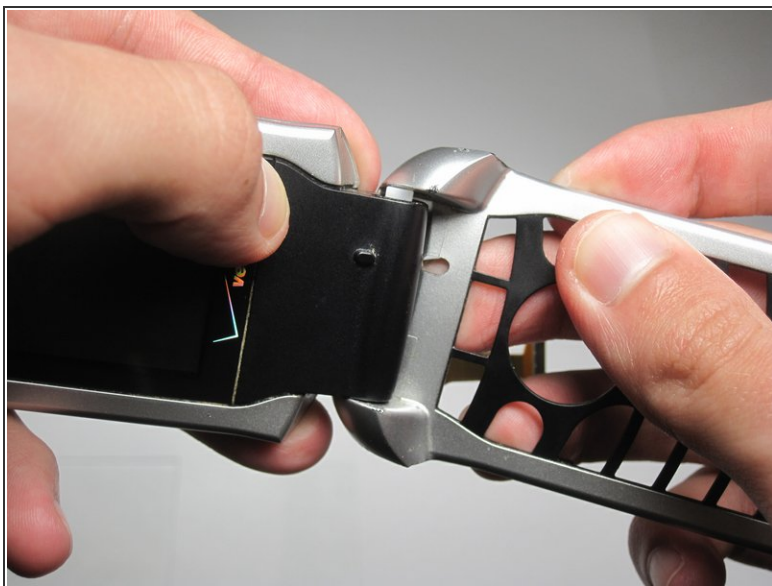
- Gently peel back the motherboard from the main part of the phone.

Step 9 — Flex Cable




- Remove the keypad from the bottom half of the phone.

Step 10



- Detach the bottom half of the phone by pulling out on the bottom half and pulling up on the top half.

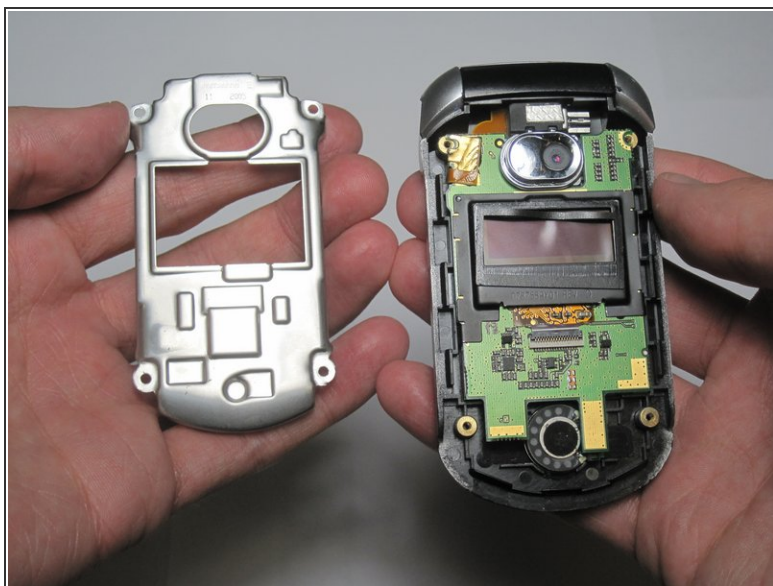
 A small amount of force is necessary to pull the two pieces apart, but be careful because the plastic may break.

Step 11



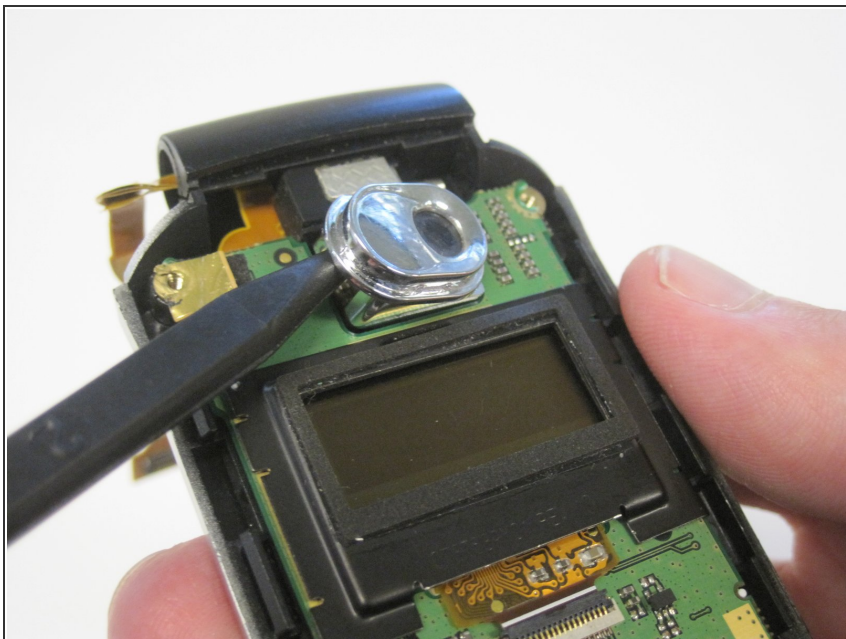
- Use a plastic opening tool to remove the front cover of the phone.

Step 12



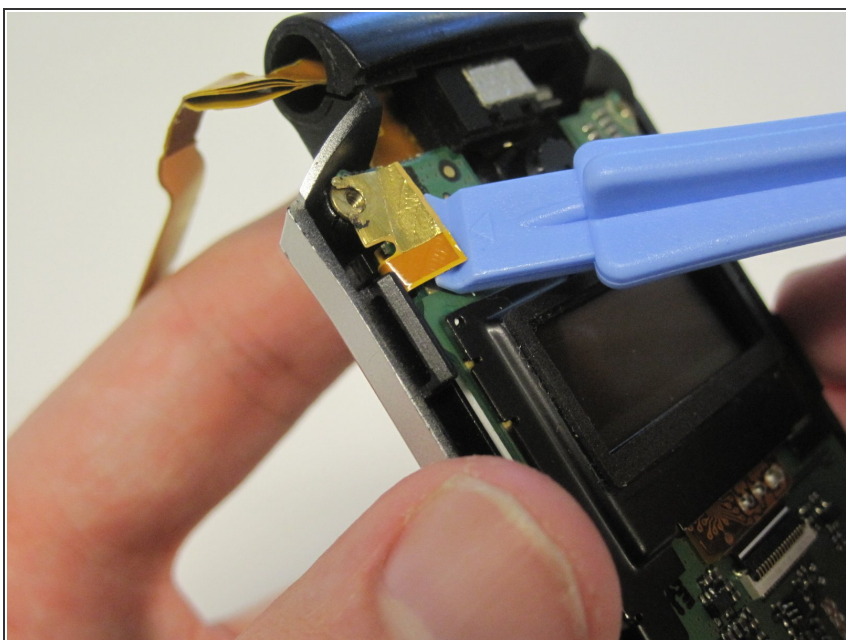
- Remove the four screws holding in the metal cover.

Step 13



- Use a spudger to remove the plastic protector case around the camera.

Step 14



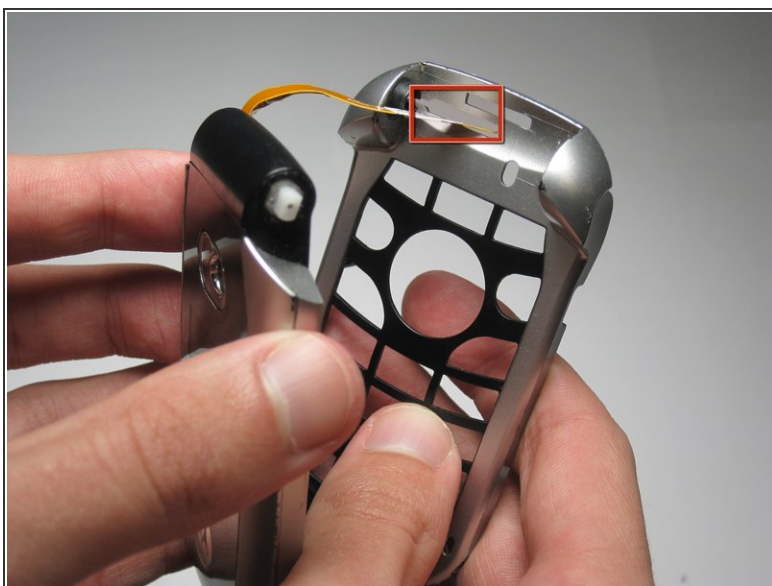
- Use a plastic opening tool to peel off the gold tape that holds the flex cable in place.

Step 15



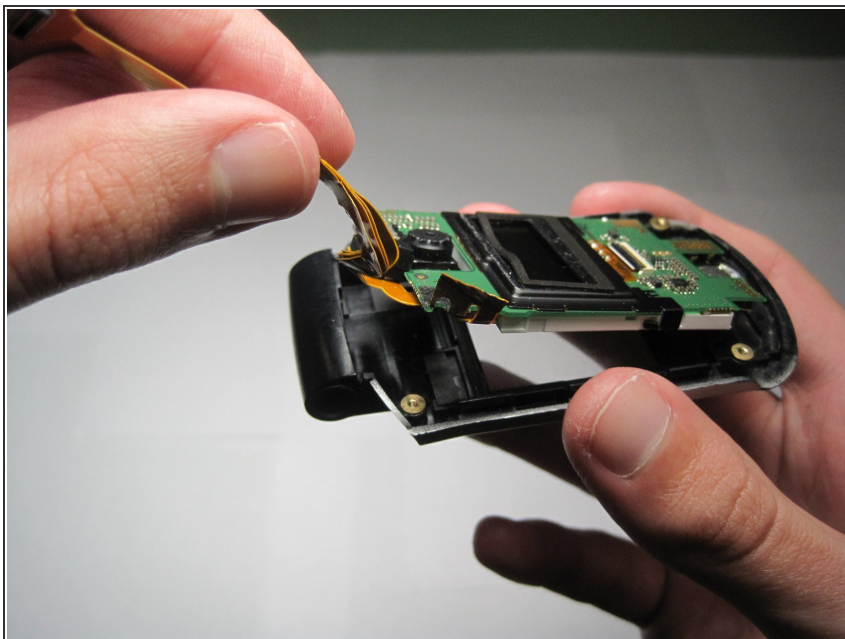
- Slide the ribbon cable through the tiny slit located in the hole on the side of the frame.

Step 16



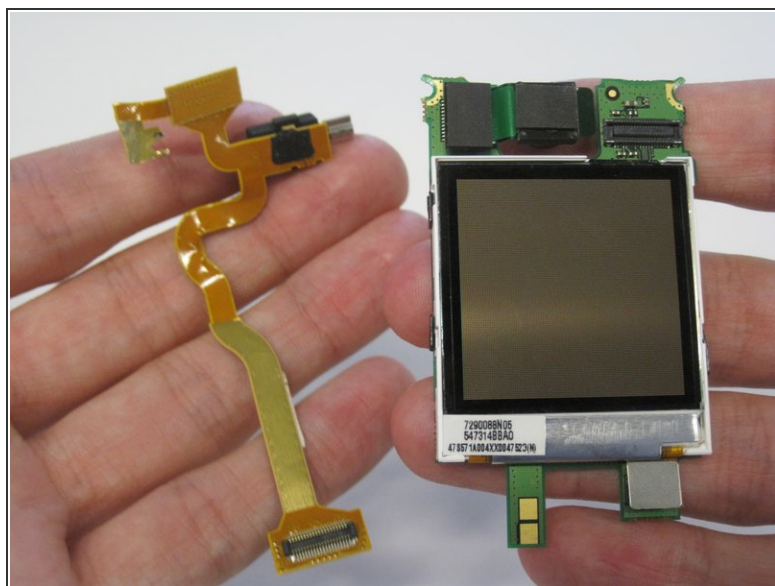
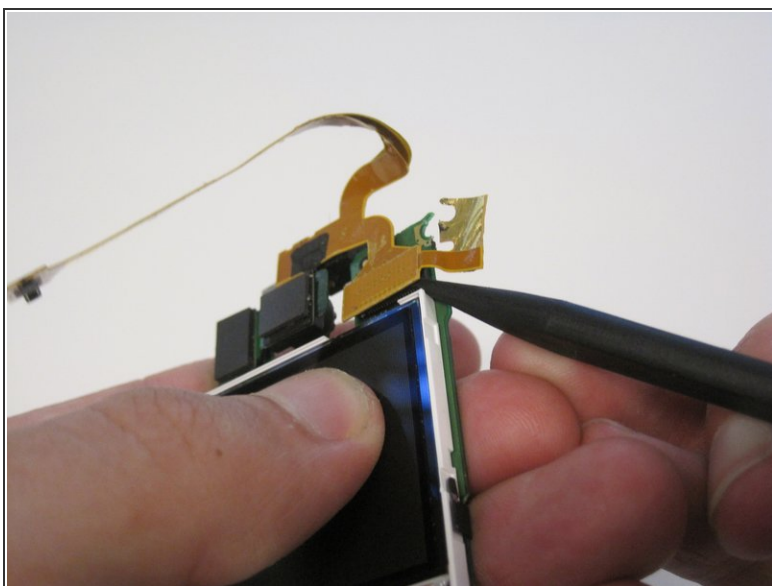
- Slide the ribbon cable through the rectangular hole in the bottom half of the frame.

Step 17



- Remove the ribbon cable and the motherboard (still connected) from the frame of the phone.

Step 18



- Use a spudger to detach the ribbon cable from the motherboard.

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