



# Canon Pixma MP480 Motherboard Replacement

This guide will show you how to detach the...

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## INTRODUCTION

This guide will show you how to detach the motherboard from the printer, in order to replace or repair it.

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### TOOLS:

[Desoldering Braid](#) (1)  
[Phillips #1 Screwdriver](#) (1)  
[Rosin Flux](#) (1)  
[Lead-Free Solder](#) (1)  
[Soldering Iron](#) (1)

### PARTS:

[Canon Pixma MP480 Motherboard](#) (1)

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## Step 1 — Rear and Side Panel



- Remove the two 7.9 mm screws using a Phillips #1 screwdriver.

## Step 2



- Lift up the back cover to remove it.
- ① You may need to lift firmly as it requires quite a bit of force.

## Step 3



- Open the front tray.

## Step 4



- Open the scanner compartment.
- ⓘ Make sure the blue lever locks into place to keep the compartment open.

## Step 5



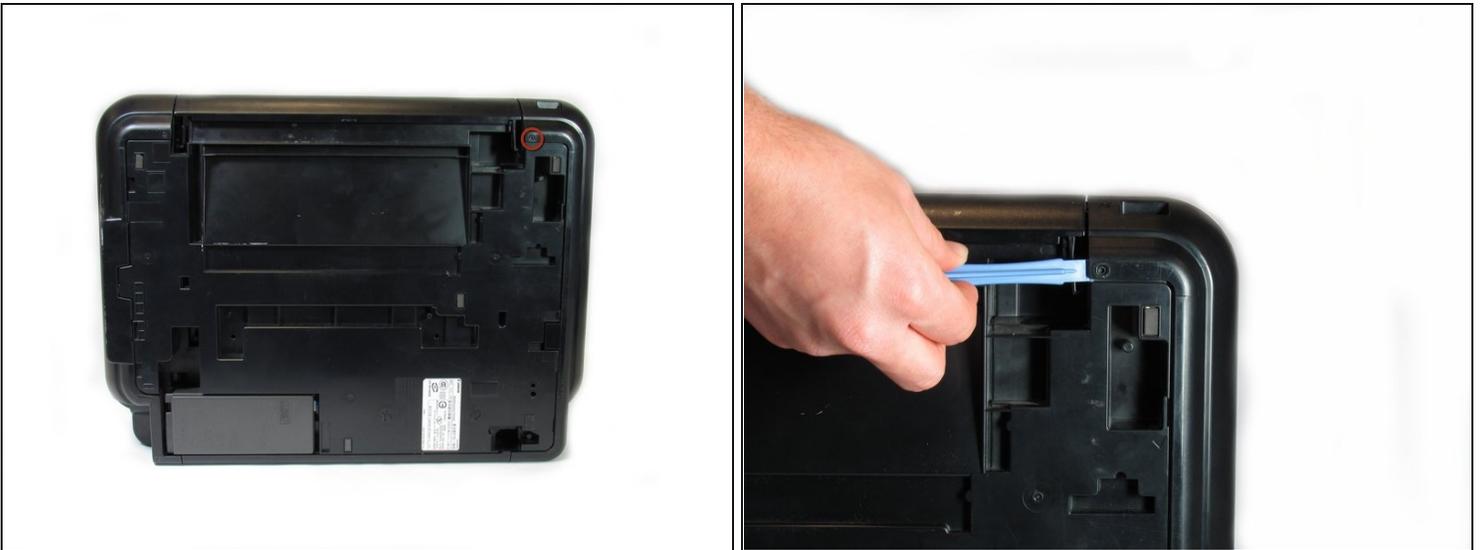
- Remove the blue lever from its slot by pushing it back and twisting clockwise.
- Close the scanner compartment and cover.

## Step 6



- Pry open the side cover with the plastic opening tool.

## Step 7



- Flip the printer over so that the bottom of the printer is facing you.
- Use the plastic opening tool to remove the corner of the side panel from the plastic pin.

## Step 8



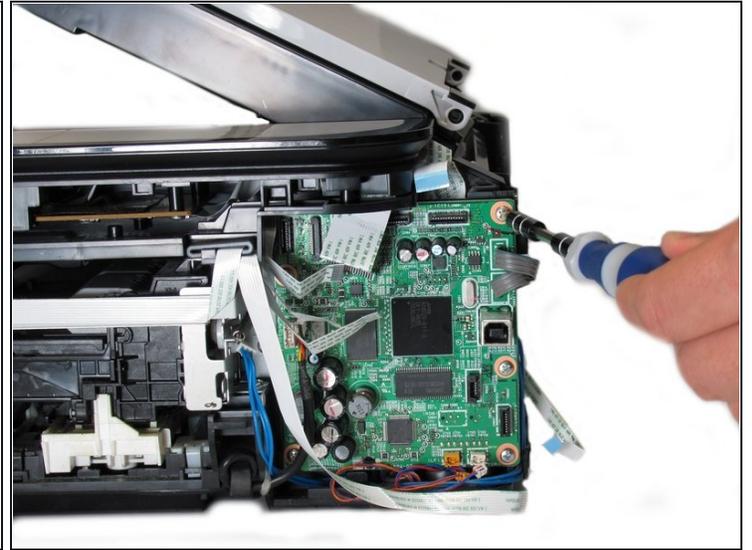
- Use the plastic opening tool to loosen the side panel from the bottom of the printer.

## Step 9 — Motherboard



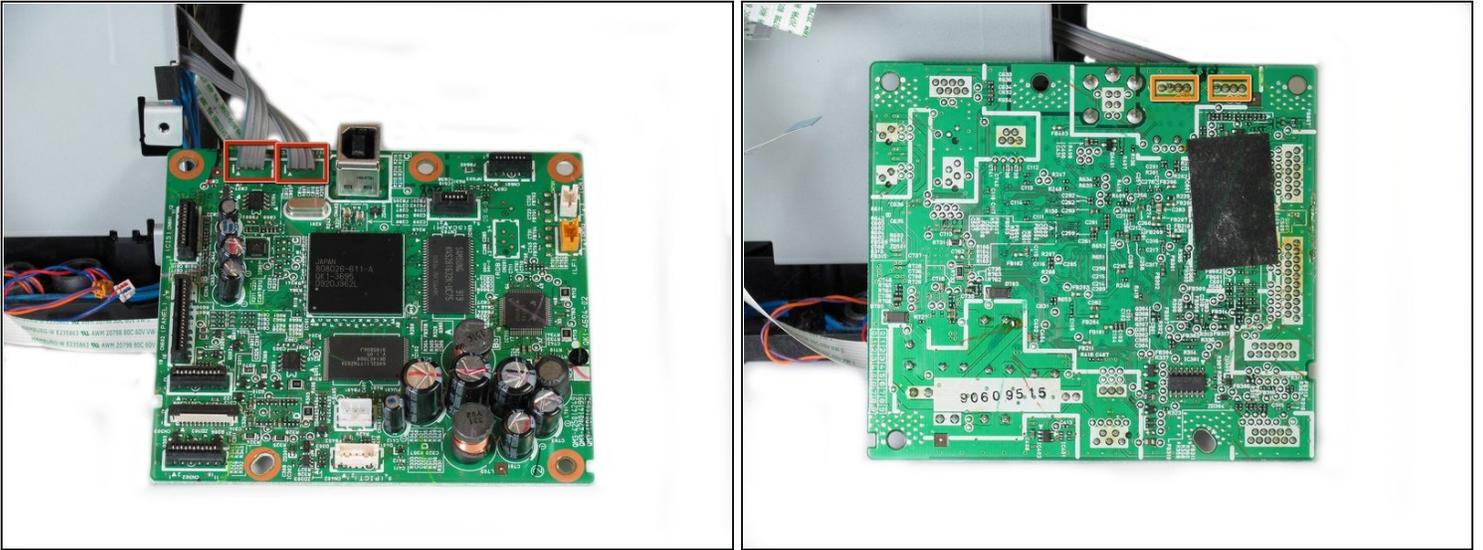
- Gently pull the 6 ribbon wires out.
- Gently pull the 4 molded cable assemblies out.

## Step 10



- Unscrew the five silver Phillips screws that secure the motherboard:
  - Five 3.65mm Phillips #1 screws.

## Step 11



- Once all wires and screws have been removed, gently take the motherboard out of the printer.
  - These wires are soldered onto the bottom of the PCB and must be de-soldered in order to completely detach the motherboard from the printer.
- ⚠ If you do not know how to operate a soldering iron, do not attempt to finish this guide.**
- De-solder these eight solder joints on the bottom of the motherboard.
  - When reinstalling the motherboard back into the printer, solder the highlighted joints (in orange markers in the second photo) back onto the board.

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Congratulations on successfully removing the motherboard from the printer! To reassemble the motherboard, follow these instructions in reverse order.