



Dynex DX-PDVD9 Optical Drive Replacement

Replacing the optical disc drive in your Dynex DX-PDVD9 portable DVD player.

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INTRODUCTION

Can't watch your favorite movie? Replacing the optical disc drive may help.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Spudger](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Optical Drive



- Before removing the screen, be sure to turn off and unplug your device.
- Flip your device over, so the bottom is facing up.

Step 2



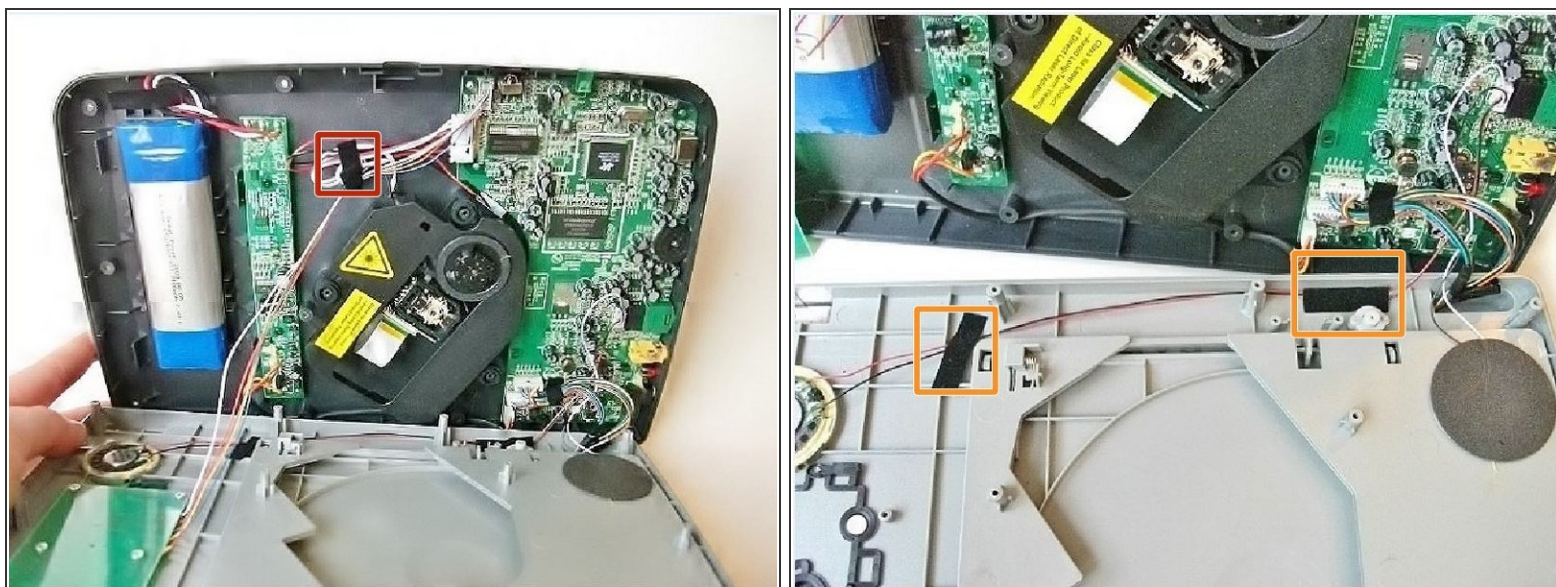
- Remove the back cover held by thirteen 3.175 mm head, 9.525 mm length pan-head Phillips screws.
- ⓘ One of the screws is covered by a seal. Breaking this seal will void your warranty.

Step 3



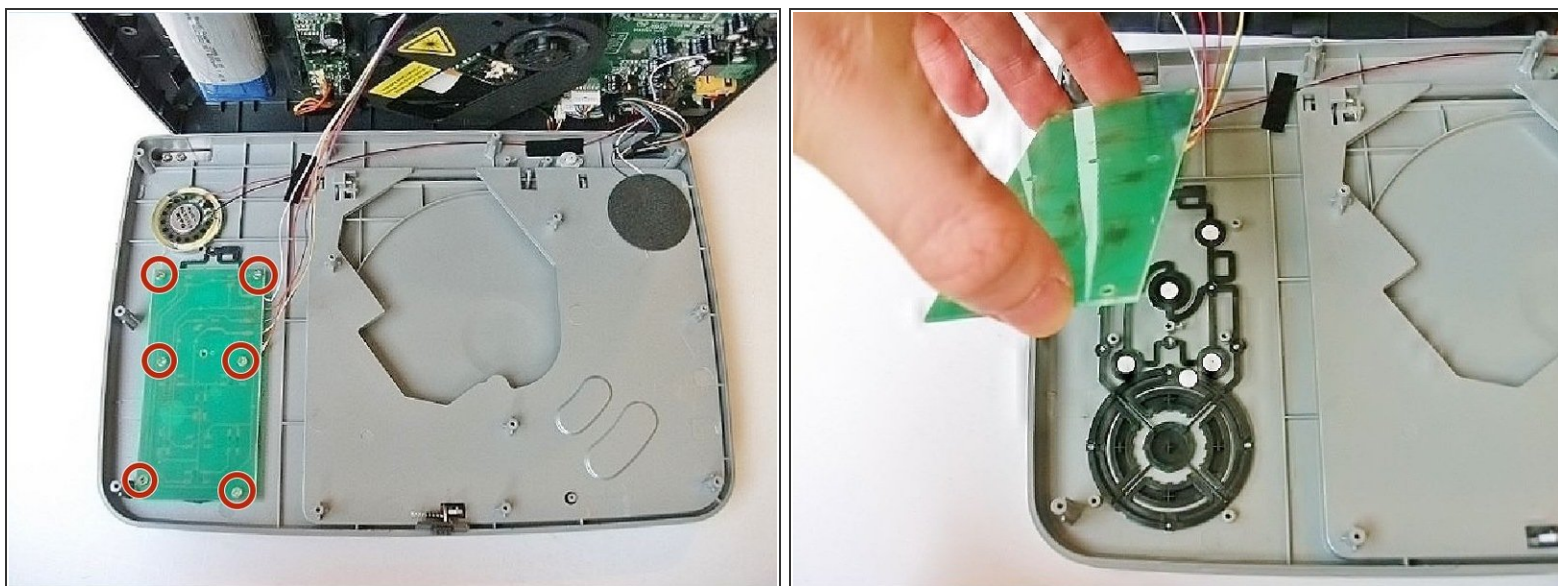
- Use a plastic opening tool to pop open the back case.
- Do not separate the back cover completely, wires are still connected to both sides.

Step 4



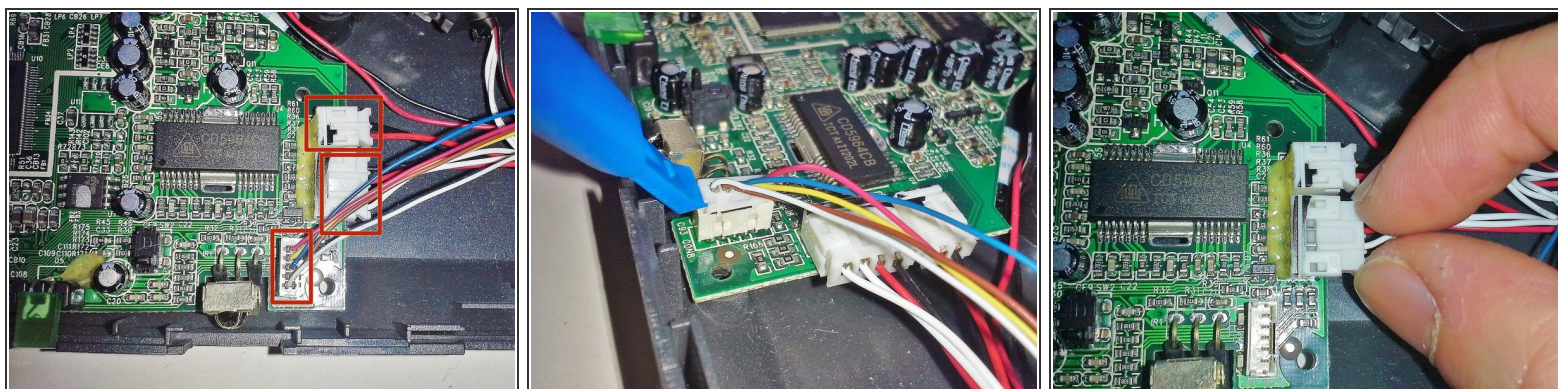
- Hold the back cover upright and remove the black tape connecting the wire group to the cover.
- Remove the bottom two pieces of tape connecting wires to the CD tray.

Step 5



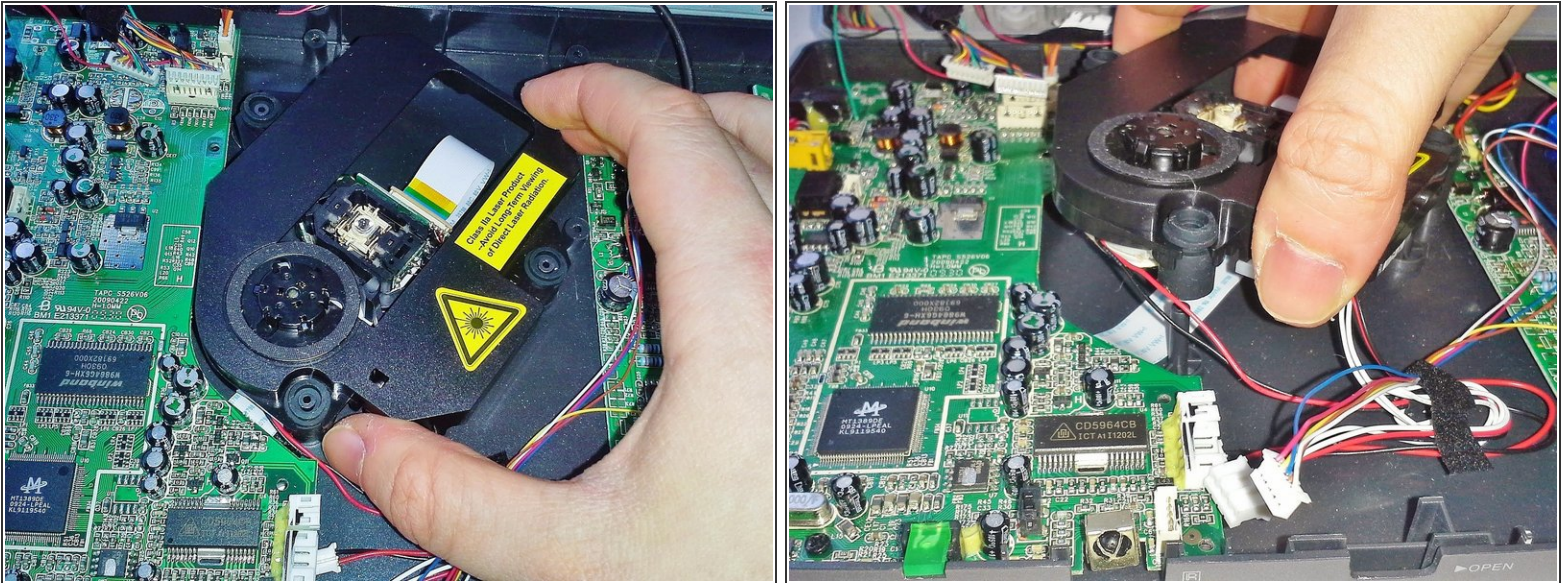
- Locate the small circuit board on the underside of the buttons.
- Remove the circuit board for the buttons, held by six 3.175 mm head, 4.762 mm length flat-head Phillips screws.

Step 6



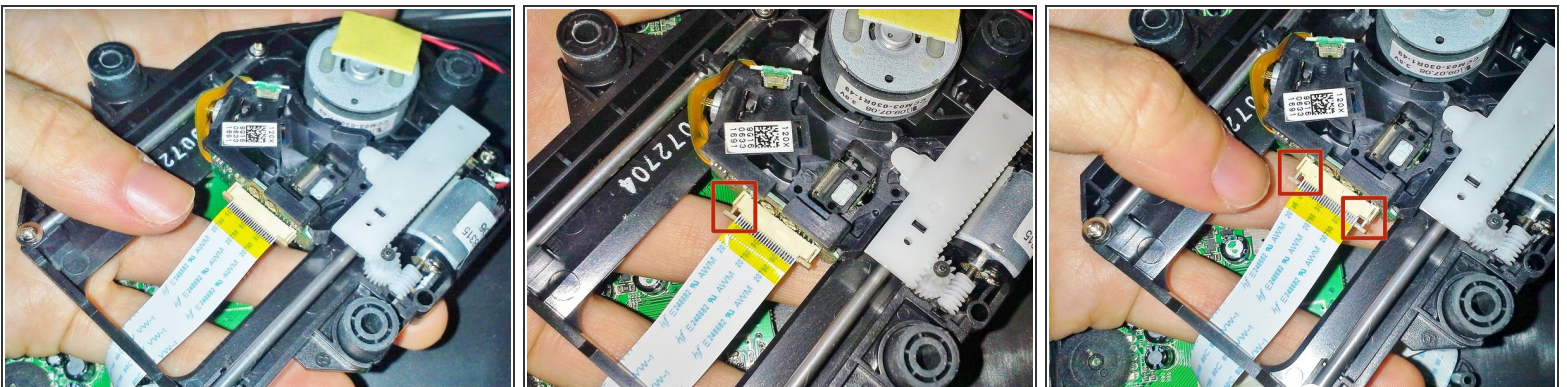
- Remove the three wire connections that are located on the main (largest) circuit board.
- The connection can be gently removed with a plastic opening tool or with your fingers by pinching the ends and pulling.

Step 7



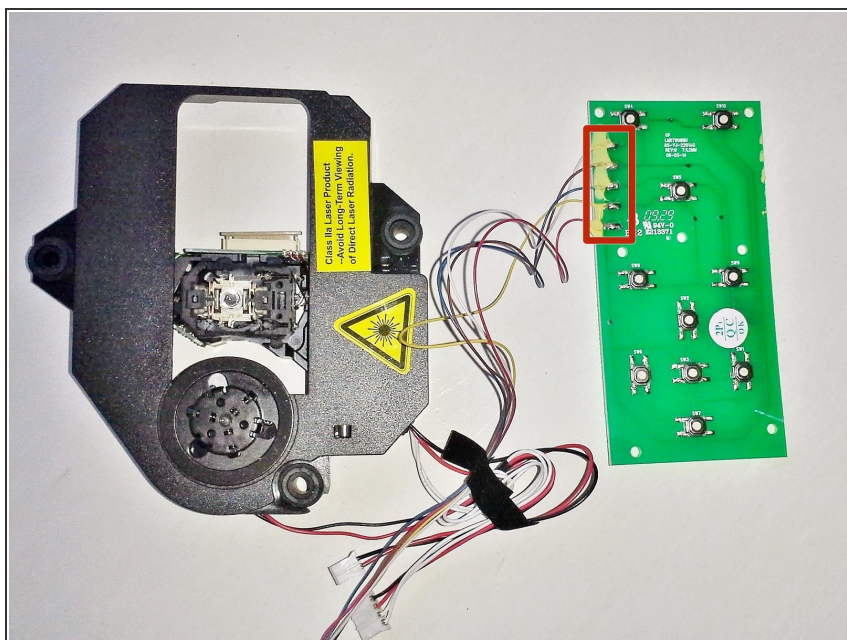
- Remove the optical disc drive by lifting it off the three pegs on the bottom case.

Step 8



- Now that the optical drive is removed from the case, flip it over and locate the ribbon cable.
- Gently pull out the two sides of the brown tab underneath the ribbon cable, see images for detail.
- Once both sides of the tab are out, it should require no force to pull the ribbon cable out of the connection on the optical drive.

Step 9



- Now the optical drive should be removed and still connected to the circuit board which was underneath the buttons.
- Desolder the optical drive wires from the circuit board.
- ⓘ If the wires need to be removed from the circuit board, you may need to use an adhesive solvent to fully dissolve the glue.
- ⓘ For proper soldering and desoldering techniques reference [How To Solder and Desolder Connections](#).
- ⚠ Soldering requires the iron to be at hot temperatures and can cause burns. Wear safety glasses as needed. Be extremely careful with the wires and board in this step as they could melt, burn, or break.

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