

# POWER COMMANDER 6

Installation Guide for: PC6-20052

Model Coverage: 2017-2019 Suzuki DL1000 (V-Strom)

**POWER COMMANDER 6**

## PARTS LIST

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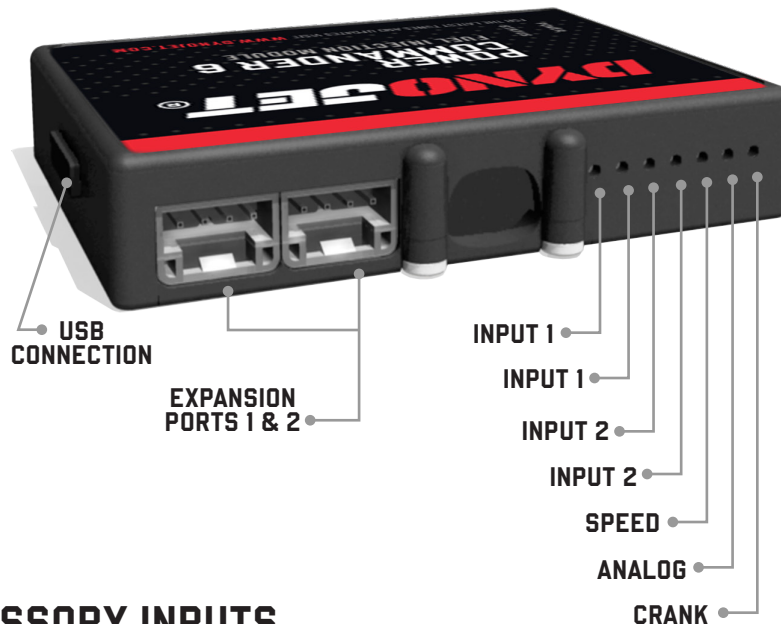
- |                      |                          |
|----------------------|--------------------------|
| 1 POWER COMMANDER 6  | 2 POWER COMMANDER DECALS |
| 1 INSTALLATION GUIDE | 2 VELCRO STRIPS          |
| 1 USB CABLE          | 1 ALCOHOL SWAB           |
| 2 DYNOJET DECALS     |                          |

**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.  
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**

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IPC6-20052.01

# INPUT ACCESSORY GUIDE



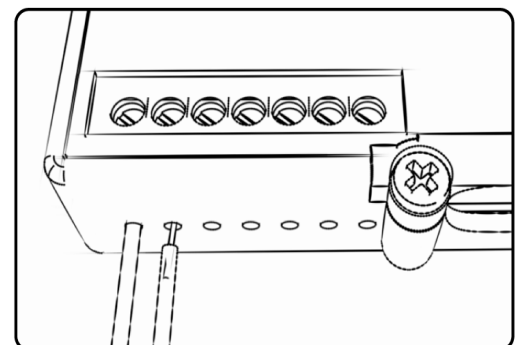
## OPTIONAL ACCESSORY INPUTS

- Map** (Input 1 or 2) The PC6 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.
- Shifter** (Input 1 or 2) Used for clutch-less full throttle upshifts. Insert the wires from the Dynojet quick shifter into either Input 1 or Input 2. The polarity of the wires is not important. Set to Input 2 by default.
- 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 quick shifter.
- 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 Power Core software.
- Launch** You can connect a wire to either Input 1 or Input 2 and then the other end to a switch. This switch when engaged (continuity) will only allow the RPM to be raised to a certain limit (set in the software). When released, you will have full RPM.

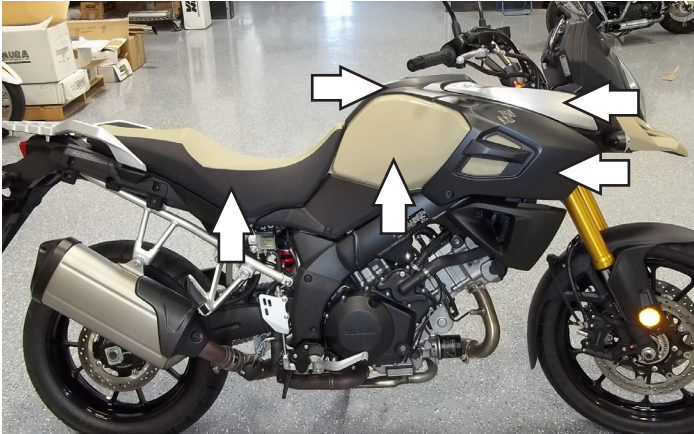
## WIRE CONNECTIONS

To input wires into the PC6 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 PC6 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.



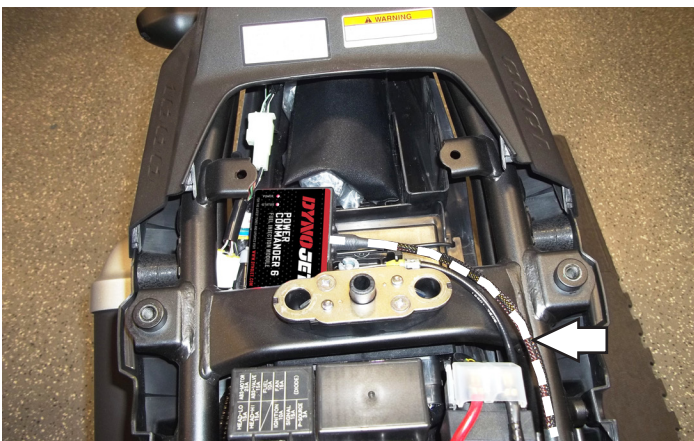
# INSTALLING THE POWER COMMANDER 6



- 1 Remove the seat, the body panels surrounding the fuel tank, and remove the fuel tank.



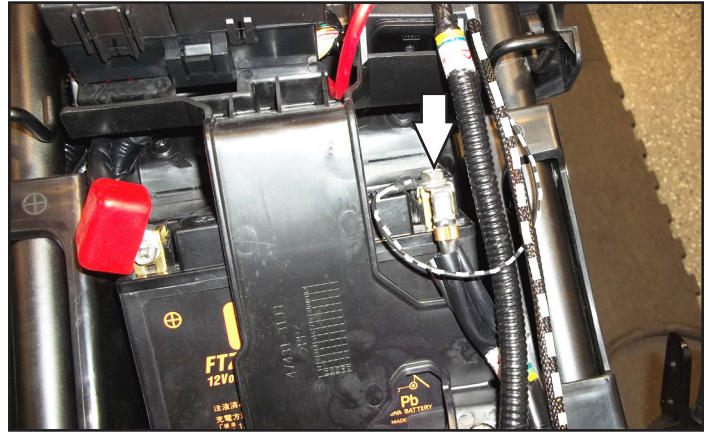
- 2 Remove the air box.



- 3 Using the supplied Velcro, secure the PC6 module in the tail section.  
Clean both surfaces with the supplied alcohol swab prior to applying the Velcro adhesive.
- 4 Route the PC6 wiring harness forward towards the engine following along the left side frame rail.



- 5 Secure the PC6 ground wire with the small ring lug to the negative (-) terminal of the bike's battery.



- 6 On the left side of the rear cylinder throttle body, locate and unplug the bike's lower primary Throttle Position Sensor.

There is a secondary TPS with the same connector higher up on the same throttle body. Make sure you are going to the lower primary TPS.



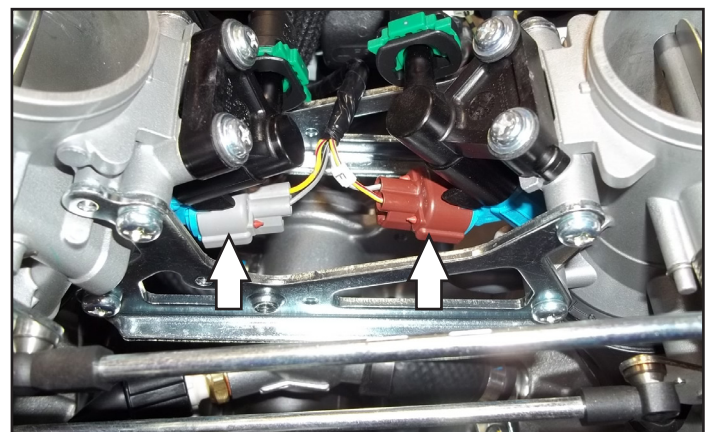
- 7 Plug the pair of the 3-pin connectors on the PCV wiring harness in-line of the bike's TPS and the stock wiring harness.

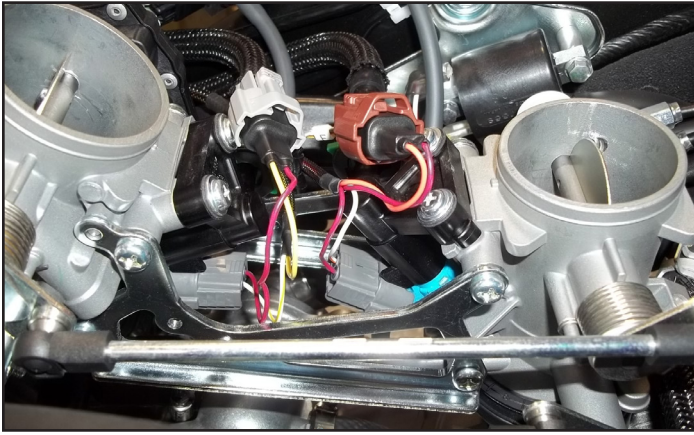


- 8 Locate and unplug the stock Fuel Injectors, which are located between the throttle bodies.

The front cylinder Fuel Injector has a stock BROWN connector.

The rear cylinder Fuel Injector has a stock GREY connector.





- 9 Plug the pair of leads on the PC6 wiring harness with ORANGE colored wires in-line of the front cylinder Fuel Injector and the stock BROWN connector.
- 10 Plug the pair of leads on the PC6 wiring harness with YELLOW colored wires in-line of the rear cylinder Fuel Injector and the stock GREY connector.
- 11 Reinstall the airbox, fuel tank, body work, and seat.

Download the latest map files from our web site at [dynojet.com/tunes](http://dynojet.com/tunes).



# **PUSH THE LIMIT**

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