

# [POWER COMMANDER V]

**2007-2008 Kawasaki ZX-6R**

**Installation Instructions**



## **PARTS LIST**

- 1 Power Commander
- 1 USB Cable
- 1 Installation Guide
- 2 Power Commander Decals
- 2 Dynojet Decals
- 2 Velcro strips
- 1 Alcohol swab

**THE IGNITION MUST BE TURNED  
OFF BEFORE INSTALLATION!**

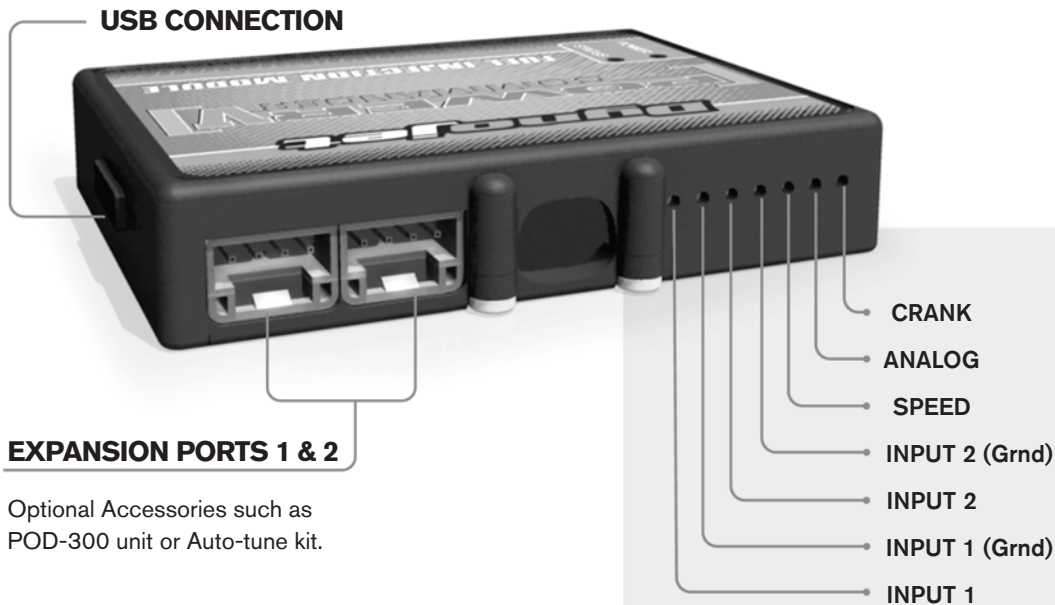
THE LATEST POWER COMMANDER  
SOFTWARE AND MAP FILES CAN BE  
DOWNLOADED FROM OUR WEB SITE AT:  
[www.powercommander.com](http://www.powercommander.com)

**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION**

**Dynojet**

2191 Mendenhall Drive North Las Vegas, NV 89081 (800) 992-4993 [www.powercommander.com](http://www.powercommander.com)

# POWER COMMANDER V INPUT ACCESSORY GUIDE



## Wire connections:

To input wires into the PCV 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 PCV 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.



## ACCESSORY INPUTS

### Map -

(Input 1 or 2) The PCV 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. When using the Autotune kit one position will hold a base map and the other position will let you activate the learning mode. When the switch is "CLOSED" Autotune will be activated. (Set to Switch Input #1 by default.)

### Shifter-

(Input 1 or 2) These inputs are for use with the Dynojet quickshifter. Insert the wires from the Dynojet quickshifter into the SHIFTER inputs. The polarity of the wires is not important. (Set to Switch Input #2 by default.)

### Speed-

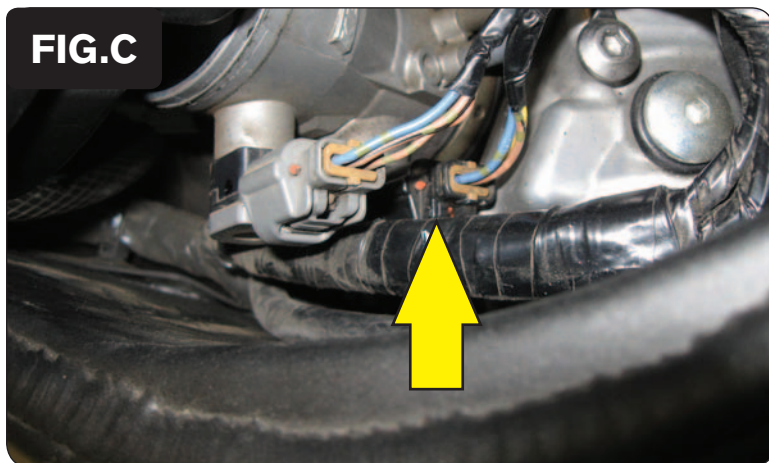
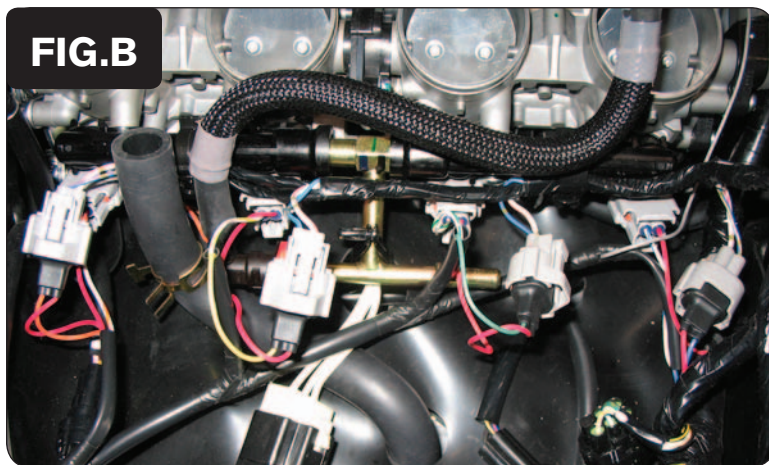
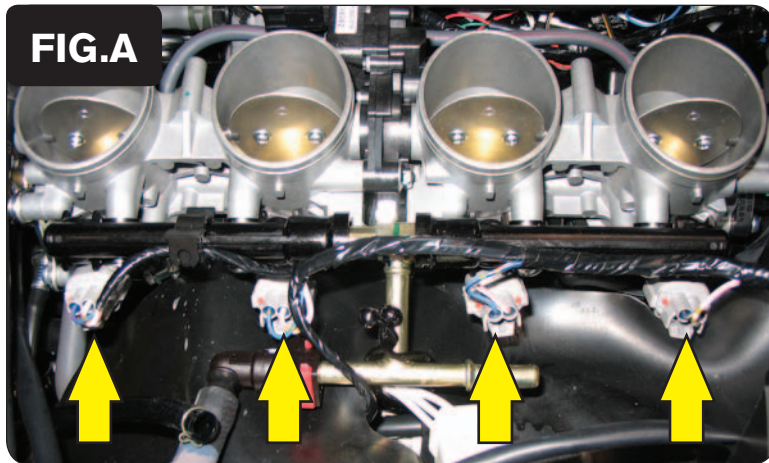
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent kill times when using a quickshifter.

### 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 control center software.

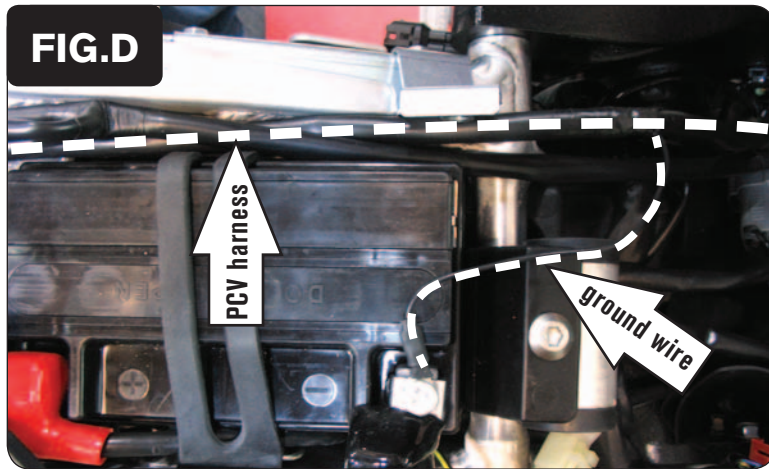
### Crank-

Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.



- 1 Remove the main seat and the passenger seat.
- 2 Prop the front of the fuel tank up.
- 3 Remove the air box.  
*The air box does not need to be completely removed; it just needs to be lifted up far enough to access the Throttle Position Sensor (TPS).*
- 4 Lay the PCV in the tail section and route the harness along side the stock wiring harness towards the throttle bodies.
- 5 Unplug the stock wiring harness from the throttle bodies as shown in Figure A.
- 6 Attach the connectors from the PCV to the stock wiring harness and the throttle bodies as shown in Figure B.
- 7 Locate the TPS connector (Fig. C).  
*The TPS connector is located on the right hand side of the throttle bodies. It is the BLACK connector.*
- 8 Unplug the TPS connector from the throttle bodies and connect the PCV in-line of the throttle bodies and stock wiring harness.





- 9 Attach the ground wire from the PCV to the negative side of the battery as shown in Figure D.



- 10 Using the supplied velcro, secure the PCV in the tail section as shown in Figure E.

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

*Due to the lack of storage room on this motorcycle, this is the best place to secure the PCV. This will require removal of the stock tool kit.*

- 11 Reinstall the air box and the fuel tank.
- 12 Reinstall the main seat and the passenger seat..