![iFixit logo]

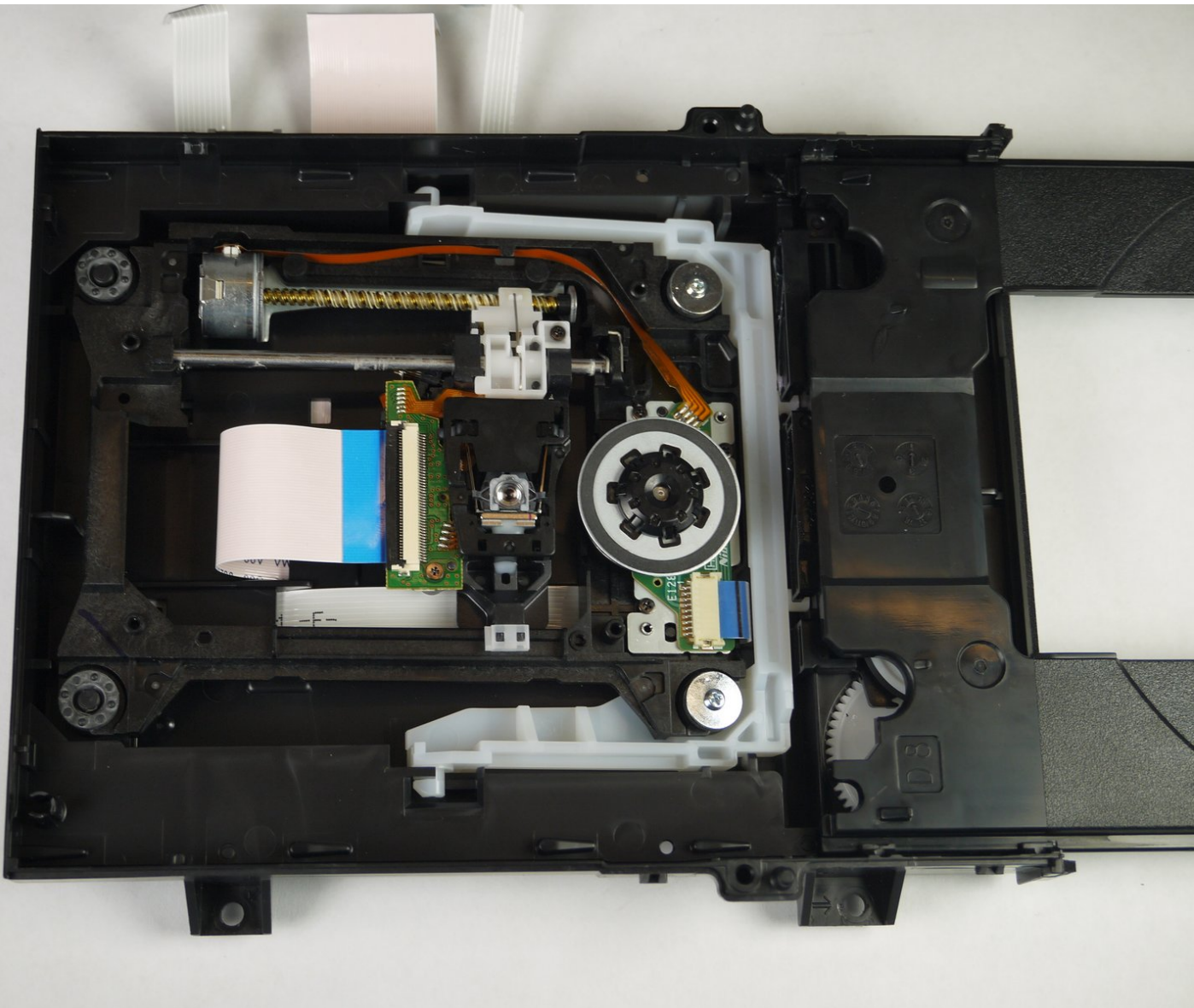# Sony BDP-BX520 Disc Reader Replacement

In this guide you will open up the device and the disc tray to get to the disc reader.

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# INTRODUCTION

These step-by-step instruction will allow you to replace the disc reader. This may be necessary if your player will not open or stops playing discs, however, before replacing refer to the troubleshooting page for other tips.

## 🔧 TOOLS:

- Phillips #2 Screwdriver (1)
- Phillips #1 Screwdriver (1)
- Tweezers (1)

## Step 1 — Disc Tray Cover



- Plug in the Blu-Ray player, then press the power button, making sure the Blu-Ray player is powered on.

- Press the eject button on either the top of the Blu-Ray player or on the remote to open the disc tray.

## Step 2



- Grab the sides of the disc tray cover and carefully pull each side upwards, starting with the left side. This will unhook the cover from the tray.

## Step 3



- Close the disc tray, then power off and unplug the Blu-Ray player.
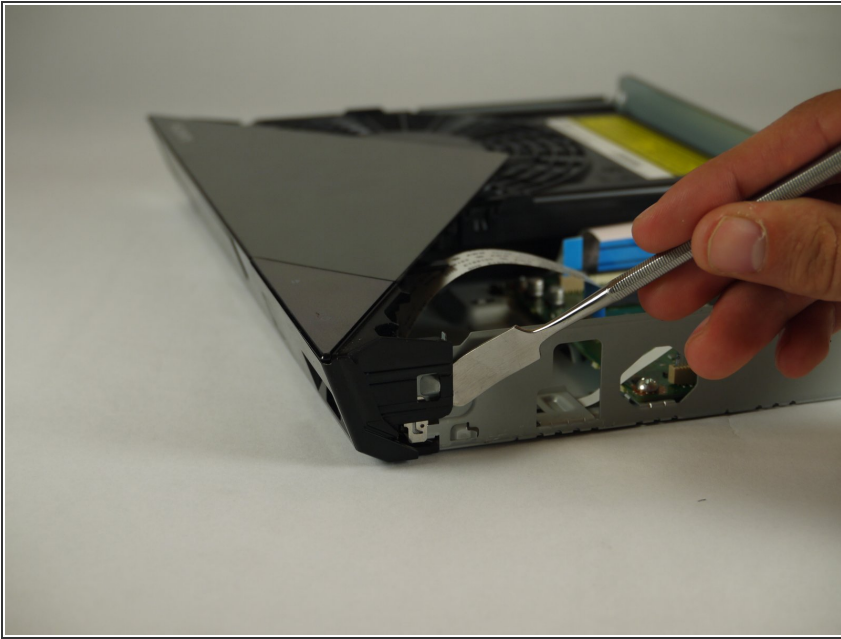
## Step 4 — Top Case



- Locate the three 8 mm screws on the back of the Blu-Ray player.

- Using the Phillips #2 screwdriver, unscrew each of the screws and set them aside.
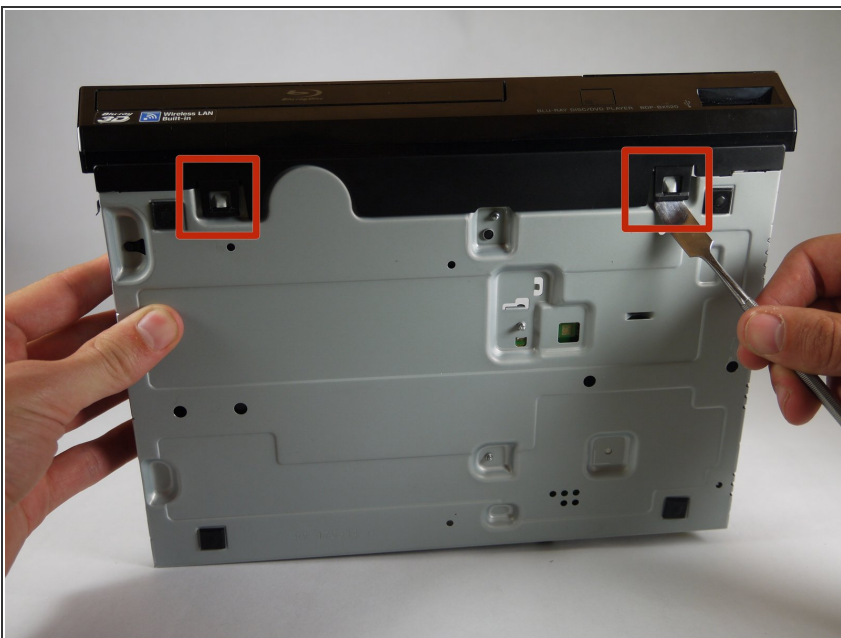
## Step 5



- Gently pull the top case back to remove it from the Blu-Ray player.
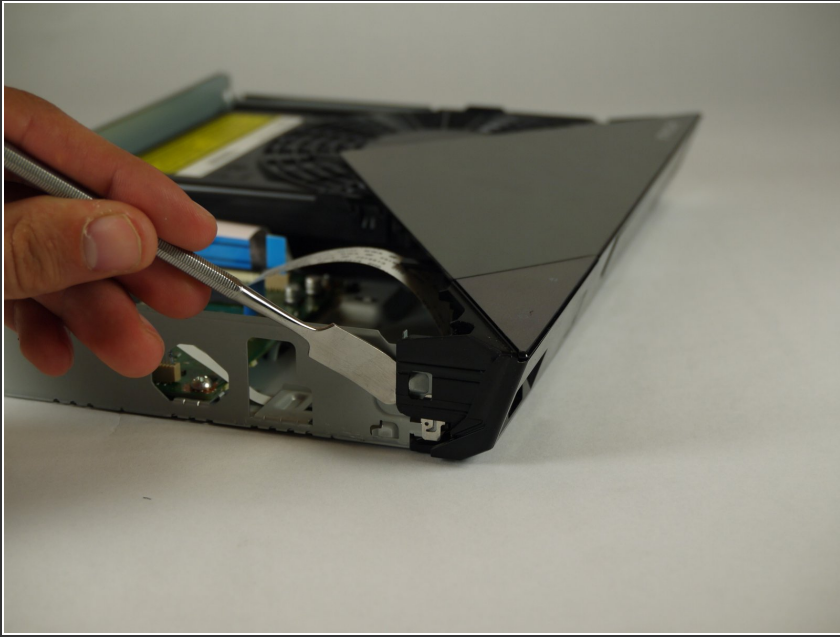
## Step 6 — Front Panel



- Insert the nylon or metal spudger under the clip on the side near the front of the device. Lift the clip so it is free from the device.

- (i) Lifting these clips may require you to hold one clip open while you move on to the next clip.
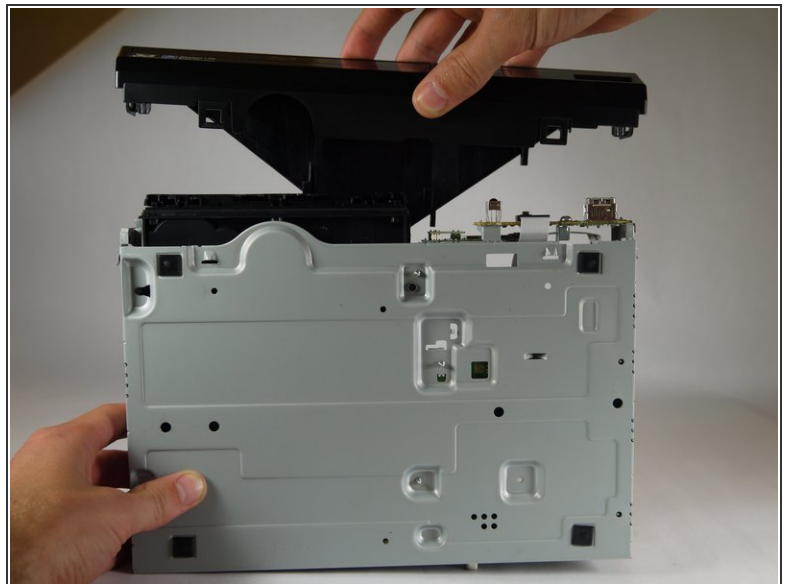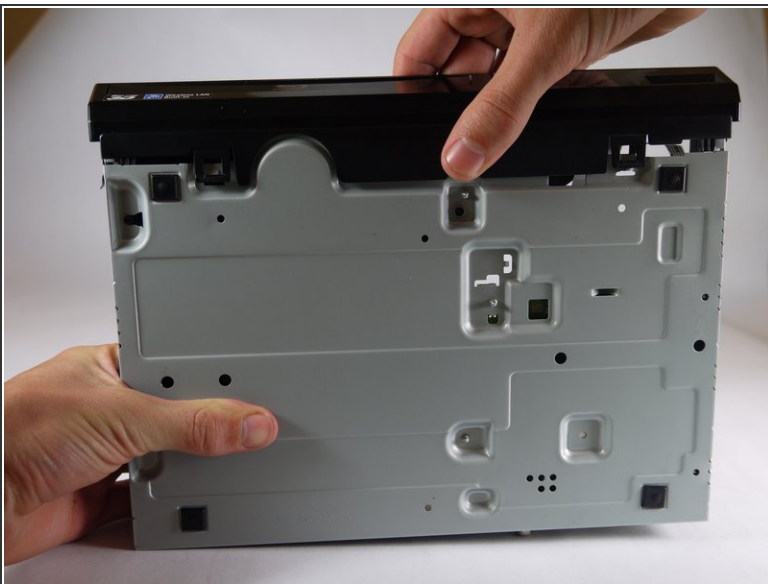
## Step 7



- Flip device over so the bottom faces you.

- Insert the nylon or metal spudger and lift the two clips on the bottom of the device.

## Step 8



- Lift the clip on the opposite side of the device with the nylon or metal spudger.

## Step 9



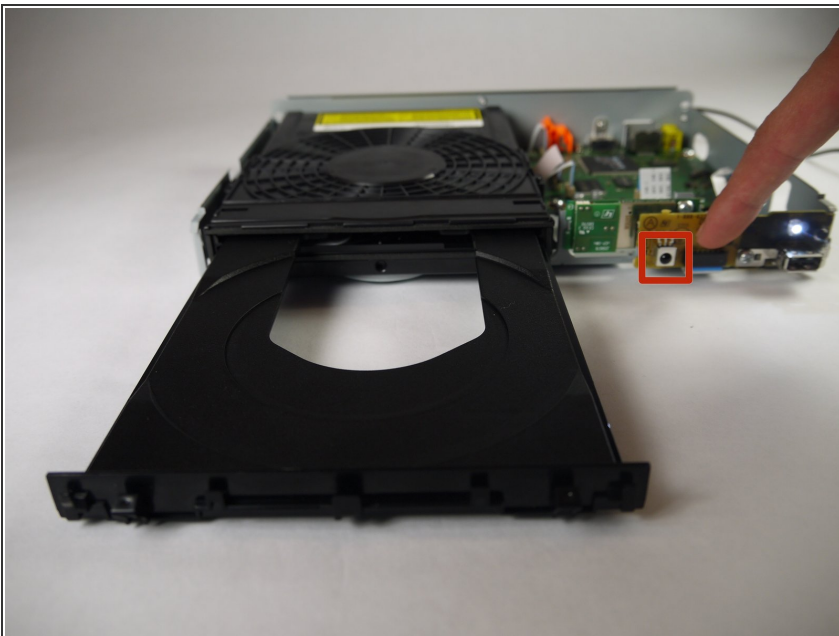- Grasp the front case firmly and lift from the rest of the device.

- ⓘ Lifting may require some force.
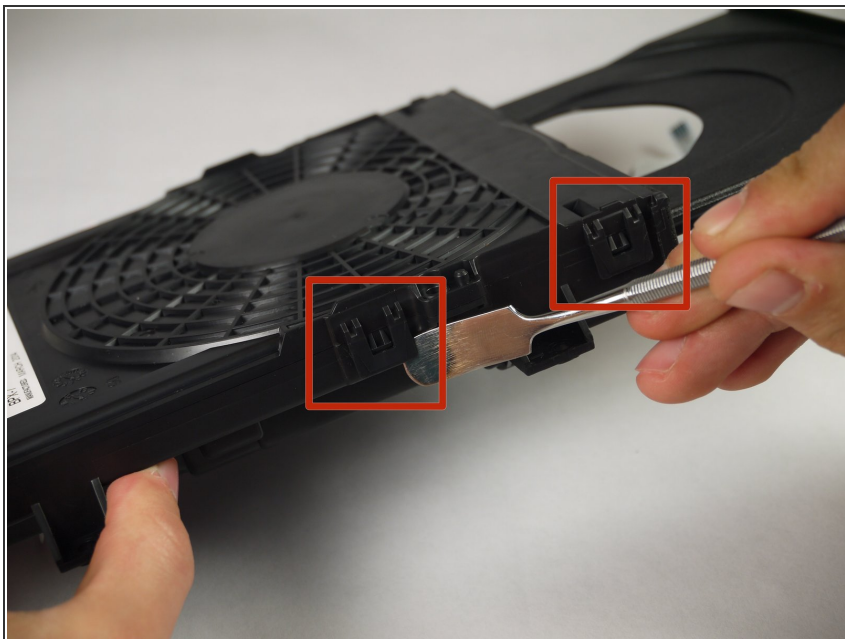
## Step 10 — Disc Reader

⚠️ Do not touch the circuit boards or the internal parts of the device while it is powered on. This could short out the circuits and possibly cause you harm.

● Plug in the device and power it on by pushing the **right** button on the front of the device. The light should turn on.
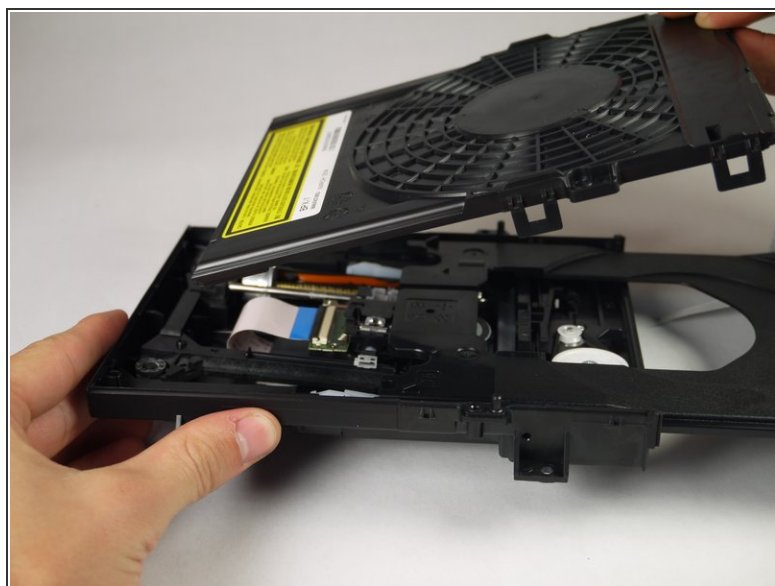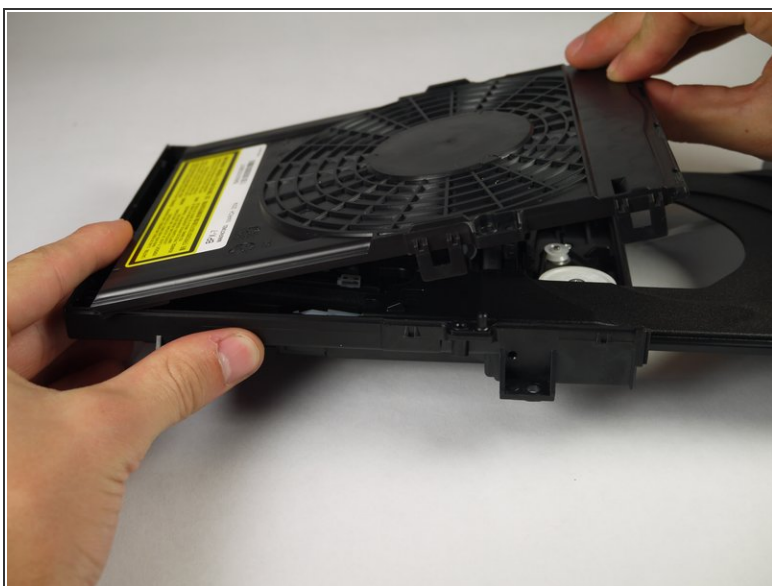
## Step 11

● Eject the disc tray by pushing the **left** button on the front of the device.

📌 Unplug the device once the disc tray is open.

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## Step 12



- Insert the nylon or metal spudger under the clip and lift it up. There are 4 clips that need to be lifted, two on each side
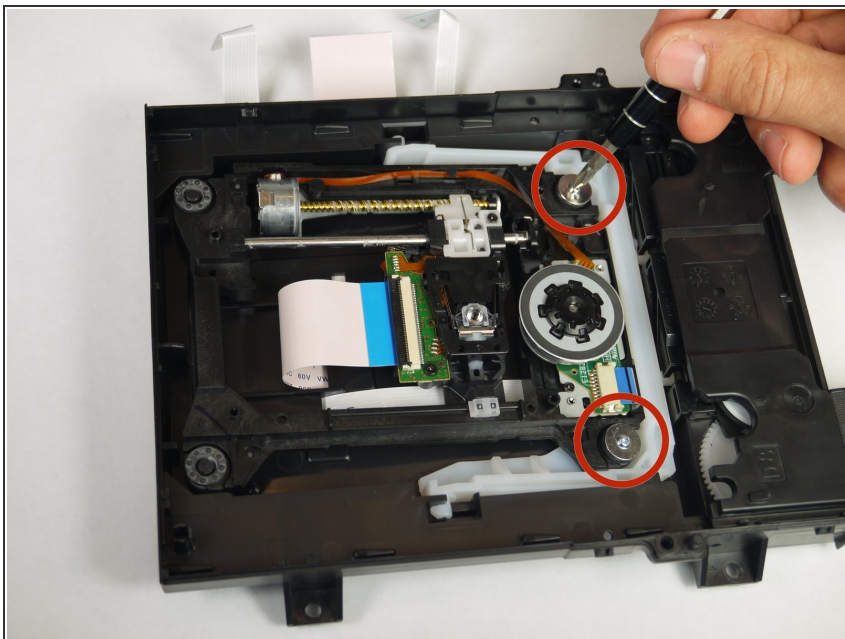
## Step 13



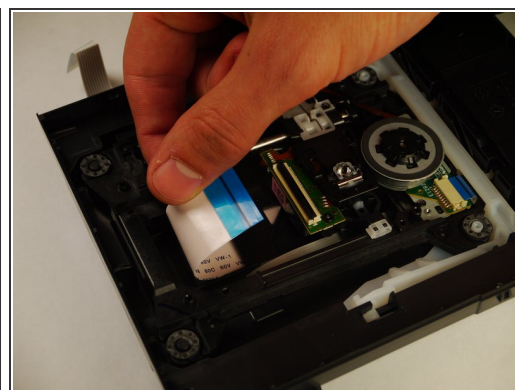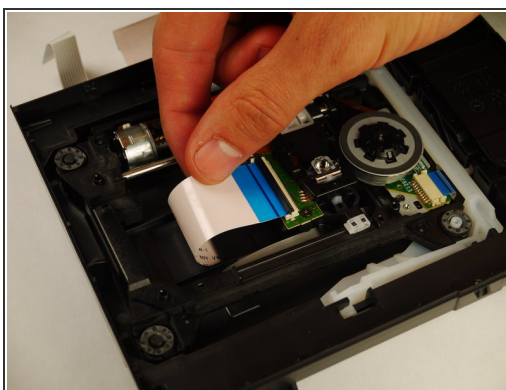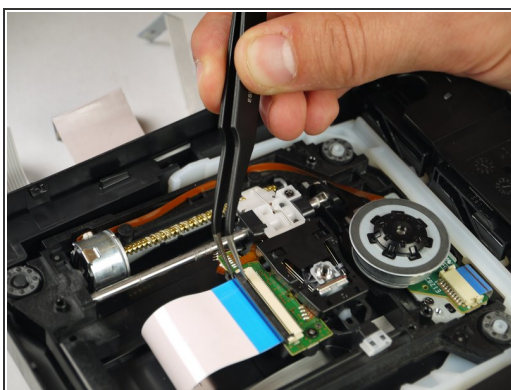- Once the clips are free, lift the top cover of the disc tray up.
- ⓘ This should take minimal force.

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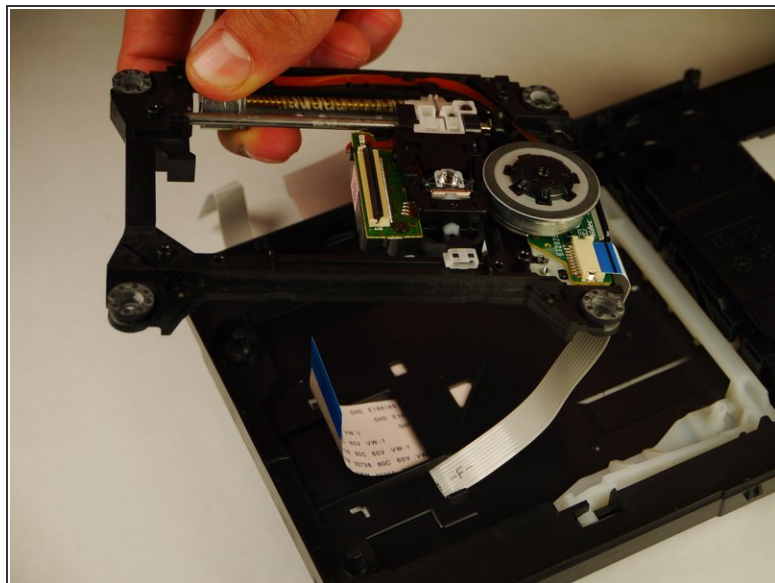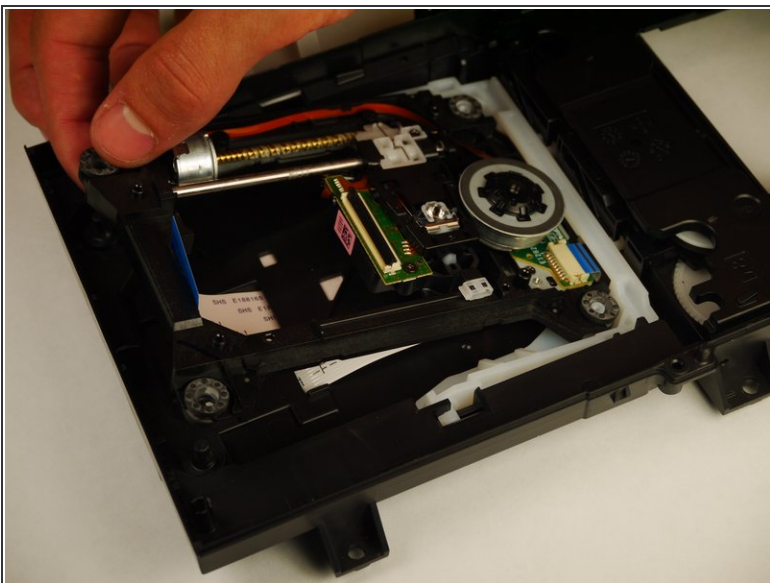
## Step 14



- Unscrew the two silver 8mm Phillips 1 screws from the disc reader.
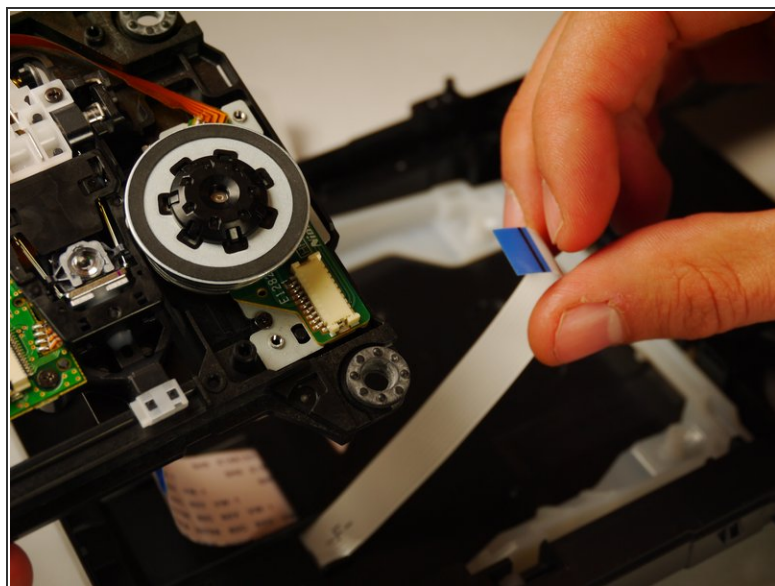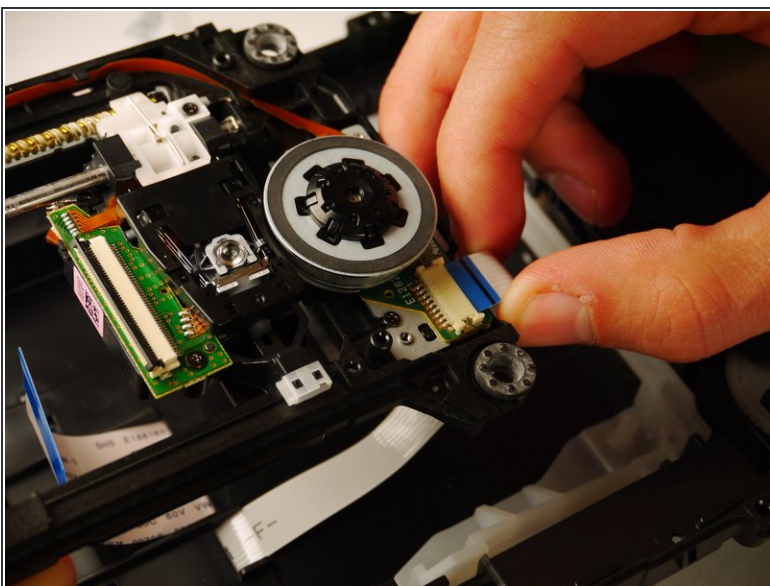
## Step 15



- Use the tweezers to lift both sides of the black clip holding the white 14 pin ribbon in place.

- Once free the white 24 pin ribbon should slip right out.

    

## Step 16



⚠ Carefully lift up the disc reader. It is still attached by a cable underneath!

## Step 17



● Gently pull out the white 13 pin cable from the disc reader.

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

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