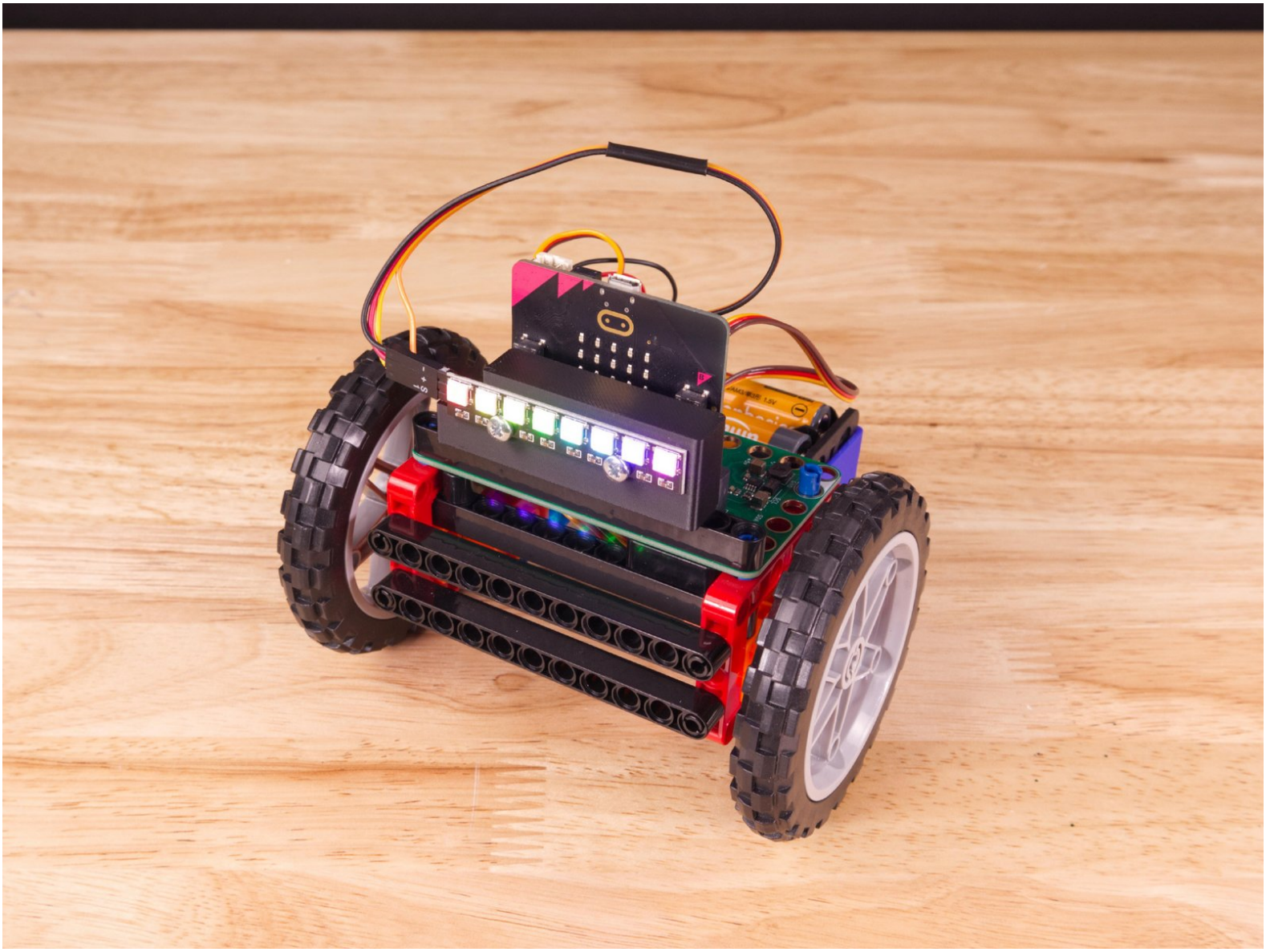
Rover NeoPixel Beam Holder

This 3D Printed NeoPixel Beam Holder allows you to attach an Addressable RGB LED Strip (commonly referred to as a "NeoPixel Strip") to our Rover.

Written By: Pete Prodoehl



INTRODUCTION

This 3D Printed NeoPixel Beam Holder allows you to attach an Addressable RGB LED Strip (commonly referred to as a "NeoPixel Strip") to our Rover.

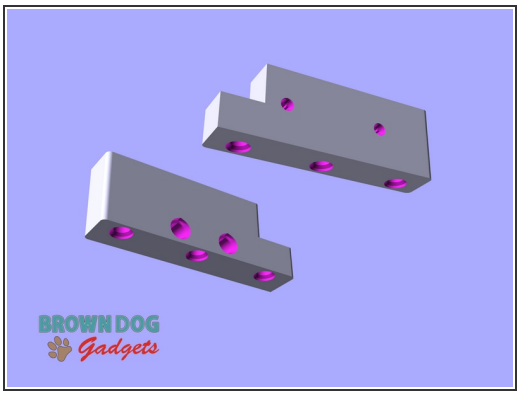
This part is considered an update to our previous Rover NeoPixel Holder and can also be used in place of the NeoPixel Beam Holder.

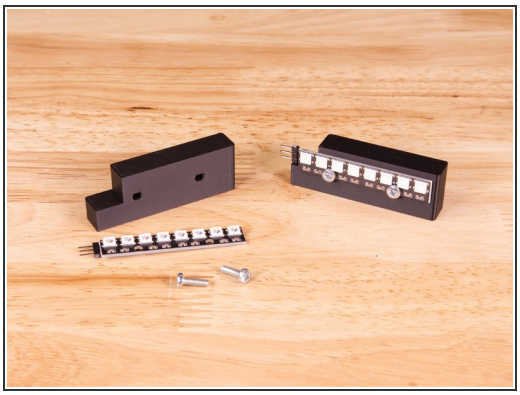
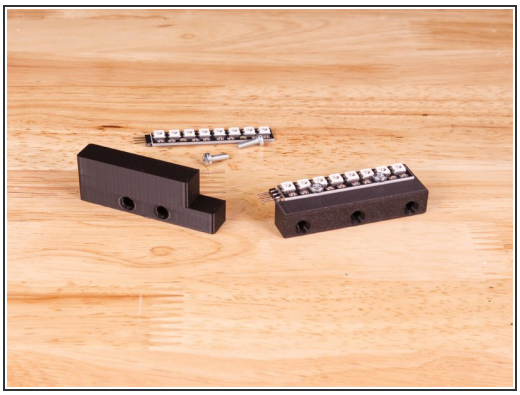
This part replaces the laser-cut acrylic piece that was in the Bit Board Rover Kit prior to 2026.

TOOLS:

- 3D Printer (1)

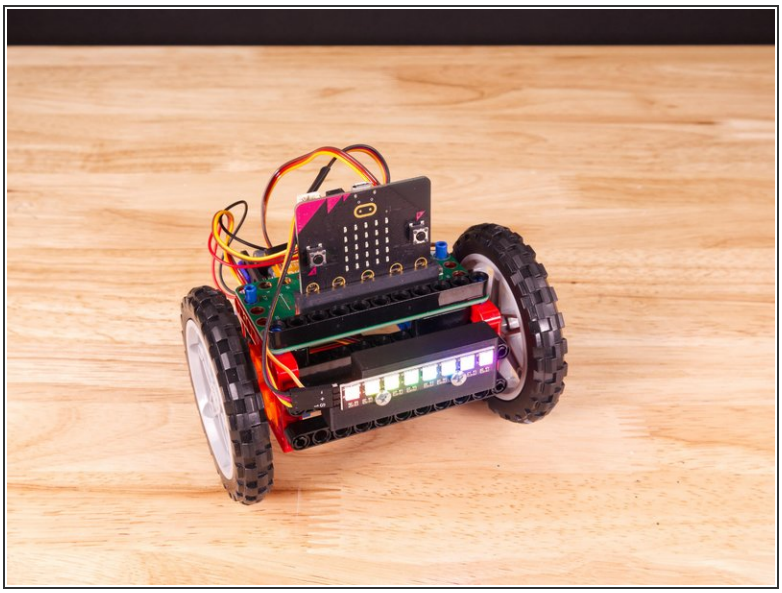
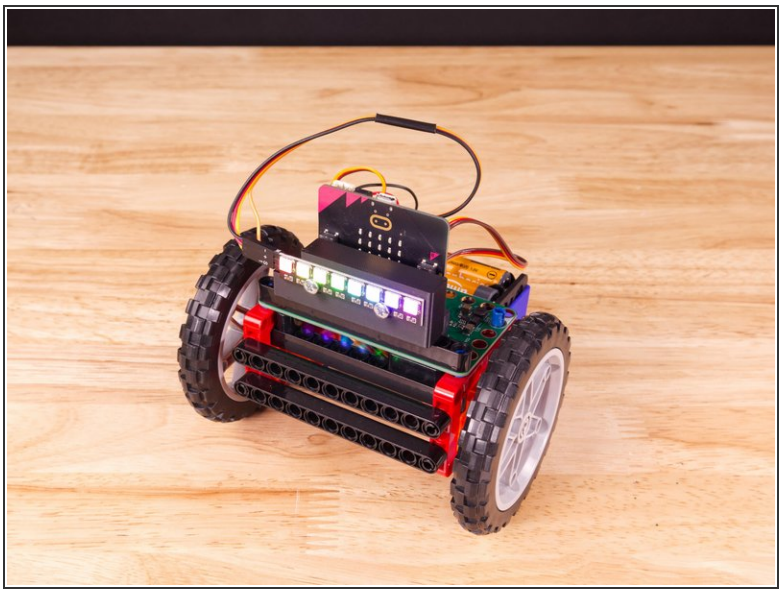
Step 1 — Download and Print



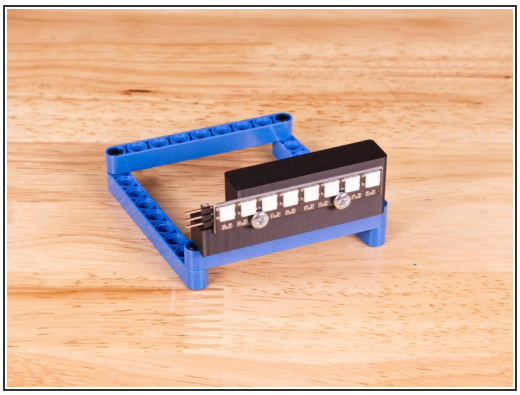
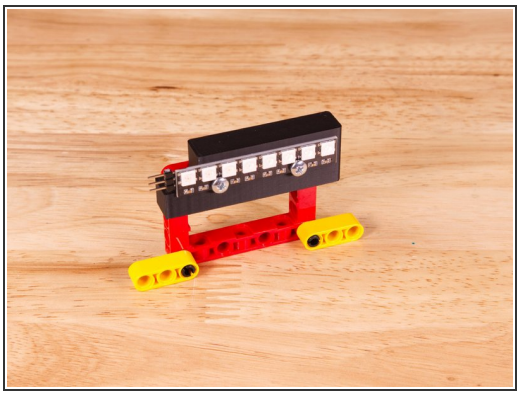
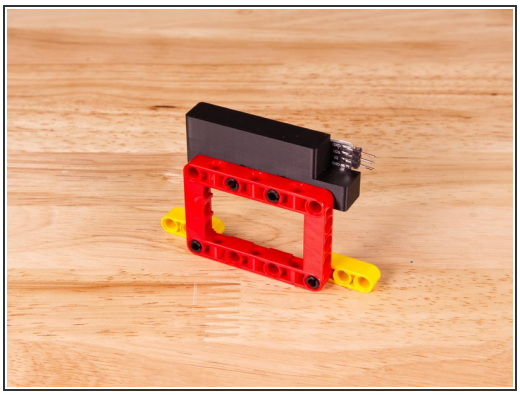
- You can download the file and print it on your own 3D Printer.
- Find it in our GitHub repository: https://github.com/BrownDogGadgets/3D-Pr...
- You'll need two 3mm pan head screws. They should be between 6mm long and 10mm long.

Step 2 — The Rover

- With pin holes on the bottom and back of the Rover NeoPixel Beam Holder there are multiple mounting options.
- Make sure there is enough clearance where the wires are located so the wheels do not interfere with them.

Step 3 — Other Options

- You can also use the Rover NeoPixel Beam Holder with standard Technic Beams and Pins.