



Ultimaker 2+/3: Changing the Filament

Explains how to change filament for the Ultimaker 2+ and 3 printers

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Introduction

This guide will explain the steps needed to change the filament on the Ultimaker 2+ or 3.

Sources: [Changing the material and nozzle on the Ultimaker 2+](#), [Changing materials and print cores on the Ultimaker 3](#)

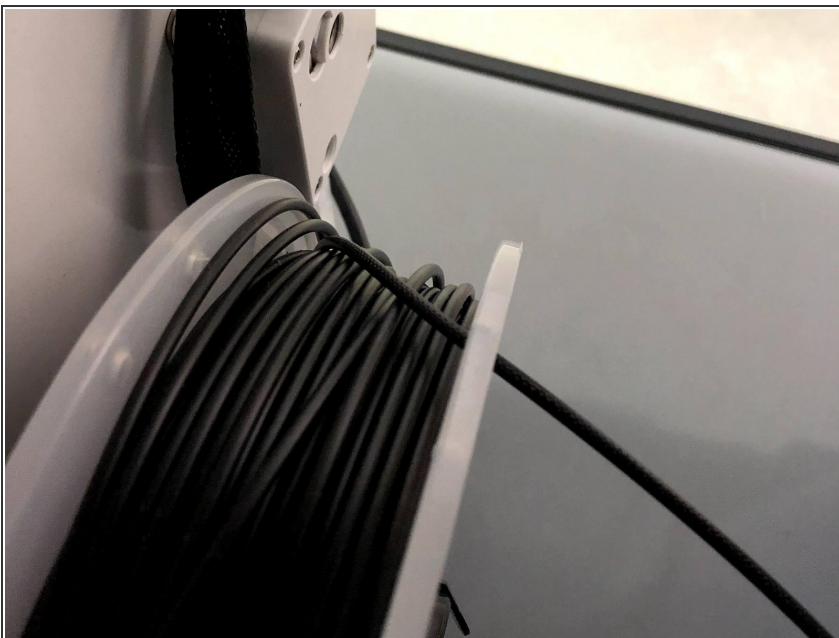
Pictures by: Nico Lagendyk

Step 1 — Unload Filament



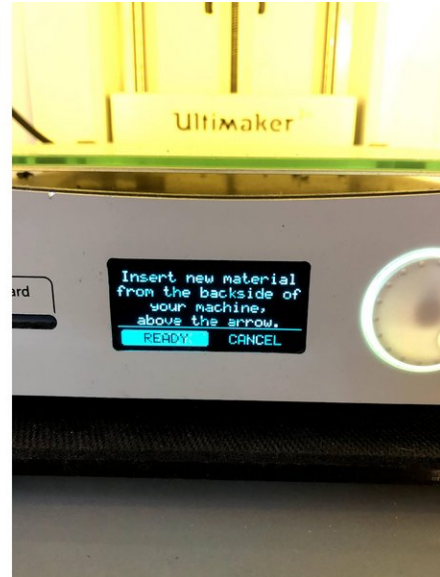
- Press the **dial** to wake the machine if it is not already
- Select **Material**
- Select **Change**
- Wait for the printer to warm up

Step 2 — Exchange Filament Spools



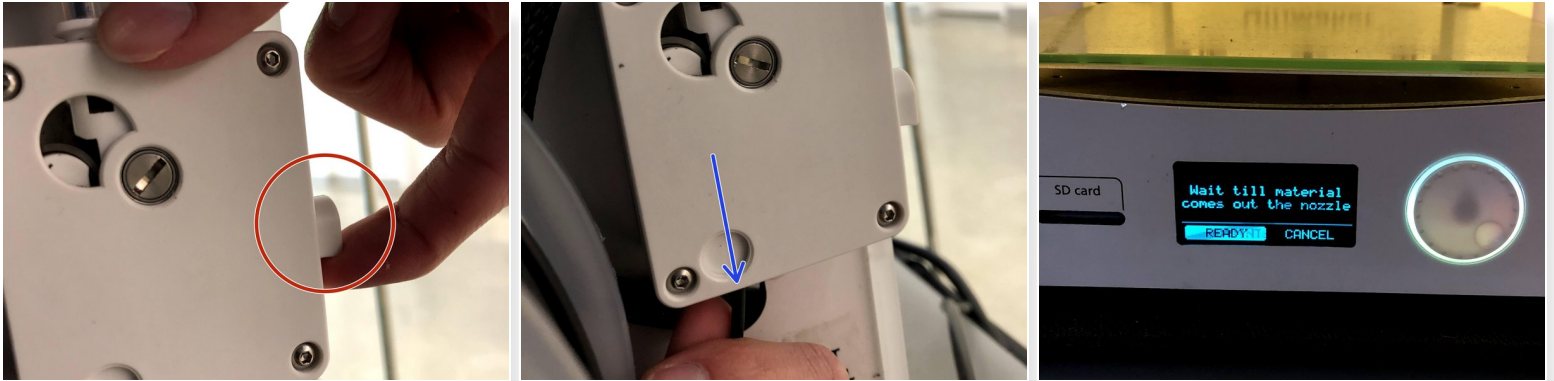
- Remove the material from the feeder
- Remove the spool from the spool holder
 - Make sure to loop the end of the filament through the spool holder to prevent tangles
- Put the new spool on the spool holder

Step 3 — Load Filament



- Cut the filament at an angle
- Press the **ready** on the menu

Step 4 — Load Filament II



- Pull the lever on the back drive assembly to release the friction gear
- Push the filament into the back drive assembly
- Press the **dial** when the gears have grabbed on to forward the filament
- Press the **dial** again once the filament is extruding