

3D MODEL ONLY



## XL printable parts



Prusa Research

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## Summary

Original Prusa XL printable parts

[3D Printers](#) > [Other Printer Parts & Upgrades](#)

All printable parts for your **Original Prusa XL**. The parts are divided into folders based on subassemblies.


## Print instructions

- ATTENTION: Two materials (PETG and Polycarbonate) are recommended for the printable parts. Read the following list carefully.
- Download the latest **PrusaSlicer**
- For **0.6 nozzle**
  - Parts from **PC Blend Carbon Fiber**
    - print settings\*\*: 0.25mm QUALITY, 4 perimeters, 30% Grid infill
    - list of parts:
      - x-carriage
      - y-carriage-left-base
      - y-carriage-left-top
      - y-carriage-right-top
      - y-carriage-right-base
  - Parts from **PETG**
    - print settings\*\*: 0.25mm QUALITY, 15% Grid infill

- list of parts:
  - all the parts except the ones mentioned above
- For **0.4 nozzle**
  - Parts from **PC Blend Carbon Fiber**
    - print settings\*\*: 0.20mm STRUCTURAL, 4 perimeters, 30% Grid infill
    - list of parts:
      - x-carriage
      - y-carriage-left-base
      - y-carriage-left-top
      - y-carriage-right-top
      - y-carriage-right-base
  - Parts from **PETG**
    - print settings\*\*: 0.20mm STRUCTURAL, 15% Grid infill
    - list of parts:
      - all the parts except the ones mentioned above

\*\* Note that print settings are recommended, but you can experiment with your own.


## Model files



**Frame Bottom**


6 files

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**frame-rear-cover.stl**  
☐ Print 2 pcs

---




**frame-rear-cover.stp**  
☐ STEP

---



**frame-front-cover.stl**  
☐ Print 2 pcs

---



**frame-front-cover.stp**  
☐ STEP

---



### frame-rear-insert.stl

☐ Print 2 pcs



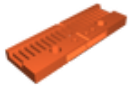
### frame-rear-insert.stp

☐ STEP



## Core XY

28 files



### belt-clamp.stl

☐ Print 2 pcs



### belt-clamp.stp

☐ STEP



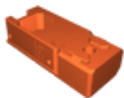
### corexy-tensioner.stl

☐ Print 2 pcs



### corexy-tensioner.stp

☐ STEP



### corexy-front-right.stl

☐ Print 1 pc



### corexy-front-right.stp

☐ STEP



### corexy-front-left.stl

☐ Print 1 pc



### **corexy-front-left.stp**

☐ STEP



### **corexy-back-right-top.stl**

☐ Print 1 pc



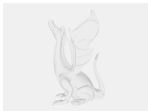
### **corexy-back-right-top.stp**

☐ STEP



### **corexy-back-left-top.stl**

☐ Print 1 pc



### **corexy-back-left-top.stp**

☐ STEP



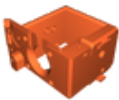
### **corexy-back-left.stl**

☐ Print 1 pc



### **corexy-back-left.stp**

☐ STEP



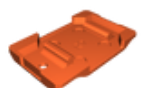
### **corexy-back-right.stl**

☐ Print 1 pc



### **corexy-back-right.stp**

☐ STEP



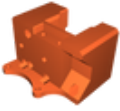
### **x-carriage-cover.stl**

☐ Print 1 pc



### **x-carriage-cover.stp**

☐ STEP



### **x-carriage.stl**

☐ Print 1 pc | Material: PCCF



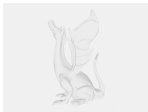
### **x-carriage.stp**

☐ STEP



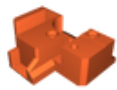
### **y-carriage-left-base.stl**

☐ Print 1 pc | Material: PCCF



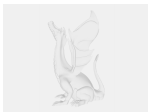
### **y-carriage-left-base.stp**

☐ STEP



### **y-carriage-left-top.stl**

☐ Print 1 pc | Material: PCCF



### **y-carriage-left-top.stp**

☐ STEP



### **y-carriage-right-top.stl**

☐ Print 1 pc | Material: PCCF



### **y-carriage-right-top.stp**

☐ STEP



### **y-carriage-right-base.stl**

☐ Print 1 pc | Material: PCCF



### **y-carriage-right-base.stp**

☐ STEP



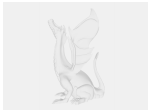
## Z-Axis

4 files



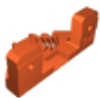
### z-motor-cable-bottom-cover.stl

☐ Print 2 pcs



### z-motor-cable-bottom-cover.stp

☐ STEP



### z-axis-bearing-housing.stl

☐ Print 2 pcs



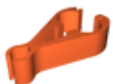
### z-axis-bearing-housing.stp

☐ STEP



## Nextruder single tool

34 files



### cable-clip-click.stl

☐ Print 5 pcs



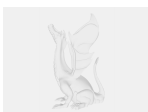
### cable-clip-click.stp

☐ STEP



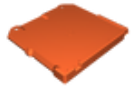
### dock-cable-router\_single\_tool\_adapter.stl

☐ Print 1 pc



### dock-cable-router\_single\_tool\_adapter.stp

☐ STEP



### **dwarf-cover-back.stl**

☐ Print 1 pc

---



### **dwarf-cover-back.stp**

☐ STEP

---



### **dwarf-cover-door.stl**

☐ Print 1 pc

---



### **dwarf-cover-door.stp**

☐ STEP

---



### **dwarf-cover-connector.stl**

☐ Print 1 pc

---



### **dwarf-cover-connector.stp**

☐ STEP

---



### **dock-cable-router.stl**

☐ Print 1 pc | Version A

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### **dock-cable-router.stl**

☐ Print 1 pc | Version B

---



### **dock-cable-router.stp**

☐ STEP | Version B

---



### **extruder-front-case.stl**

☐ Print 1 pc | 4 holes

---



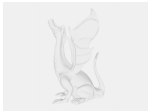
### **extruder-front-case.stl**

☐ Print 1 pc | 3 holes



### **extruder-main-plate-xl.stl**

☐ Print 1 pc



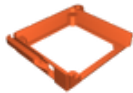
### **extruder-main-plate-xl.stp**

☐ STEP



### **extruder-spacer.stl**

☐ Print 1 pc



### **fan-cover.stl**

☐ Print 1 pc



### **fan-cover.stp**

☐ STEP



### **fan-shroud.stl**

☐ Print 1 pc



### **fan-shroud.stp**

☐ STEP



### **idler-nut.stl**

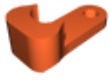
☐ Print 1 pc



### **idler-nut.stp**

☐ STEP





### idler-swivel.stl

☐ Print 2 pcs



### idler-swivel.stp

☐ STEP



### idler-lever-b.stl

☐ Print 1 pc



### idler-lever-b.stp

☐ STEP



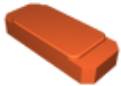
### idler-lever-a.stl

☐ Print 1 pc



### idler-lever-a.stp

☐ STEP



### sandwich-board-support.stl

☐ Print 1 pc



### sandwich-board-support.stp

☐ STEP



### dwarf-cover-base.stl

☐ Print 1 pc



### dwarf-cover-base.stp

☐ STEP



## Tool Changer

10 files



### dock-cable-router-parking-plate-support.stl

☐ Print 1 pc for every dock | Dock Version A



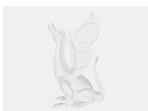
### dock-cable-router-parking-plate-cap.stl

☐ Print 1 pc for every dock | Dock Version A



### dock-cable-router-parking-plate-support.stl

☐ Print 1 pc for every dock | Dock Version B



### dock-cable-router-parking-plate-support.stp

☐ STEP | Dock Version B



### dock-cable-router-parking-plate-cap.stl

☐ Print 1 pc for every dock | Dock Version B



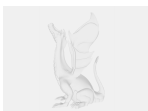
### dock-cable-router-parking-plate-cap.stp

☐ STEP | Dock Version B



### parking-tool-finger-guide.stl

☐ Print 1 pc for every dock



### parking-tool-finger-guide.stp

☐ STEP



### hotend-fan-shield.stl

☐ Print 1 pc for every dock



### hotend-fan-shield.stp

☐ STEP



## Heatbed

12 files



### bed-energy-chain-mount-clip.stl

☐ Print 1 pc



### bed-controller-mount-front.stl

☐ Print 1 pc



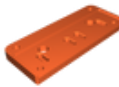
### bed-controller-mount-front.stp

☐ STEP



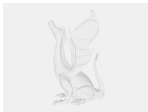
### bed-controller-mount-rear.stl

☐ Print 1 pc | without Modular Bed PCB Shield



### bed-controller-mount-rear.stl

☐ Print 1 pc | with Modular Bed PCB Shield



### bed-controller-mount-rear.stp

☐ STEP | with Modular Bed PCB Shield



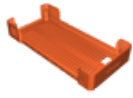
### bed-energy-chain-mount.stl

☐ Print 1 pc



### bed-energy-chain-mount.stp

☐ STEP



### bed-controller-case.stl

☐ Print 1 pc



### bed-controller-case.stp

☐ STEP



### frame-energy-chain-mount.stl

☐ Print 1 pc



### frame-energy-chain-mount.stp

☐ STEP



## Frame Rear

26 files



### electronics-case-ejector.stl

☐ Print 4 pcs



### electronics-case-ejector.stp

☐ STEP



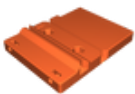
### electronics-case-holder.stl

☐ Print 2 pcs



### electronics-case-holder.stp

☐ STEP



### electronics-case-rail-l.stl

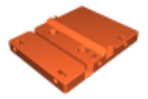
☐ Print 1 pc



### **electronics-case-rail-l.stp**

☐ STEP

---



### **electronics-case-rail-r.stl**

☐ Print 1 pc

---



### **electronics-case-rail-r.stp**

☐ STEP

---



### **ethernet-cover.stl**

☐ Print 1 pc

---



### **ethernet-cover.stp**

☐ STEP

---



### **mounting-insert-spacer.stl**

☐ Print 1 pc

---



### **mounting-insert-spacer.stp**

☐ STEP

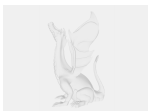
---



### **psu-cable-cover.stl**

☐ Print 2 pcs for each PSU

---



### **psu-cable-cover.stp**

☐ STEP

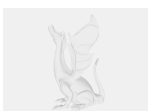
---



### **rear-cable-management-plug.stl**

☐ Print 1 pc

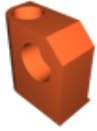
---



### **rear-cable-management-plug.stp**

☐ STEP

---



### **psu-upper-cover-mount.stl**

☐ Print 1 pc for each PSU



### **psu-upper-cover-mount.stp**

☐ STEP



### **psu-cover.stl**

☐ Print 1 pc for each PSU



### **psu-cover.stp**

☐ STEP



### **switch-cover.stl**

☐ Print 1 pc for each PSU



### **switch-cover.stp**

☐ STEP



### **cable-cover-cap-l-left.stl**

☐ Print 1 pc



### **cable-cover-cap-l-left.stp**

☐ STEP



### **cable-cover-cap-l-right.stl**

☐ Print 1 pc



### **cable-cover-cap-l-right.stp**

☐ STEP



## LCD

12 files



**knob.stl**

☐ Print 1 pc



**knob.stp**

☐ STEP



**xlcd-cable-bottom-cover.stl**

☐ Print 1 pc



**xlcd-cable-bottom-cover.stp**

☐ STEP



**xlcd-support-left.stl**

☐ Print 1 pc



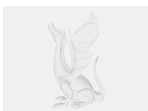
**xlcd-support-left.stp**

☐ STEP



**xlcd-cable-bottom-holder.stl**

☐ Print 1 pc



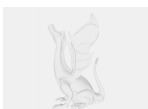
**xlcd-cable-bottom-holder.stp**

☐ STEP



**xlcd-cover.stl**

☐ Print 1 pc



**xlcd-cover.stp**

☐ STEP



### xlcd-support-right.stl

☐ Print 1 pc



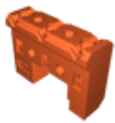
### xlcd-support-right.stp

☐ STEP



## Filament Sensor

4 files



### entry-fs-insert.stl

☐ Print 1 pc



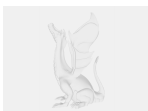
### entry-fs-insert.stp

☐ STEP



### entry-fs-case.stl

☐ Print 1 pc



### entry-fs-case.stp

☐ STEP



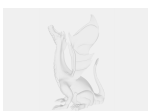
## Spool Holder

6 files



### telescopic-spoolholder-base.stl

☐ Print 1 pc for each Tool



### telescopic-spoolholder-base.stp

☐ STEP





### telescopic-spoolholder-mount.stl

☐ Print 1 pc for each Tool



### telescopic-spoolholder-mount.stp

☐ STEP



### telescopic-spoolholder-slider.stl

☐ Print 1 pc for each Tool



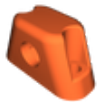
### telescopic-spoolholder-slider.stp

☐ STEP



## Wi-Fi Holders

4 files



### wifi-antenna-holder.stl

☐ Print 1 pc | Wi-Fi antenna on the side



### wifi-antenna-holder-r3.stl

☐ Print 1 pc | this part replaces rear-cable-management-plug



### wifi-antenna-holder-r4.stl

☐ Print 1 pc | this part replaces rear-cable-management-plug



### wifi\_antenna\_holder.stp

☐ STEP



## Others

8 files



### cover-clip.stl

☐ Print 20 pcs



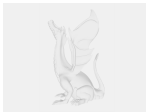
### cover-clip.stp

☐ STEP



### extrusion-cover.stl

☐ Print 2 pcs



### extrusion-cover.stp

☐ STEP



### torque-indicator.stl

☐ Print 1 pc



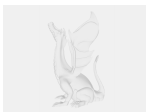
### allen-key-handle.stl

☐ Print 1 pc



### calibration-pin-key.stl

☐ Print 1 pc | Multi-Tool



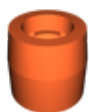
### calibration-pin-key.stp

☐ STEP



## Parts for maintenance

3 files



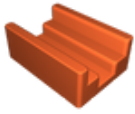
### tc\_greaser.stl

☐ Print 1 pc



### z\_thread\_greaser.stl

☐ Print 1 pc



### alignment-tool.stl

☐ Print 1 pc

## License

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