



Neptune Y Axis Belt Tensioner Lock



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Summary

A lock for the Neptune 4 Plus Y-Axis belt tensioner that has a locking clip to prevent vibrating off.

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I recently upgraded to a Neptune 4 Plus, and noticed the tensioners reportedly have a tendency to loosen. I tried a few of the existing tensioner locks, but they seemed to have nothing to prevent them from sliding off due to vibration.

After trying a few different approaches I came up with a simple two-piece design that has a clip that lifts up and down to go behind the adjustment knob and prevent sliding off. It also unlocks and slides off easily using a single hand.

Be sure to check out the X-Axis that goes with this: <https://www.printables.com/model/941436-neptune-x-axis-belt-tensioner-lock>

Tested on a Neptune 4 Plus, but should also work for the 4 Max and the corresponding 3 versions. If anyone tries this out on the other models, please leave a note in a comment.

Printed with supports and .2mm layer thickness.

Model files



ystop.stl

☐ Y-Axis tensioner stop



ystopclip.stl

☐ locking clip for Y-Axis tensioner stop

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