

POWER COMMANDER 6

Installation Guide for: PC6-20040

Model Coverage: 2003-2004 Suzuki GSXR1000

PARTS LIST



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| 1 | USB CABLE | 1 | ALCOHOL SWAB |
| 2 | DYNOJET DECALS | | |

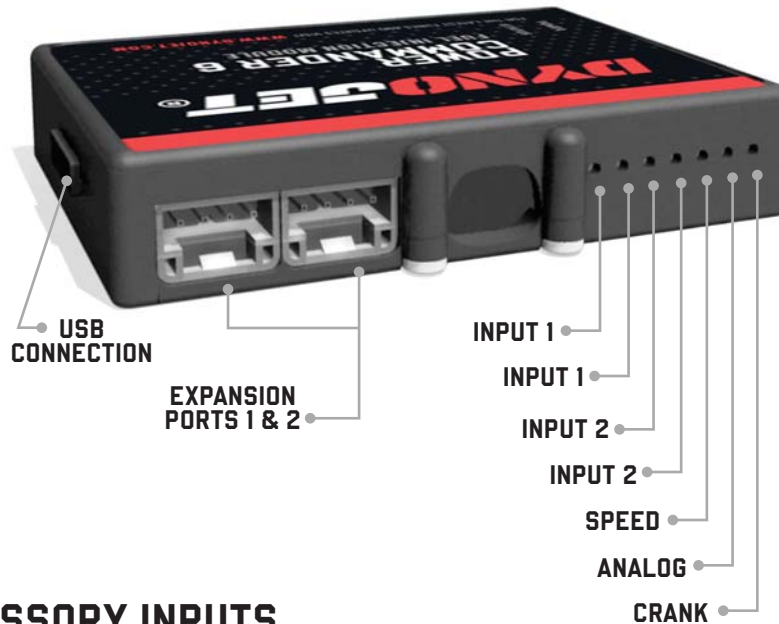
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-20040.01



INPUT ACCESSORY GUIDE



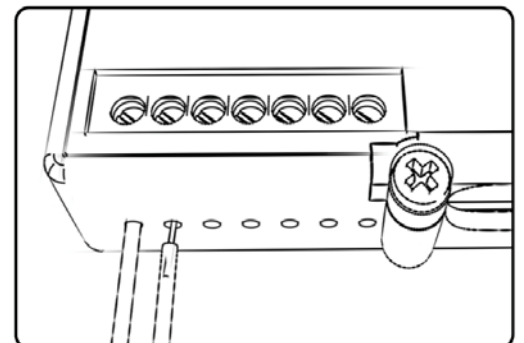
OPTIONAL ACCESSORY INPUTS

- 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.

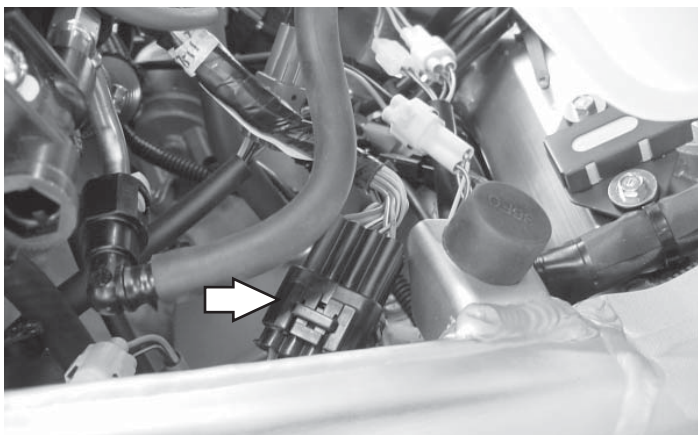
WIRE CONNECTIONS

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.

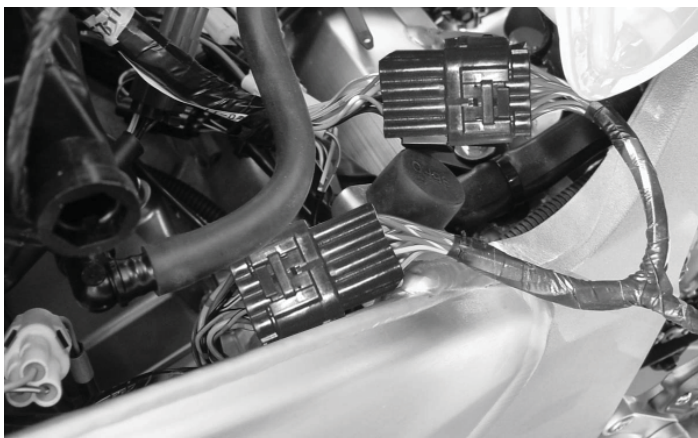


INSTALLING THE POWER COMMANDER 6

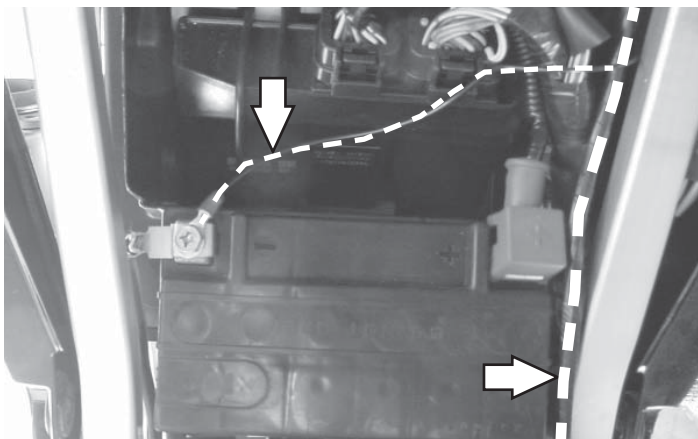


- 1 Remove the main seat and the passenger seat.
- 2 Unbolt the front of the fuel tank and hold the front of it up, using the prop rod located in the tail section.
- 3 Locate and unplug the pair of stock sub-harness connectors for the fuel injector rail.

This is a pair of **BLACK** 16-pin connectors, located directly below the fuel tank.



- 4 Plug the matching pair of connectors of the PC6 harness in-line of the stock connectors.



- 5 Route the PC6 wiring harness along the inside of the left frame rail towards the battery.
- 6 Secure the ground wire of the PC6 harness to the negative (-) terminal of the bike's battery.

- 7 Using the supplied Velcro, secure the PC6 module in the tail section.

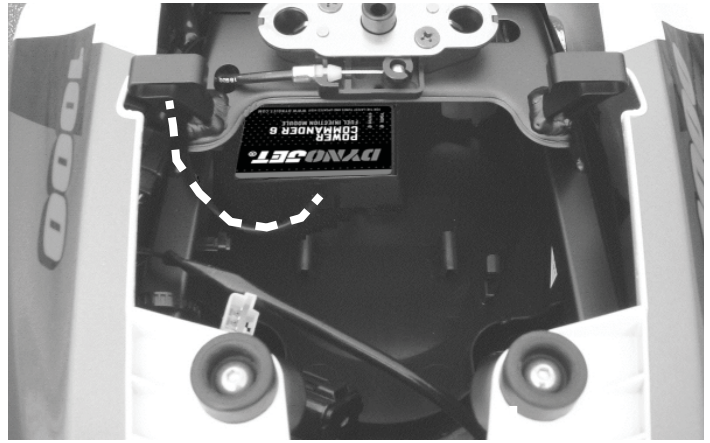
Clean both surfaces with the supplied alcohol swab prior to applying the Velcro adhesive.

Make sure all wiring is routed properly and also free and clear of any hot or moving parts.

- 8 Lower and bolt down the front of the fuel tank.

When lowering the fuel tank, make sure the fuel line and PC6 wiring harness do not get kinked or pinched at the frame support. If this happens, the bike might not run properly.

- 9 Reinstall the main seat and passenger seat.



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

Optional Inputs:

Speed input - PINK wire on BLACK 3-pin connector from speed sensor on the countershaft sprocket cover (BLACK/RED, BLACK/WHITE, PINK).

Temperature input - BLACK/BLUE wire of temp sensor at the rear of the engine.

12v source for Autotune - BROWN wire of taillight connector.



**PUSH
THE
LIMIT**

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