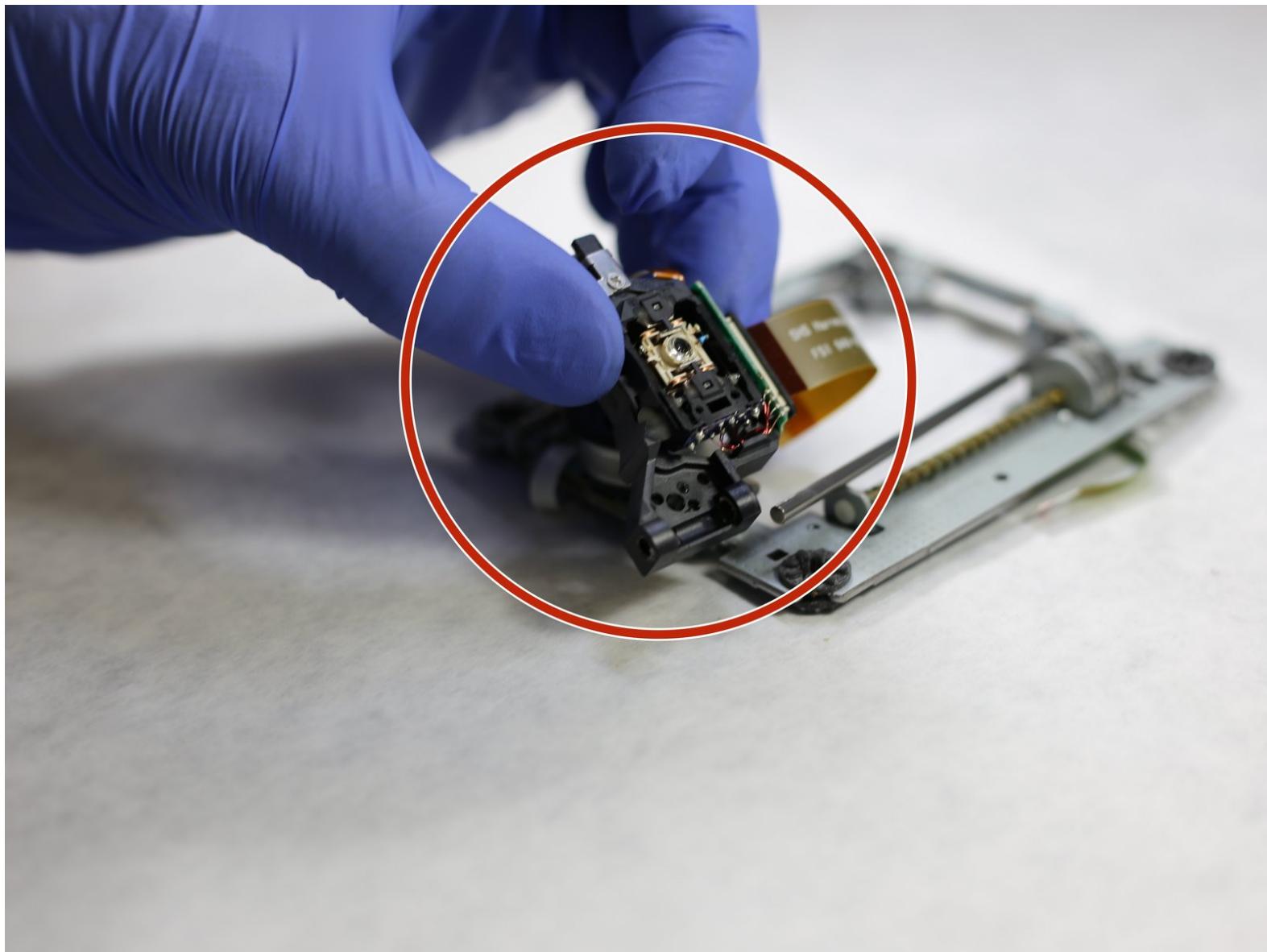




# Xbox 360 S Laser Lens Replacement

Provides a complete repair tutorial for the XBOX 360 S laser lens. Tools for repair and pictures are provided as reference.

Written By: KEB



 **TOOLS:**

- [Tweezers \(1\)](#)
- [T7 Torx Screwdriver \(1\)](#)
- [Phillips #0 Screwdriver \(1\)](#)
- [Spudger \(1\)](#)

 **PARTS:**

- [XBOX 360 S Laser Lens \(1\)](#)

## Step 1 — How to get to your optical drive (follow link in the instructions)



- [Xbox 360 S Optical Drive Replacement](#)
- In order to get to the laser to replace it you first have to remove the disk drive.
- The link at the top is an iFixit guide that helps you to remove and replace the optical disk drive.

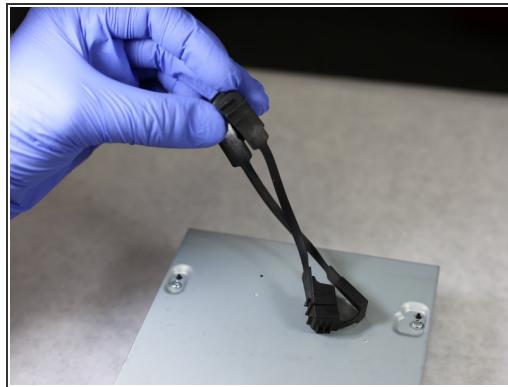
## Step 2 — (OPTIONAL) Desoldering



⚠ For a new laser lens that comes with an anti-static solder joint consult the video guide to remove the solder joint.

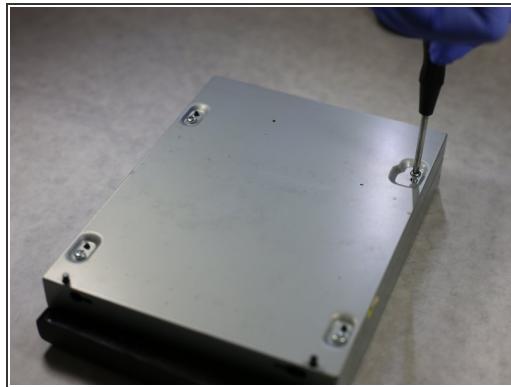
- ⓘ <https://youtu.be/iL8wVC9PLBk>
- ⓘ When you purchase a new lens some come with the solder joint and some do not.
- ⓘ In the case that it does you'll need to desolder it. We provided a video to help you.

## Step 3 — Start of the repair - how to get to the laser



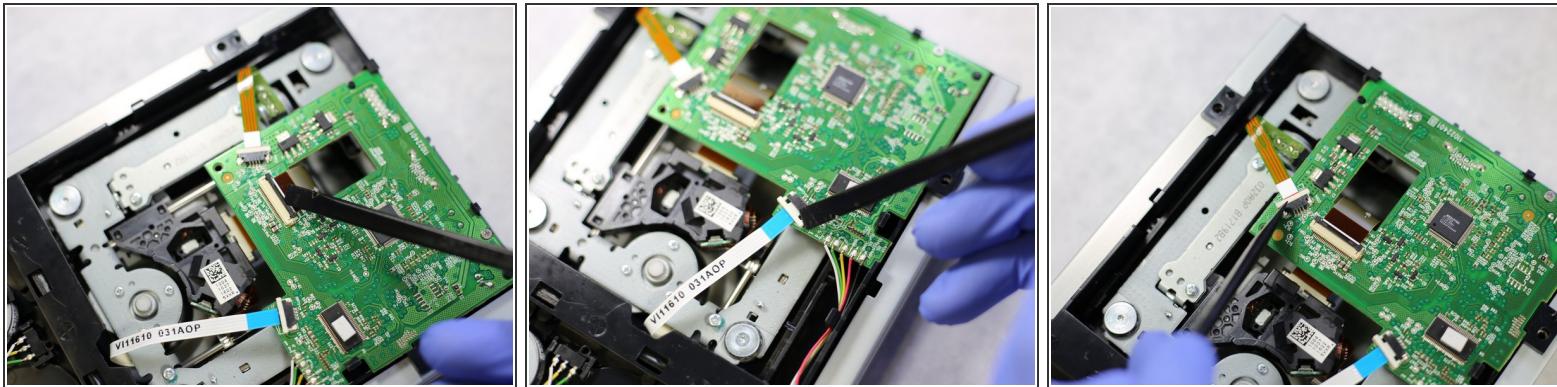
- Now that you have completed steps 1 and 2
- Remove the elastic band on the disk drive.

## Step 4



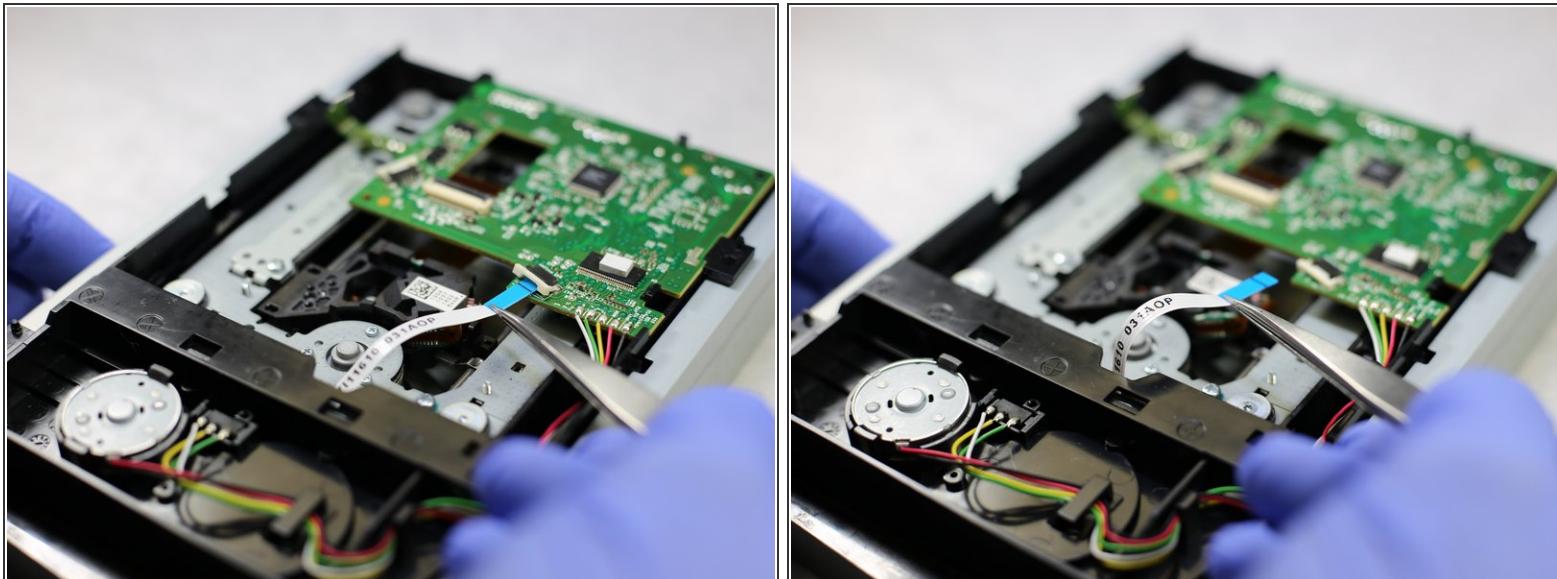
- With the underside exposed, identify the 4 main screws.
- Remove these 4 screws.
- Remove the cover to expose the assembly

## Step 5



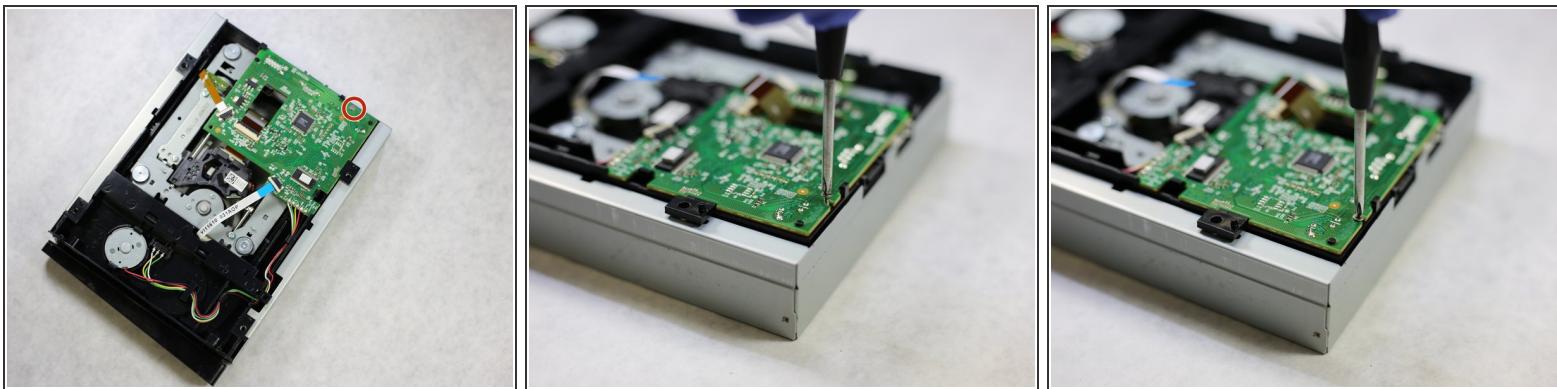
- Locate the three ribbons connected to the board.
- Use the plastic spudger to unclamp the ribbons from the board.

## Step 6



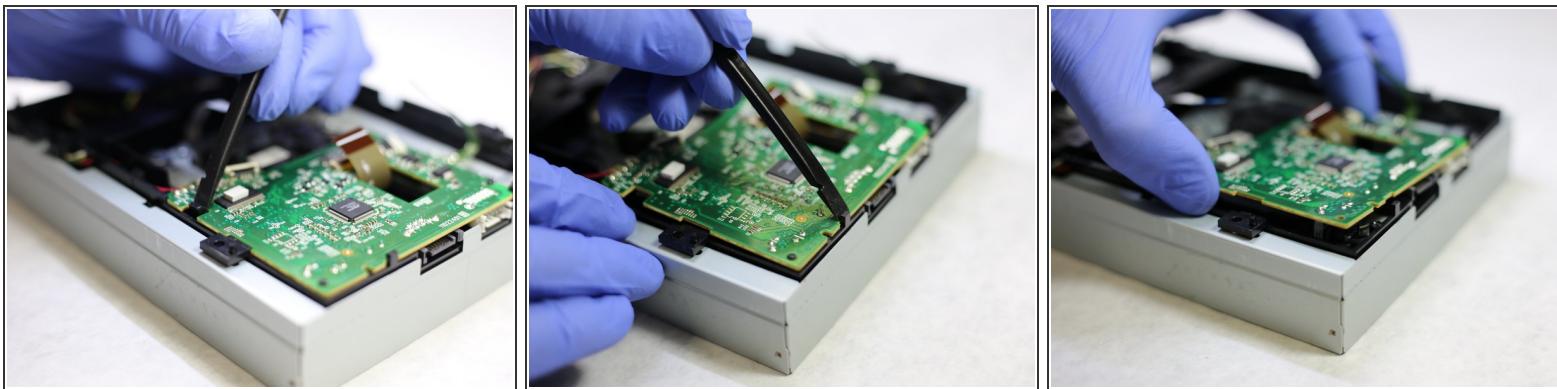
- The ribbons will now be able to slip out. With the tweezers, gently pull the ribbons to completely detach them.

## Step 7



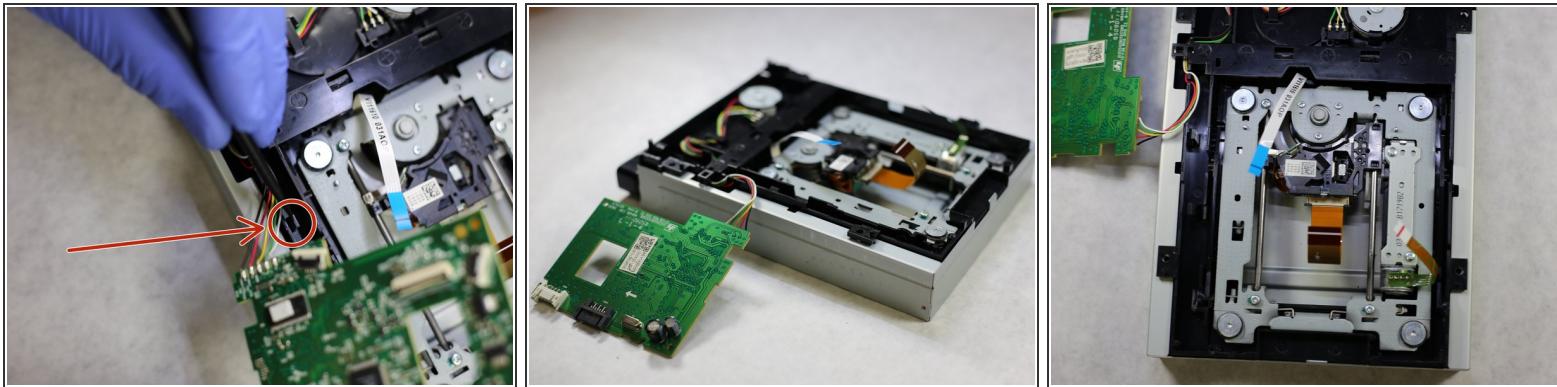
- Locate the screw that holds the motherboard to the disk drive
- Using your screwdriver, remove the motherboard screw.

## Step 8



- Use the spudger's flat side to get under the biggest plastic pin on edge of the board.
- Push the pin backwards and off of the board.
- Using your spudger again, push the second smaller pin backwards and off of the board.
- Then, slide the board away from the pin slightly to be free of the last plastic element (the black corner thing).

## Step 9

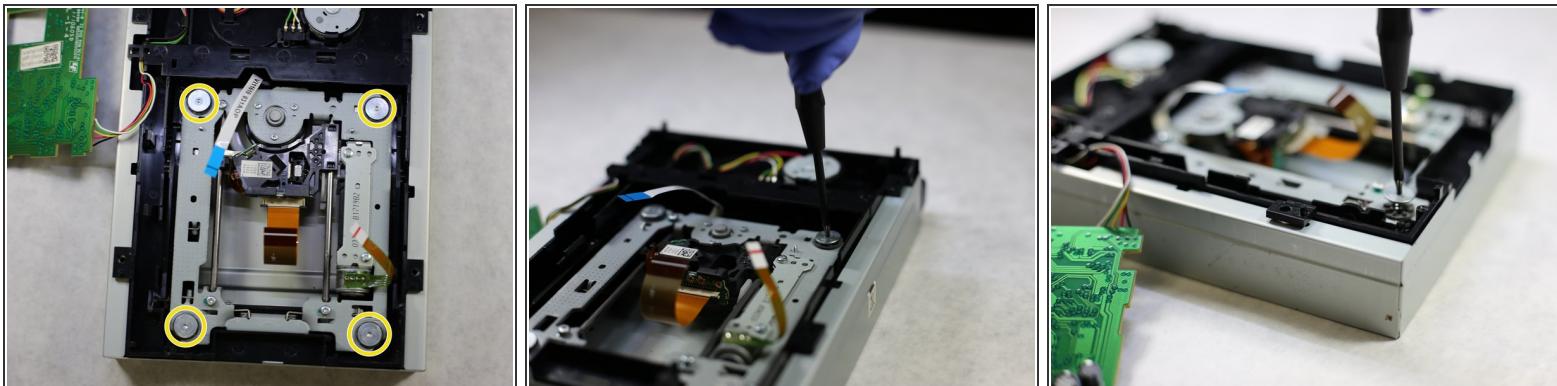


- With the board freed from its trappings, locate the pin securing the wires connected to the board.

**⚠** Be careful to not yank the motherboard or else the wires will rip from their sockets

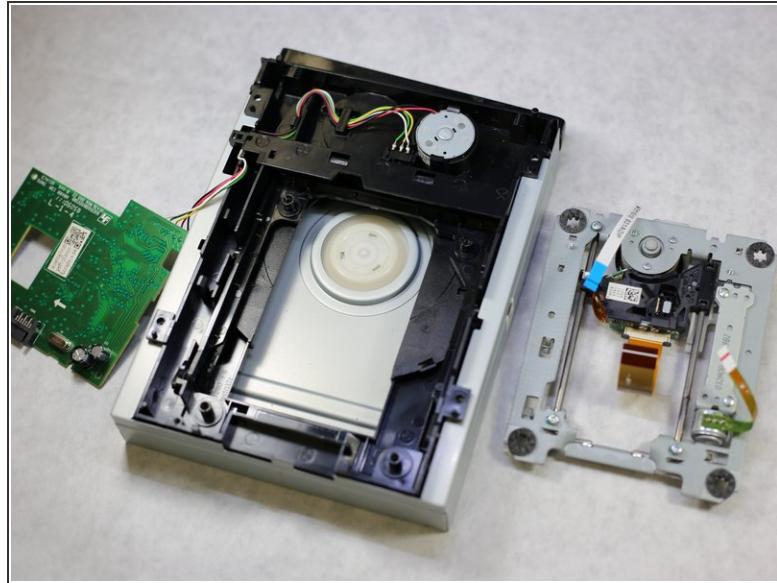
- Use your spudger to press this pin backwards.
- Lift the entire board up to free the wires.
- Lay the motherboard adjacent to the disk drive.

## Step 10



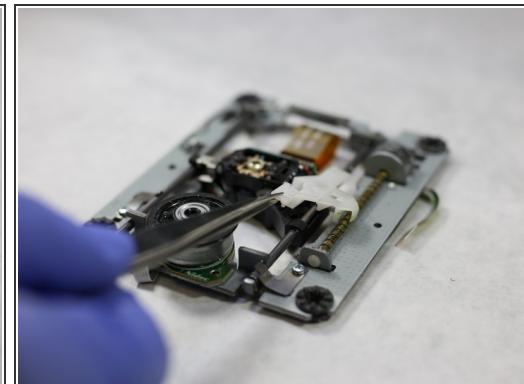
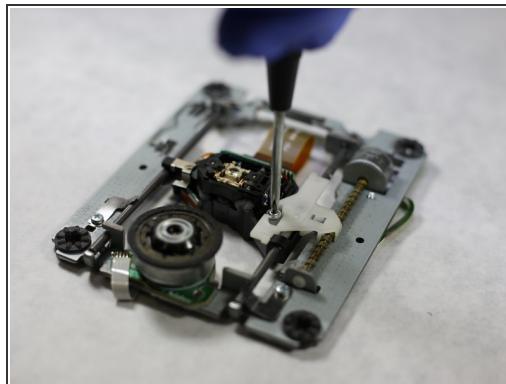
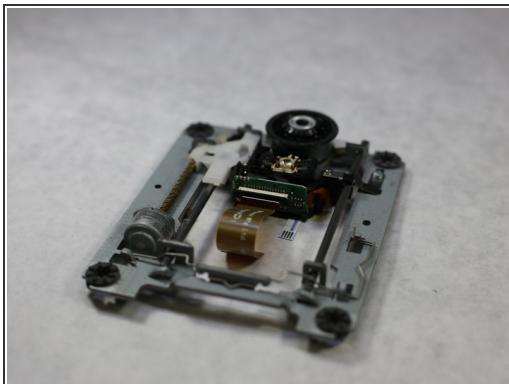
- Locate the 4 circular hex screws that secure the laser rail assembly.
- Using your T7 hex screw driver remove these 4 screws.

## Step 11



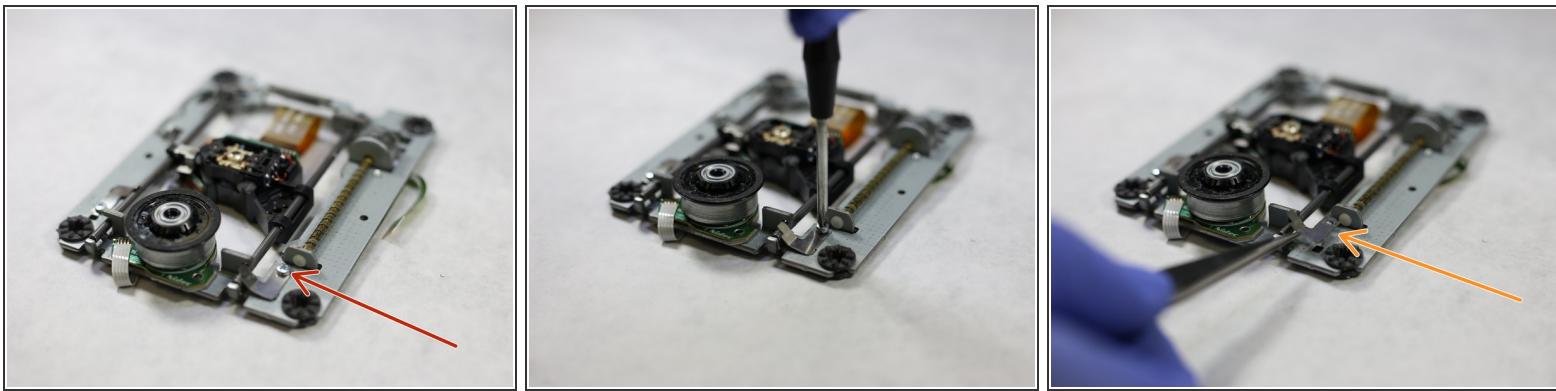
- Lift the rail assembly out of the disk drive. Set the disk drive aside.

## Step 12



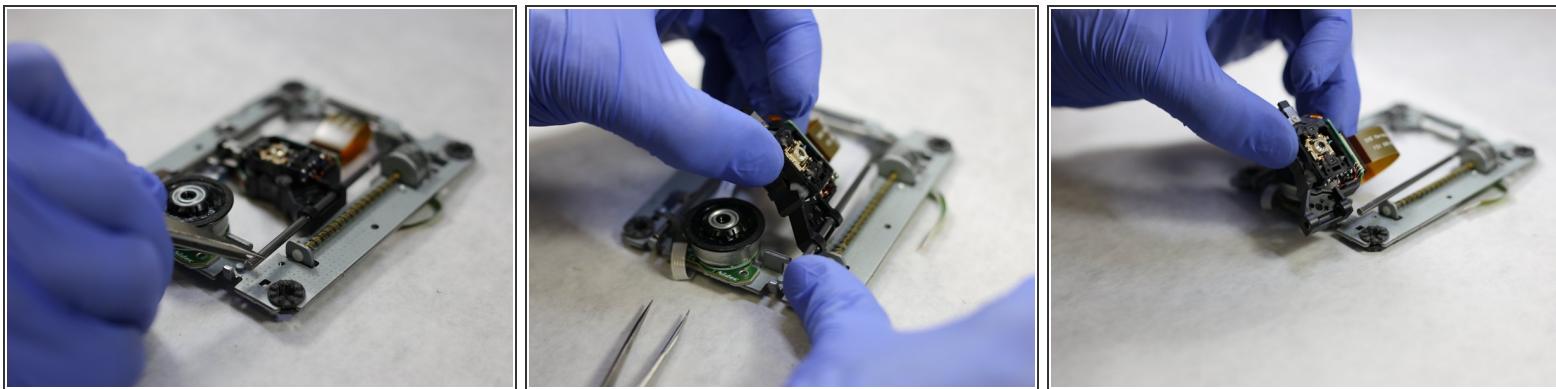
- Flip the laser rail assembly over to expose the screws.
- Remove the screw connecting the laser lens to the plastic fastener.

## Step 13



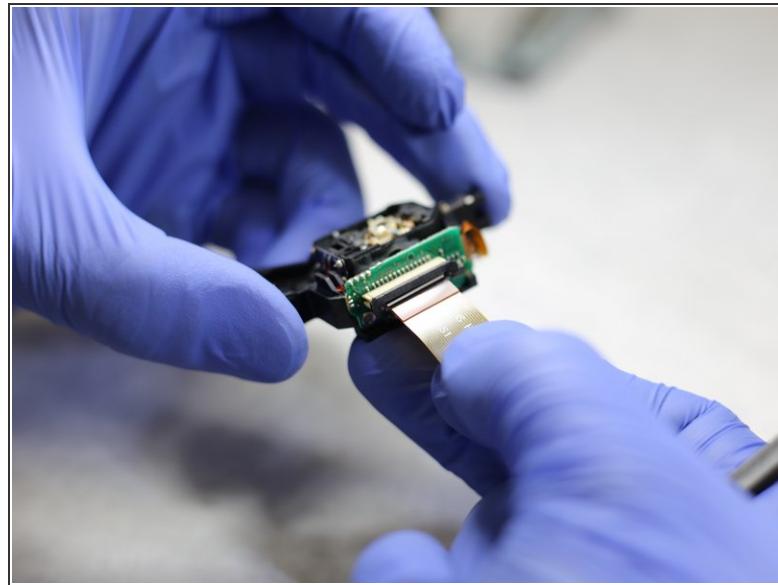
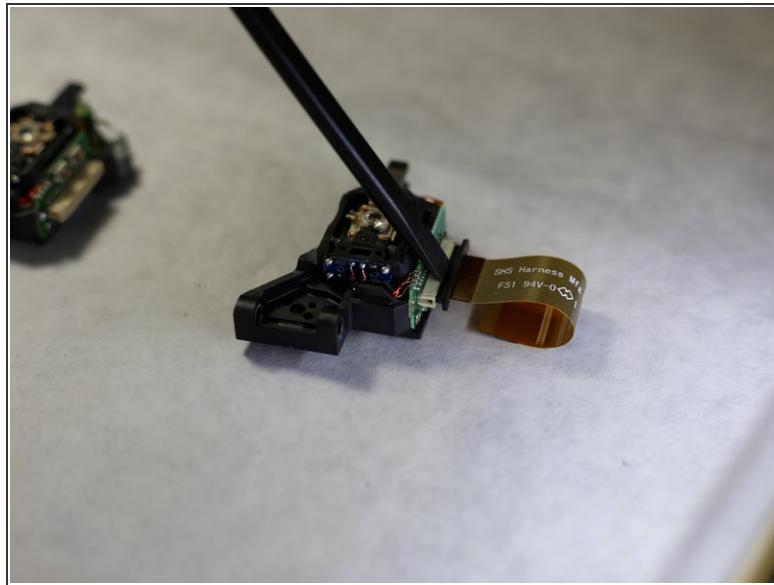
- Remove the screw connecting the metal fastener to the rail.
- Remove the metal fastener that holds the rod to the rail after removing the screw.

## Step 14



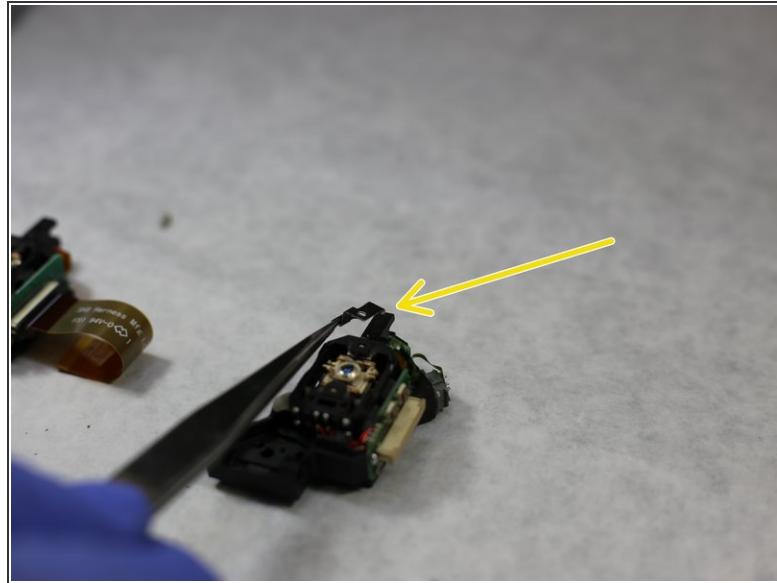
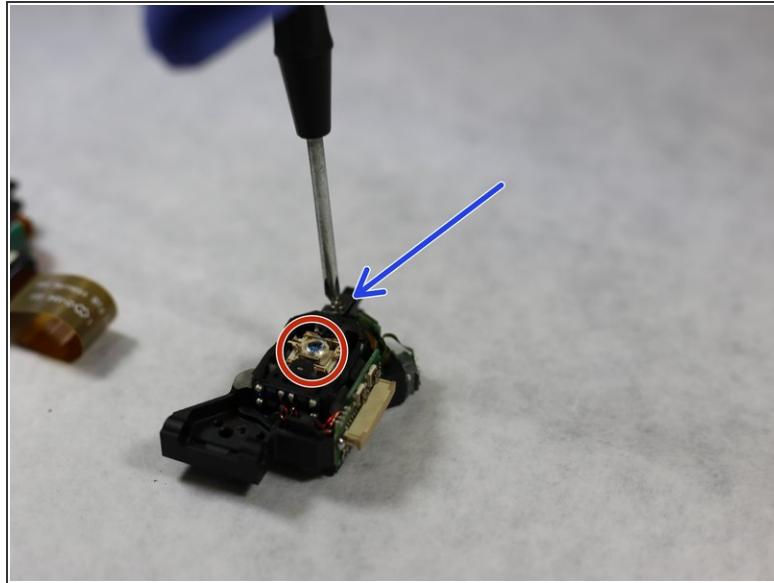
- Push the rail end to the side and out from under the metal latch.
- Slide the lens off the rail. Set aside the rail assembly.

## Step 15



- Using the spudger, release the plastic clamp holding the ribbon to the laser lens.
- Using your fingers gently pull the ribbon out of the plastic clamp.

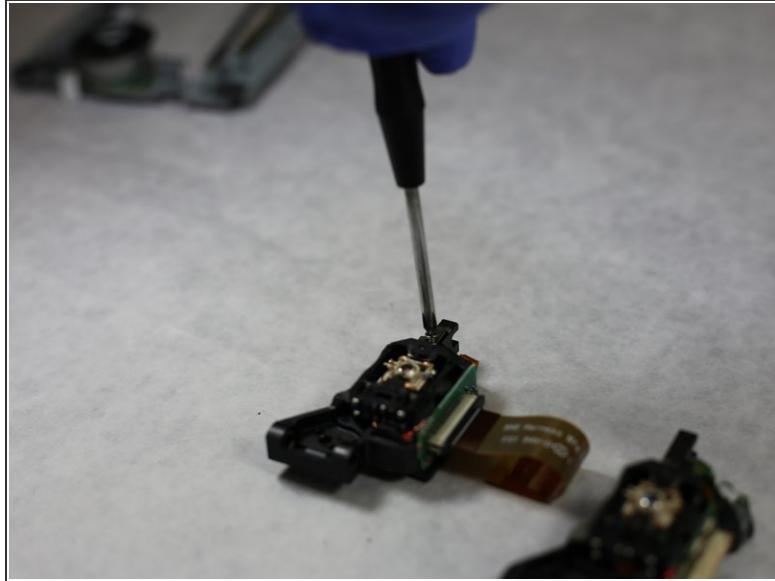
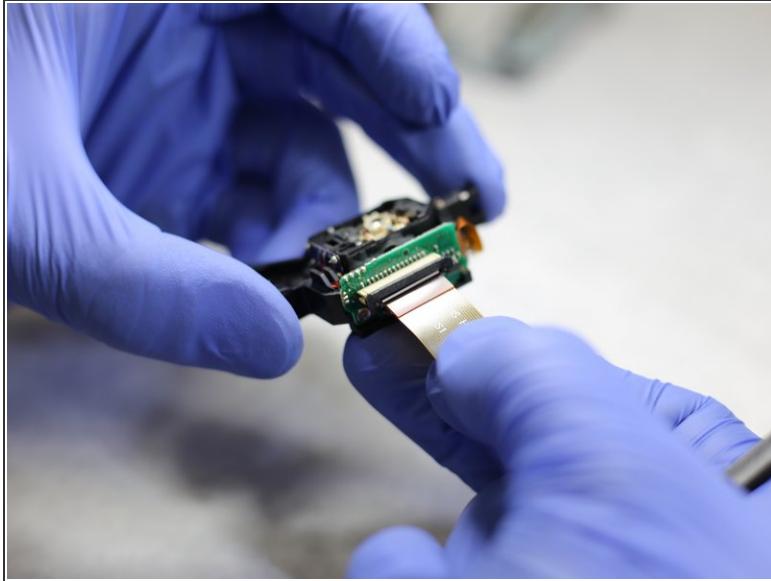
## Step 16



- **This is the lens**

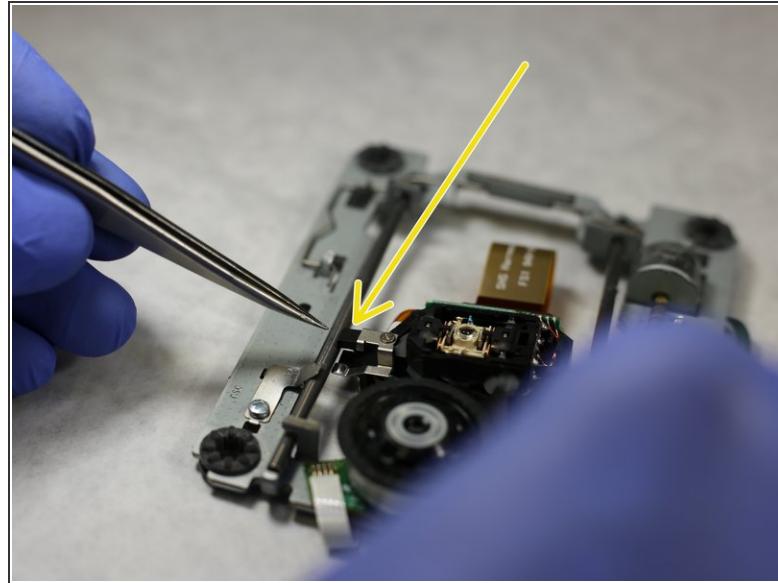
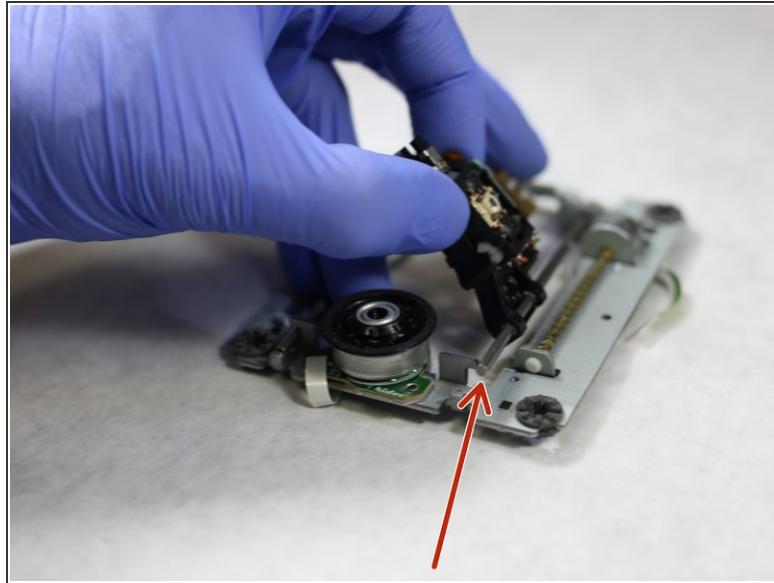
- Remove the screw holding the metal fastener to the old lense.
- Remove the now unsecured metal fastener.

## Step 17



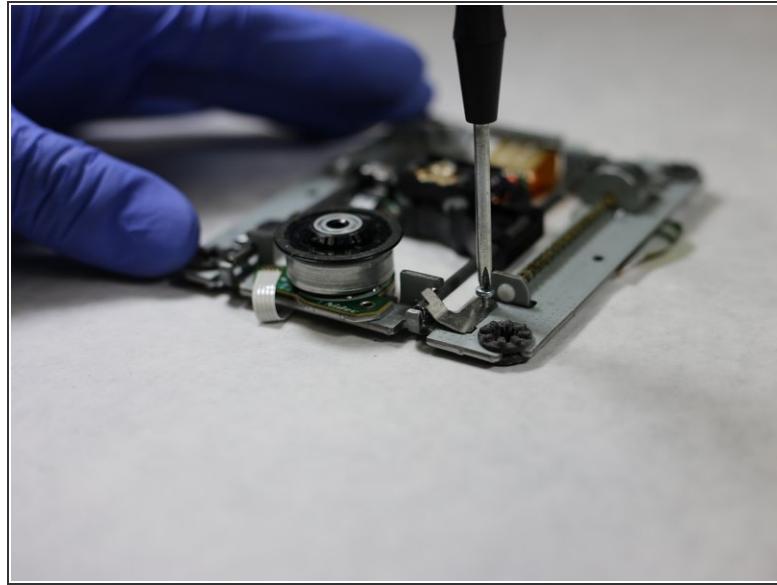
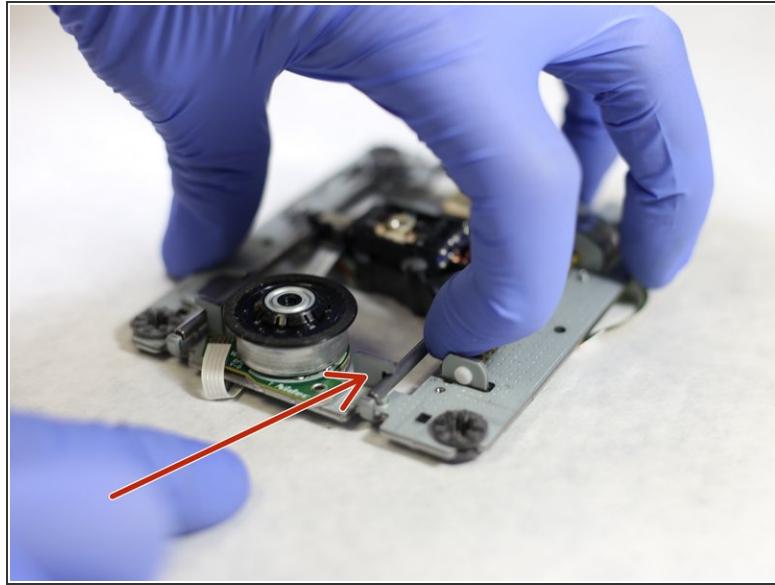
- Connect the ribbon to the replacement lens by sliding it in place then closing the plastic fastener.
- Place the removed metal fastener on the new laser lens and use the removed screw to secure the fastener to the replacement lens.

## Step 18



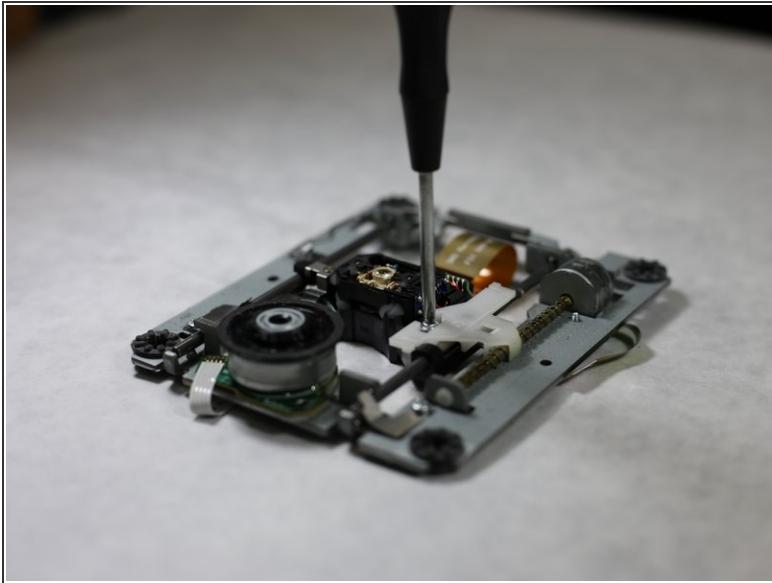
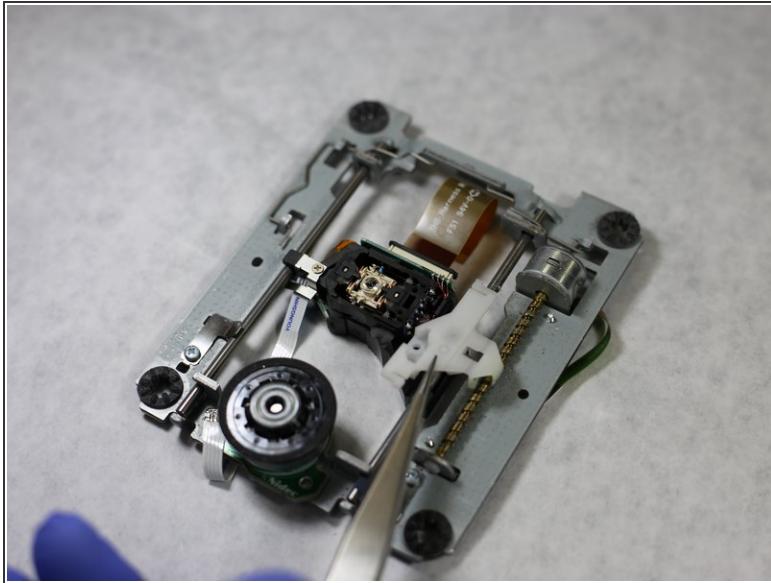
- Slide the replacement lens onto the right rail
- Make sure to clip the other side of the lens onto the left rail

## Step 19



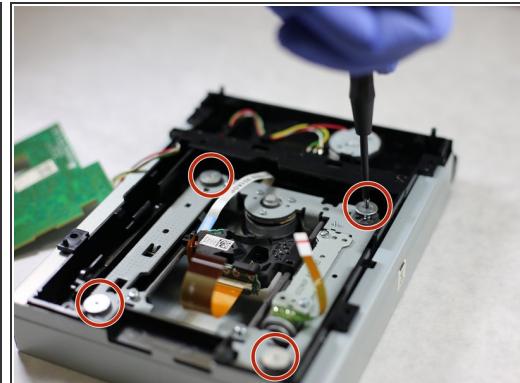
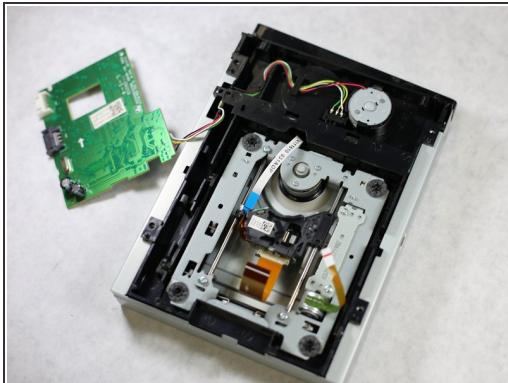
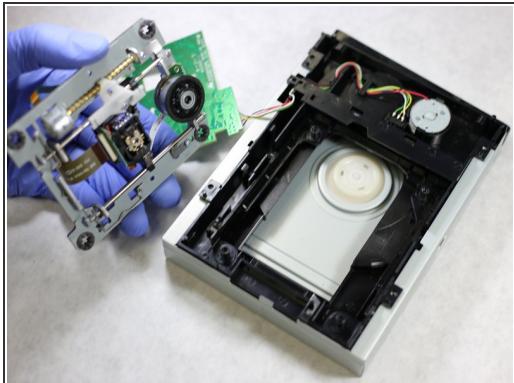
- Slide the unsecured right rail back under the metal latch. (metal latch is pointed to by the arrow)
- Place the metal fastener removed from the rail previously back in position and secure it with the screw that was removed.

## Step 20



- Retrieve the plastic fastener and the accompanying screw.
- Reattach the plastic fastener to the laser lens and use your philips head screw driver to re-secure the screw. The lens should now be attached to the rail.

## Step 21



- Position the rail assembly within the disk drive
- Use the 4 previously removed screws to secure the position.

## Step 22



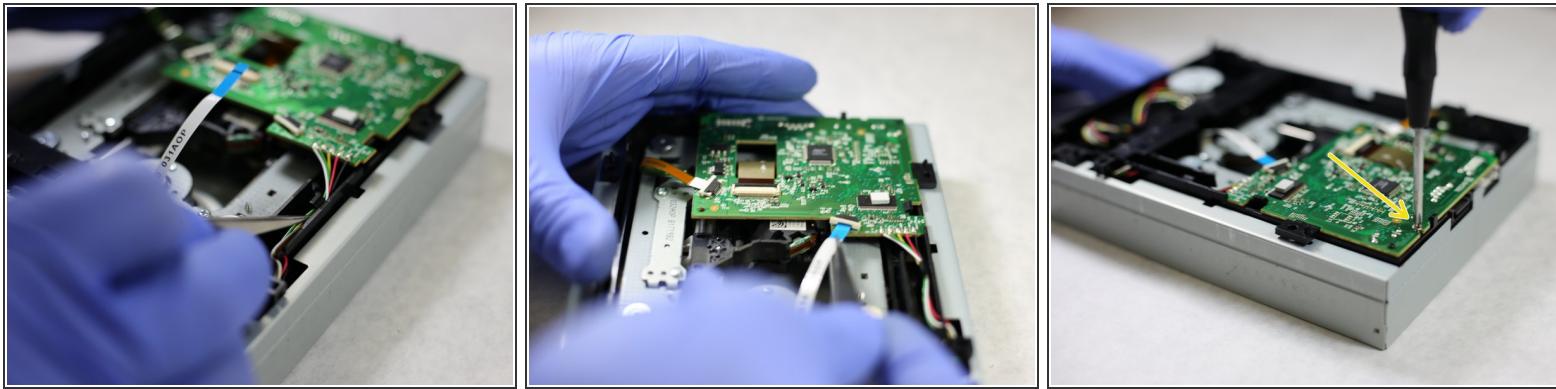
- Place the motherboard back in position.
- Use the plastic pins to resecure the motherboard back to the disk drive.

*(i)* Refer to steps 8 & 9 if more pictures for assistance are needed.

*(i)* Just work backwards starting with only the first picture in 9, securing the wires into their enclosure using their pin.

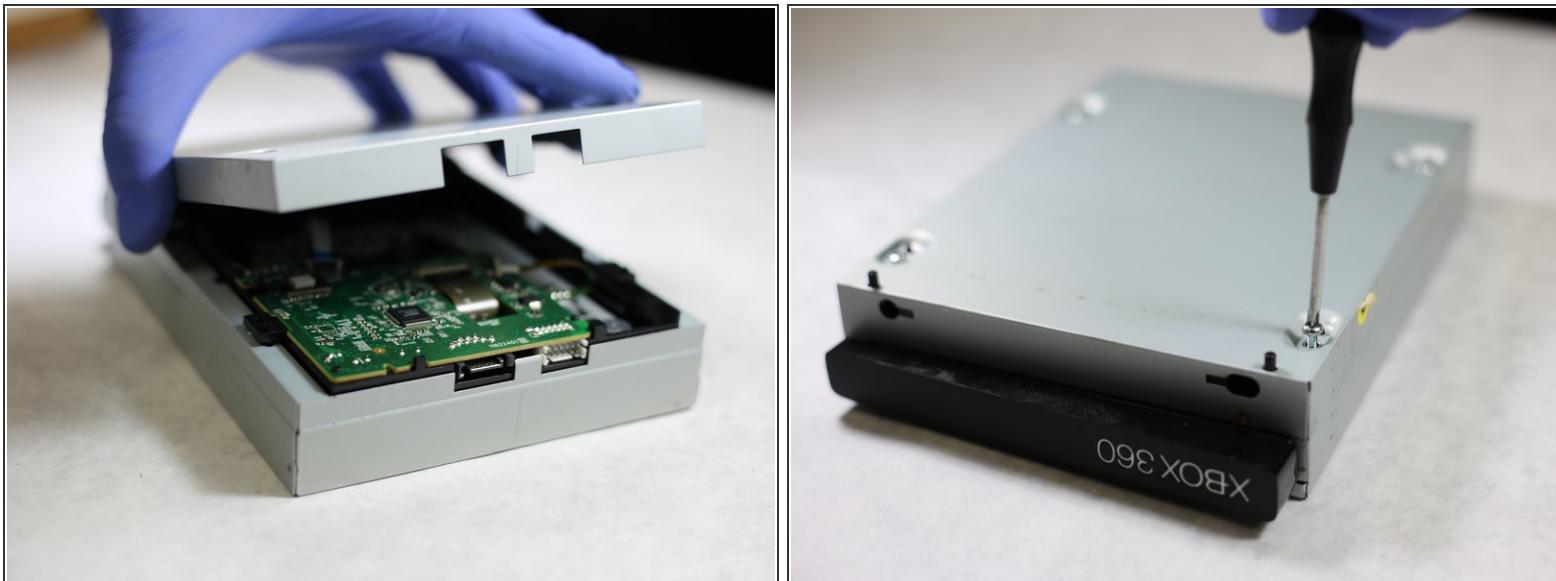
*(i)* Then work backwards through the pictures in step 8.

## Step 23



- Reattach the 3 ribbon wires to the motherboard.
- These are the 3 wires that were detached in steps 5 & 6
- *(i)* If more assistance is needed work backwards completely through steps 6 and then 5.
- Reattach the screw removed from the motherboard in step 7. This is the only screw that'll completely secure the motherboard to the disk drive.

## Step 24



- Replace the cover remove the cover
- Flip the disk drive over and reattach the four screws removed from the cover in step 4.

## Step 25



- Flip the disk drive and reattach the elastic band.
- You are done with replacing the laser lens.
- Nice Job!

If you followed all the steps you should have a working XBOX 360 S.