



## Prusa MK3S MMU2S purge bucket for V6 and Volcano with internal adjustable preload Spring



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### Summary

with internal adjustable preload Spring i redesigned the Parts for easy print and robust Parts

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### **Prusa MK3S MMU2S purge bucket for V6 and Volcano remix with internal adjustable preload Spring**

It's a remix from Forfelet

[https://www.prusaprinters.org/prints/50588-prusa-mk3s-mmu2s-purge-bucket-\\_new-version](https://www.prusaprinters.org/prints/50588-prusa-mk3s-mmu2s-purge-bucket-_new-version)

i redesigned the Parts for easy print and robust Parts

Now, this purge bucket can be installed on all X axis versions (stock, Bear, ...)

Z-axis top right should be used from Forfelet.

z-axis-top-right\_updated\_for\_bucket.stl

### **Don't print the Holder lying flat.**

Holder : supports everywhere

Spacer: supports from build plate only

Trigger: no supports

Bucket: supports from build plate only

### **Materials needed:**

- M3 screw inside Holder length deepens on spring length to get tension
- M3 Nut
- 1 Spring max 5 mm diameter length 40 - 60 mm (may look for pen spring)
- 1 screw M3x20 for trigger, but you can use the trigger without screw with stock extruder (not tested on others)

### **use Forfelet mounting and Software instructions. HARDWARE PART :**

only difference

1. Add screw ,Nut and spring inside holder
2. Add Trigger with screw in Holder ( need adjustment after the installation)
3. Add Spacer
4. Remove Z-axis top right
5. Remove rod 8mm
6. Install holder with spacer and trigger
7. Put the rod 8mm (be careful with bearing)
8. Replace Z-axis top right by the new part
9. Check rotation if it's free. It's NOK, check that all supports on holder are removed. (I know, it's not easy...)
10. Adjust position of the bucket and the screw on the trigger and pretension the internal Spring.

Perform a Calibration Z.

It's finished for the Hardware part!

for Software Slicer setting's

look for Forfelet Prusa MK3S MMU2S purge bucket \_NEW version

I couldn't test it right now!

Prusaslicer crashes when I paste the toolchange gcode and slice a part.

I hope to find the solution for this soon..

## This remix is based on



**Prusa MK3S MMU2S purge bucket \_NEW version**

by Forfelet

## Model files



**z-axis-top-right\_updated\_for\_bucket.stl**



**trigger.stl**



**spacer.stl**



**holder-with-holes-for-x-axis.stl**



**bucket.stl**



**bucket\_v2-volcano.stl**



**spacer\_volcano.stl**

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**trigger\_without\_screw-for-stock-only.stl**

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**z-axis\_volcano\_top\_updated\_for\_bucket.stl**

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