

POWER COMMANDER 6

Install guide for: PC6-17048

Model coverage: 2013-2016 Kawasaki Z800

PARTS LIST



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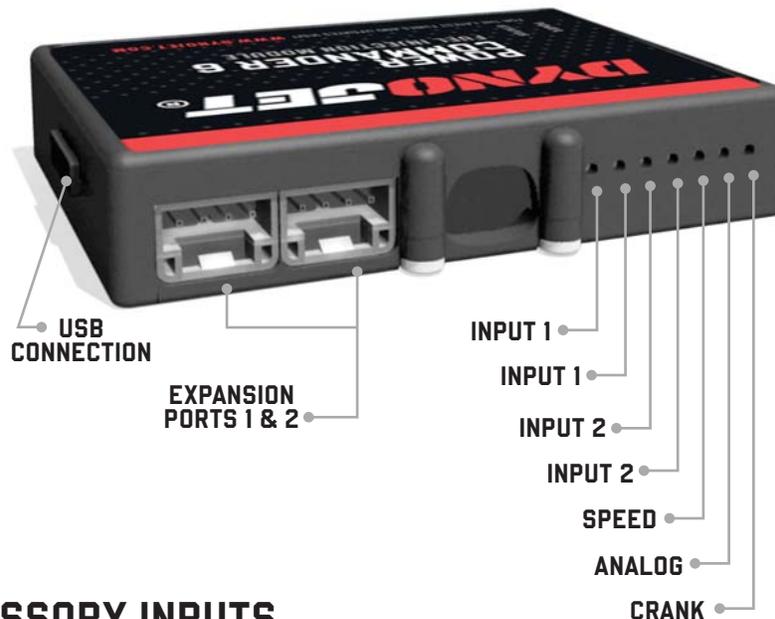
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-17048.01

POWER COMMANDER 6

INPUT ACCESSORY GUIDE



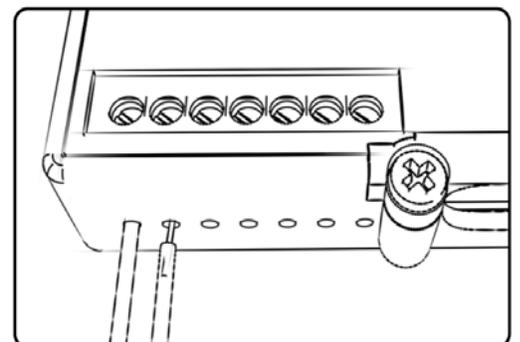
OPTIONAL ACCESSORY INPUTS

- 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 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



The installation can be done without removing the fuel tank but it may make the installation easier by doing so.

- 1 Remove the main seat and the passenger seat.
- 2 Mount the PC6 to the inner rear fender near the battery and fuse box.
- 3 Attach the ground wire of the PC6 to the common ground wire location.
- 4 Route the harness towards the front of the bike along the left hand frame tube.



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

This image only shows the #4 injector. You will need to also remove the harness from the other 3 injectors.



- 6 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)

7 Locate the stock Throttle Position Sensor on the left side of the throttle bodies.

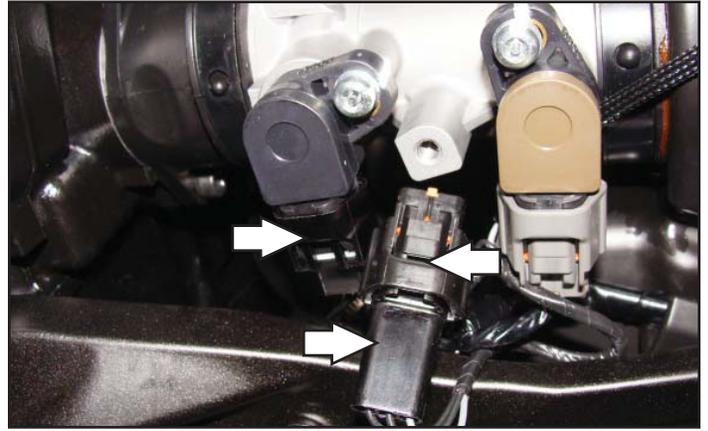
This is the **BLACK** 3-pin connector.

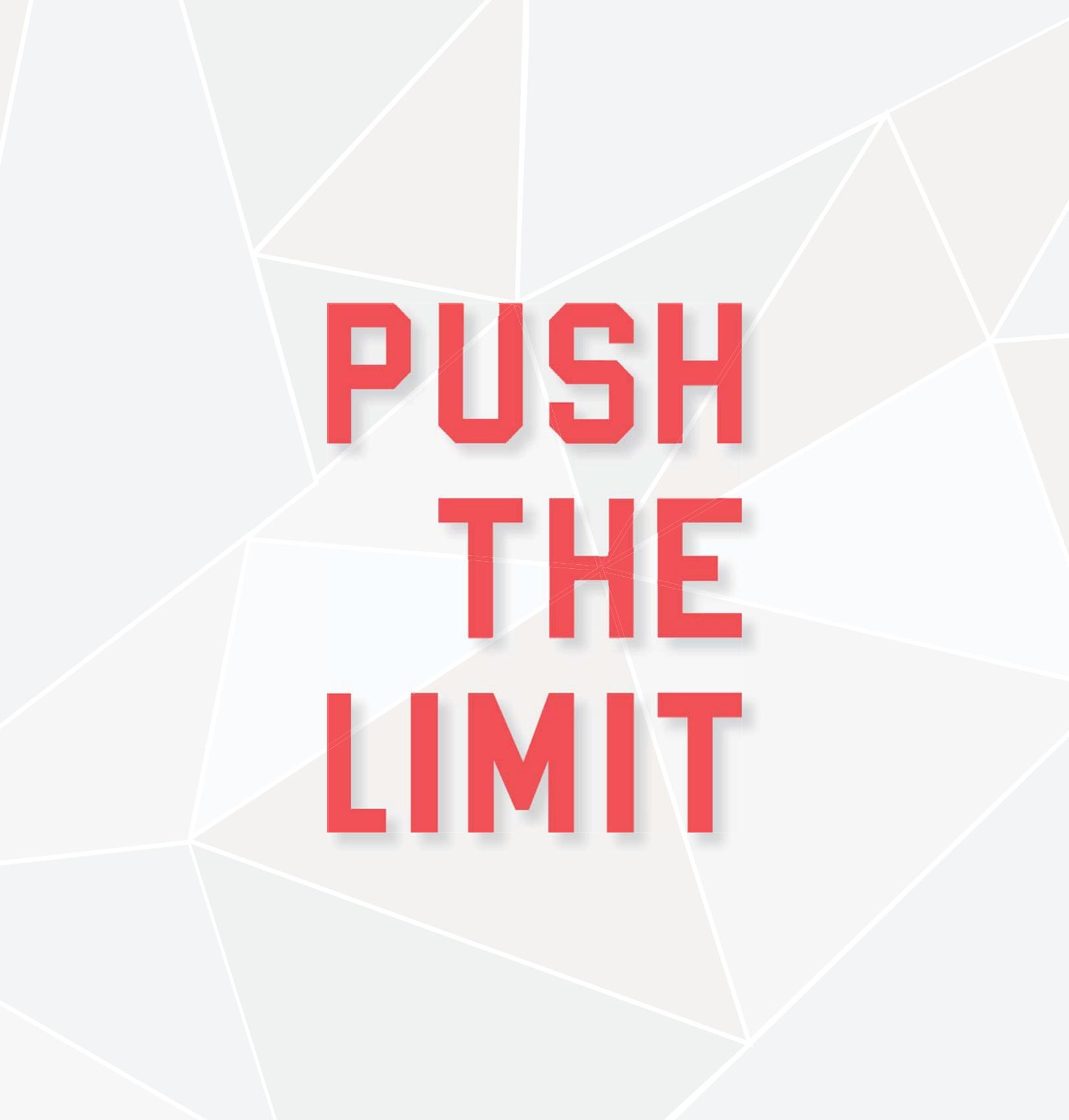
8 Plug the 3-pin connectors from the PC6 in-line of the stock TPS and stock wiring harness.

Do **NOT** plug in-line of the **GREY** connector.

9 Reinstall bodywork and seats.

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





PUSH THE LIMIT

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