

# LINGENFELTER

PERFORMANCE ENGINEERING

## Lingenfelter SPDT Microswitch Kit

PN: L480330000

### Parts List

Qty.	Part #	Description
1	SW1172-ND	SPDT microswitch, 12vdc
1	12010717	3 way Weatherpack, shroud half, sealed male connector
1	12015793	3 way Weatherpack, tower half, sealed female connector
2	12010300	Cavity plug, green
3	12089040-L	20-18AWG terminal male, Metri-Pack 630
4	12089188	20-18AWG terminal female, Metri-Pack 630
6	15324982	Cable seal, green, 20-18 AWG
1	L920010000	LPE decal



Thank you for purchasing the Lingenfelter Performance Engineering (LPE) Single Pole, Double Throw (SPDT) microswitch kit. The LPE microswitch kit can be used to enable components, such as nitrous systems and 2-steps, based on pedal or mechanical throttle body position.

### Microswitch Specifications:

Circuit type:	Single Pole, Double Throw (SPDT)
Current rating:	5 amps
Voltage rating - AC:	125V
Voltage rating - DC:	30V
Actuator type:	Simulated roller lever
Operating temperature:	-40°C to 83°C (-40°F to 181°F)
Wire gauge:	20 AWG
Life expectancy:	10,000,000 operations @ 60 operations/minute (minimum)
Available functions:	Normally Closed (NC) Normally Open (NO) NC and NO can also be used simultaneously



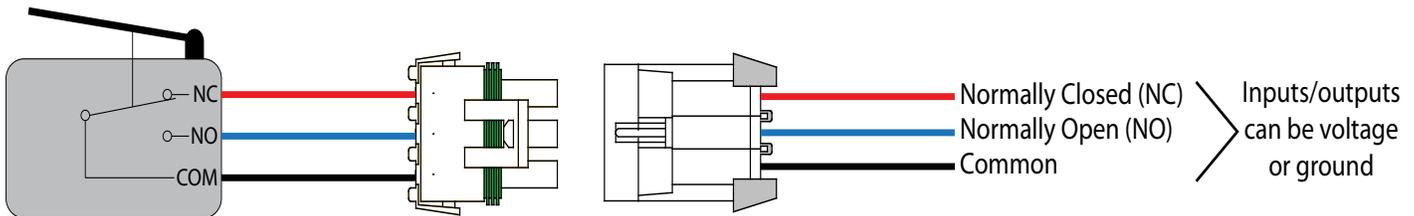
Revision - 1.2

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## Installation:

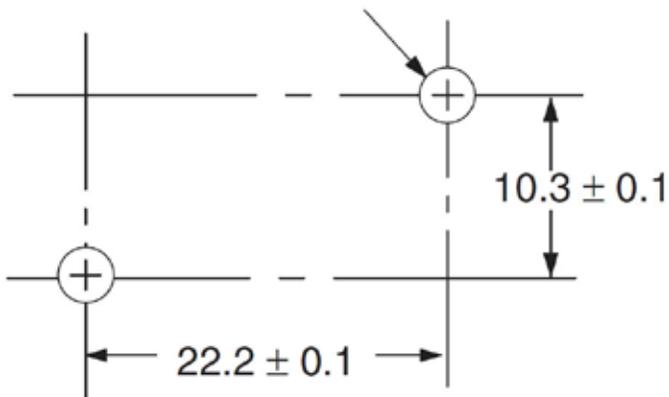
1. Slide a supplied cable seal on each of the microswitch wires.
2. Crimp a supplied female terminal to each of the microswitch wires that you installed a cable seal onto in the last step.
3. Insert the terminated wires into the female connector.
4. Repeat steps 1-3 for the male connector, with the exception of installing a cavity plug in place of any wire that will not be used to enable a device.
5. Connect the switch inline with the device to be enabled.
6. Mount the microswitch in a location that will allow the microswitch to enable the device at the desired pedal or throttle body position.

## Microswitch pin-outs:



## Mounting dimensions

Two, 3.1-dia. mounting holes or M3 screw holes



For additional product installation information and technical support, contact LPE or your LPE products distributor. You can also find technical support and usage discussions regarding this product and many other LPE products in our Internet forums:

<http://www.lingenfelter.com/LPEforumfiles>

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