

## sidewinder X2 gantry filament lead



JK

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updated 3. 7. 2023 | published 3. 7. 2023

## Summary

Filament lead for factory injection molded top of gantry

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### Updates and warnings:

- **(Warning) V2** - forgot to unhide rollers in some 3d models updated. They are the same as th V1, so They can be downloaded from different stl. Sorry for inconvenience
- **(Update) V2** - Redesigned known problems:
  1. Redesigned mount so it does not crash with carriage
  2. Made it longer, so everything is higher (even stock mounting point of sensor could clog up because of small space above carriage)
  3. Added Honeycomb versions to both redesigned leads
  4. Filled up empty space on Sensor holding arm
- **(Warning) V1** - 02.07.23 - tested max print height (400mm) with mounted lead. Needed redesign for mounting bracket, because it crashes with hotend carriage about at 380mm and above.

2 types of filament lead specific for this 3d printer.

1 bearing is for situations where spool is below gantry.

2 bearing is for situations where spool is on gantry level or above.

Both separated to objects in slicer and printed on flat side. Shouldnt need any support (my printer not perfectly calibrated didnt need any).





no additional screws needed. Just 608 bearings (metric designed) - 1 or 2 depending on what type you need. Runout sensor uses same screw as factory spool holder.

Didnt test it yet, because i need to make honeycomb wall spool holder that is straight, so im waiting for comments :)

- Comments still appreciated after v2 update

Hope this files make Your gantry lighter, thus better print quality :)

## Model files

V2 Full fill		4 files
	<b>2-bearing-lead.step</b>	
	<b>1-bearing-lead.step</b>	
	<b>1-bearing-lead.stl</b>	
	<b>2-bearing-lead.stl</b>	
V2 Honeycomb		4 files



**2-bearing-lead.step**



**1-bearing-lead.stl**



**2-bearing-lead.stl**



**1-bearing-lead.step**



**V1**

4 files



**2-bearing-lead.step**



**2-bearing-lead.stl**



**1-bearing-lead.stl**



**1-bearing-lead.step**

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