

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
 - entry-fs-insert
 - fan-shroud
 - dock-cable-router-parking-plate-cap

- dock-cable-router-parking-plate-support
- 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
 - entry-fs-insert
 - fan-shroud
 - dock-cable-router-parking-plate-cap
 - dock-cable-router-parking-plate-support
 - 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

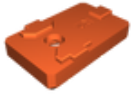
6 files



frame-rear-cover.stl
☐ Print 2 pcs | IS ready



frame-rear-cover.stp
☐ STEP



frame-front-cover.stl

Print 2 pcs | IS ready

frame-front-cover.stp

STEP



frame-rear-cover-insert.stl

Print 2 pcs | IS ready

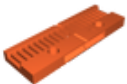
frame-rear-cover-insert.stp

STEP



Core XY

28 files



belt-clamp.stl

Print 2 pcs | IS ready | Material: PCCF

belt-clamp.stp

STEP



corexy-tensioner.stl

Print 2 pcs | IS ready

corexy-tensioner.stp

STEP

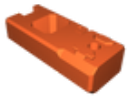


corexy-front-right.stl

Print 1 pc | IS ready

corexy-front-right.stp

 STEP



corexy-front-left.stl


 Print 1 pc | IS ready

corexy-front-left.stp

 STEP



corexy-back-right-top.stl

 Print 1 pc | IS ready

corexy-back-right-top.stp

 STEP



corexy-back-left-top.stl

 Print 1 pc | IS ready

corexy-back-left-top.stp

 STEP

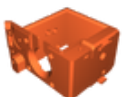


corexy-back-left.stl

 Print 1 pc | IS ready

corexy-back-left.stp

 STEP

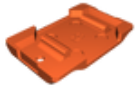


corexy-back-right.stl


 Print 1 pc | IS ready

corexy-back-right.stp

 STEP

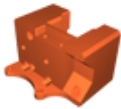


x-carriage-cover.stl

 Print 1 pc | IS ready

x-carriage-cover.stp

 STEP



x-carriage.stl

 Print 1 pc | Material: PCCF | IS ready

x-carriage.stp

 STEP



y-carriage-left-base.stl


 Print 1 pc | Material: PCCF | IS ready

y-carriage-left-base.stp

 STEP



y-carriage-left-top.stl

 Print 1 pc | Material: PCCF | IS ready

y-carriage-left-top.stp

 STEP



y-carriage-right-top.stl

 Print 1 pc | Material: PCCF | IS ready

y-carriage-right-top.stp

 STEP



y-carriage-right-base.stl

 Print 1 pc | Material: PCCF | IS ready

y-carriage-right-base.stp

 STEP



Z-Axis

4 files

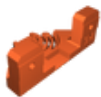


z-motor-cable-bottom-cover.stl

 Print 2 pcs | IS ready

z-motor-cable-bottom-cover.stp

 STEP



z-axis-bearing-housing.stl

 Print 2 pcs | IS ready

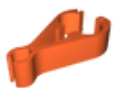
z-axis-bearing-housing.stp

 STEP



Nextruder single tool

35 files



cable-clip-click.stl


 Print 5 pcs | IS ready

cable-clip-click.stp

 STEP

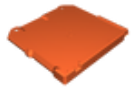


dock-cable-router_single_tool_adapter.stl

 Print 1 pc | IS ready

dock-cable-router_single_tool_adapter.stp

 STEP



dwarf-cover-back.stl


 Print 1 pc | IS ready

dwarf-cover-back.stp

 STEP



dwarf-cover-door.stl

 Print 1 pc | IS ready

dwarf-cover-door.stp

 STEP



dwarf-cover-connector.stl

 Print 1 pc | IS ready

dwarf-cover-connector.stp

 STEP



dock-cable-router.stl

 Print 1 pc | Version A



dock-cable-router.stl

 Print 1 pc | IS ready | Version B

dock-cable-router_r.stp

 STEP | Version B



extruder-front-case.stl

 Print 1 pc | 4 holes



extruder-front-case.stl

Print 1 pc | IS ready | 3 holes

extruder-front-case.stp

STEP | 3 holes



extruder-main-plate-xl.stl

Print 1 pc | IS ready

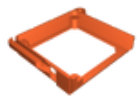
extruder-main-plate-xl.stp

STEP



extruder-spacer.stl

Print 1 pc



fan-cover.stl

Print 1 pc | IS ready

fan-cover.stp

STEP



fan-shroud.stl

Print 1 pc | IS ready | Material: PCCF

fan-shroud.stp

STEP

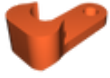


idler-nut.stl

Print 1 pc | IS ready | Material: PCCF

idler-nut.stp

STEP



idler-swivel.stl

Print 2 pcs | Material: PCCF

idler-swivel.stp

STEP



idler-lever-a.stl

Print 1 pc | IS ready | Material: PCCF

idler-lever-a.stp

STEP

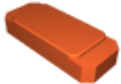


idler-lever-b.stl

Print 1 pc | IS ready | Material: PCCF

idler-lever-b.stp

STEP

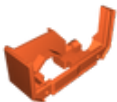


sandwich-board-support.stl

Print 1 pc | IS ready

sandwich-board-support.stp

STEP



dwarf-cover-base.stl

Print 1 pc | IS ready

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 | Material: PCCF



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

☐ Print 1 pc for every dock | Dock Version A | Material: PCCF



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

☐ Print 1 pc for every dock | IS ready | Dock Version B | Material: PCCF

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

☐ STEP | Dock Version B



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

☐ Print 1 pc for every dock | IS ready | Dock Version B | Material: PCCF

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

☐ STEP | Dock Version B



parking-tool-finger-guide.stl

☐ Print 1 pc for every dock | IS ready

parking-tool-finger-guide.stp

☐ STEP



tc-hotend-fan-shield.stl

☐ Print 1 pc for every dock | IS ready

tc-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 | IS ready

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 | IS ready | with Modular Bed PCB Shield

bed-controller-mount-rear.stp

 STEP | with Modular Bed PCB Shield

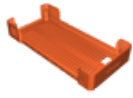


bed-energy-chain-mount.stl

 bed-energy-chain-mount

bed-energy-chain-mount.stp

 STEP

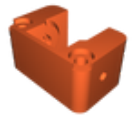


bed-controller-case.stl

Print 1 pc

bed-controller-case.stp

STEP



frame-energy-chain-mount.stl

Print 1 pc | IS ready

frame-energy-chain-mount.stp

STEP



Frame Rear

26 files

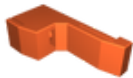


electronics-case-ejector.stl

Print 4 pcs | IS ready

electronics-case-ejector.stp

STEP

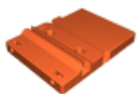


electronics-case-holder.stl

Print 2 pcs | IS ready

electronics-case-holder.stp

STEP

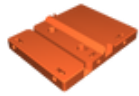


electronics-case-rail-l.stl

Print 1 pc | IS ready

electronics-case-rail-l.stp

 STEP



electronics-case-rail-r.stl


 Print 1 pc | IS ready

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 | IS ready

psu-cable-cover.stp

 STEP



rear-cable-management-plug.stl

 Print 1 pc | IS ready

rear-cable-management-plug.stp

 STEP



psu-upper-cover-mount.stl

☐ Print 1 pc for each PSU | IS ready

psu-upper-cover-mount.stp

☐ STEP



psu-cover.stl

☐ Print 1 pc for each PSU | IS ready

psu-cover.stp

☐ STEP



switch-cover.stl

☐ Print 1 pc for each PSU | IS ready

switch-cover.stp

☐ STEP



cable-cover-cap-l-left.stl

☐ Print 1 pc | IS ready

cable-cover-cap-l-left.stp

☐ STEP



cable-cover-cap-l-right.stl

☐ Print 1 pc | IS ready

cable-cover-cap-l-right.stp

☐ STEP



LCD

12 files



knob.stl

☐ Print 1 pc | IS ready

knob.stp

☐ STEP



xlcd-cable-bottom-cover.stl

☐ Print 1 pc | IS ready

xlcd-cable-bottom-cover.stp

☐ STEP



xlcd-support-left.stl

☐ Print 1 pc | IS ready

xlcd-support-left.stp

☐ STEP



xlcd-support-right.stl

☐ Print 1 pc | IS ready

xlcd-support-right.stp

☐ STEP



xlcd-cable-bottom-holder.stl

☐ Print 1 pc | IS ready

xlcd-cable-bottom-holder.stp

☐ STEP



xlcd-cover.stl

☐ Print 1 pc | IS ready

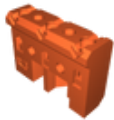
xlcd-cover.stp

☐ STEP



Filament Sensor

4 files



entry-fs-insert.stl

☐ Print 1 pc | Material: PCCF | IS ready

entry-fs-insert.stp

☐ STEP



entry-fs-case.stl

☐ Print 1 pc | IS ready

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

10 files



cover-clip.stl

Print 20 pcs | IS ready

cover-clip.stp

STEP



extrusion-cover.stl

Print 2 pcs

extrusion-cover.stp

STEP



torque-indicator.stl

torque-indicator.stp



allen-key-handle.stl

allen-key-handle.stp



calibration-pin-key.stl

Print 1 pc | Multi-Tool

calibration-pin-key.stp

STEP



Parts for maintenance

4 files



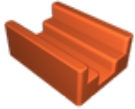
tc_greaser.stl

☐ Print 1 pc



z_thread_greaser.stl

☐ Print 1 pc



alignment-tool.stl

☐ Print 1 pc



pg-assembly-adapter.stl

☐ Printable only on XL & MK4 due tolerances | Print 1 pc

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