

Clean/Lubricate the X/Y/Z Axis of the 3d printers

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- Grab the cleaning kit. Located on the shelf in the 3d printer cabinet.
- Use the Z Axis cleaning device in the kit. If a replacement is needed:
<https://www.printables.com/model/229145-z-axis-screw-cleaning-device>
 - Drip some Isopropyl Alcohol on a paper towel.
 - Wrap the paper towel around the threaded rod.
 - Clip the Z Axis cleaning device around the paper towel and threaded rod.
 - Move the gantry up and down using the Z Axis Move option in the settings menu.
 - Be careful, the Prusa printers do not stop automatically at the top of travel, so approach the top with caution.
- Apply a dime sized amount of Lithium Grease to a paper towel and wipe up and down the Z Axis threaded rod.
- Move the gantry all the way up and all the way down using the Z Axis Move option (Go to settings in the menu, then move axis, z axis).
- Repeat the last two steps if the grooves of the threaded rod are not covered.
- Wipe off any excess grease.
- Turn off the printer.
- Clean the round linear rails of the X/Y/Z axis with a paper towel and alcohol.
- Apply a small amount of 3 in 1 oil to the rails and move the guides across the oil.
- Wipe any excess oil off.
- Inspect the belts for tension, when picked like a guitar string, they should lightly 'twang'. If they are loose or very tight, file a maintenance report.
- Return cleaning kit to tool tray.

Revision #3

Created 4 January 2026 21:25:27 by J N

Updated 6 February 2026 17:54:45 by Bookstack Admin