

POWER COMMANDER 6

Installation Guide for: PC6-20013

Model Coverage: 2009-2015 Suzuki Gladius/SVF650

PARTS LIST



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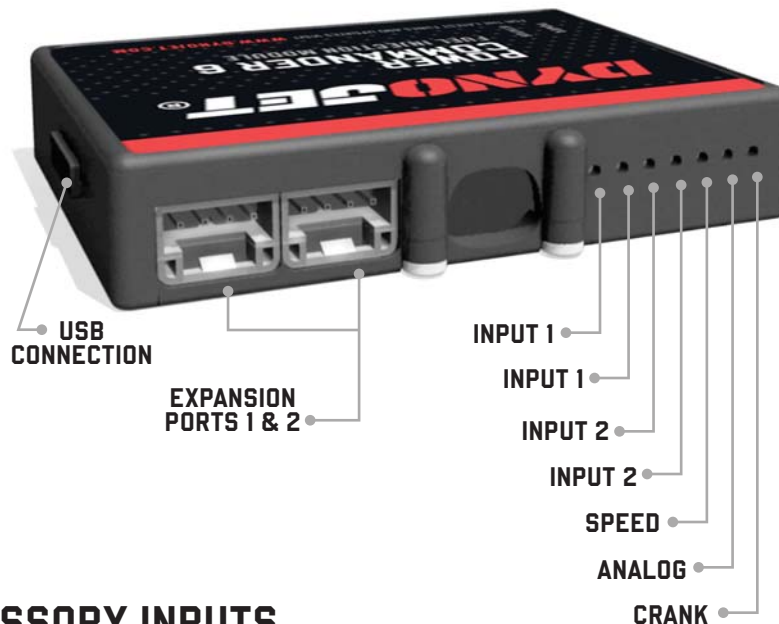
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-20013.01

POWER COMMANDER 6

INPUT ACCESSORY GUIDE



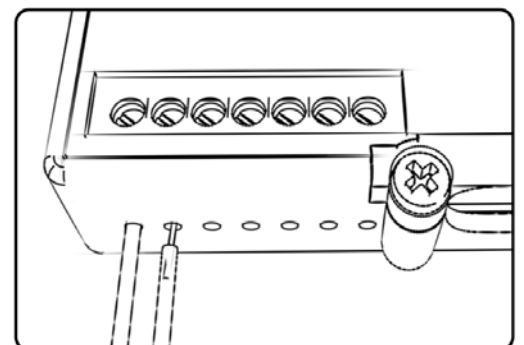
OPTIONAL ACCESSORY INPUTS

- 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.

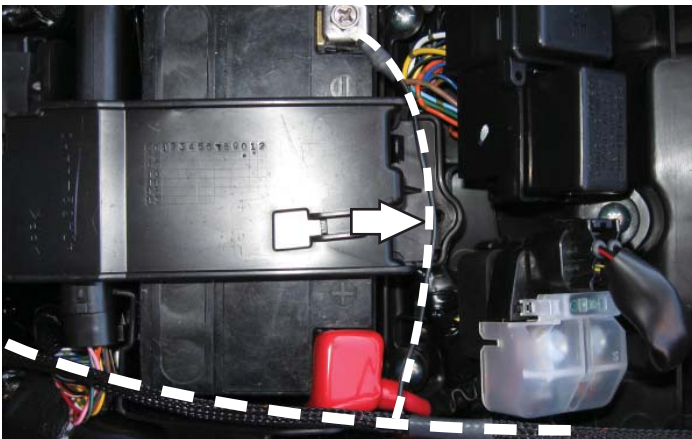
NOTE: If you tin the wires with solder it will make inserting them easier.



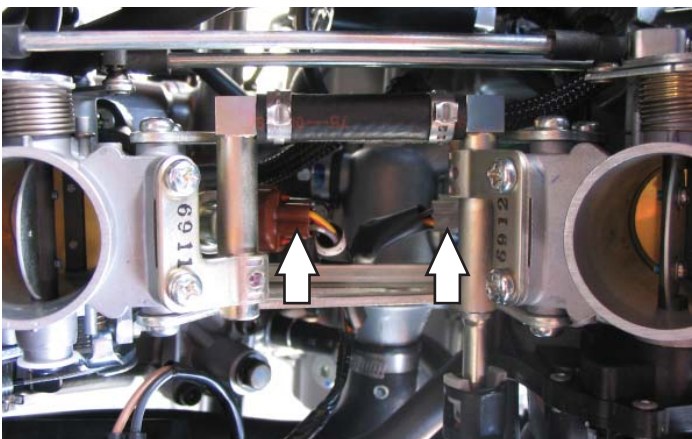
INSTALLING THE POWER COMMANDER 6



- 1 Remove the main seat and the passenger seat.
- 2 Install the PC6 in the tail of the bike on top of the tool kit.



- 3 Route the wires from the PC6 down the left side of the bike and go towards the engine.
- 4 Attach the ground wire of the PC6 to the negative side of the battery.

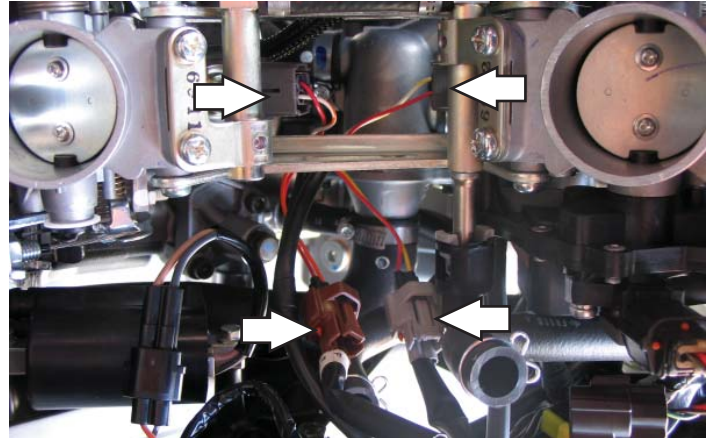


- 5 Prop the front of the fuel tank up using the Suzuki prop rod.
- 6 Remove the air box.
The air box does need to be removed to perform this installation but may make it easier as the stock injector connectors can be very difficult to remove.
- 7 Locate the stock injector connectors. One is BROWN (front cylinder) and one is GREY (rear cylinder). Unplug these connectors from the injectors.

- 8 Plug the connectors from the PC6 in-line of the stock wiring harness and the injectors.

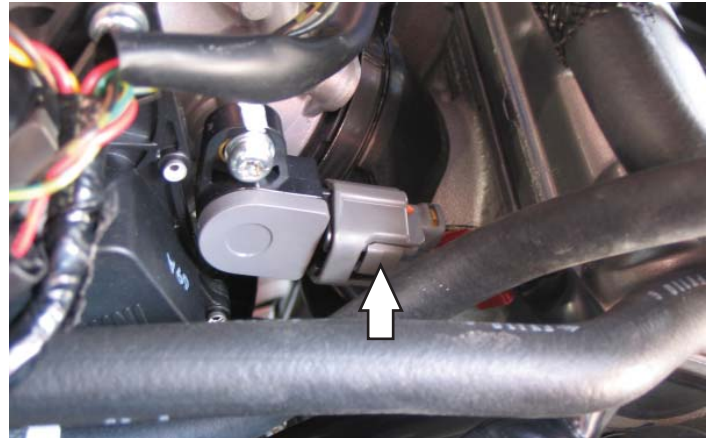
Connect the **ORANGE** wires from the PC6 to the front cylinder and stock **BROWN** connector.

Connect the **YELLOW** wires from the PC6 to the rear cylinder and stock **GREY** connector.



- 9 Locate the Throttle Position Sensor connector located on the left side of the throttle body.

- 10 Unplug the connector from the TPS.



- 11 Plug the PC6 connectors in-line of the stock wiring harness and TPS.

- 12 Reinstall the air box if it was removed. Reinstall the fuel tank.



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

Optional inputs:

Speed input - **PINK/WHITE** wire of 3 pin **BLACK** connector from speed sensor which is next to the coolant bottle under fuel tank.

Temperature input - **BLUE/BLACK** wire from cylinder temperature sensor under rear throttle body.



PUSH THE LIMIT

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