



01. Raise3D SingleDirect

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.

Written By: Joel Lennartsson



INTRODUCTION

Bondtech's Product Page

This Guide relates to this Raise3D SingleDirect 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

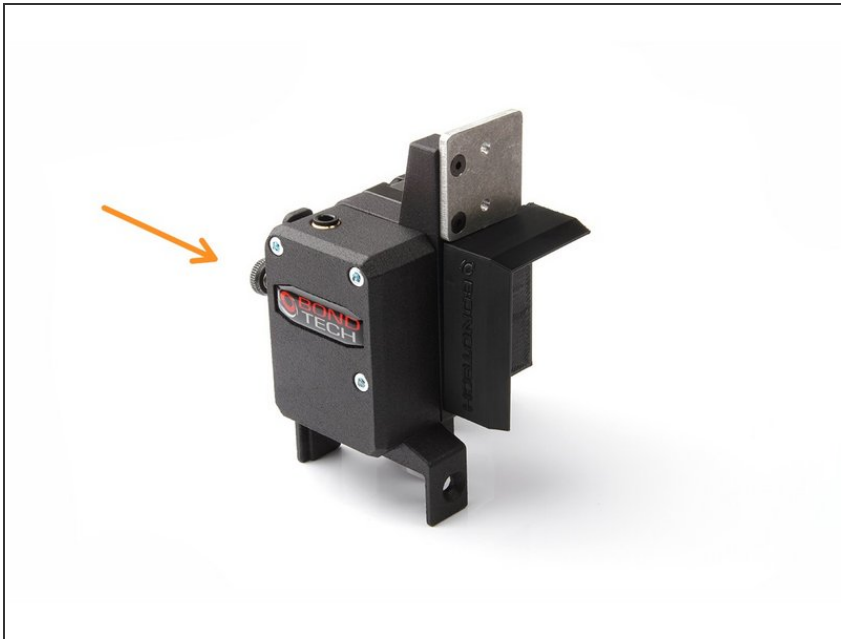
- Page 3-6; Uninstalling the original extruder.
- Page 7-13; Installation of DualDirect extruder
- Page 14-18; Installation of SingleDirect extruder.

You will need :

TOOLS:

- [2.0mm Hex Key](#) (1)
 - [2.5mm Hex Key](#) (1)
 - [3.0mm Hex Key](#) (1)
 - [Hobby Knife](#) (1)
 - [Pliers](#) (1)
-

Step 1 — About the ThumbScrew



- The Bondtech Raise3D SingleDirect extruder has 1 thumbscrew.
- ⓘ It serves to adjust the pressure the floating drive gear makes on the filament.
- ⚠ Tighten it all the way in and then untighten...
 - ⚠ ... 1 to 2 turns when using hard filament.
 - ⚠ ... 3 to 4 turns when using soft filament (flexible).