Havoc Heli IR LED Replacement

This guide shows how to replace an Infrared LED in the remote control for a Havoc Heli remote helicopter.

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INTRODUCTION

Before beginning this repair, you should be familiar with soldering a circuit board. The soldering skills needed aren't very in-depth, but you'll be working very close to some other components.

🔧 TOOLS:

- Soldering Iron (1)
- Solder (1)
- Small Phillips Head Screwdriver (1)
- Masking Tape (1)
- Desoldering Braid (1)

⚙ PARTS:

- Infrared LED (1)

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Step 1 — Havoc Heli IR LED

(i) Power off the controller before disassembly.

- Place a small piece of tape over the Light button to prevent it from falling out in later steps.

- Flip the controller over so the back is facing up.

Step 2

- Remove the battery compartment screw with a small Phillips screw driver.

- Lift off the battery cover.
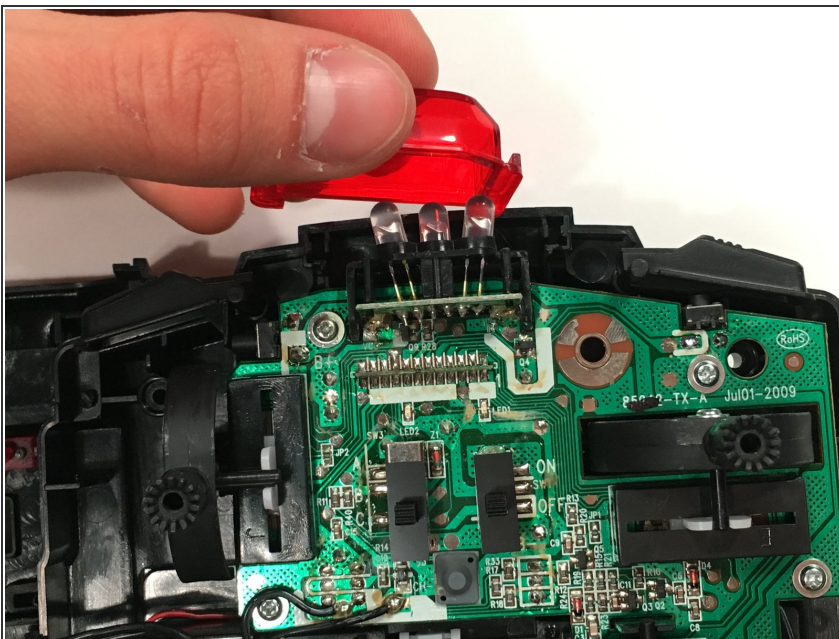
- Remove the six AA batteries from the compartment.

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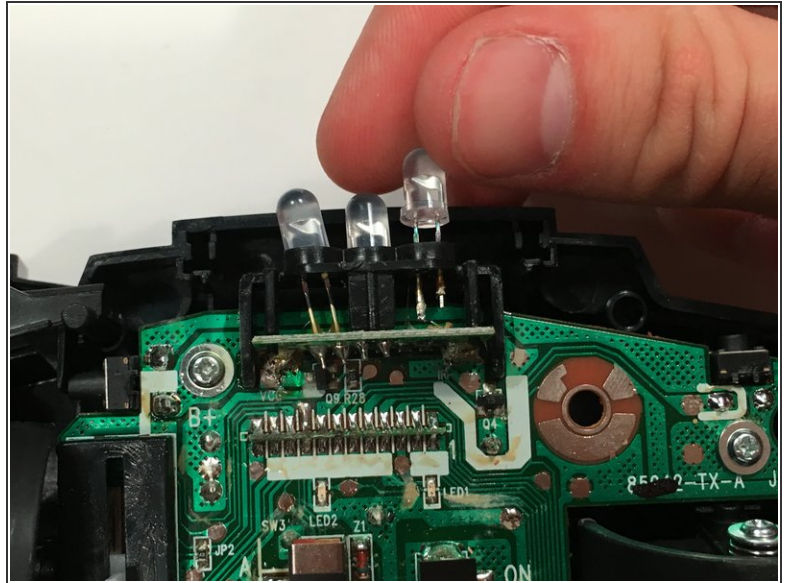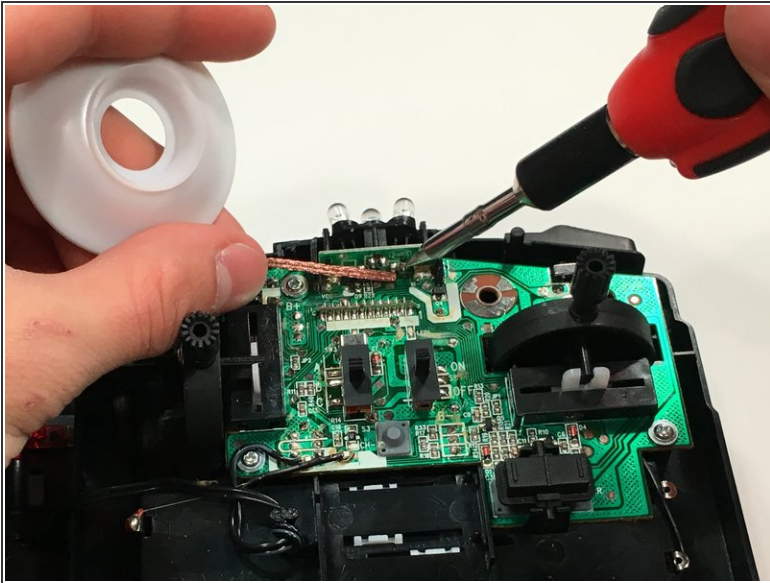
Step 3

- Remove the remaining four screws with a small Phillips screw driver.

- Flip the device over so the front is facing up.

- Remove the front cover and place it to the left side.

⚠ Make sure to note the locations of the joysticks and other controls in case they fall out of place during this or future steps.
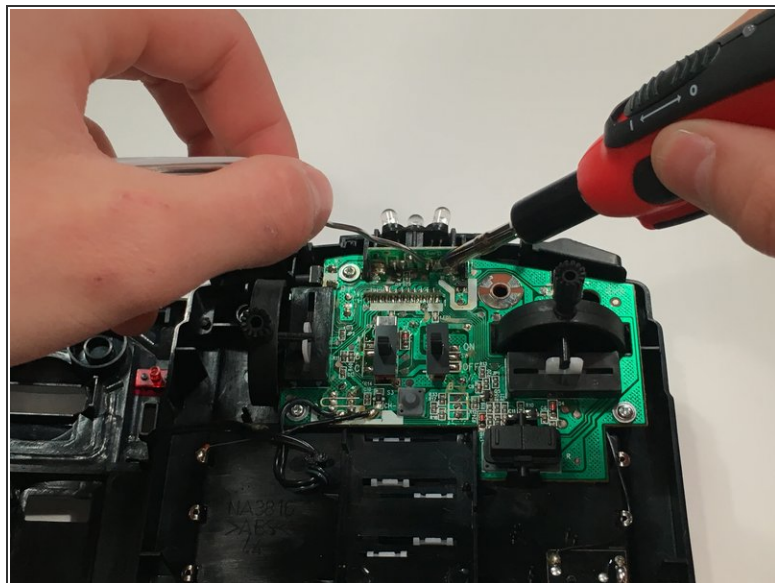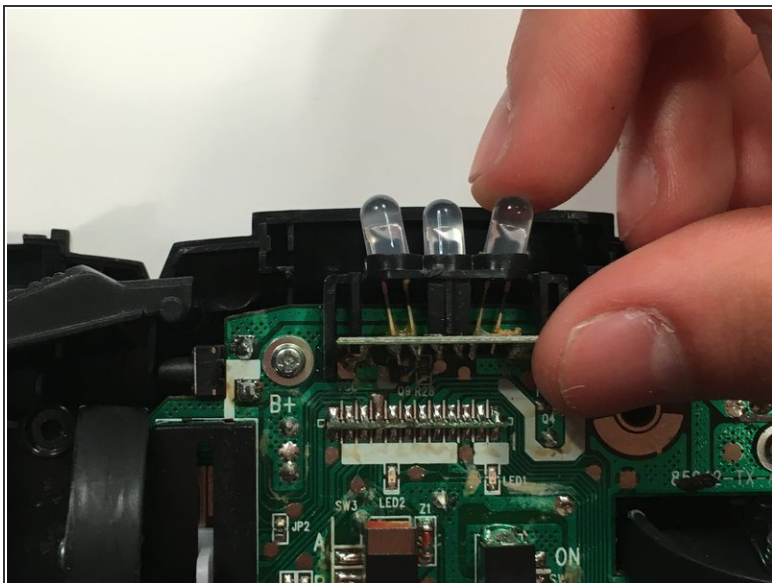
Step 4

- Lift up the red IR LED cover to remove it.

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Step 5

- Use the soldering iron and solder wick to remove the solder from the IR LED you're replacing.

- Pull the LED out through the top.

Step 6

- Insert the new LED into the slot.

- (i) Make sure that the short lead of the LED is on the right.

- Use the soldering iron and solder to connect the new LED.

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