

# POWER COMMANDER 6

Installation Guide for: PC6-20045

Model Coverage: 2001 Suzuki Hayabusa

## 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.**



IPC6-20045.01



# 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.

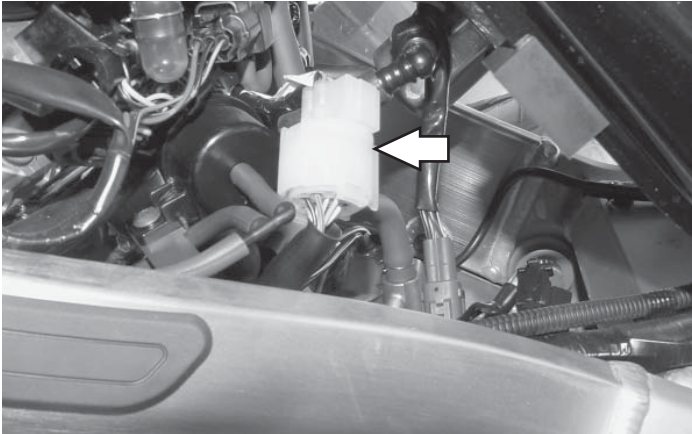
## WIRE CONNECTIONS

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.

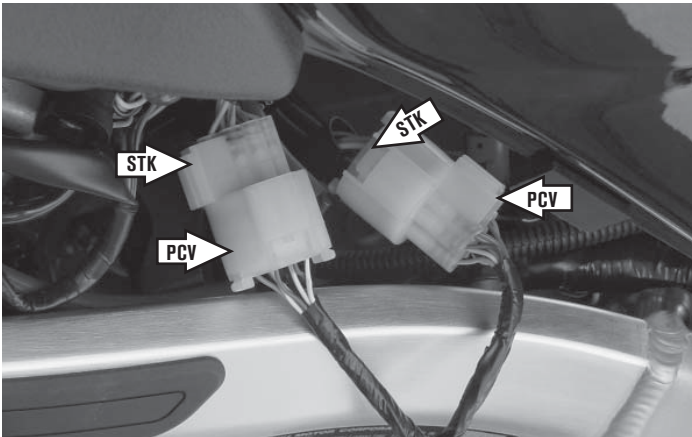


# INSTALLING THE POWER COMMANDER 6

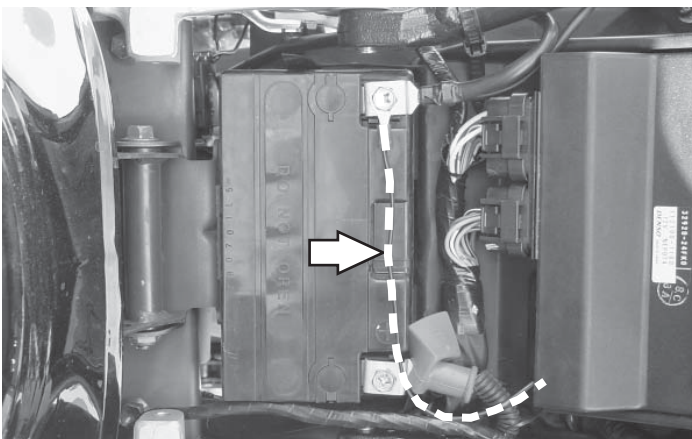


- 1 Remove the main seat and the passenger seat.
- 2 Hold the front of the fuel tank up using the prop rod located in the trunk area.
- 3 Locate the connector from the main wiring harness to the injector rail and unplug this connector.

This connector is **WHITE** in color.



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



- 5 Route the PC6 wiring along the inside of the frame towards the battery.
- 6 Secure the ground wire of the PC6 to the negative (-) side of the battery.

- 7 Using the supplied Velcro, secure the PC6 module in the rear section of the trunk.

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

- 8 Bolt fuel tank back into place and reinstall the seats.

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