



# Sony XAV-AX100 Motherboard Replacement

A guide on how to replace the motherboard on a Sony XAV-AX100 radio.

Written By: Abdulaziz Redha



---

## INTRODUCTION

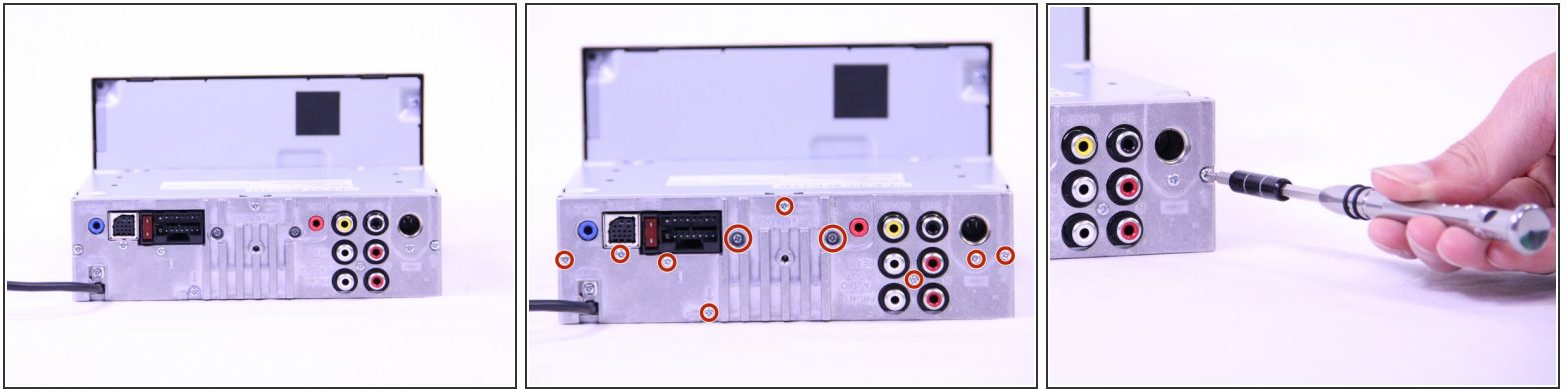
This repair guide will demonstrate how to properly replace your Main Motherboard on your device. By doing so, you can crucially extend the lifespan of your device. In addition, you will also experience much faster response time from your device.



### TOOLS:

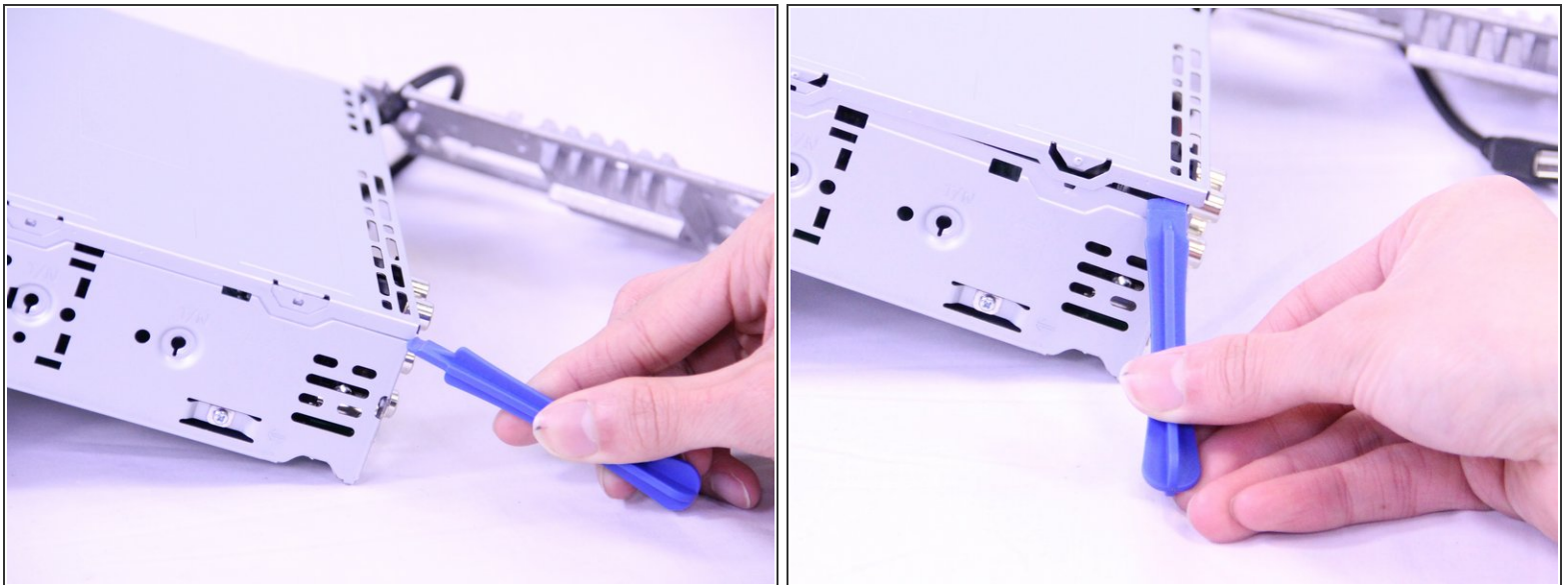
- [Spudger](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
-

## Step 1 — USB Cable



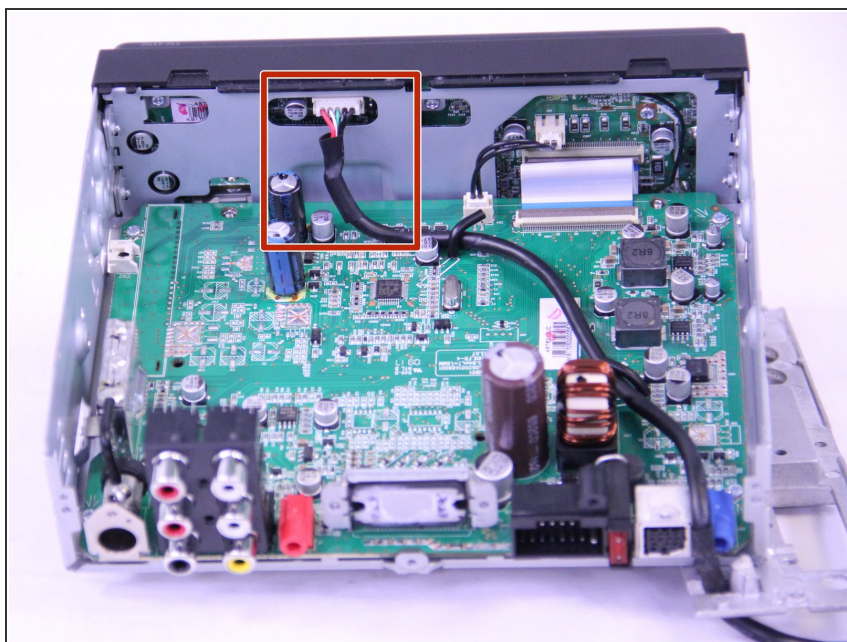
- Place the device on a flat surface, upside down, so the bottom of the screen would be facing upwards.
- Remove the ten 3.5mm Phillips #0 screws from the back plate.

## Step 2



- Use a plastic opening tool to remove the back plate.
- ⓘ Don't remove completely as there will still be cables connected.

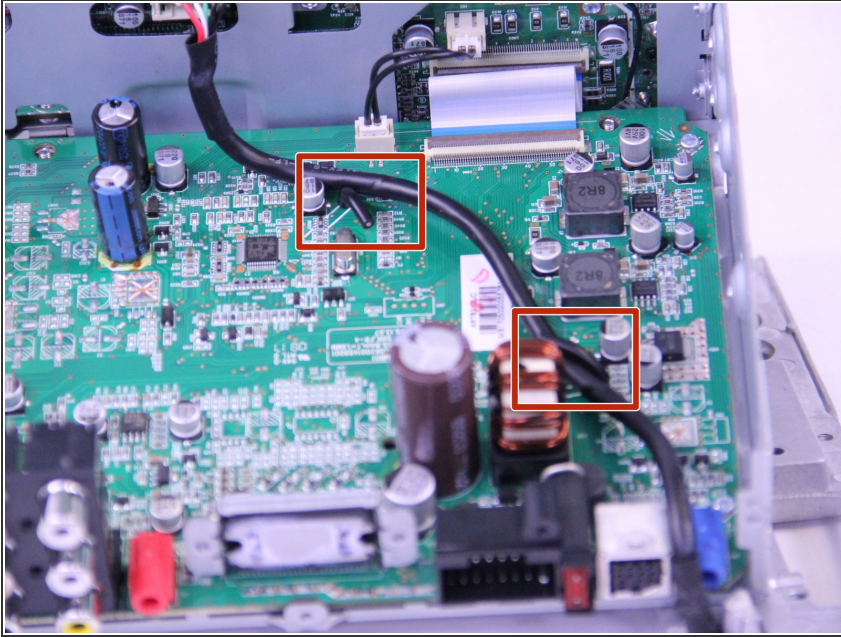
## Step 3



- Disconnect the USB cable from the display board.



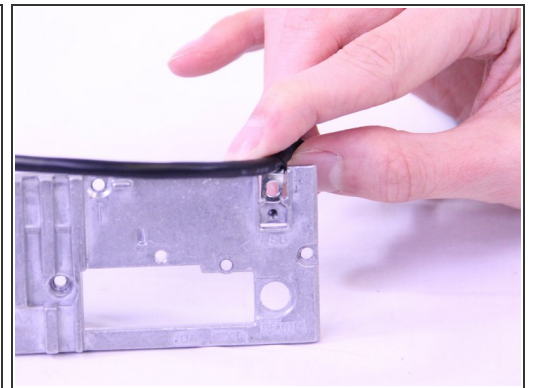
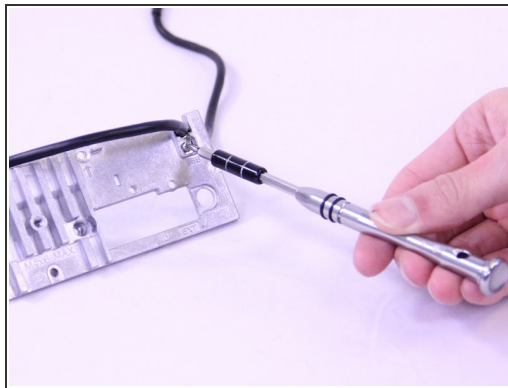
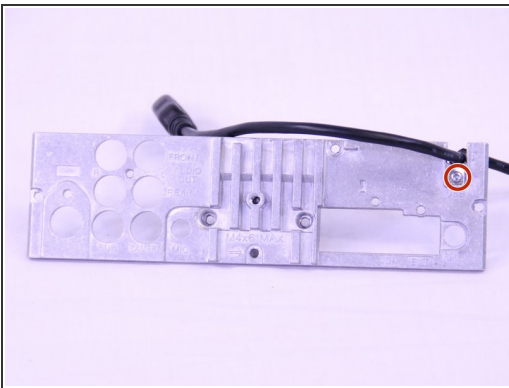
## Step 4



- Adjust the rubber holders that are keeping the USB cable still on the motherboard, so you can remove the cable entirely from the inner compartment.

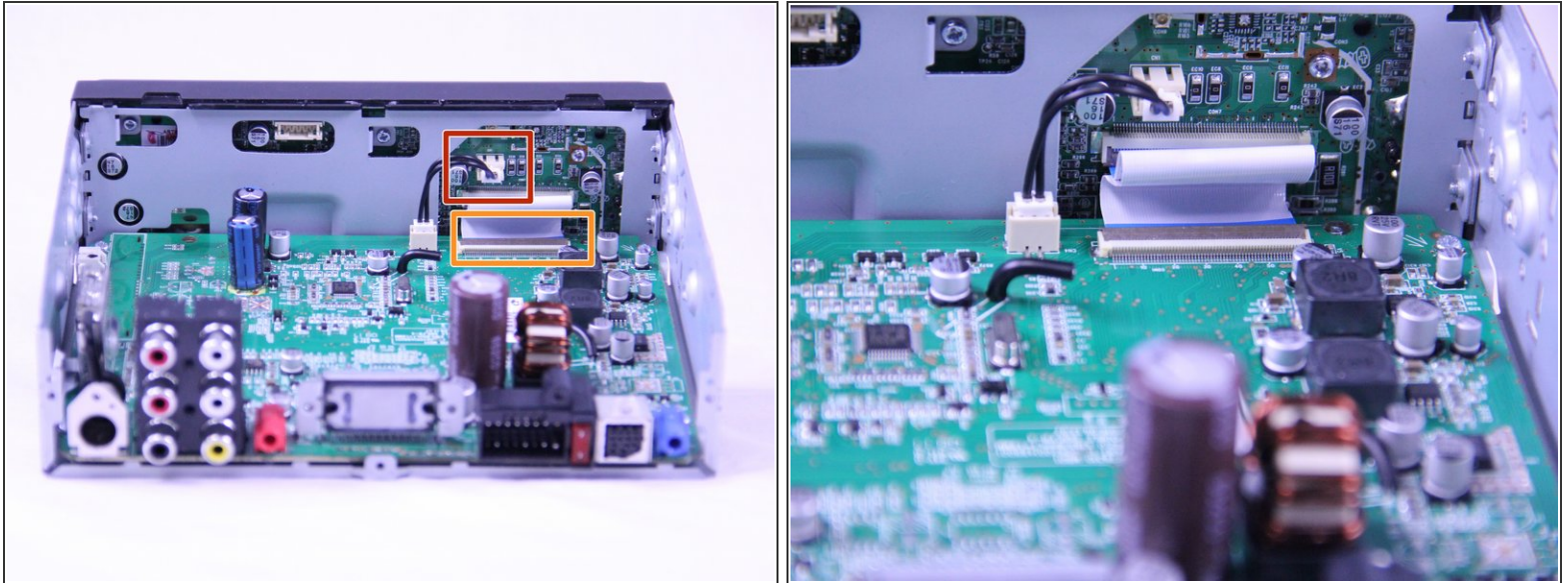
⚠ The rubber holders are extremely sensitive to any applied force. Therefore, be careful while turning them around.

## Step 5



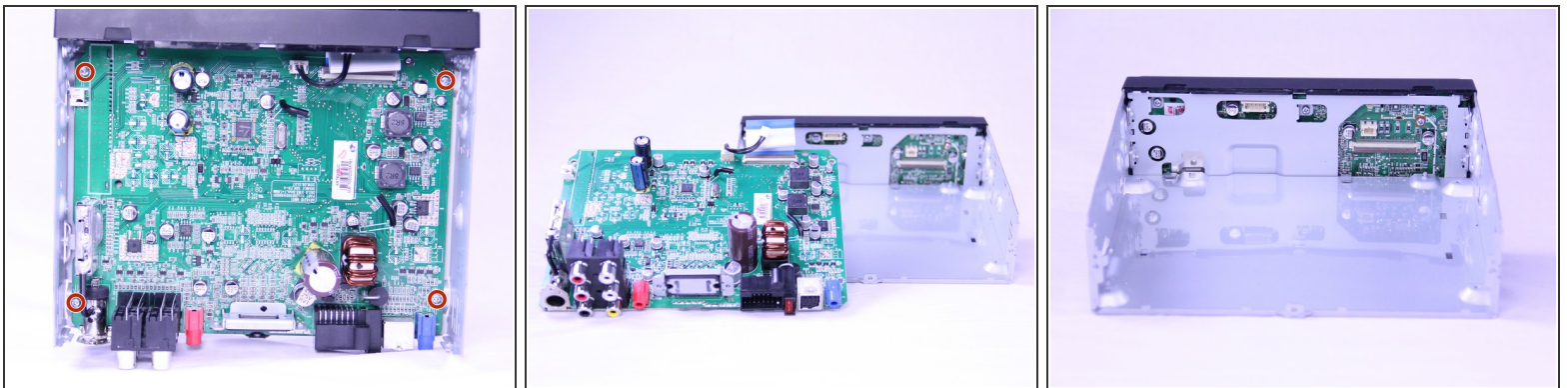
- Remove the 3.5mm Phillip #0 screw that secures the USB cable to the back panel.
- Pull the USB cable off of the back plate.

## Step 6 — Motherboard



- Disconnect the display power cable from the motherboard.
- Use a spudger to flip up the retaining flap on the display ribbon cable [ZIF](#) socket.

## Step 7



- Unscrew the four 3.5mm Phillips #0 screws from the motherboard.
- Use a spudger to gently lift the motherboard up and out of the radio.

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