



02. Raise3D DualDirect

Extruder upgrade kit for the Raise3D N1/N2/N2+ printer replace the original feeder placed on the printhead. It fit's both dual and single nozzle printers.

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INTRODUCTION

Bondtech's Product Page

This Guide relates to this Raise3D DualDirect Upgrade Kit:

<https://www.bondtech.se/en/product/raise...>

Introduction

The Bondtech Raise3D DualDirect and SingleDirect extruder, which is developed by Bondtech, is the simplest way to increase the performance of your Raise3D N1/N2/N2+ machine in a matter of minutes. This new revolution in design utilizes the proven Bondtech Dual Drive Technology with precision CNC-manufactured parts. This gives the market's best feeder performance and reliability. The upgrade allows you to prototype even faster and print with peace of mind.”

Compatibility

The upgrade is compatible with the following machines:

Raise3D N1/N2/N2+ Dual printer. Raise3D N1/N2/N2+ Single printer

Updated Info

Information missing on the guide, as alerted by users, is added in Steps below the Featured Document window.

Guide Organization

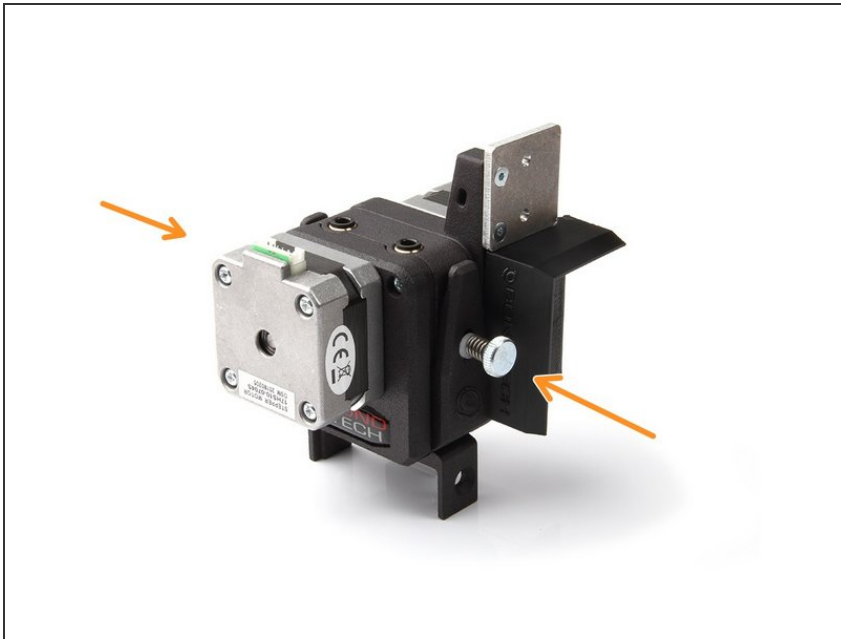
- Page 3-6; Uninstalling the original extruder.
- Page 7-13; Installation of DualDirect extruder
- Page 14-18; Installation of SingleDirect extruder.

You will need this :

TOOLS:

- [2.0mm Hex Key](#) (1)
 - [2.5mm Hex Key](#) (1)
 - [3.0mm Hex Key](#) (1)
 - [Hobby Knife](#) (1)
 - [Pliers](#) (1)
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Step 1 — About the ThumbScrews



- The Bondtech Raise3D DualDirect extruder has 2 thumbscrews.
- ⓘ They serve to adjust the pressure each floating drive gear makes on the filament.
- ⚠ Tighten them all the way in and then untighten...
 - ⚠ ... 1 to 2 turns when using hard filament.
 - ⚠ ... 3 to 4 turns when using soft filament (flexible).