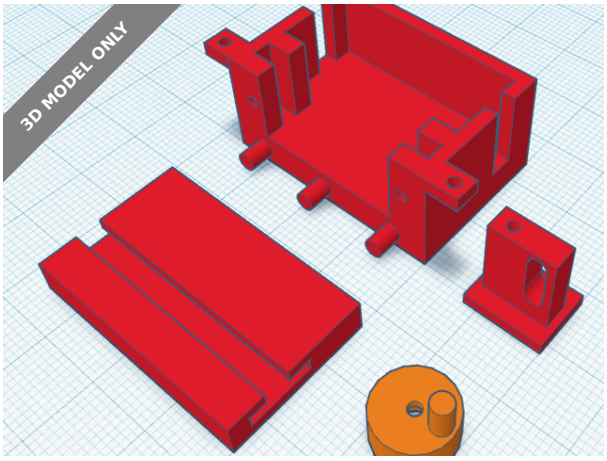


Linear actuator for H0 rails

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VIEW IN BROWSER

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Summary

This device is used to translate servo (SG90) rotary motion into a linear motion.

Toys & Games > Vehicles

Tags: h0 h0scale modelrailroad piko

There are others more generic linear actuators there.

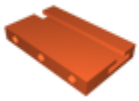
This one aims to be:

- slim so it fits under a low table
- simple (although it requires assembly)
- robust (even unprecise print is still usable)

Assembly:

1. put your servo in the box
2. attach the wheel to the servo
3. put the wheel adapter in the “rail” of the box extension
4. attach (optionally glue) the box extension to the box and make sure the wheel on the servo has its “stick” inside the hole of the wheel adapter.

Model files



box-extension.stl



wheel-adapter.stl



wheel.stl



box.stl

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