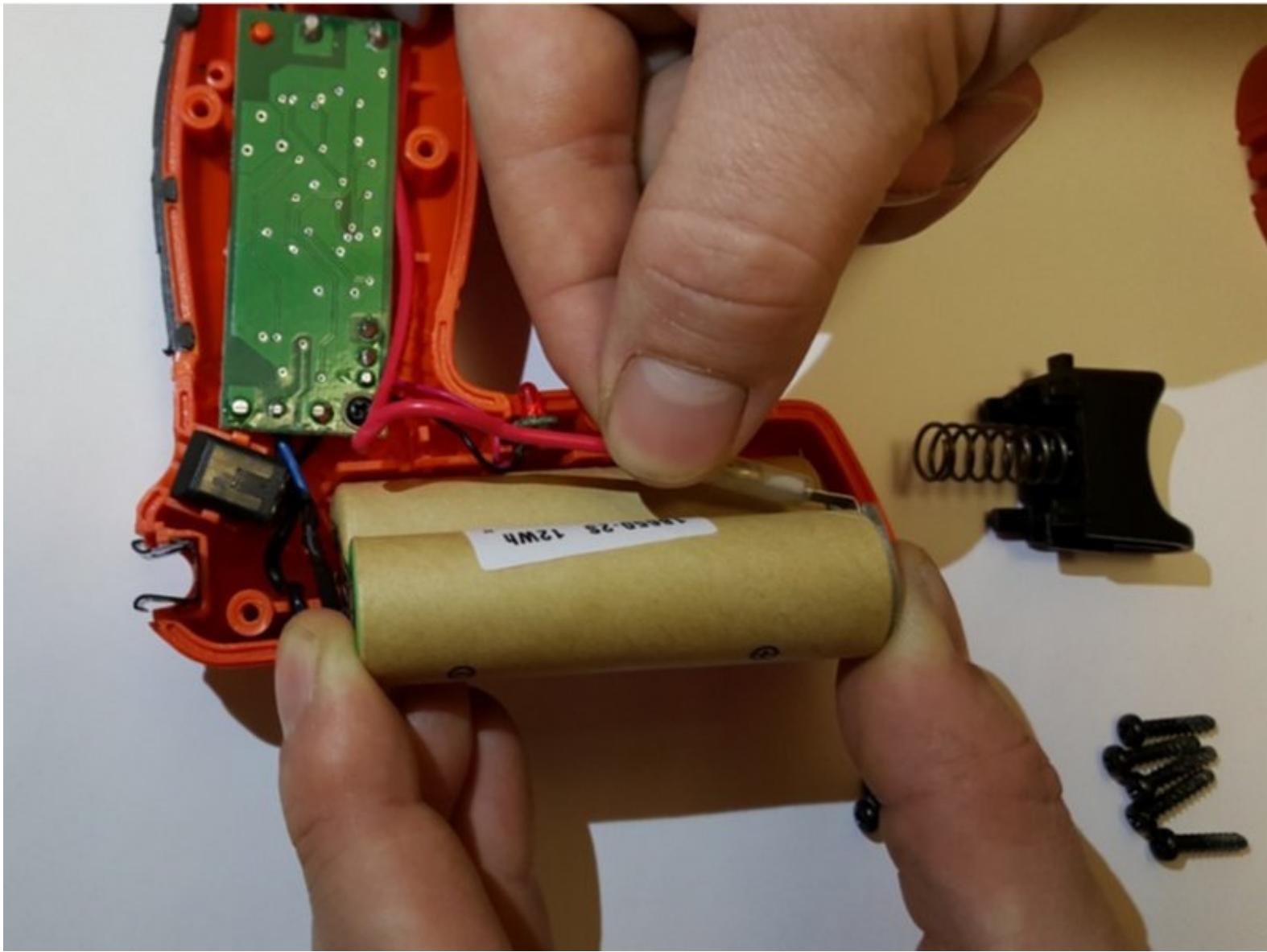




Black and Decker LDX172C Battery Replacement

Use this guide to replace the battery in your Black and Decker LDX172C cordless drill

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INTRODUCTION

This guide will walk you through the steps to replace a faulty battery pack in a Black and Decker LDX172C cordless drill. Steps one through three walk you through the disassembly process and step four walks you through battery removal and replacement. Tools necessary for this operation include a Philips screw driver set and a soldering work station. Approximate repair time is 40 minutes.

TOOLS:

- [Soldering Workstation \(1\)](#)
- [Phillips #2 Screwdriver \(1\)](#)

Step 1 — Battery



⚠ Before beginning, make sure the motor direction switch is in the neutral position.

- Place the drill on the work surface with the chuck facing downward. Locate and remove the two #2 X 10mm Phillips screws located right of the motor.

Step 2



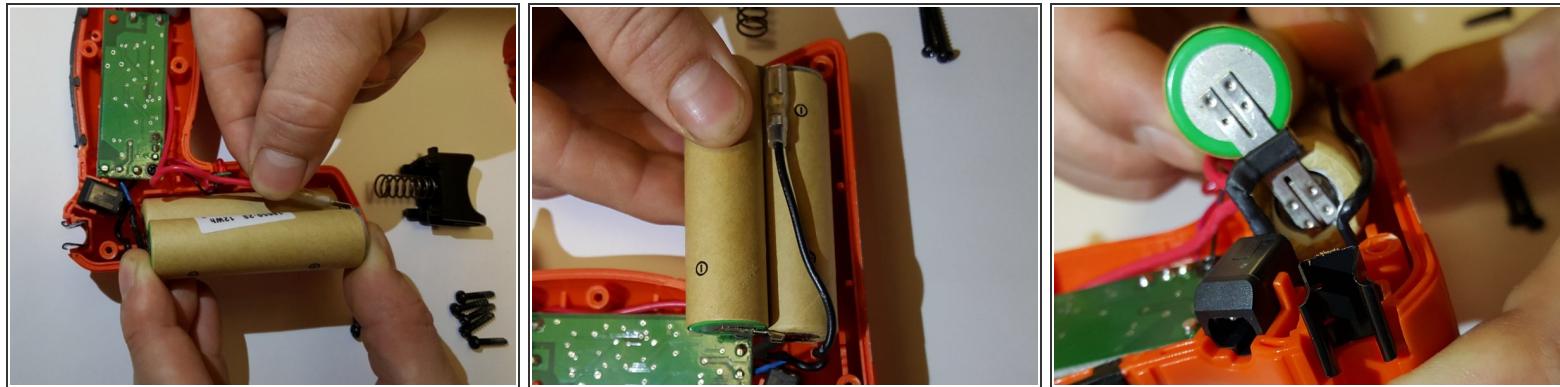
- Rotate the drill to its left side - the chuck should be facing rightward. Locate and remove the eight #2 X 5mm Phillips fasteners from the body of the drill.

Step 3



- Carefully remove the right half of the body from the drill.
- *i* The trigger mechanism is spring loaded and may eject from the drill when the body is removed.
- Locate the 18650-2 Lithium Ion battery in the base of the drill.

Step 4



- The positive and negative wires are connected to the battery via solderless connectors. To remove the battery, simply remove the wires by pulling the connectors apart. There are 3 connectors total.
- Exchange the old battery for the new one.
- Repeat steps in reverse to reassemble.

(i) These connectors could be tight, it might be necessary to use a small pair of pliers to remove the wires.

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