

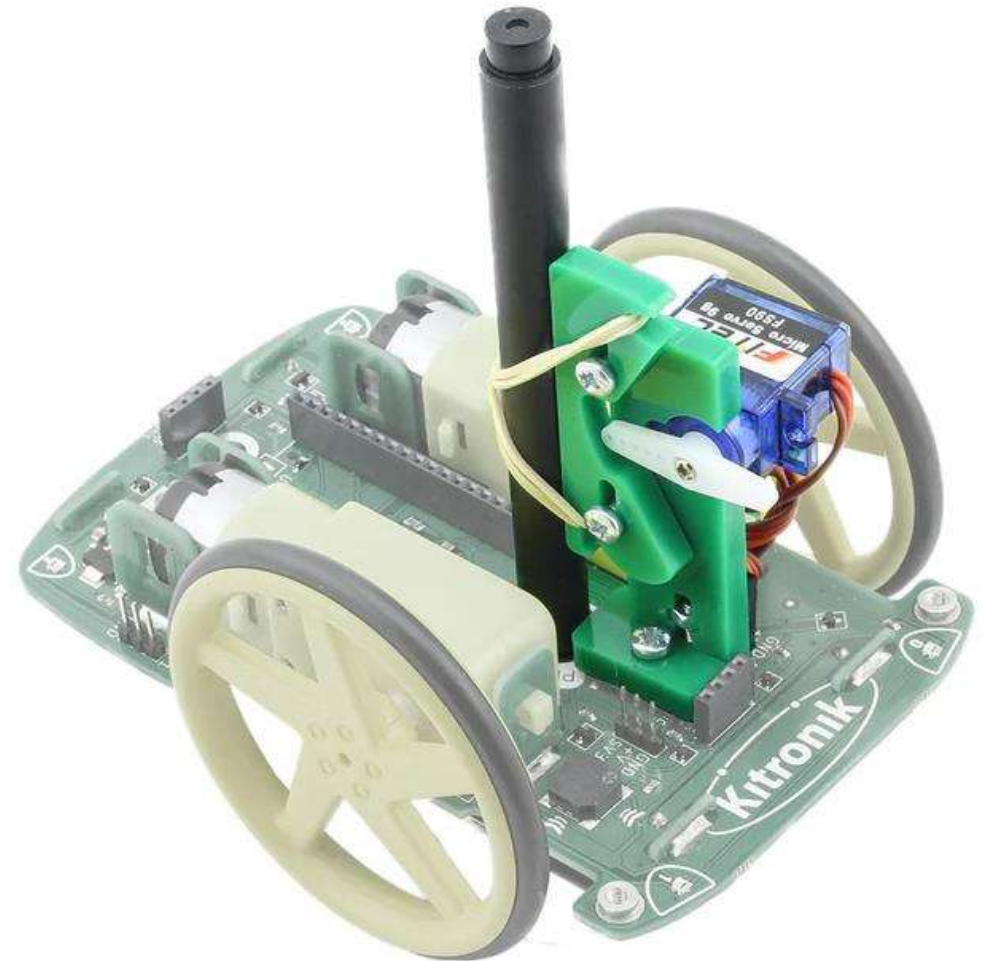
Kitronik Pen Lifter

This add-on allows you to take full advantage of the pen hole in the Kitronik Autonomous Robotics Platform (Buggy) for Pico.

Once fitted, the add-on allows the user to control when the pen is in contact with the surface by use code. The assembly holds the pen firmly in place and the supplied servo can be used to raise and lower the pen. This will allow for the creation of more complex patterns without any travel marks.

The kit comprises a set of 3 laser cut parts, a single 180-degree servo, a rubber band, and the fixings required to put it together. The kit requires no soldering but there is some simple mechanical assembly.

The kit is supplied with a booklet that walks the user through the assembly.



Features

- Add a pen to the Autonomous Robotics Platform (Buggy) for Pico that can be raised or lowered with code.
- Draw complex shapes without unsightly 'travel' lines.
- This add-on is supplied with full assembly instructions.
- We have also created an online guide, with MicroPython code, to help you get up and running straight away.
- A full list of related guides can be found in the resources section below.

Requires

- 1 x Kitronik Autonomous Robotics Platform (Buggy) for Pico.
- 1 x Raspberry Pi Pico (with headers installed).
- 1 x Small cross-head screwdriver.

Contents

- 1 x 180-degree servo.
- 3 x 10mm Pan Head M3 Machine Screw.
- 1 x 12mm Counter sunk M3 screw.
- 1 x M3 Hex Nut.
- 1 x Set of laser-cut parts (3 pieces).
- 1 x Rubber band.

Notes

- This kit is NOT supplied with a pen.
- No soldering is required but there is some simple mechanical assembly.
- This kit is intended for use with the Kitronik Autonomous Robotics Platform (Buggy) for Pico and the Raspberry Pi Pico.

