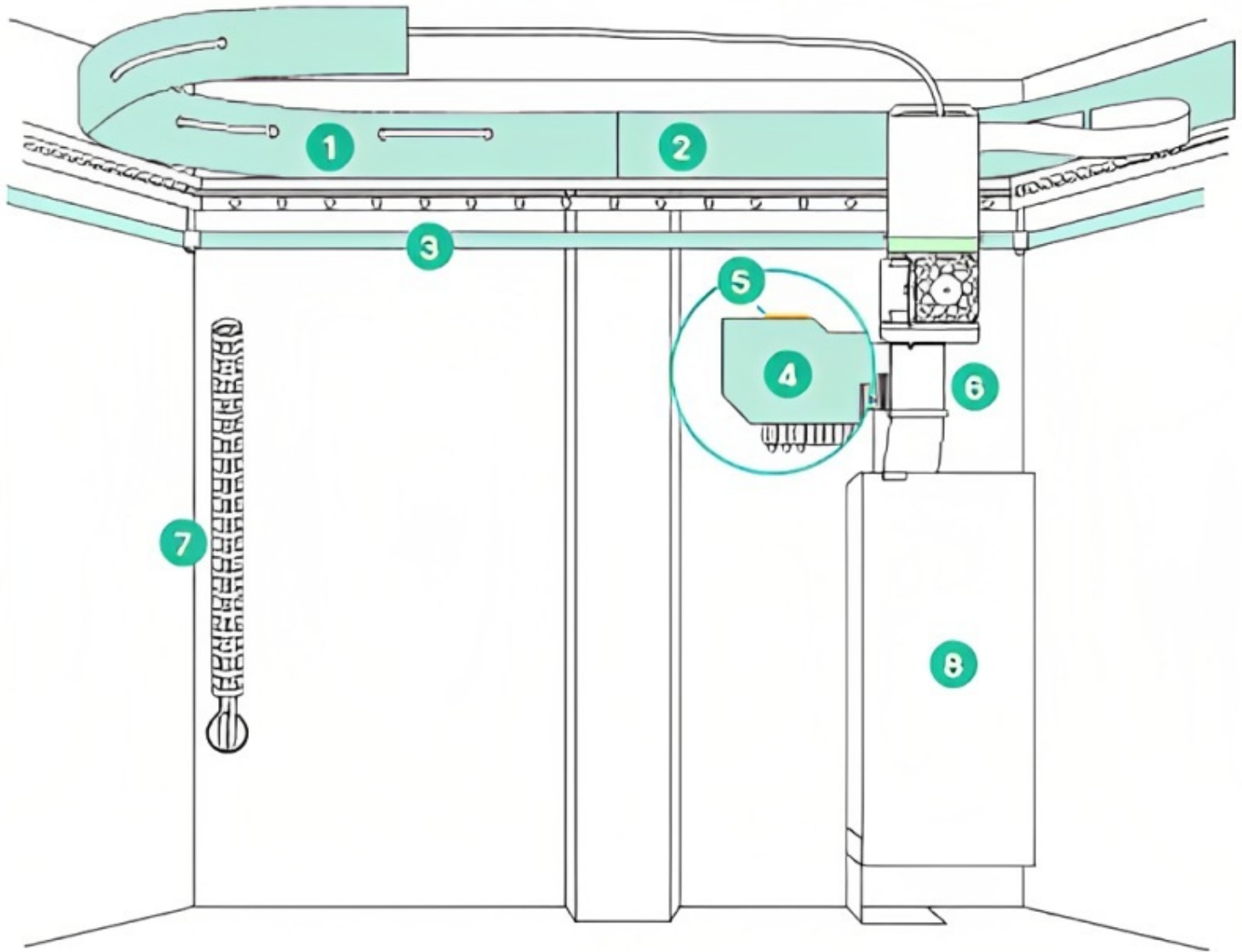




Lubricating Linear Rails and Ball Screws

How to lubricate and maintain the linear rails in your Element

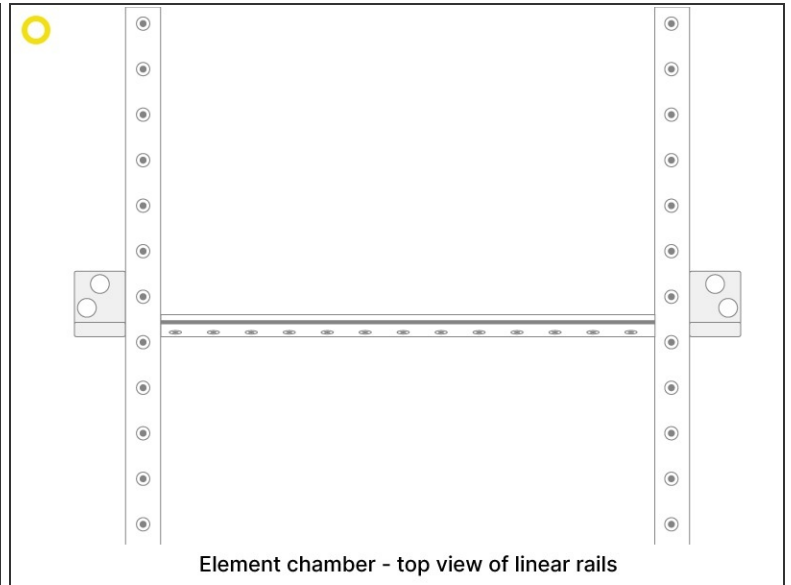
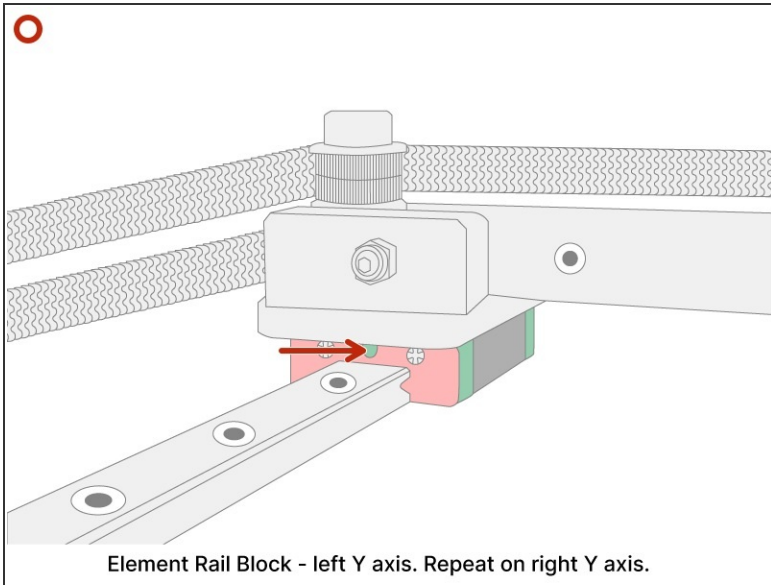
Written By: Guy Elston



 TOOLS:

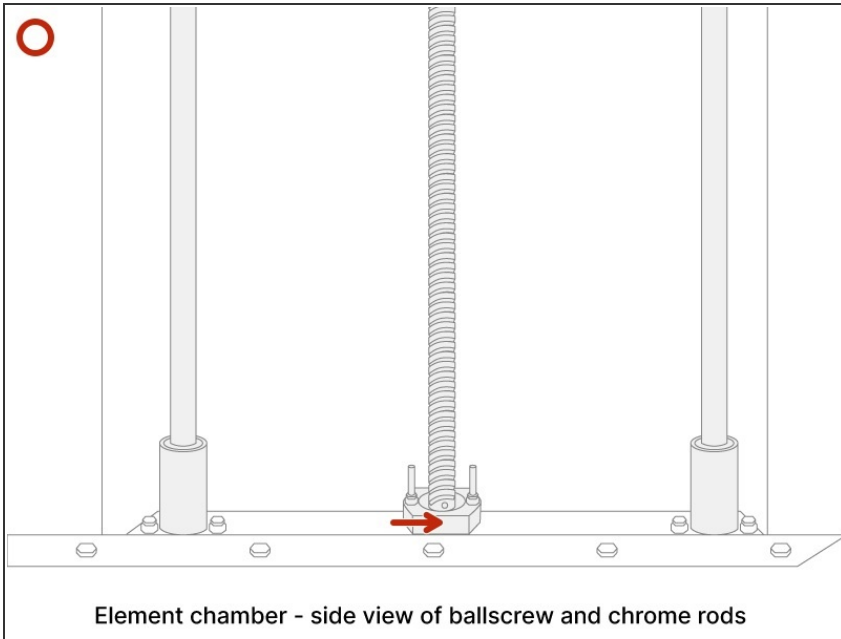
- [Lubricant](#) (1)

Step 1 — Applying Lubricant to Linear Rails



- Use a lithium grease or similar synthetic lubricant.
- Using a syringe or eyedropper tool, apply a small amount of lubricant inside the small eyehole of one linear block along the X axis (Printhead rail), and two linear blocks along the Y axes on the left and right side of the printer.
- Moving the printhead along the X and Y axes will help spread the lubricant.
- Full instructions for lubricating linear guideways and ball screws can be found [here](#).

Step 2 — Applying Lubricant to Ball Screws



- From inside the printer chamber's left and right sides, apply lubricant into the small eyehole on the ball screw assembly. Move bed up and down to distribute lubricant.