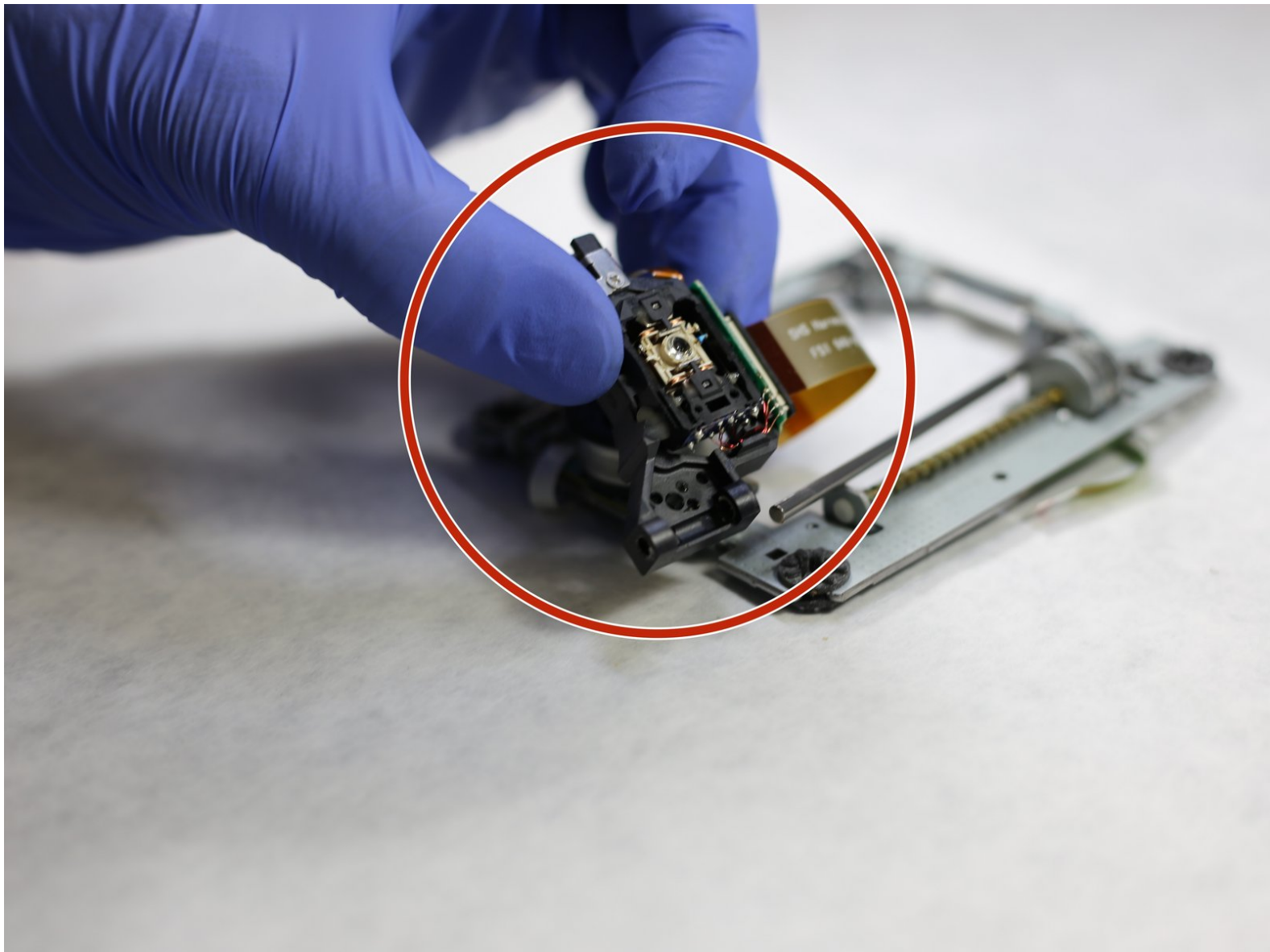




Xbox 360 S Laser Lens Replacement

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.

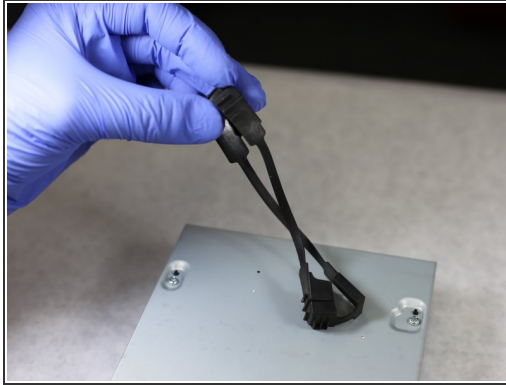
Step 2 — (OPTIONAL) Desoldering



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

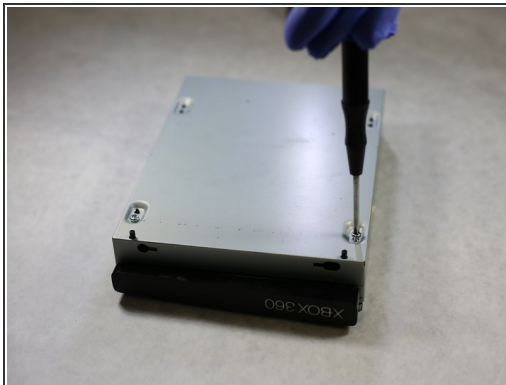
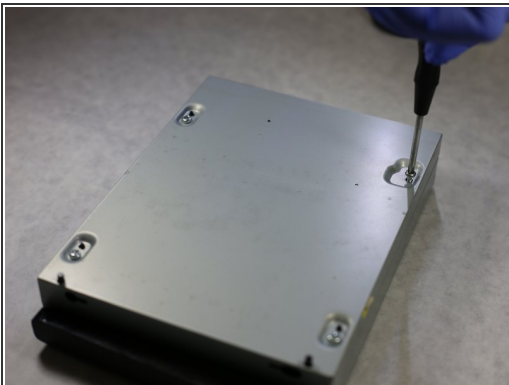
- ① <https://youtu.be/iL8wVC9PLBk>
- ① When you purchase a new lens some come with the solder joint and some do not.
- ① In the case that it does you'll need to desolder it. We provided a video to help you.

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



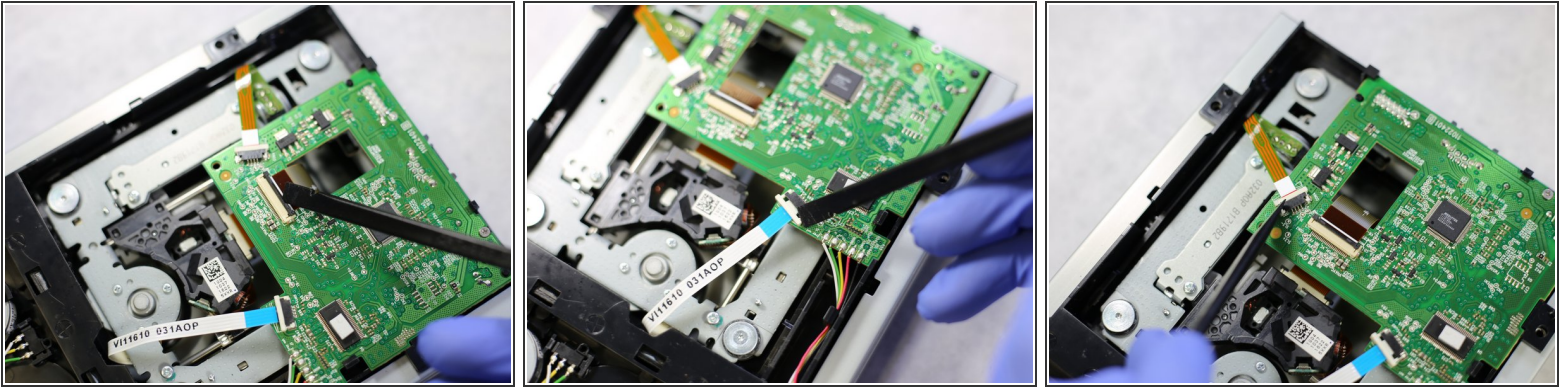
- Now that you have completed steps 1 and 2
- Remove the elastic band on the disk drive.

Step 4



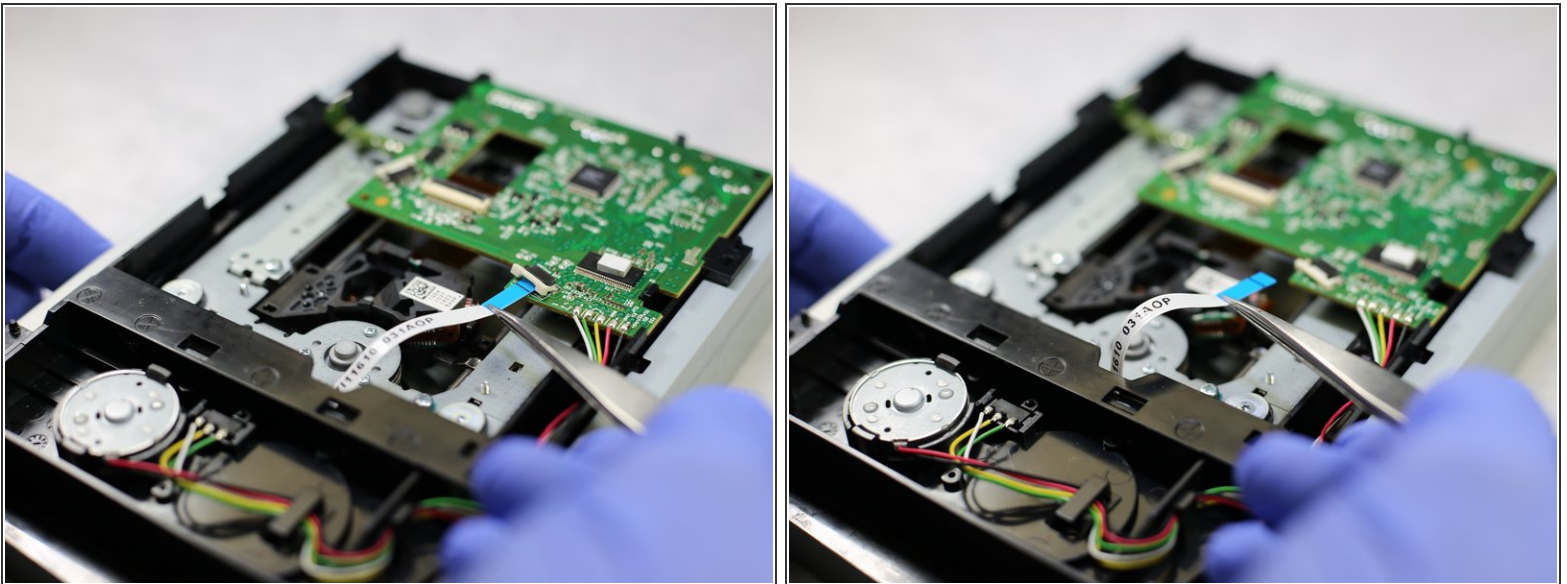
- With the underside exposed, identify the 4 main screws.
- Remove these 4 screws.
- Remove the cover to expose the assembly

Step 5



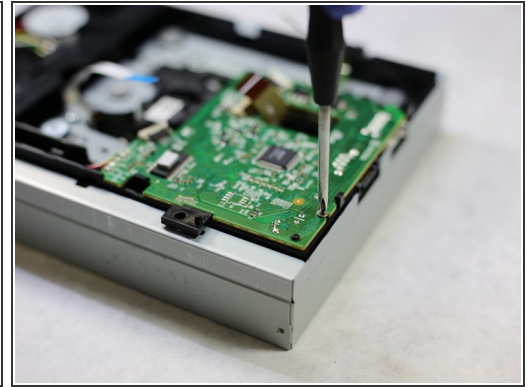
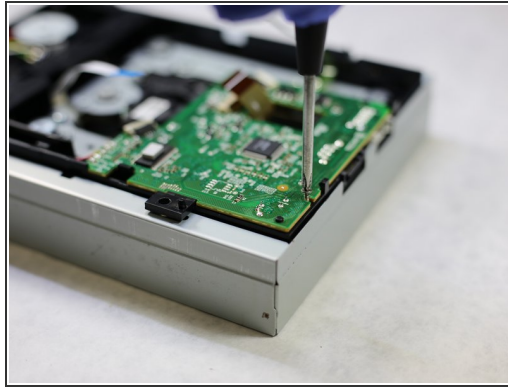
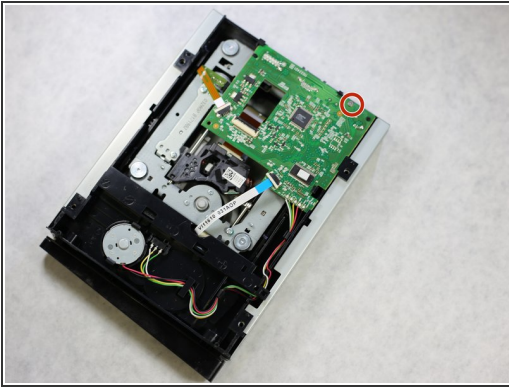
- Locate the three ribbons connected to the board.
- Use the plastic spudger to unclamp the ribbons from the board.

Step 6



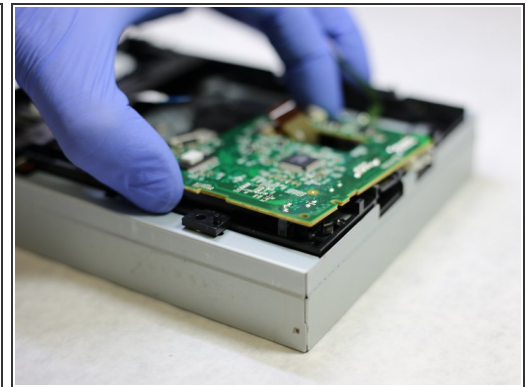
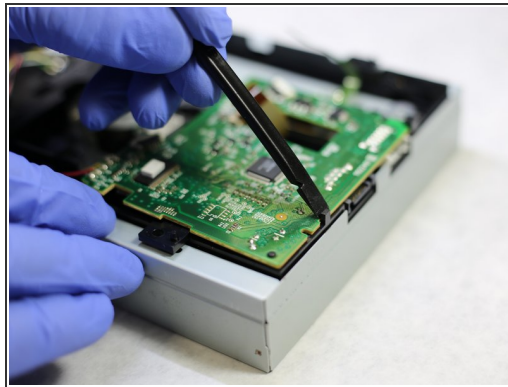
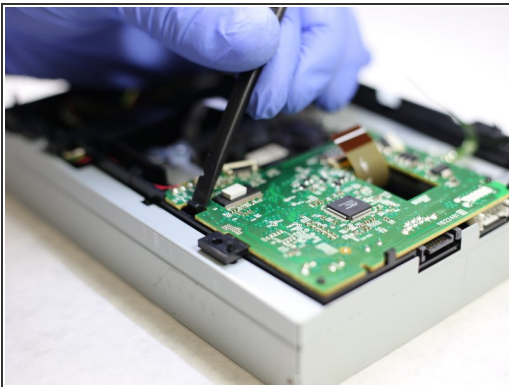
- The ribbons will now be able to slip out. With the tweezers, gently pull the ribbons to completely detach them.

Step 7



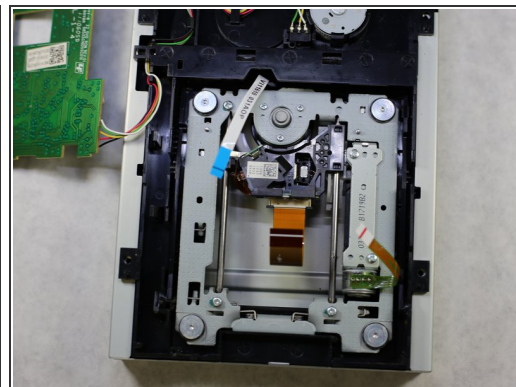
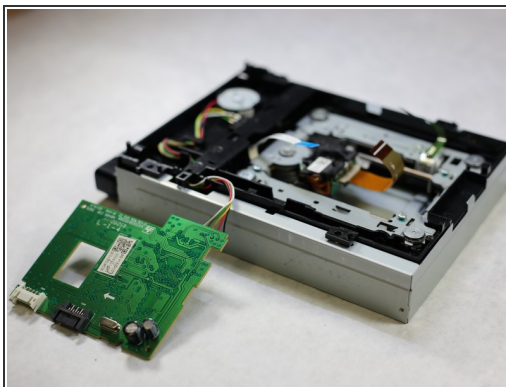
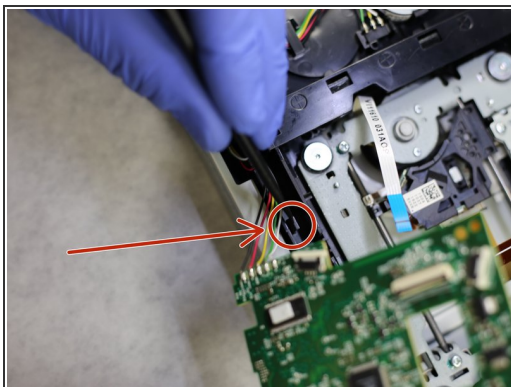
- Locate the screw that holds the motherboard to the disk drive
- Using your screwdriver, remove the motherboard screw.

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

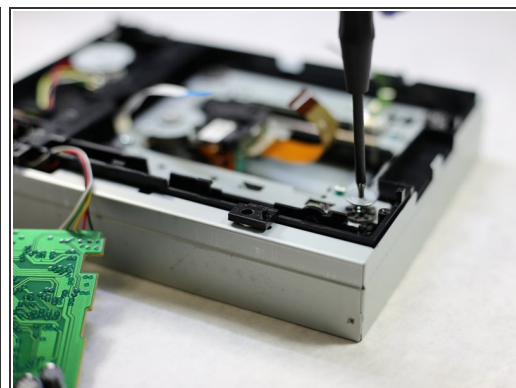
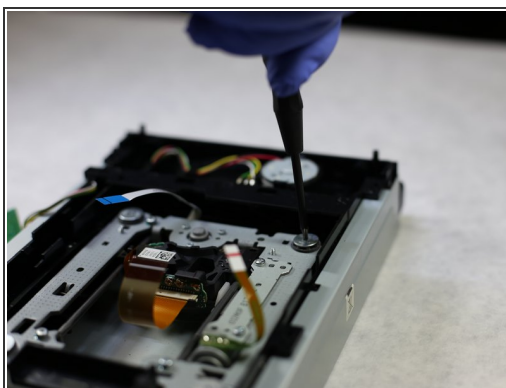
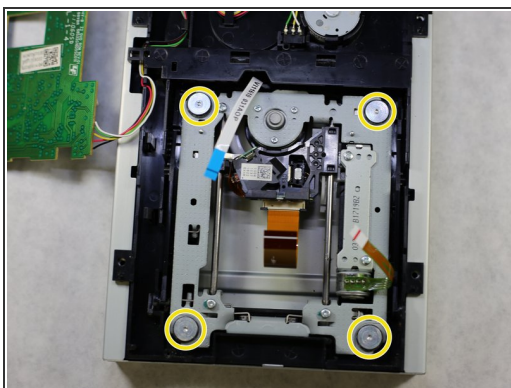


- With the board freed from its trappings, locate the pin securing the wires connected to the board.

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

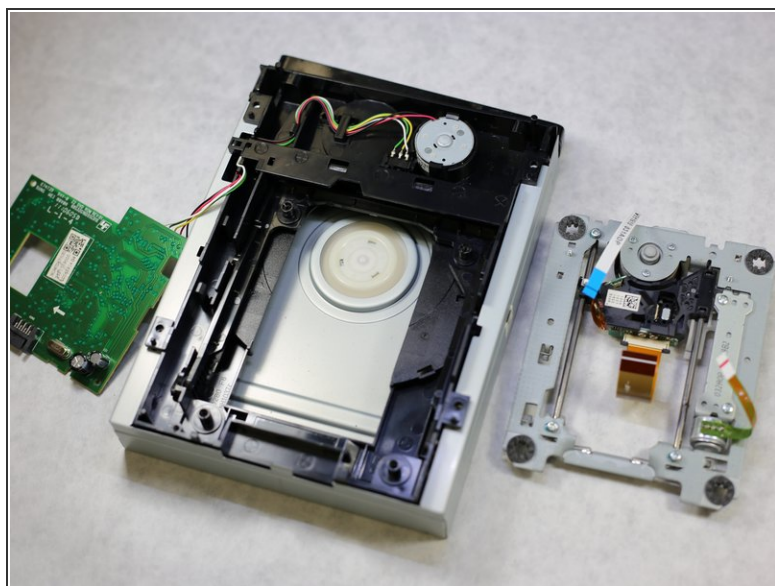
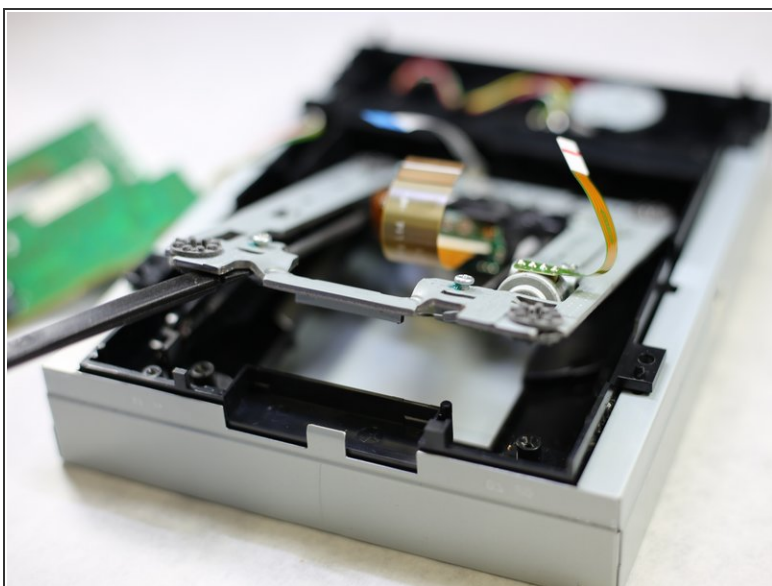
- Use your spudger to press this pin backwards.
- Lift the entire board up to free the wires.
- Lay the motherboard adjacent to the disk drive.

Step 10



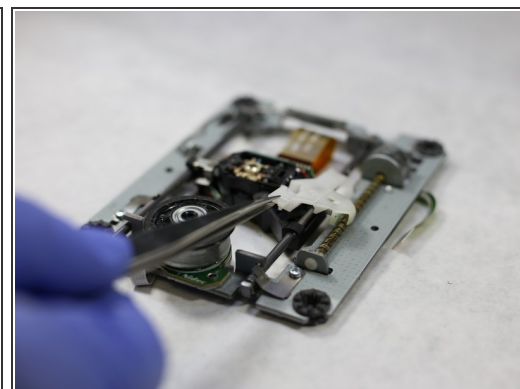
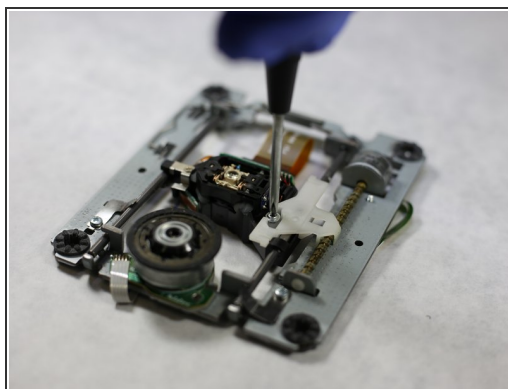
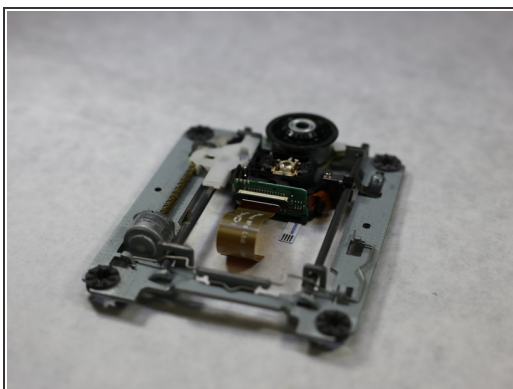
- Locate the 4 circular hex screws that secure the laser rail assembly.
- Using your T7 hex screw driver remove these 4 screws.

Step 11



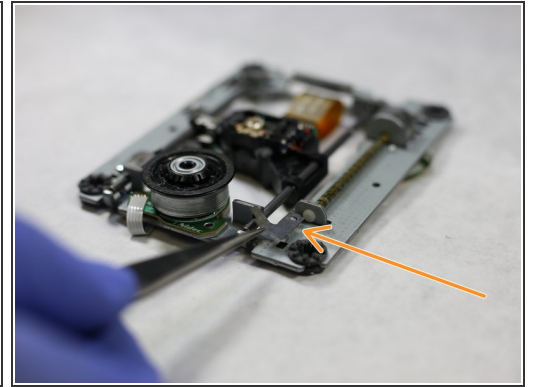
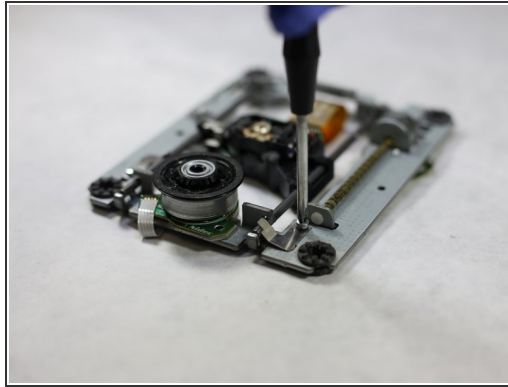
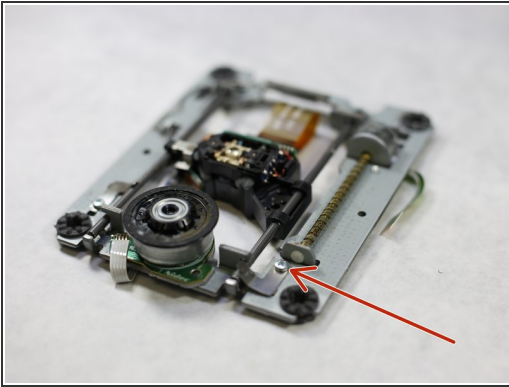
- Lift the rail assembly out of the disk drive. Set the disk drive aside.

Step 12



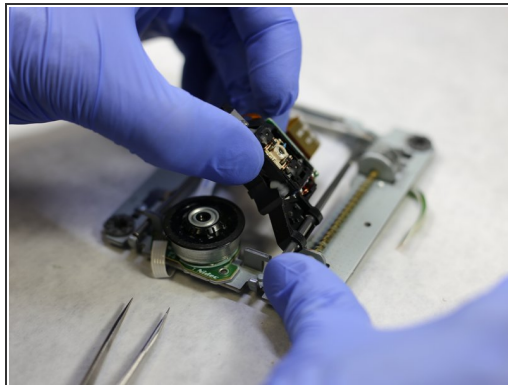
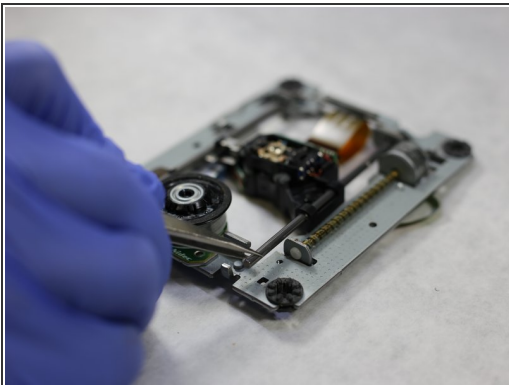
- Flip the laser rail assembly over to expose the screws.
- Remove the screw connecting the laser lens to the plastic fastener.

Step 13



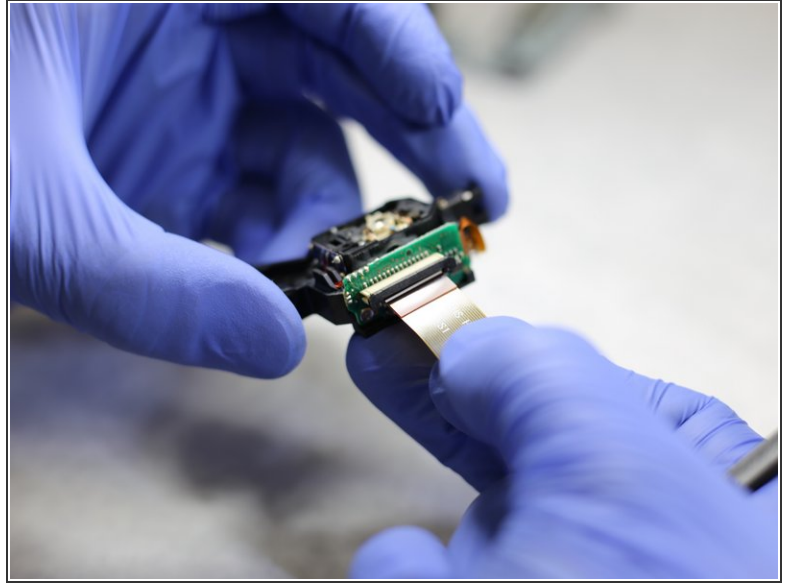
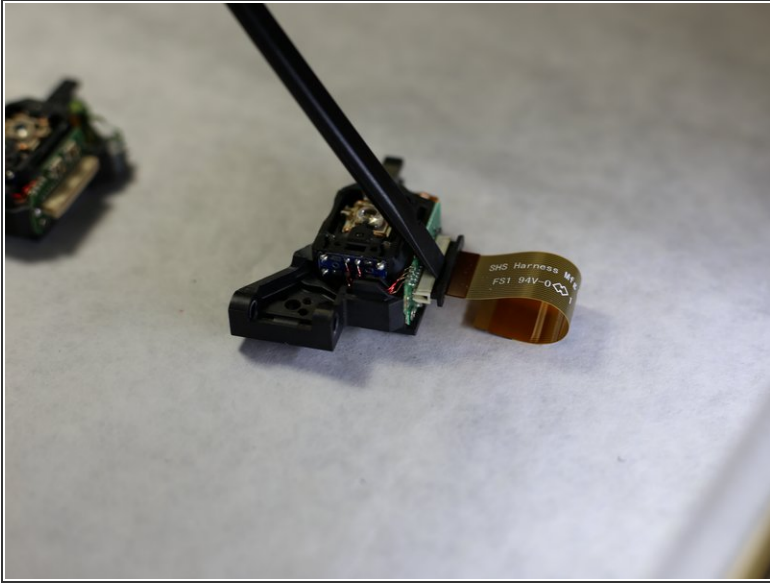
- Remove the screw connecting the metal fastener to the rail.
- Remove the metal fastener that holds the rod to the rail after removing the screw.

Step 14



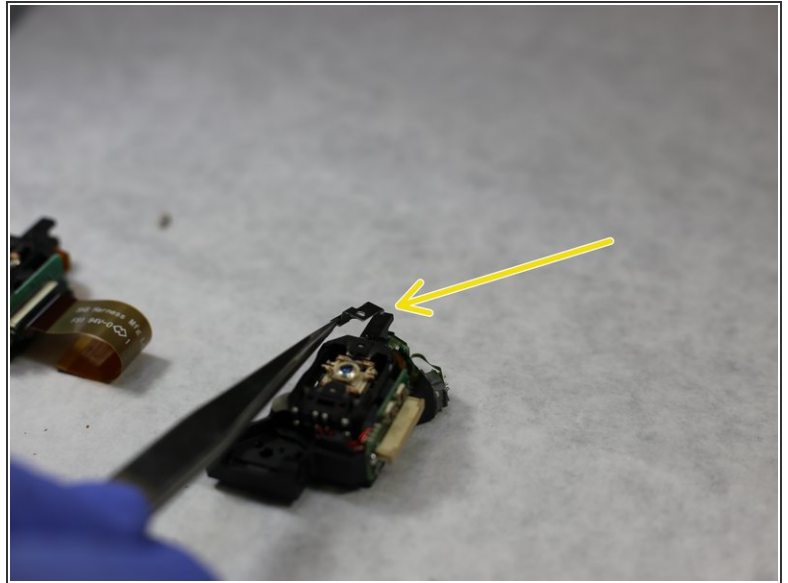
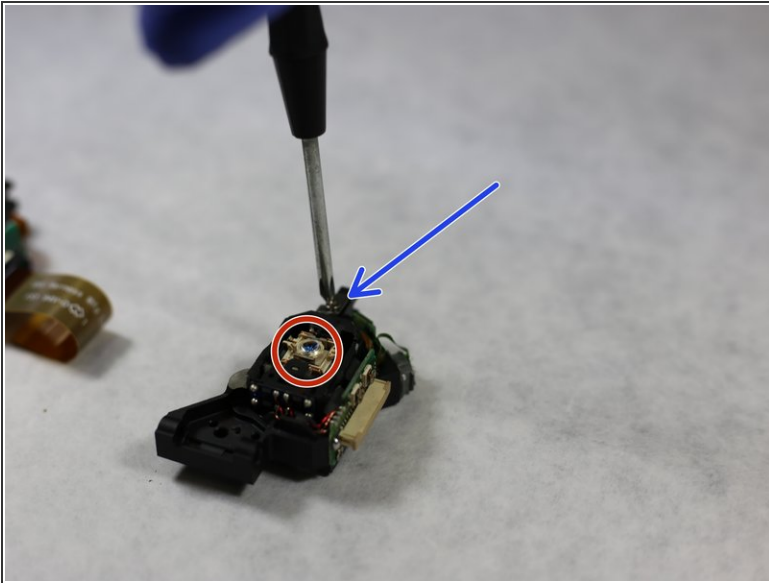
- Push the rail end to the side and out from under the metal latch.
- Slide the lens off the rail. Set aside the rail assembly.

Step 15



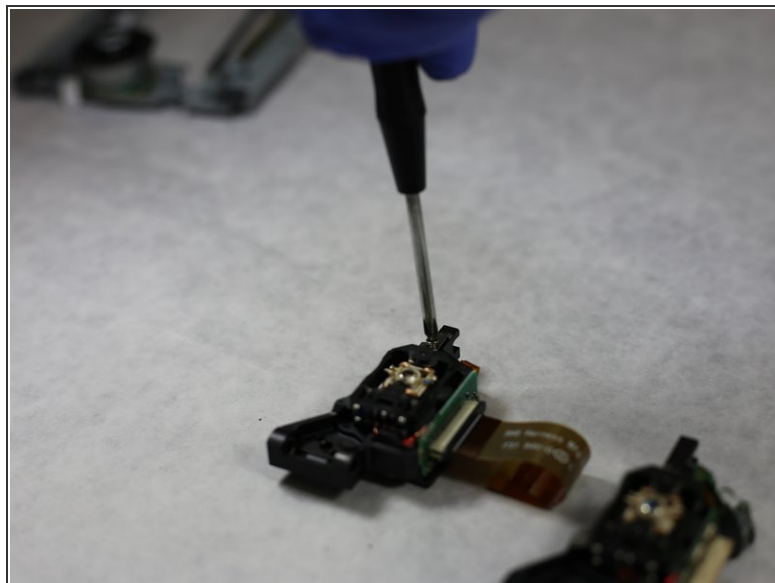
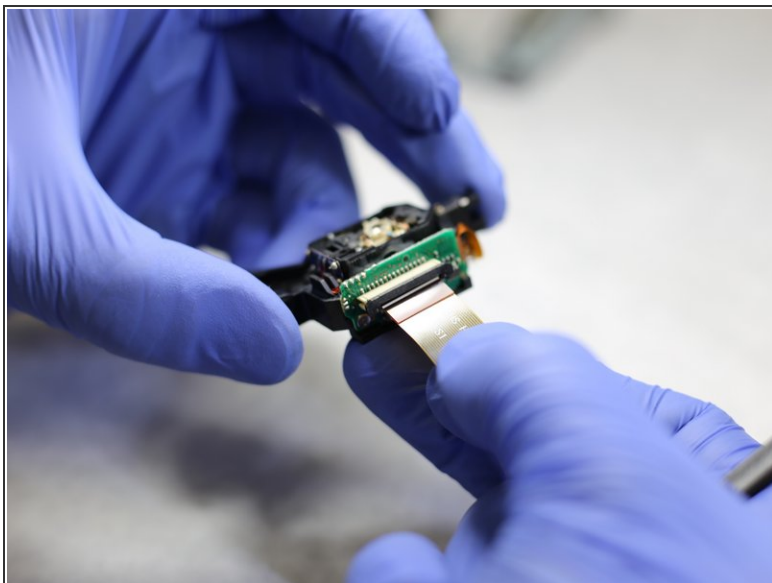
- Using the spudger, release the plastic clamp holding the ribbon to the laser lens.
- Using your fingers gently pull the ribbon out of the plastic clamp.

Step 16



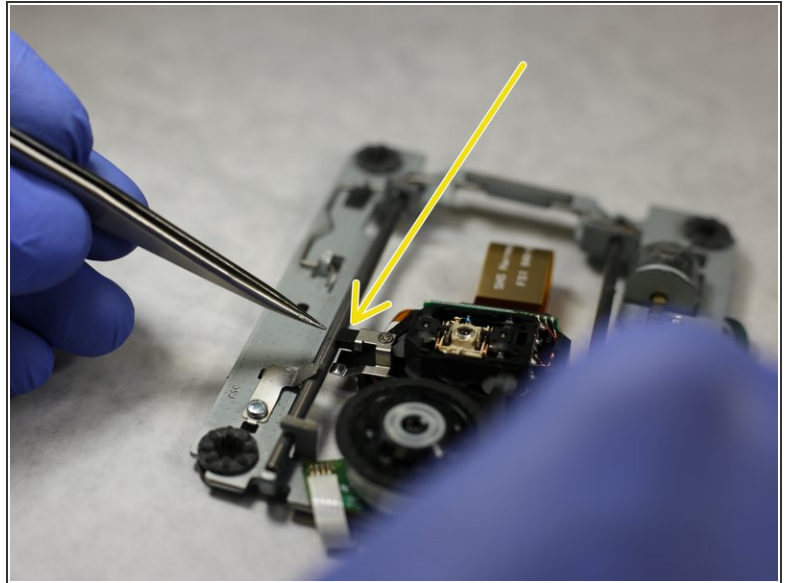
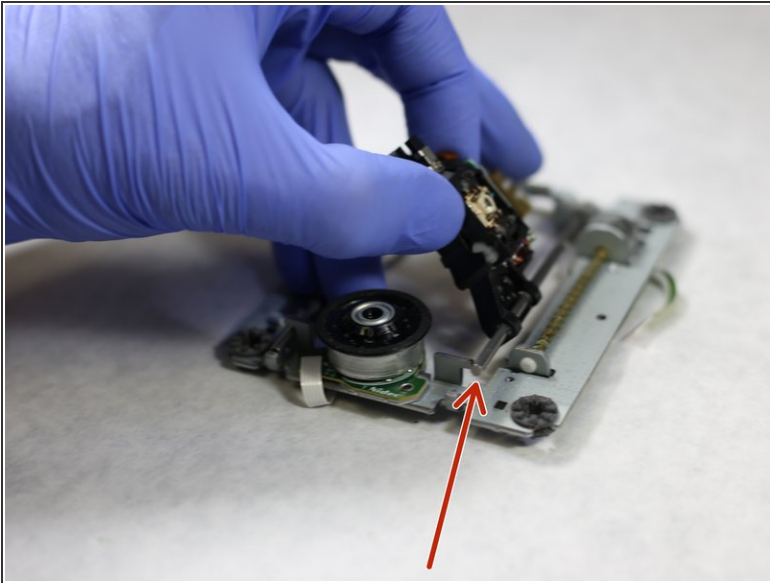
- **This is the lens**
- Remove the screw holding the metal fastener to the old lense.
- Remove the now unsecured metal fastener.

Step 17



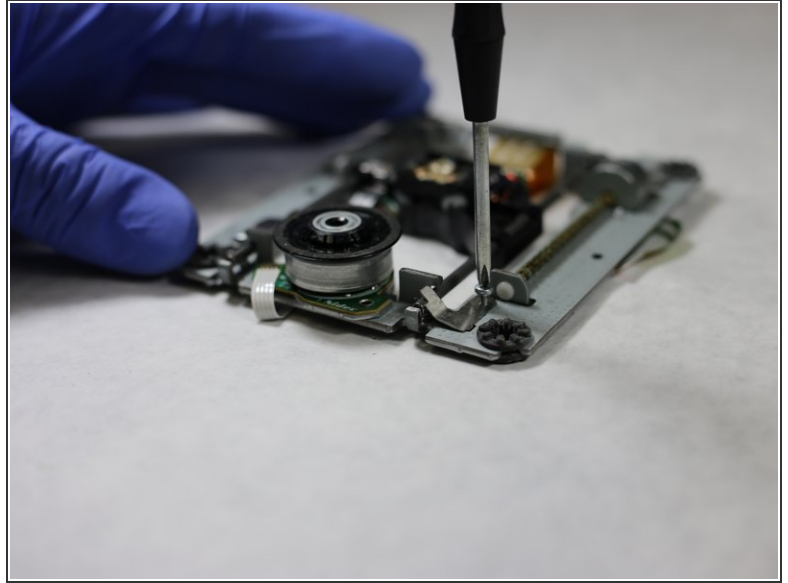
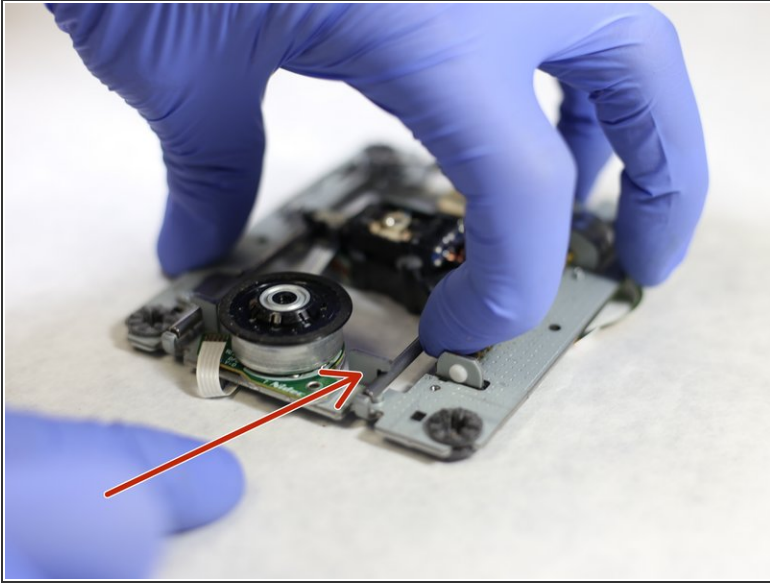
- Connect the ribbon to the replacement lens by sliding it in place then closing the plastic fastener.
- Place the removed metal fastener on the new laser lens and use the removed screw to secure the fastener to the replacement lens.

Step 18



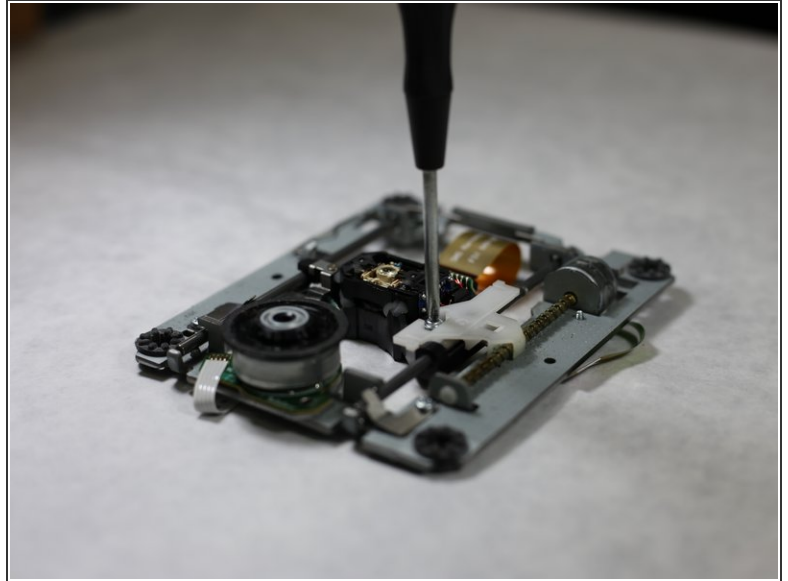
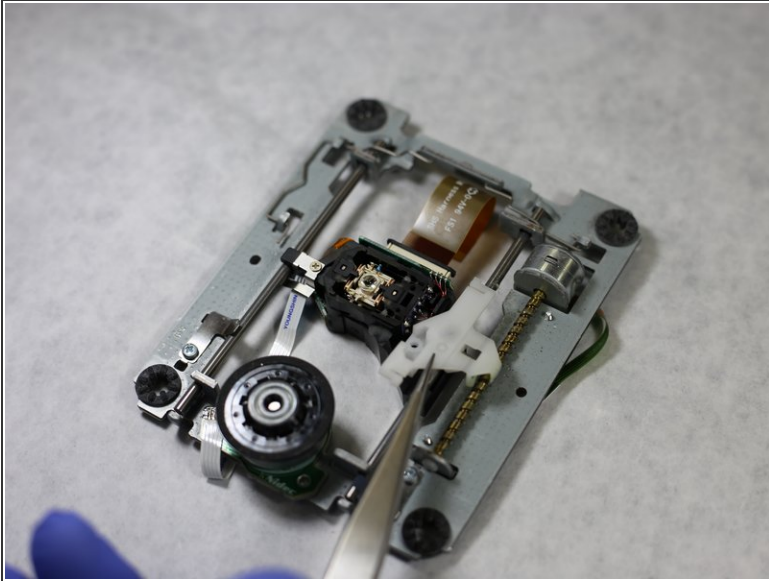
- Slide the replacement lens onto the right rail
- Make sure to clip the other side of the lens onto the left rail

Step 19



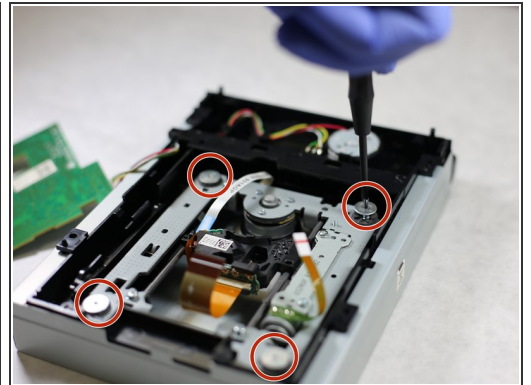
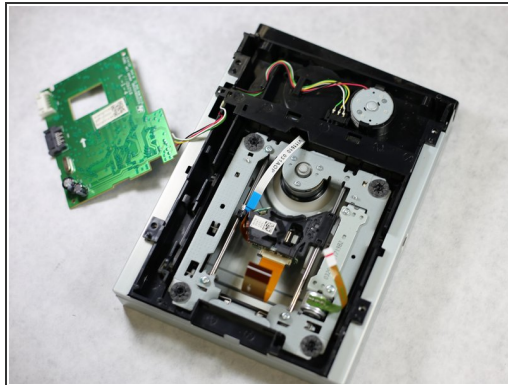
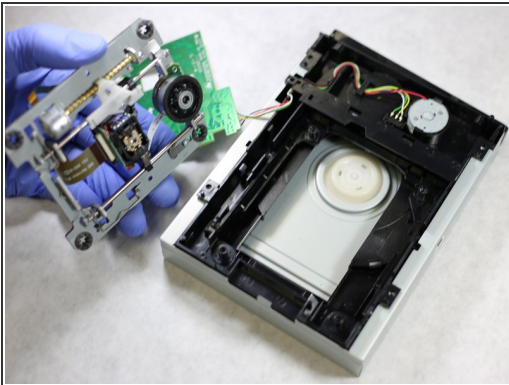
- Slide the unsecured right rail back under the metal latch. (metal latch is pointed to by the arrow)
- Place the metal fastener removed from the rail previously back in position and secure it with the screw that was removed.

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



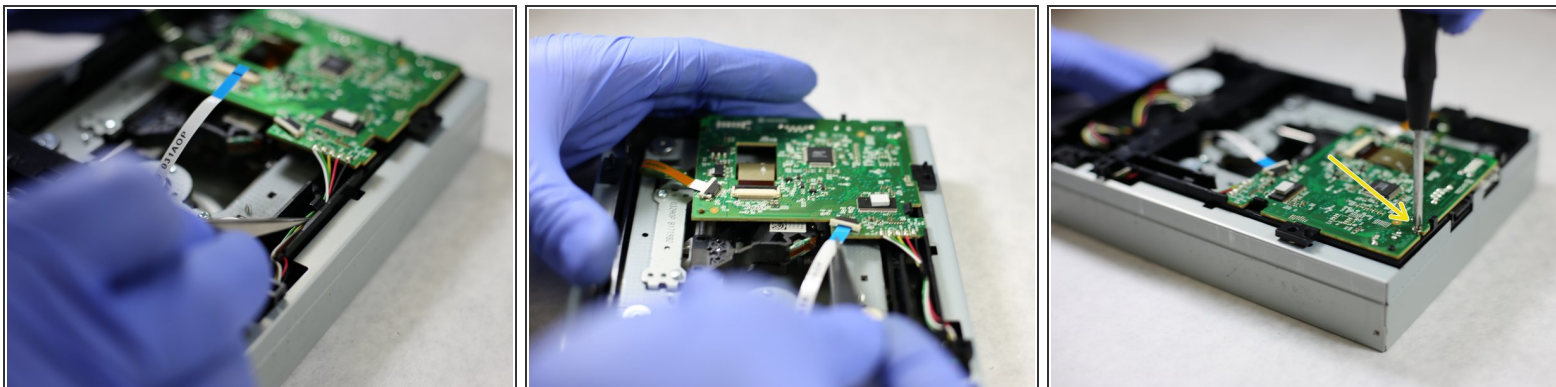
- Position the rail assembly within the disk drive
- Use the 4 previously removed screws to secure the position.

Step 22



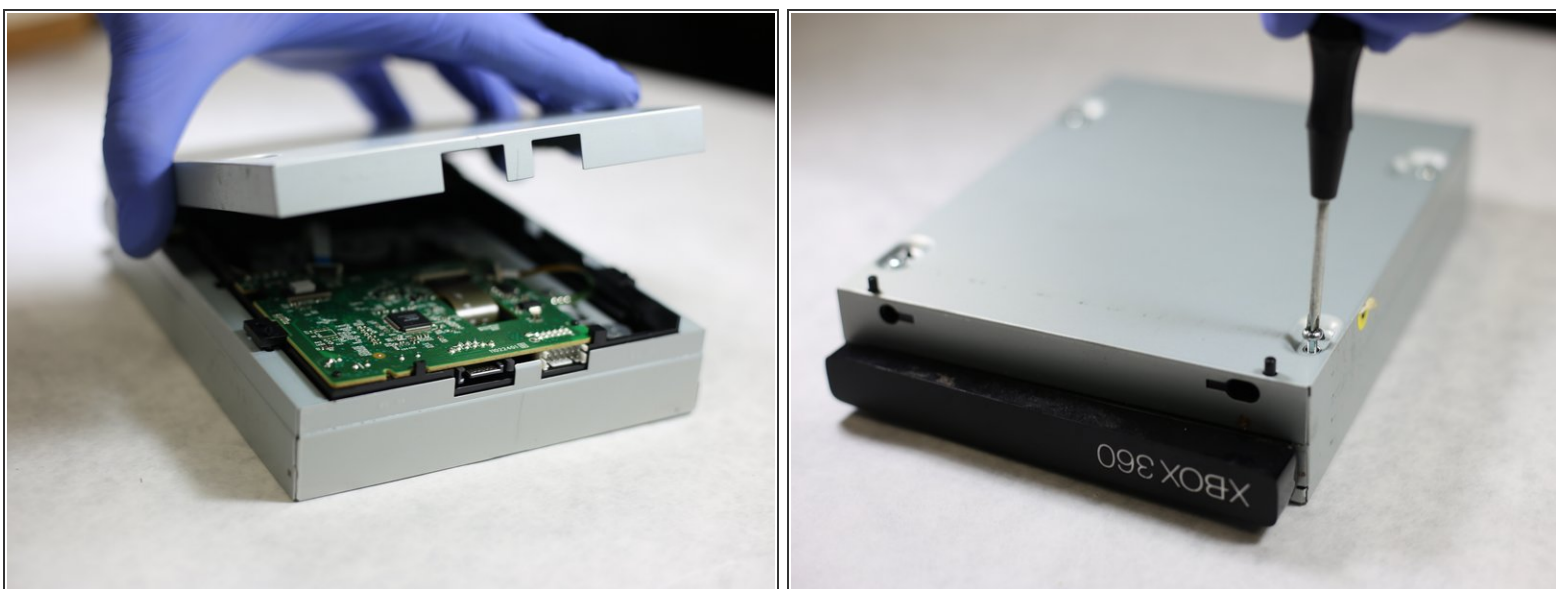
- Place the motherboard back in position.
- Use the plastic pins to resecure the motherboard back to the disk drive.
- i** Refer to steps 8 & 9 if more pictures for assistance are needed.
- i** Just work backwards starting with only the first picture in 9, securing the wires into their enclosure using 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
- ⓘ 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.