

# POWER COMMANDER 6

Install guide for PC6-20064

Model coverage:

2022 Suzuki GSX-R1300 Hayabusa

## PARTS LIST



- |   |                    |   |                        |
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| 1 | POWER COMMANDER 6  | 2 | POWER COMMANDER DECALS |
| 1 | INSTALLATION GUIDE | 2 | VELCRO STRIPS          |
| 1 | USB CABLE          | 1 | ALCOHOL SWAB           |
| 2 | DYNOJET DECALS     |   |                        |

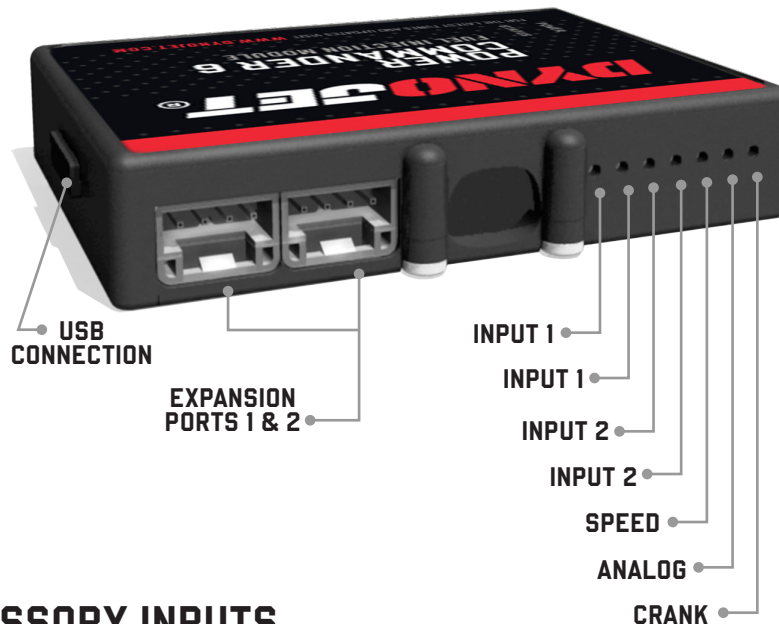
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.  
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-20064.01



# INPUT ACCESSORY GUIDE



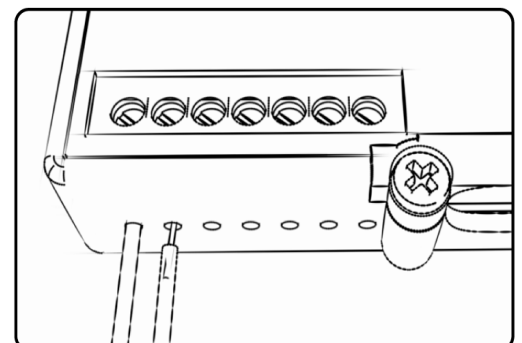
## OPTIONAL ACCESSORY INPUTS

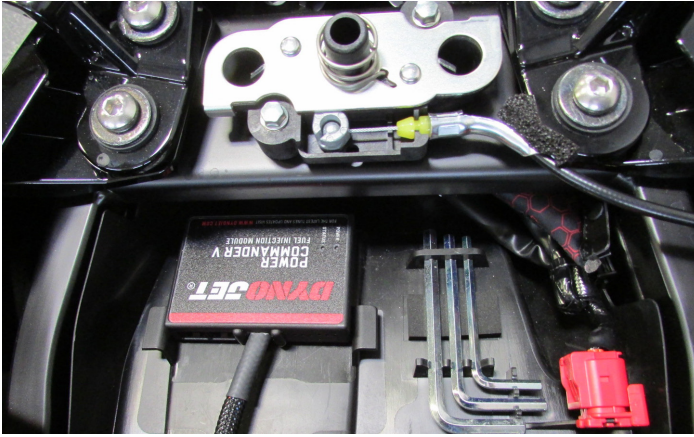
- Map** (Input 1 or 2) The PC6 has the ability to hold 2 different base maps. You can switch on the fly between these two base maps when you hook up a switch to the MAP inputs. You can use any open/close type switch. The polarity of the wires is not important.
- Shifter** (Input 1 or 2) Used for clutch-less 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.

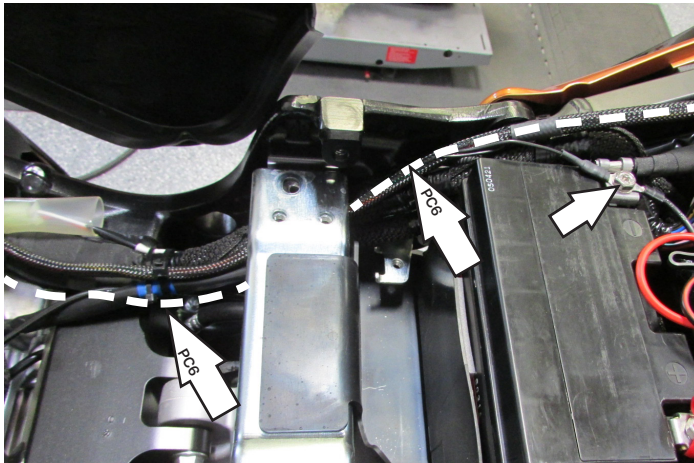
NOTE: If you tin the wires with solder it will make inserting them easier.



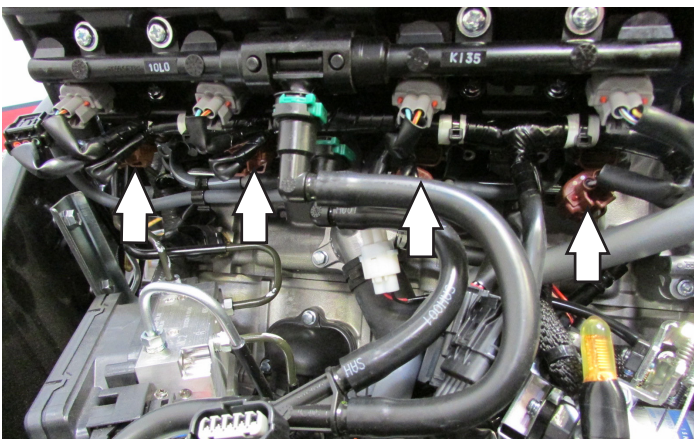


- 1 Remove the seats and fuel tank.
- 2 Mount the PC6 in the tail section of the motorcycle using the provided velcro.

*Make sure to clean both surfaces with the alcohol swab before attaching.*

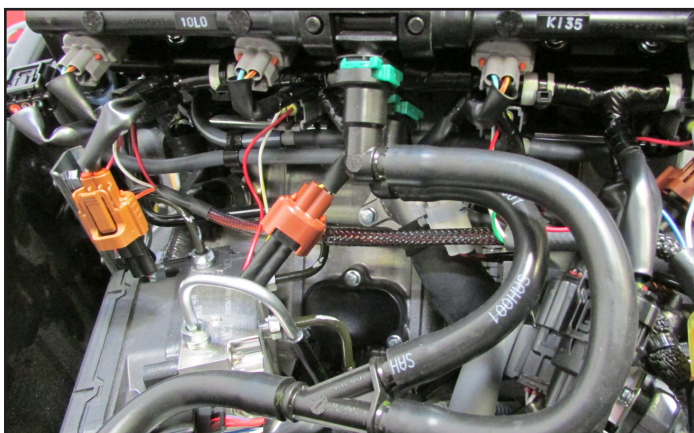


- 3 Route the PC6 harness down the right side of the motorcycle, going under the fuel tank support.
- 4 Attach the ground wire of the PC6 to the negative (-) side of the battery.



- 5 Unplug the stock wiring harness from each of the lower injectors.

*These are the BROWN colored connectors.*



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

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

*PC6 YELLOW wires go to #2 cylinder.*

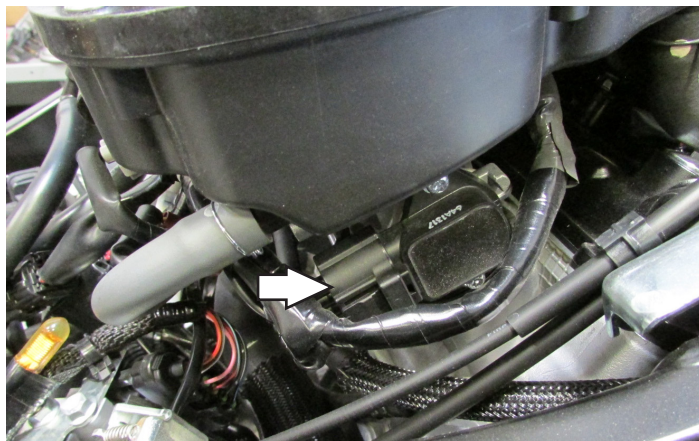
*PC6 GREEN wires go to #3 cylinder.*

*PC6 BLUE wires go to #4 cylinder (right)*

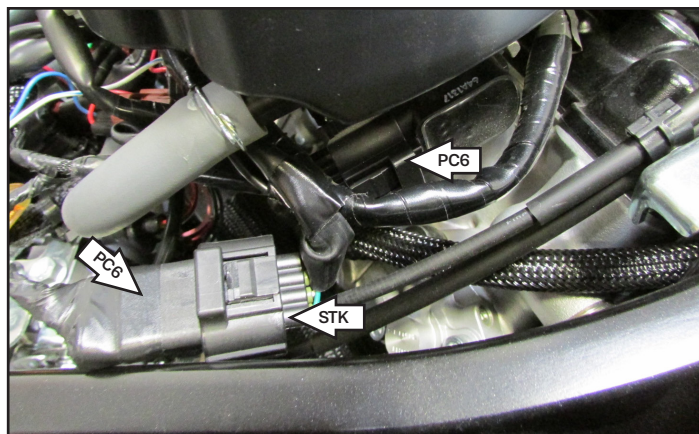


- 7 Unplug the Throttle Position Sensor connector.

*This connection is on the right side of the throttle bodies.*



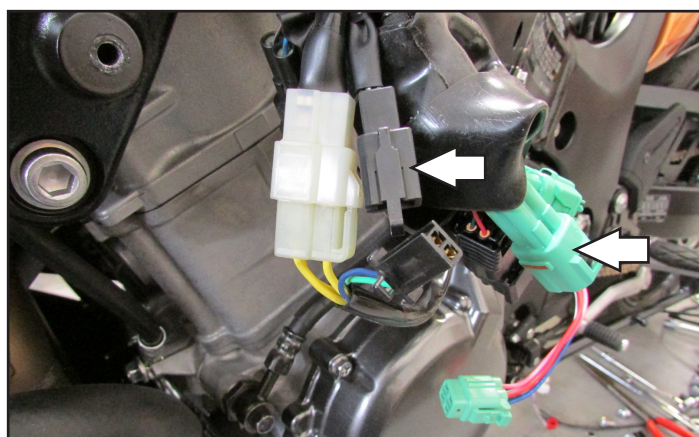
- 8 Plug the PC6 in-line of the Throttle Position Sensor and wiring harness.



- 9 Unplug the BLACK, 2 pin crank sensor position connector.

- 10 Unplug the GREEN, 4 pin gear position sensor connector.

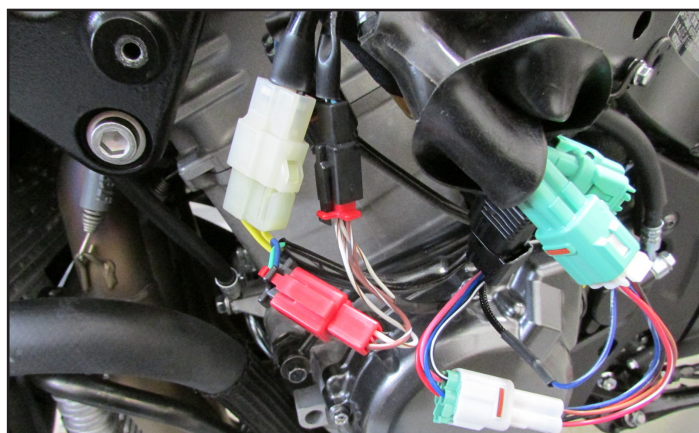
*These connections are on the left side of the motorcycle with a rubber boot over them.*



- 11 Plug the PC6 in-line of the stock CPS and GPS and wiring harness.

- 12 Reinstall the bodywork.

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





# **PUSH THE LIMIT**

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