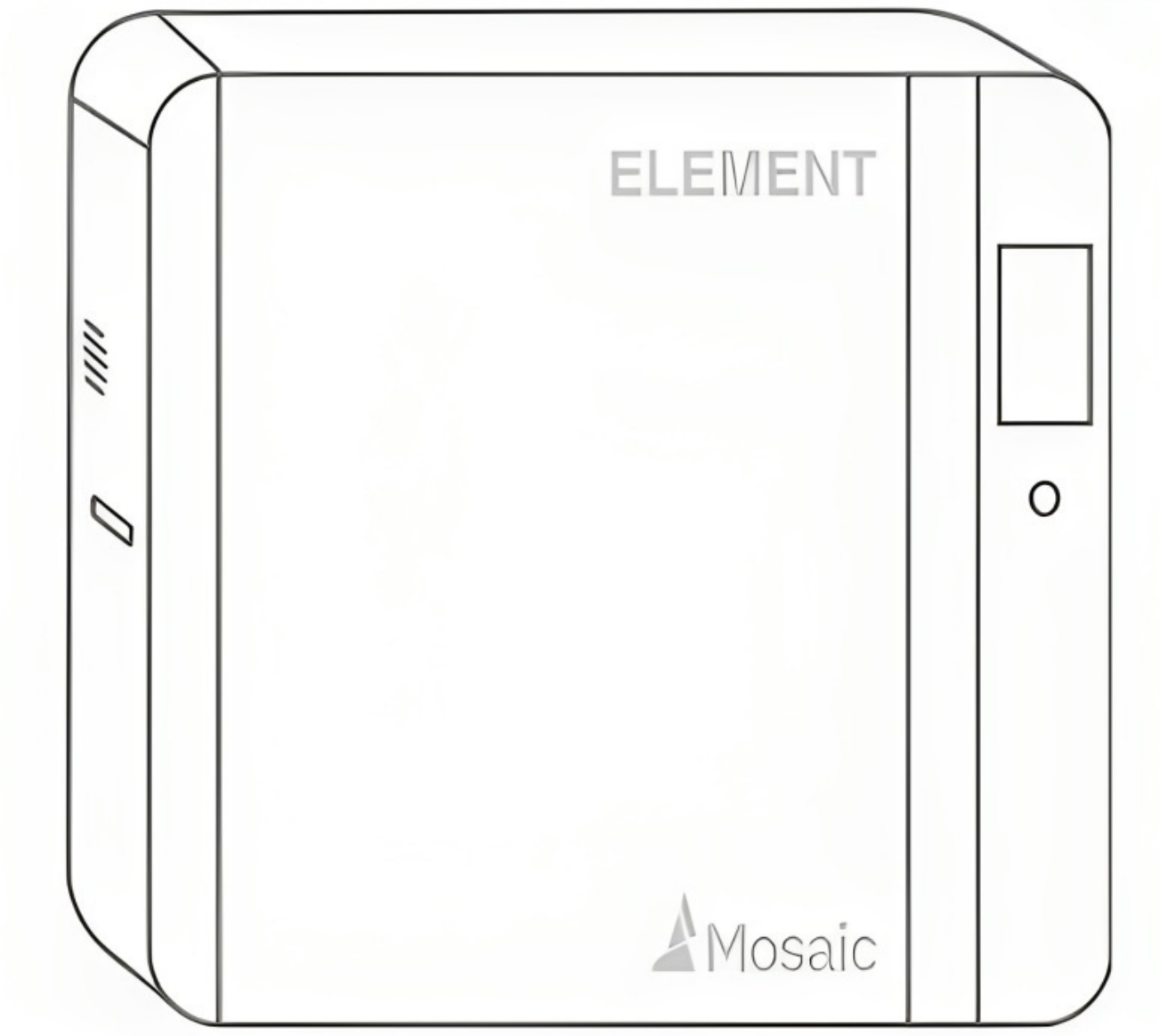
Z Homing Error

Testing and Resolving Element Z homing errors

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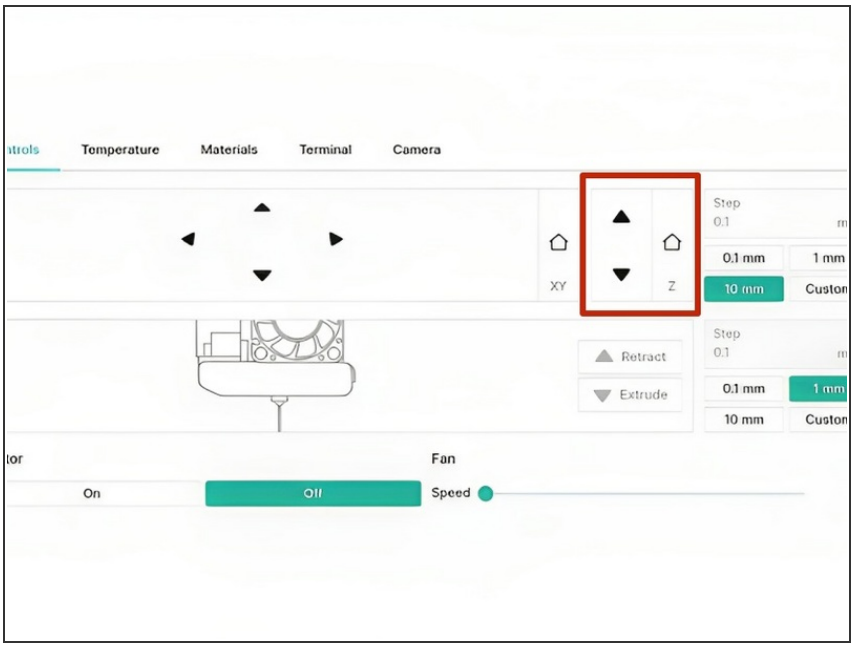
INTRODUCTION

If Element does not home Z correctly, first layer and print quality will be greatly affected.

These are instructions for identifying the cause and resolving the issue

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Step 1 — Test Z Homing

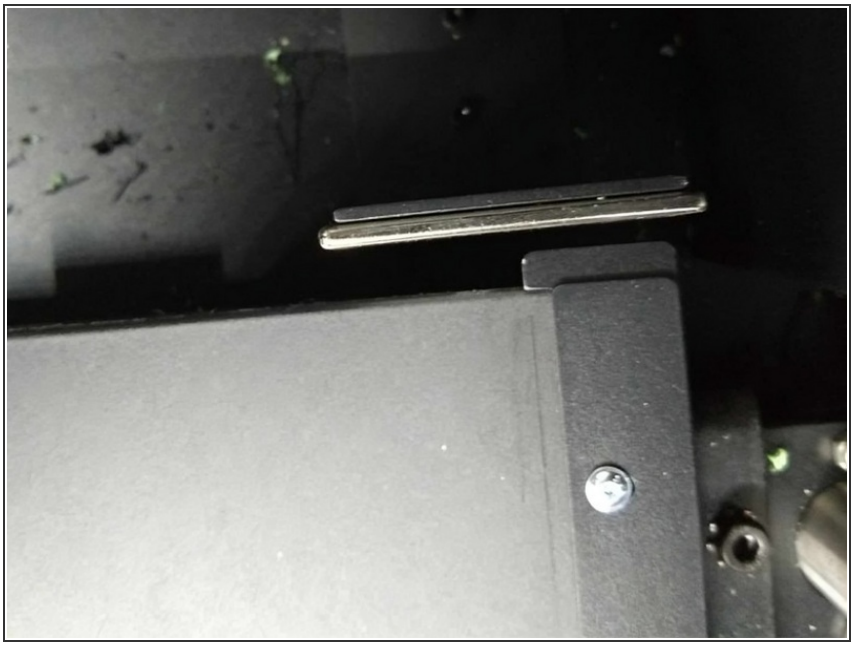


- Home Z under *Printer > Controls*

⚠ If the bed is at the very bottom of the printer, it will get stuck there. Powercycle the printer, then use the printer controls to move the bed up 20mm (2 presses). Power cycle the printer again, then Home Z

- The bed should move all the way to the top of the printer and contact the nozzle

Step 2 — False Homing at Bottom



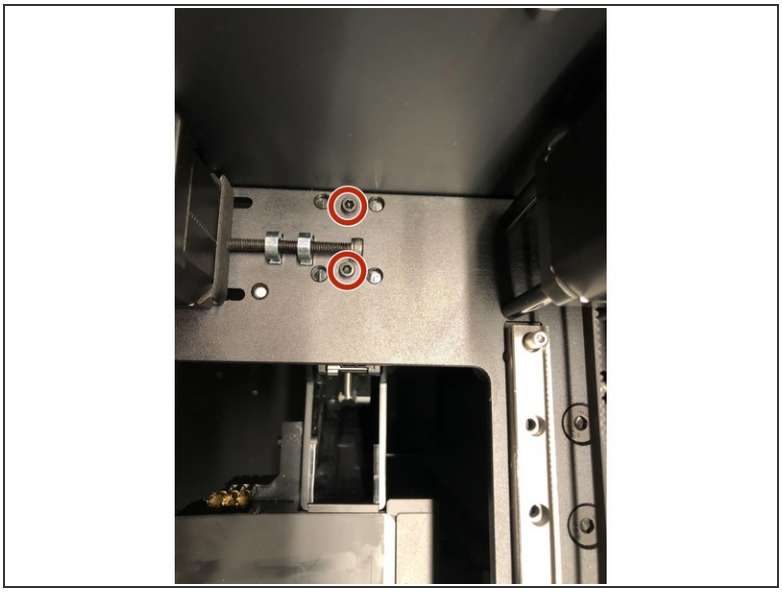
- If the bed moves to the bottom and not to the top of the printer, check the clearance between the

Transition Container bracket, pictured, and the bed

- A gap should be visible. If not, gently bend the Transition Container bracket to make a gap, then follow Step 1 again
- If you have issues, take a picture of the gap and share with support@mosaicmfg.com

Step 3 — False Homing at Top





- If the bed moves to the top of the printer, but does not contact the nozzle, check if the bed is contacting the densifier in the back right, Check the gap between the bed and densifier - take a picture from below to check the gap
- Check that the top two densifier screws are fully tightened
- Rotate the bed assembly manually clockwise, away from the densifier - you should feel 1-2mm of movement
- Run Z homing again. If the bed still contacts the densifier after following the above steps, contact your Account Manager or support@mosaicmfg.com

If you have any additional questions, please send us a message at support@mosaicmfg.com.

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