X series maintenance schedule

For the Bambu Lab X1 Carbon, X1E and X2D. Every interval on this sheet comes from Bambu Lab's own maintenance pages.

SERIES: A P **X** H

The schedule FIND YOUR COLUMN

Task	X1 series X1C, X1E	X2D
Nozzle wiper Free of filament debris, its PTFE side undamaged and lying flat.	**Before every print** replace it once it is damaged or deformed	**When damaged** replace it once it is damaged or deformed
Extruder gear and fans Look for filament dust on the extruder gear and debris on the part cooling fans; blow or brush it clean.	**Weekly**	–
Chamber camera lens Particles from printing settle on the lens and blur the live view.	**When blurred** weekly when you print ABS	**Every 6 months** more often when you print ABS
X axis X1: carbon rods, IPA or ethanol on a microfiber cloth, never oil or grease. X2D: wipe the shafts with IPA, then a thin film of oil.	**Check monthly** clean after every 5 kg of ABS/ASA or when ribbing appears, not more often	**By print time** see the table below; Y shafts at the same time
Z axis and Y/Z rods Clean and grease the Z lead screws; give the steel rods a thin film of oil.	**Every 3 months** Y/Z rods: check monthly, oil against rust	**By print time** see the table below
Activated carbon filter Replace the filter.	**Every 3 months** at about 8 hours of printing a day; monthly on a production machine	**When heavily contaminated**
Micro Lidar lens Wipe it gently with a microfiber cloth and a little IPA; a cotton swab helps.	**On a Lidar error** or when the laser looks abnormal; every 3 to 5 days with regular ABS	–
Filament cutter blade Check the blade; replace it when it is dull.	**Every 3 to 5 spools** PLA, PETG, ABS, PC; after 1 to 2 spools of PA-CF or PA-GF	**Every 8 to 12 spools** 6 to 10 with abrasive filaments
Linear bearings Bambu greases the Y/Z bearings at the factory.	**When noisy** abnormal ball noise: a little grease, slide back and forth	–
Belts Re-tension a belt when the calibration reports it as loose; replace a belt with obvious wear.	**When the printer warns**	**When the printer warns** wipe dirty belts during the X-axis cleaning

– = no interval for this model on the Bambu pages we cite. After axis work, run the full calibration from the printer screen.

Not on this sheet. X1E: the X1 series column follows Bambu's X1 maintenance page. For parts only the X1E has, follow Bambu Lab's wiki for the X1E.

Every X series printer SAME FOR EVERY MODEL

Hotend
When worn

Replace it when the tip is worn or damaged, or extrusion stays inconsistent after cleaning and calibration. Carbon fiber, glass fiber and particle-filled filaments need a hardened steel nozzle.

Nozzle buildup
When buildup shows

Wipe the tip with Bambu's Hotend Cleaning Sponge, used wet. Bambu says the sponge works with the nozzles of all its printers.

Textured PEI plate
When adhesion drops

Wash it with warm water and dish soap; Bambu prefers this to IPA alone, which can spread finger oils. Clean only a cool plate.

AMS PTFE tubes AMS
Every 2 months

Replace them every 2 months, monthly with abrasive filaments. Monthly, or as soon as wear shows, with carbon fiber or glow-in-the-dark filaments.

AMS wear parts AMS
When worn

Feeding funnel, active support shaft, desiccant. Bambu sets no fixed interval. Replace a badly worn funnel or a damaged support shaft.

X2D: axes by print time

Bambu ties the axis care of the X2D to how much you print, not to a fixed calendar. Z: clean the three lead screws and the shafts, grease the screws, oil the shafts, run the bed up and down.

Average print time per day	X and Y axes: clean and oil	Z axis: deep maintenance
5 hours or more	**Every month**	**Every 3 months**
1 to 5 hours	**Every 2 months**	**Every 4 months**
Under 1 hour	**Every 3 months**	**Every 5 months**

Sources BAMBU LAB WIKI, VERSION WE CITE

wiki.bambulab.com/en/x1/maintenance/basic-maintenance 2026-06-11
wiki.bambulab.com/en/general/carbon-rods-clearance 2025-05-19
wiki.bambulab.com/en/x2d/maintenance/periodic-maintenance 2026-04-22
wiki.bambulab.com/en/ams/maintenance/basic-maintenance 2026-03-20
wiki.bambulab.com/en/filament-acc/acc/pei-plate-clean-guide
wiki.bambulab.com/en/general/nozzle-cleaning-sponge

How to do each job, step by step:
bambuhub.net/guides/routine-maintenance

Independent resource for Bambu Lab owners, not affiliated with Bambu Lab. Intervals from the Bambu Lab Wiki pages listed above, as cited in our routine maintenance guide (updated October 11, 2026) and our planner at bambuhub.net/tools/maintenance. Bambu updates these pages: if your printer or Bambu's wiki says something else, follow Bambu.

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Scan for the guide