POWER COMMANDER 6

Installation Guide for: PC6-20063

Model Coverage: 2020-2021 Suzuki DL1050

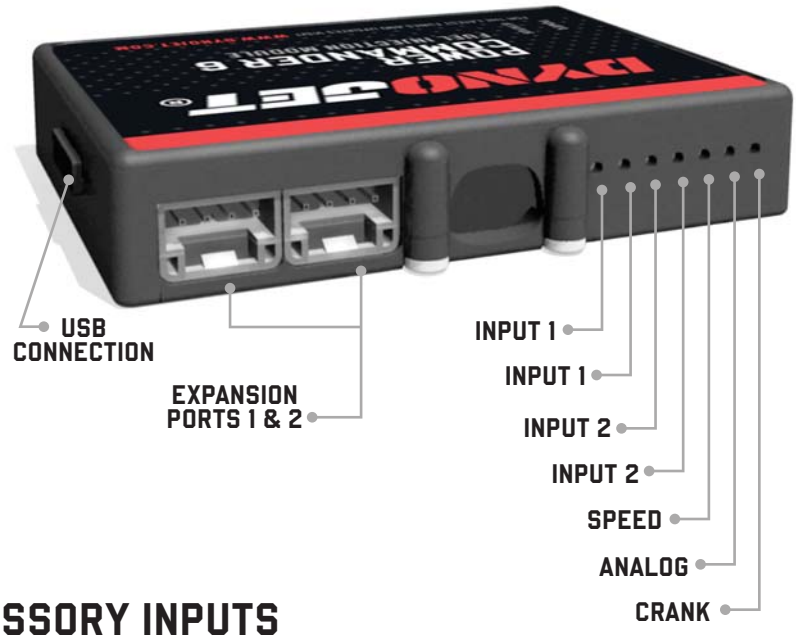
PARTS LIST

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.

IPC6-20063.01

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.

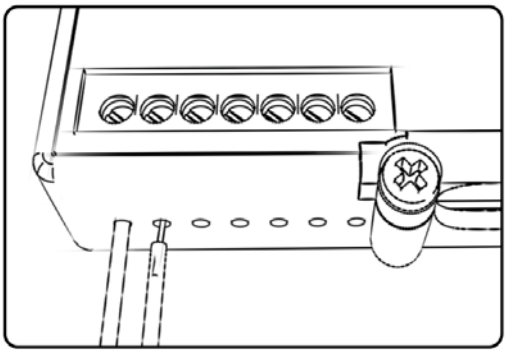
Analog This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the Power Core software.

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 side fairings and upper fairings.

2 Remove the fuel tank.

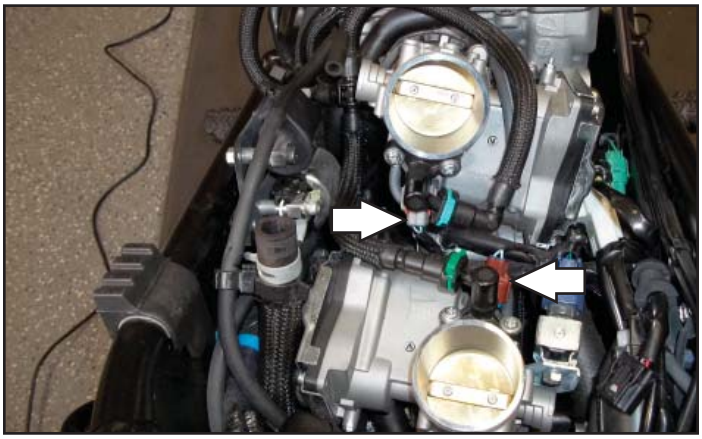
3 Remove the air box.

4 Mount the PC6 to the inner rear fender under the seat. Use the supplied Velcro to secure the module in place.

Clean both surfaces with the supplied alcohol swab prior to applying the Velcro adhesive.

5 Attach the ground wire from the PC6 to the negative (-) side of the battery.

6 Unplug the stock wiring harness from the injectors.



7 Plug the PC6 harness in-line of the stock wiring harness and injectors.

PC6 ORANGE wires go to the FRONT cylinder.

PC6 YELLOW wires go to the REAR cylinder.

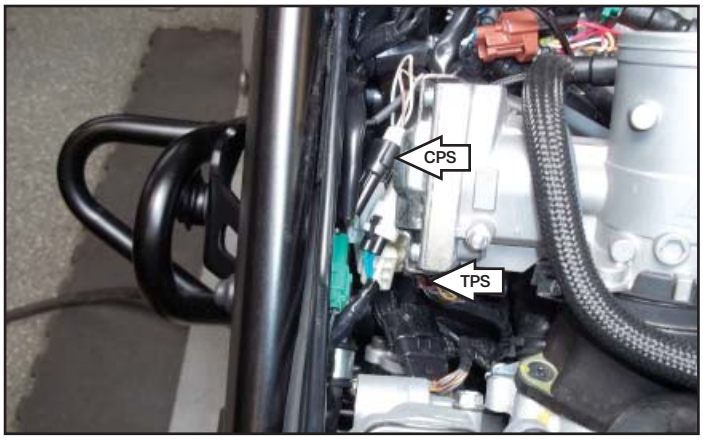
8 Unplug the Crank Position Sensor.

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 on the throttle body.



10 Plug the PC6 in-line of the Throttle Position Sensor and wiring harness.

11 Plug the PC6 in-line of the Crank Position Sensor and wiring harness.

12 Reinstall the bodywork.

Download the latest map files from our web site at dynojet.com/tunes.

PUSH THE LIMIT

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