

POWER COMMANDER 6

Install guide for: PC6-20048

Model coverage: 2018-2020 Suzuki GSX-S750

PARTS LIST

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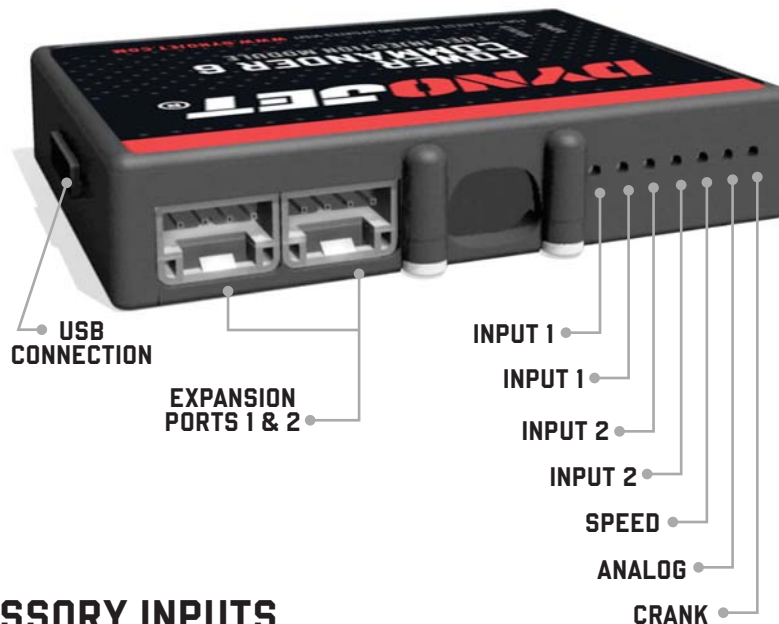
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**

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PC6-20048.01

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 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 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.

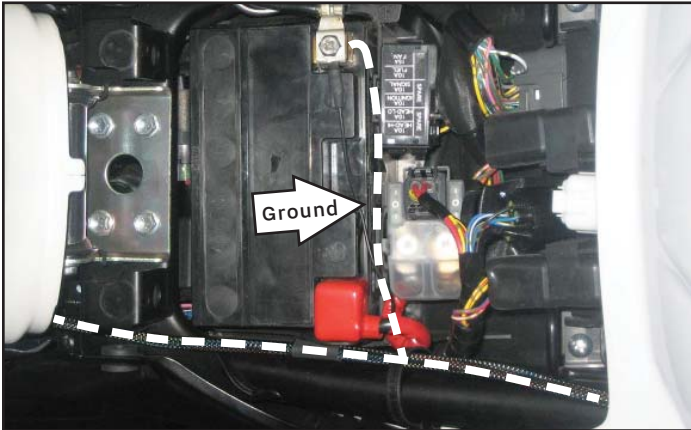
WIRE CONNECTIONS

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.

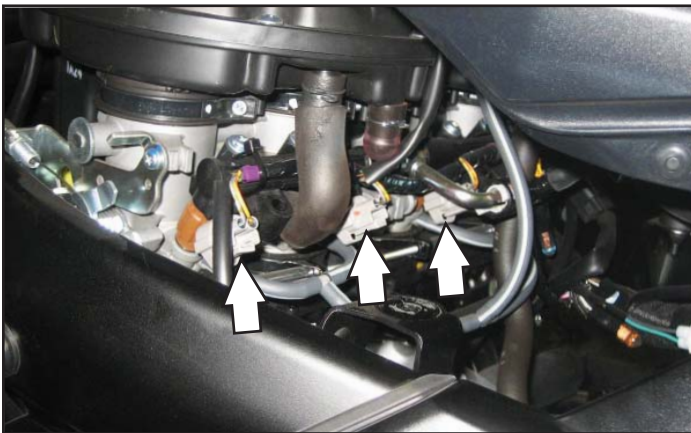


INSTALLING THE POWER COMMANDER 6



ATTACH TO GROUND

- 1 Remove the main seat and the passenger seat or solo cover.
- 2 Prop the fuel tank up using the prop rod in the tail section.
- 3 Lay the PC6 in the tail section.
- 4 Route the wiring harness from the PC6 under the tail section and go towards the engine down the left hand side of the bike.
- 5 Secure the ground wire from the PC6 with the small ring lug to the negative (-) terminal of the bike's battery.



UNPLUG INJECTORS

- 6 Unplug the stock wiring harness from each of the fuel injectors.

The #4 cylinder connector is not visible in this picture.



CONNECT TO INJECTORS

- 7 Plug the connectors from the PC6 wiring harness in-line of the LOWER fuel injectors and the stock wiring harness.

PC6 ORANGE colored wires go to cylinder #1 (left).

PC6 YELLOW colored wires go to cylinder #2.

PC6 GREEN colored wires go to cylinder #3.

PC6 BLUE colored wires go to cylinder #4 (right).

INSTALLING THE POWER COMMANDER 6

- 8 Locate the Throttle Position Sensor connector on the far right hand side of the throttle bodies.

This is a GREY 3-pin connector that has PINK/BLACK - RED - BLACK/BROWN colored wires.

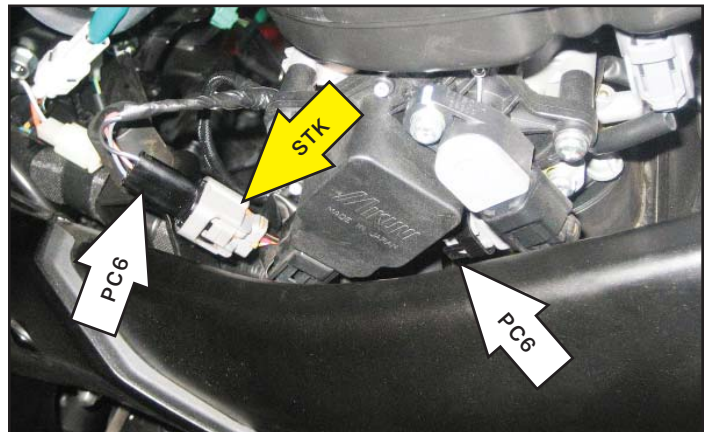
- 9 Unplug the TPS connector.



UNPLUG TPS

- 10 Plug the 3-pin connectors from the PC6 in-line of the stock TPS and wiring harness.

Make sure you do NOT connect to the BLACK connector



CONNECT TO TPS

- 11 Install the PC6 in the tail section. Use the supplied Velcro to secure the unit in the tail.

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

- 12 Lower the fuel tank back into position making sure none of the wires get pinched or damaged.

Optional inputs:

Speed input location - PINK wire of sensor on sprocket cover.

12v source for Autotune - Brown wire of tail light connector.



INSTALL PC6



PUSH THE LIMIT

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