

# POWER COMMANDER 6

Installation Guide for: PC6-17012

Model Coverage: 2006-2011 Kawasaki ZX-14R

## 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     | 2 | ZIP TIES               |

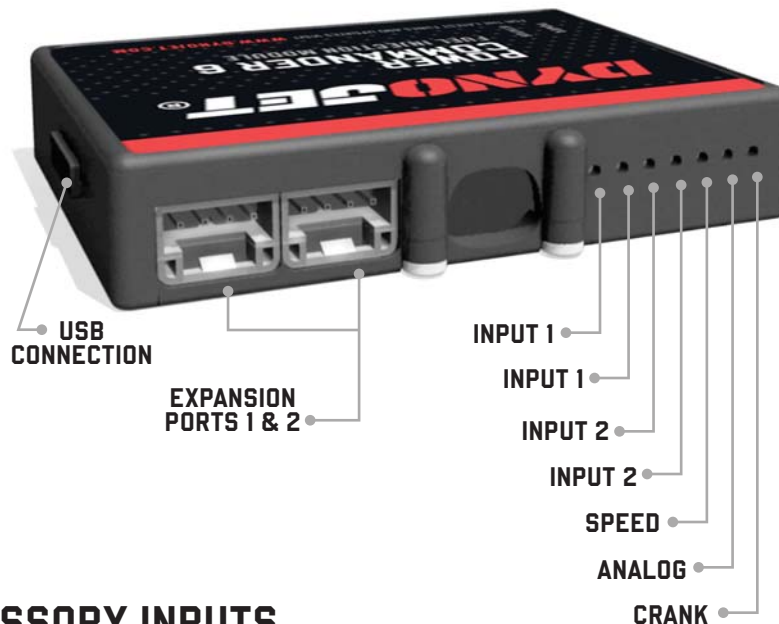
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.  
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-17012.01

**POWER  
COMMANDER**

# INPUT ACCESSORY GUIDE



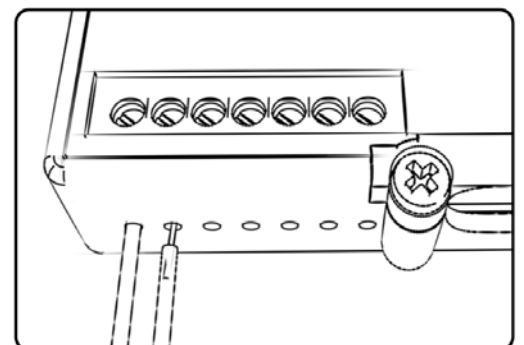
## OPTIONAL ACCESSORY INPUTS

- 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.

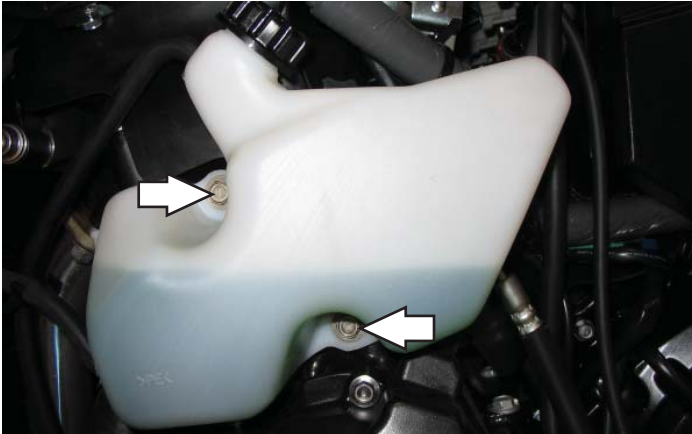
## WIRE CONNECTIONS

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.

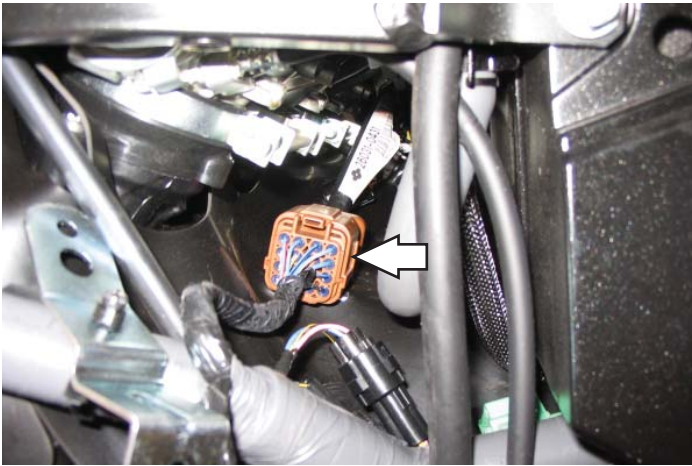


# INSTALLING THE POWER COMMANDER 6



- 1 Remove the left hand fairing and inner fairing.
- 2 Remove the bolts that hold the coolant reserve bottle to the engine.

Let the bottle hang out of the way temporarily.



- 3 Disconnect the stock wiring harness from the throttle body harness.

These connectors are BROWN in color and are located under the throttle bodies.



- 4 Lay the PC6 next to the gauge panel temporarily and route the PC6 harness along the stock wiring harness to the throttle body connection. Use the supplied zip ties to secure the PC6 wiring harness.

- 5 Connect the PC6 in-line of the stock wiring harness and throttle body harness.



- 6 Attach the ground wire from the PC6 to the engine using one of the left engine cover bolts.

- 7 Reinstall the coolant bottle.



- 8 Install the PC6 to the left hand ram air tube. Use the supplied velcro to secure the PC6.

- 9 Reinstall the bodywork.

This bike uses a servo to hold the throttle plate open during cold starts. Make sure the bike is up to operating temperature BEFORE resetting the throttle position on the PCV software.

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

#### Optional inputs:

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

**12v source for Autotune** - RED wire of Ignition Switch harness. Located underneath L.H. ram air tube (near PC6 install).





# **PUSH THE LIMIT**

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