

POWER COMMANDER V

2020-2021 Suzuki DL1050
Installation Guide

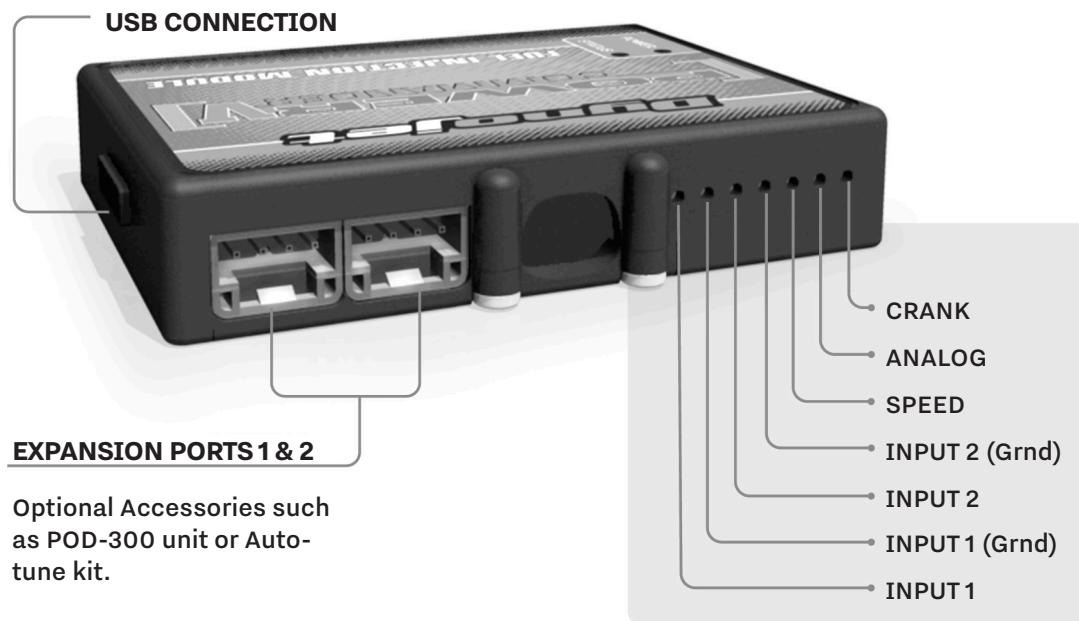
PARTS LIST

1	POWER COMMANDER V	2	DYNOJET DECALS
1	INSTALLATION GUIDE	2	POWER COMMANDER DECALS
1	USB CABLE	1	ALCOHOL SWAB
2	VELCRO STRIPS		

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

20-063

POWER COMMANDER V INPUT ACCESSORY GUIDE



ACCESSORY INPUTS:

Map - (Input 1 or 2) The PCV has the ability to hold 2 different base maps. You can switch on the fly between these two base maps when you hook up a switch to the MAP inputs. You can use any open/close type switch. The polarity of the wires is not important. When using the Autotune kit one position will hold a base map and the other position will let you activate the learning mode. When the switch is "CLOSED" Autotune will be activated.

Shifter- (Input 1 or 2) These inputs are for use with the Dynojet quickshifter. Insert the wires from the Dynojet quickshifter into the SHIFTER inputs. The polarity of the wires is not important.

Speed- If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent kill times when using a quickshifter.

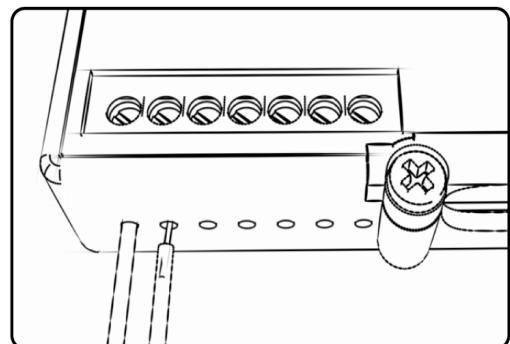
Analog- This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the control center software.

Crank- Do NOT connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.

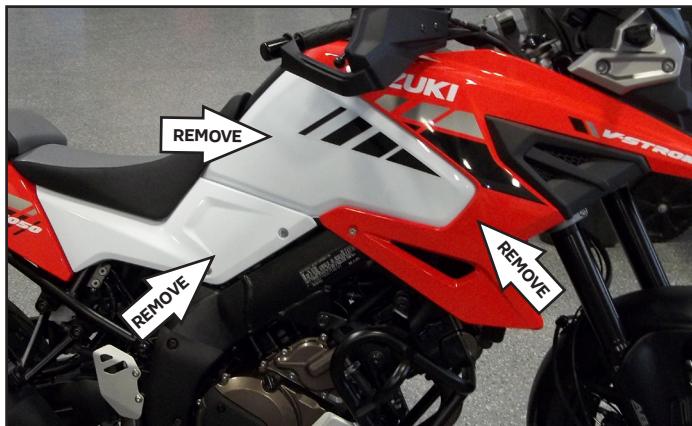
WIRE CONNECTIONS:

To input wires into the PCV first remove the rubber plug on the backside of the unit and loosen the screw for the corresponding input. Using a 22-24 gauge wire strip about 10mm from its end. Push the wire into the hole of the PCV until it stops and then tighten the screw. Make sure to reinstall the rubber plug.

NOTE: If you tin the wires with solder it will make inserting them easier.



INSTALLING THE POWER COMMANDER V



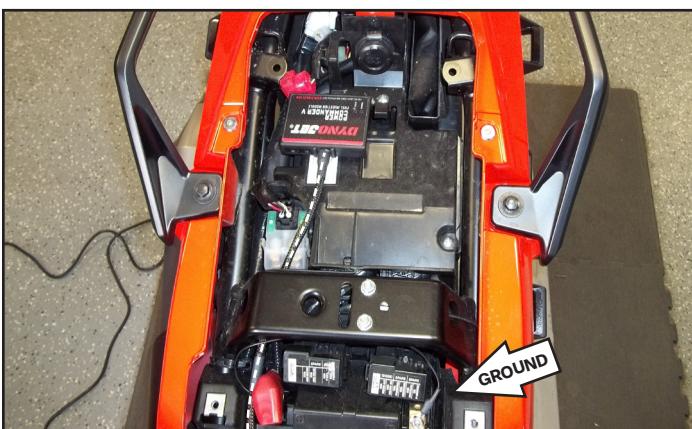
REMOVE BODYWORK

- 1 Remove the side fairings and upper fairings.
- 2 Remove the fuel tank.



REMOVE AIR BOX

- 3 Remove the air box.



ATTACH GROUND WIRE

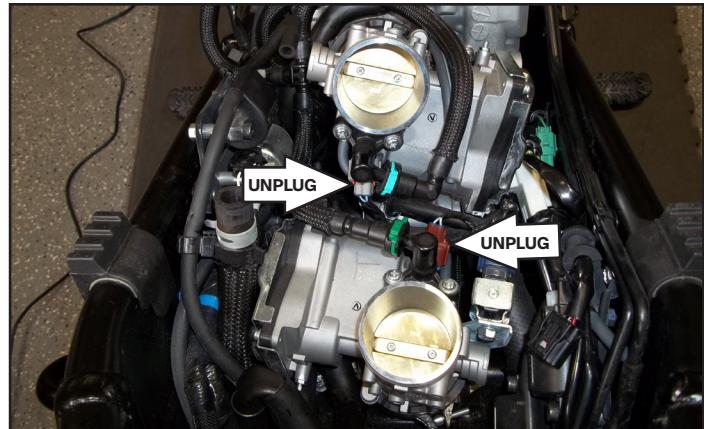
- 4 Mount the PCV to the inner rear fender under the seat. Use the supplied velcro to secure the module in place.

Use the supplied alcohol swab to clean the surface before attaching.

- 5 Attach the ground wire of the PCV to the negative (-) side of the battery.

INSTALLING THE POWER COMMANDER V

- 6 Unplug the stock wiring harness from the injectors.



UNPLUG INJECTORS

- 7 Plug the PCV harness in-line of the stock wiring harness and injectors.

PCV ORANGE wires go to the FRONT cylinder

PCV YELLOW wires go to the REAR cylinder



CONNECT TO INJECTORS

- 8 Unplug the Crank Position Sensor.

- 9 Unplug the Throttle Position sensor

These connectors are on the left hand side of the throttle body.

The CPS is a BLACK 2 pin connector with a BLUE and a GREEN wire

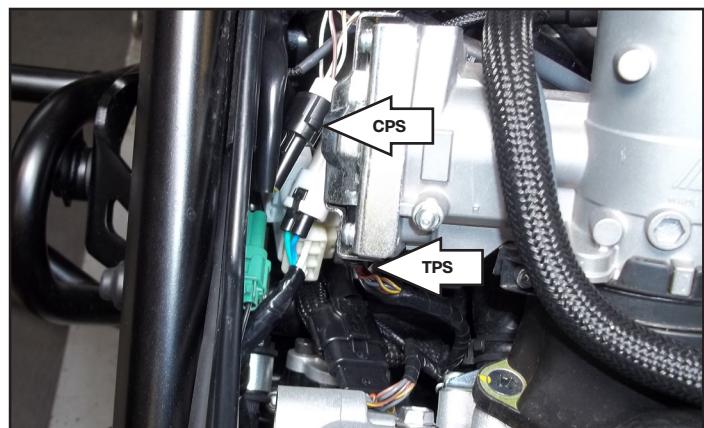
The TPS is the BLACK 5 pin connector connector on the throttle body.

- 10 Plug the PCV in-line of the Throttle Position sensor and wiring harness.

- 11 Plug the PCV in-line of the Crank Position Sensor and wiring harness.

- 12 Reinstall bodywork.

For more information visit www.dynojet.com



CONNECT TO TPS & CPS



**PUSH
THE
LIMIT**

2191 MENDENHALL DRIVE, NORTH LAS VEGAS, NV 89081 - 800-992-4993 - DYNOPET.COM
© 2019 DYNOPET RESEARCH ALL RIGHTS RESERVED