

START HERE



MakerBot Labs

# Experimental Extruder

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QUICK START GUIDE

COMPATIBLE WITH



**MakerBot**  
Replicator+



**MakerBot**  
Replicator



**MakerBot**  
Replicator Mini+



**MakerBot**  
Replicator Mini



**MakerBot**  
Replicator Z18

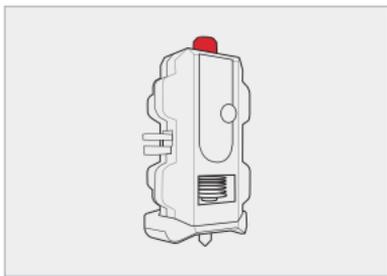
## WELCOME TO MAKERBOT LABS



Welcome to the MakerBot Labs community. Take the first step in your journey by visiting ([MakerBot.com/labs](https://www.MakerBot.com/labs)) and explore what's possible with the Experimental Extruder.

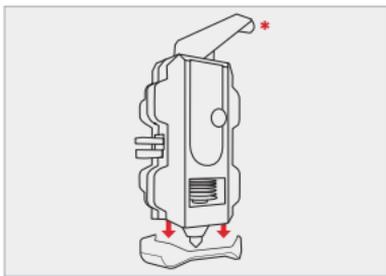
\*The Experimental Extruder is an experimental product and is not covered under warranty or MakerCare.

### CONFIGURE EXTRUDER



#### **Replicator+ / Replicator Replicator Mini+ / Replicator Mini**

Pull up to remove the top swivel clip. Then add the plastic top cap located in the bag of nozzles.



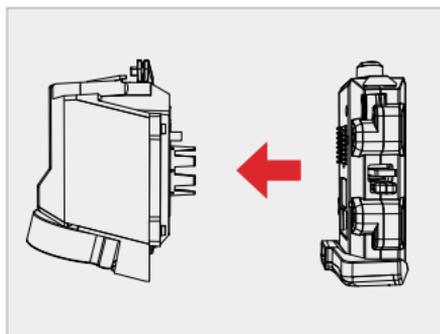
#### **Replicator Z18**

Remove the active cooling duct from the bottom of the extruder.

\*While the swivel clip is recommended for traditional applications, different types of filament may work better without it attached

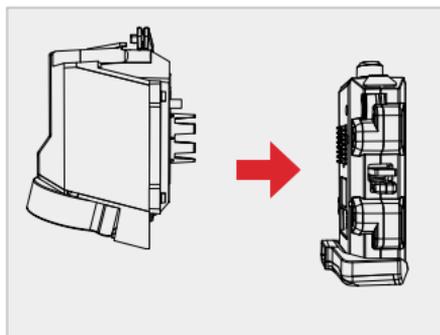
**CAUTION:** Read all warnings and safety instructions before use.

## ATTACHING YOUR EXTRUDER



### A. Attach the Experimental Extruder.

Locate and unwrap the Experimental Extruder and press it against the back of the extruder carriage, with the connector pins facing the front of the printer. Magnets will lock the extruder into place.



### B. Detach the Experimental Extruder.

Unload any filament and wait for the extruder to cool to 50°C. Pull the Experimental Extruder away from the extruder carriage.

For additional info, questions, instructions, and recommended settings, visit [MakerBot.com/labs](http://MakerBot.com/labs).

**CAUTION:** Never remove the MakerBot Experimental Extruder from your printer during or immediately after printing. Always allow the Experimental Extruder to cool to 50° C before handling it.

**PATENTS:** [www.makerbot.com/legal/patents](http://www.makerbot.com/legal/patents)



**LABS**