

# Linear Servo Adapter Kit



b



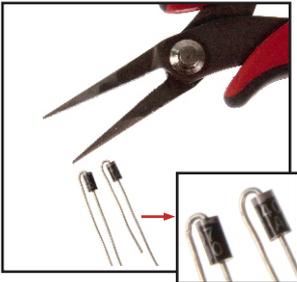
c



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## Kit includes:

- a. 1N4007 rectifier diodes (used to drop voltage) x 2
- b. Linear servo adapter PCB
- c. 3 pin JST connector, 1.5mm spacing
- d. Male pin strip, 3 positions (interfaces to female servo cable)



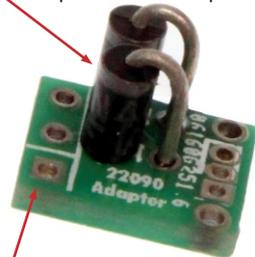
As the PCB solder pads are tiny, a fine-tip soldering iron is helpful! Start by bending the legs into “stand up” position, like in the photo.

You can use your fingers, but your trusty pair of needle nose pliers will do a better job!

Mount the diodes upright, with the leads nearest the silver bands going to the pads closest to the set of 5, exactly like the picture.

If desired, Solder the 3 pin header right beside the diodes (not pictured).

Stripe band on top

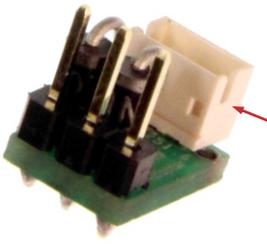


3-Pin header installed here



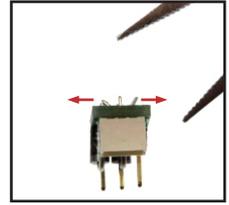
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Install the JST connector with the tab cutouts of the connector facing in toward the diodes. Backwards won't work!

Spread the pins out a bit to assist soldering these snug pads.



If you're using the 3 pin header, use a 15005 / 15007 female-to-female servo cable to adapt your linear servo to a controller board. Otherwise, solder on a 15000 standard servo header cable to the board, and you are good to go!

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#### VS-19 Pico Linear Servo

Super small, and compact, but limited to 3.6V operation. Ideal for tiny back'n'forth motion.

#### 3-Pin Servo Patch Cable

Female/Female ends, 35cm (14") long - ideal for connecting your Servo adapter to a project board.

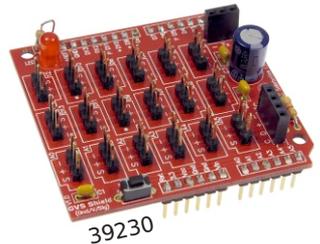


#### 3-Pin Servo Cable (single ended)

Wire up your accessories with the Ground/Power/Signal servo standard.

#### SB-GVS Sensor Shield for Arduino

Make interfacing to your Arduino-compatible easy with servo cables to your accessories.



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