# Xiaomi Mi A2 USB Port Replacement

If your Xiaomi Mi A2 USB Port is working improperly, and you want to switch it out, follow this guide!

Written By: Erica Ko
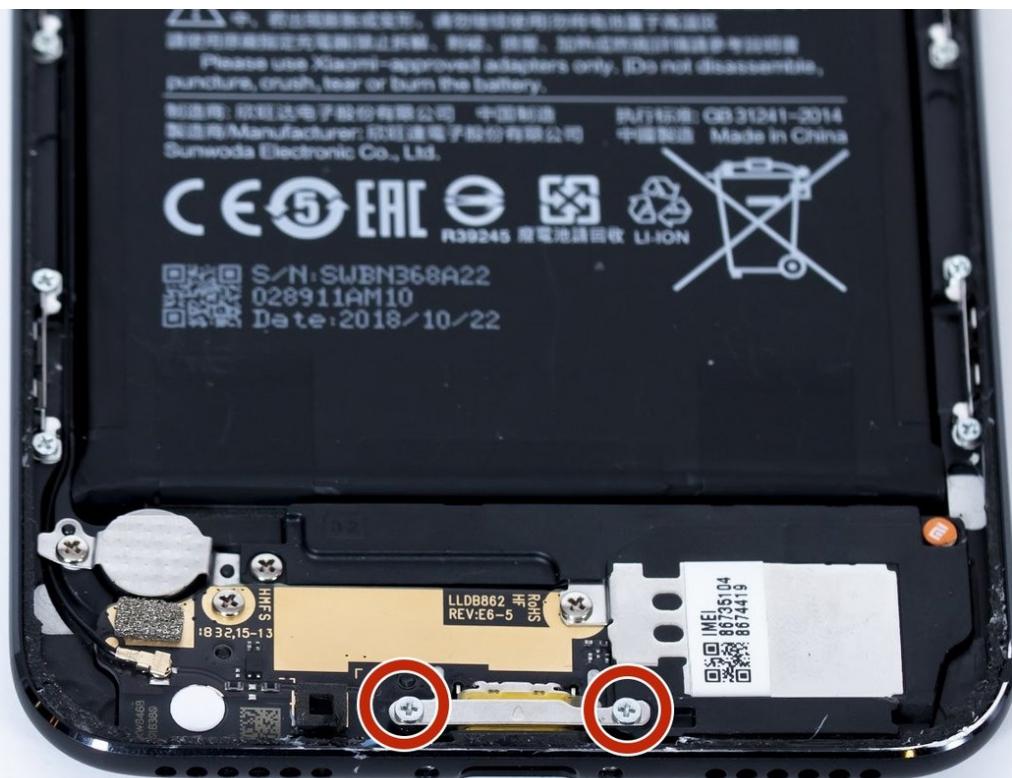
INTRODUCTION

Overtime, dust and other dirt particles can accumulate in the USB port. When the USB port is dirty, your phone may not be able to charge. If you've cleaned the USB port and your phone still does not charge, you may need to replace the USB port.

Since you need to open up the screen in order to access the USB port, please follow our screen replacement guide before taking further steps.

🔧 TOOLS:

- P2 Pentalobe Screwdriver iPhone (1)
- Suction Handle (1)
- Spudger (1)
- 1 x Opening Picks (1)
- iFixit Opening Tools (1)
- Phillips #0 Screwdriver (1)

This document was generated on 2020-01-03 08:00:46 AM (MST).

Step 1 — Screen
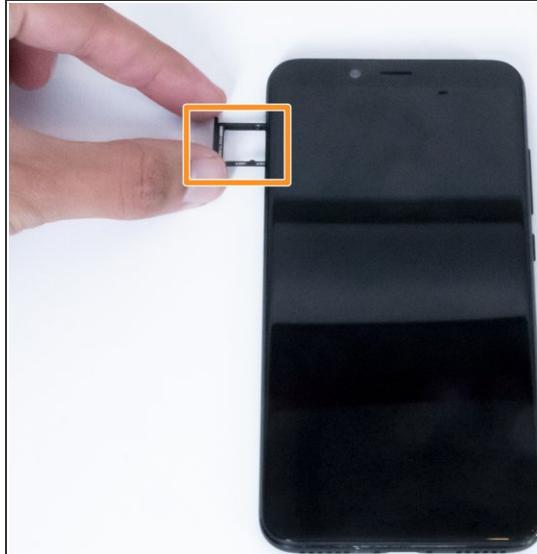
- Turn off your phone before proceeding.

- Remove SIM card tray from phone.

- ⊠ Touch something metallic to ensure you are electrostatic safe.

Step 2

- Remove the two 2.7mm Pentalobe #2 screws from the bottom of the phone.

This document was generated on 2020-01-03 08:00:46 AM (MST).

Step 3

- Grab a suction cup tool and place it near the bottom of the phone.

- Pull up on the suction cup to slightly lift the LCD Panel from the body of the phone.

- Starting from the bottom, slide in a plastic opening tool between the gap of the LCD and the phone.

- Using a combination of the plastic opening tool and picks, slide around the gaps to unhook the clips, unhinging the panel from the body of the phone.

- Flip the phone screen towards the bottom of the device and lay the screen facing down.

- ⓘ Note: The ribbon cable is in the middle of the panel, thus there is no need to be cautious about snagging a ribbon cable

Step 4
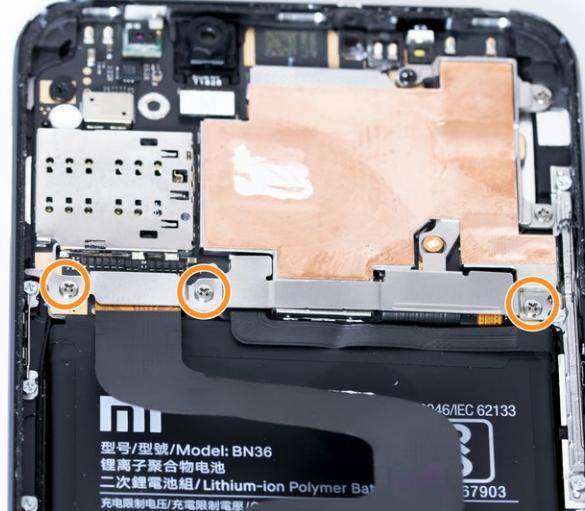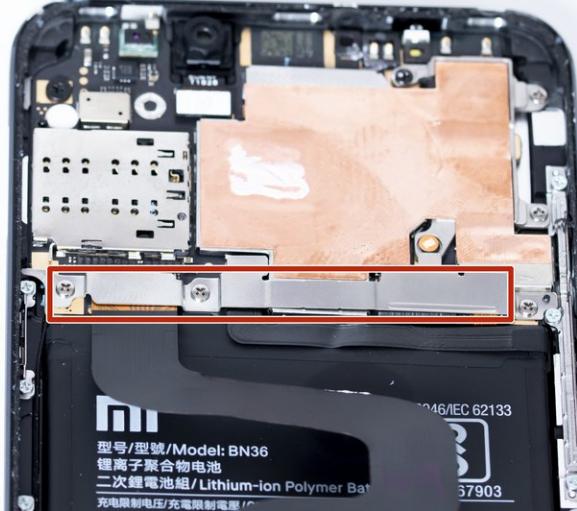
⚠️ When removing the ribbon cable and installing the new one take special care to not bend or fold the cable too much as this can cause damage to the cable itself.

- To access the ribbon cable connectors we must remove the metal bracket.

- Remove the three 2.4mm Philips #0 screws that hold the panel down.

Step 5

- Using a plastic spudger remove the battery connector ribbon cable by getting underneath the connector and gently lifting it off.

- Using a plastic sudger remove the screen connector ribbon cable by lifting from the underneath.

- After you remove the ribbon cable the panel should be free to remove and replace.

Step 6 — USB Port

- Remove the two 3.8mm Phillips #0 screws holding down the lower metal bracket.

This document was generated on 2020-01-03 08:00:46 AM (MST).

Step 7
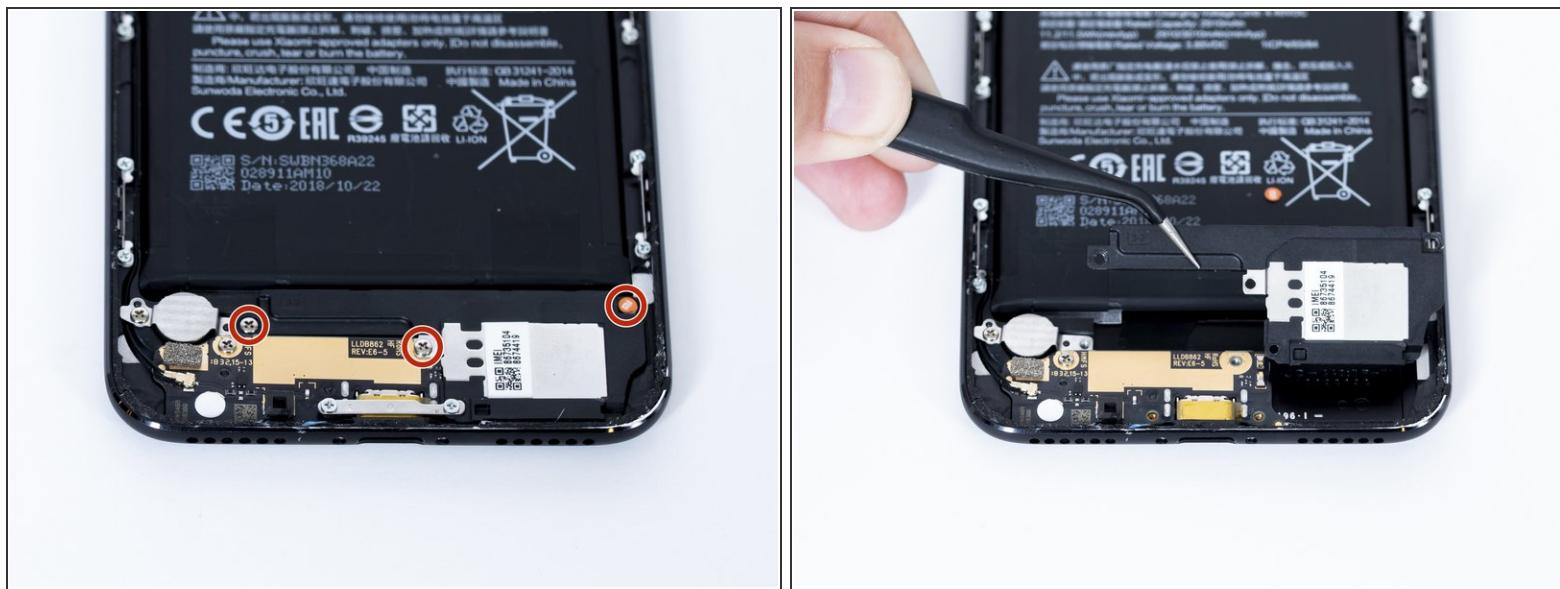
- Remove the loud speaker. There are three 2.4mm Phillips #0 screws you need to remove, and one (upper right) is underneath the Xiaomi water sticker.

Step 8
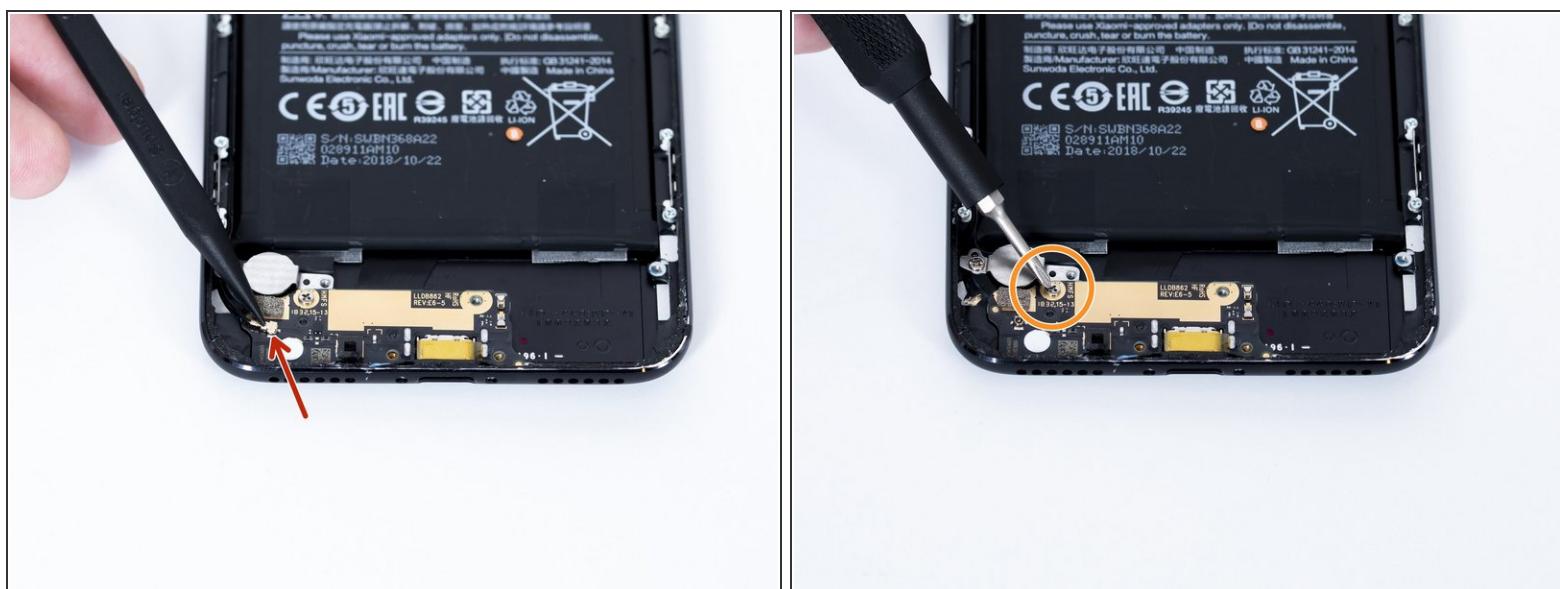
- Unplug the antenna wire with a spudger tool.

- Remove another 2.4mm Phillips #0 screw near vibration motor.

This document was generated on 2020-01-03 08:00:46 AM (MST).

Step 9
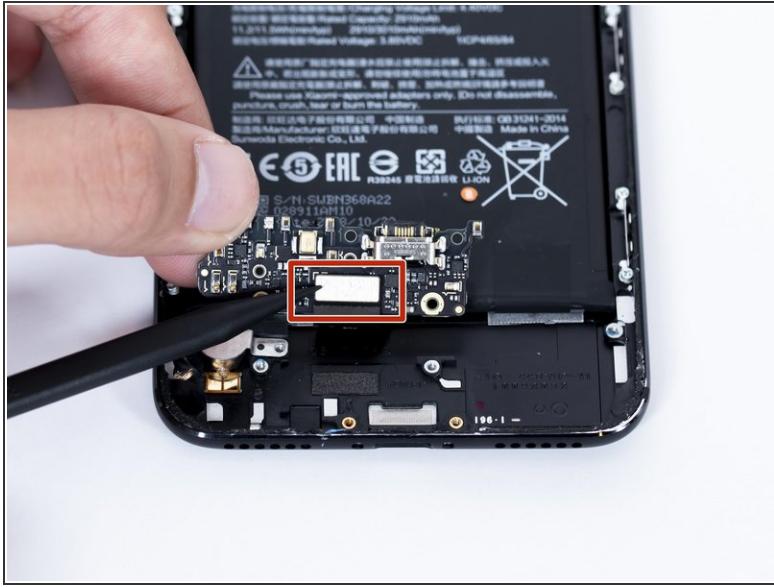
ⓘ The ribbon cable connector is located underneath the sub-board. To access the connector flip the board over towards the battery.

● Use a spudger tool to remove the cable from the connector.

ⓘ The USB Connector board can now be removed from the device and replaced.

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

This document was generated on 2020-01-03 08:00:46 AM (MST).