

# POWER COMMANDER 6

Installation Guide for: PC6-17021

Model Coverage: 2010-2013 Kawasaki Z1000/Ninja 1000

## PARTS LIST



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

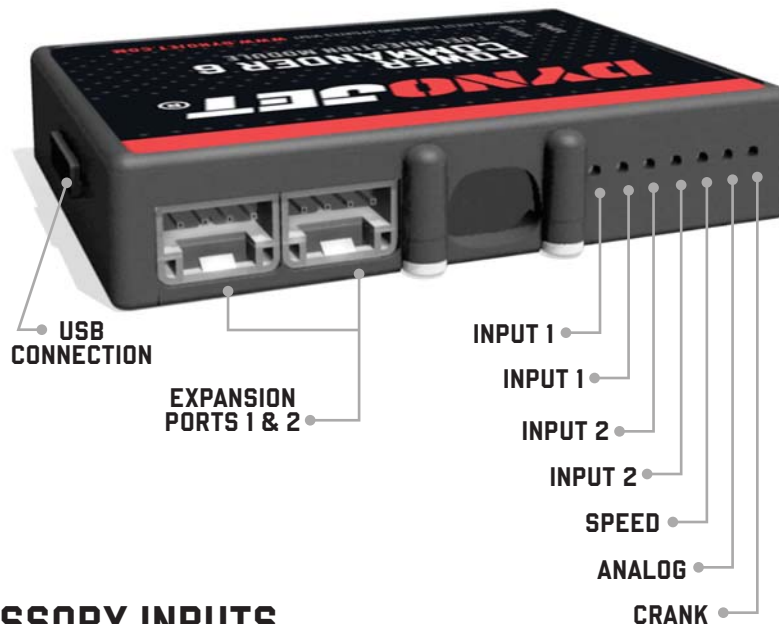
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.  
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-17021.01



# INPUT ACCESSORY GUIDE



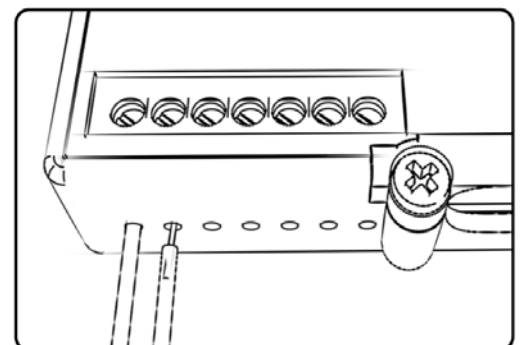
## OPTIONAL ACCESSORY INPUTS

- 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



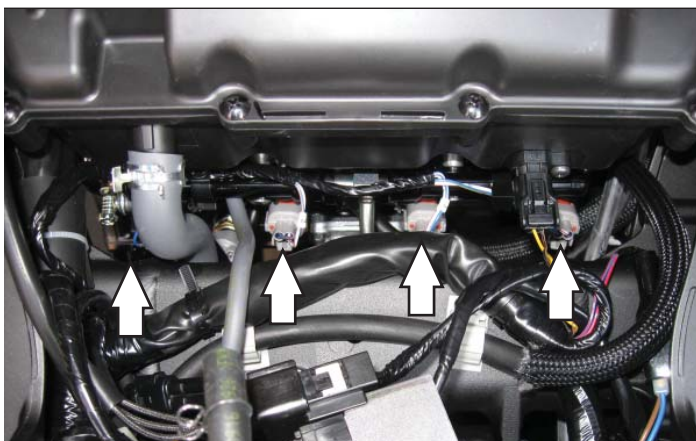
- 1 Remove the main seat and the passenger seat.
- 2 Remove the fuel tank.
- 3 Mount the PC6 to the inner rear fender under the main seat. Use the supplied Velcro to secure the unit in place.

For bikes with a charcoal canister it will sit on top of the canister.

- 4 Route the harness towards the front of the bike along the left hand frame tube.



- 5 Slide the bracket at the rear of the air box upwards.  
This allows access to the injectors.



- 6 Unplug the stock wiring harness from each of the 4 injectors.

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

PC6 harness:

ORANGE - cylinder #1 (left).

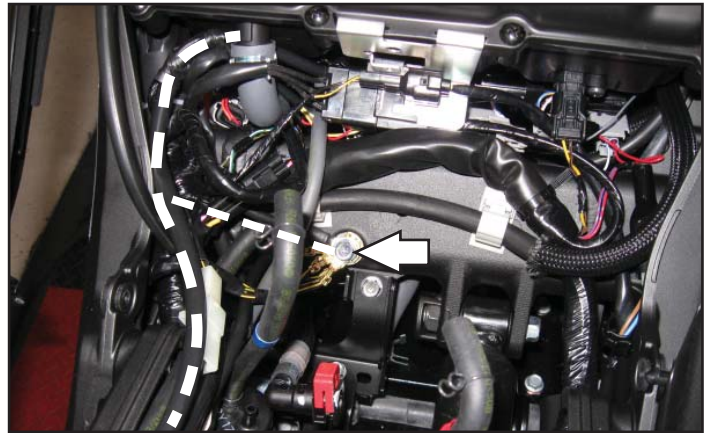
YELLOW - cylinder #2.

GREEN - cylinder #3.

BLUE - cylinder #4 (right).



- 8 Attach the ground wire from the PC6 to the common stock ground wire location.



- 9 Locate the Throttle Position Sensor on the right hand side of the bike

This sensor is behind the coolant hose shown and is the BLACK connector, NOT the GREY connector.



- 10 Unplug the stock wiring harness from the TPS and connect the PC6 in-line of the stock wiring harness and TPS.

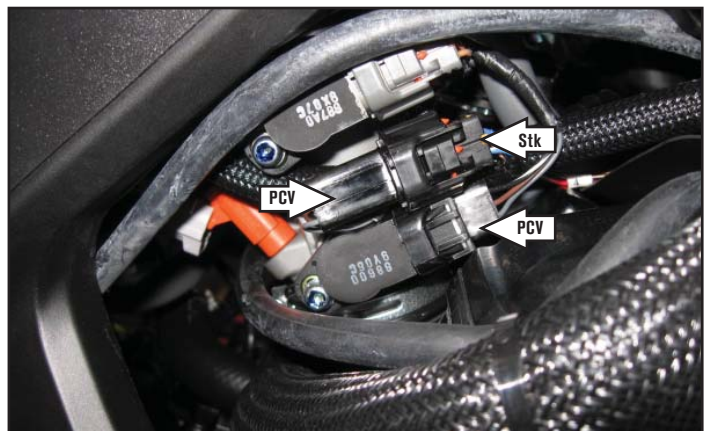
- 11 Reinstall fuel tank and bodywork.

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

#### Optional inputs:

**Speed Input** - YELLOW wire of speed sensor. Located on front sprocket cover.

**Engine Temperature** - WHITE/RED wire of temp sensor located under cylinder #1 intake manifold on rear of cylinder.







**PUSH  
THE  
LIMIT**

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