

[POWER COMMANDER V]

2009-2012 Kawasaki ZX6R

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
- 1 Posi-tap

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

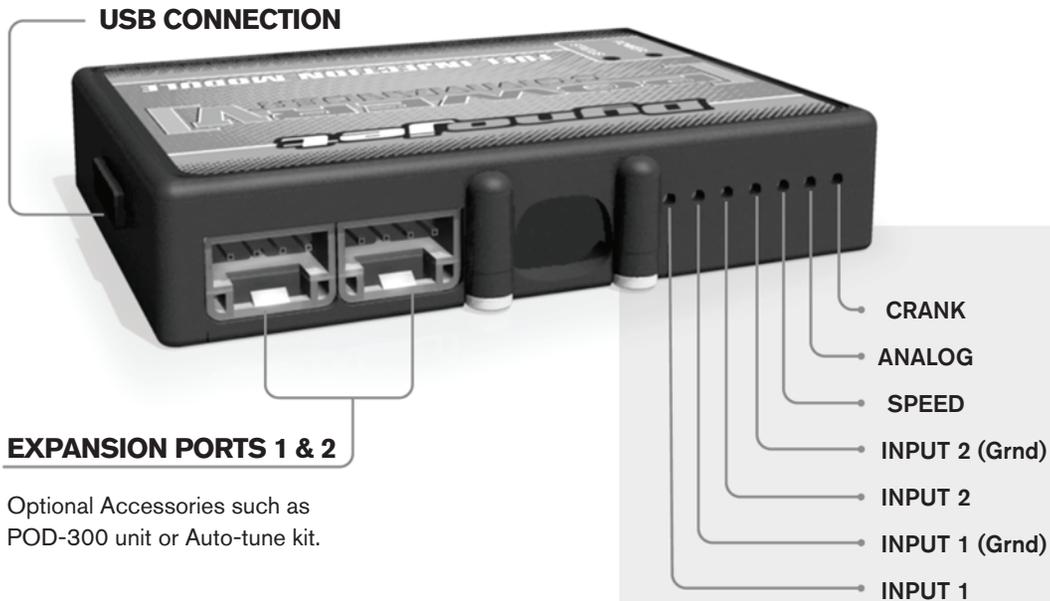
THE LATEST POWER COMMANDER
SOFTWARE AND MAP FILES CAN BE
DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Dynojet

2191 Mendenhall Drive North Las Vegas, NV 89081 (800) 992-4993 www.powercommander.com

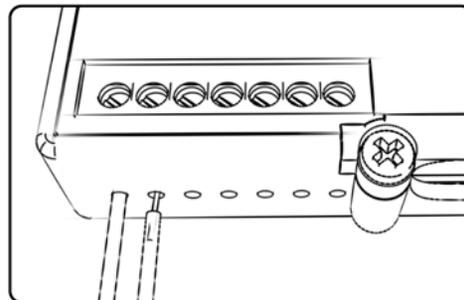
POWER COMMANDER V INPUT ACCESSORY GUIDE



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-

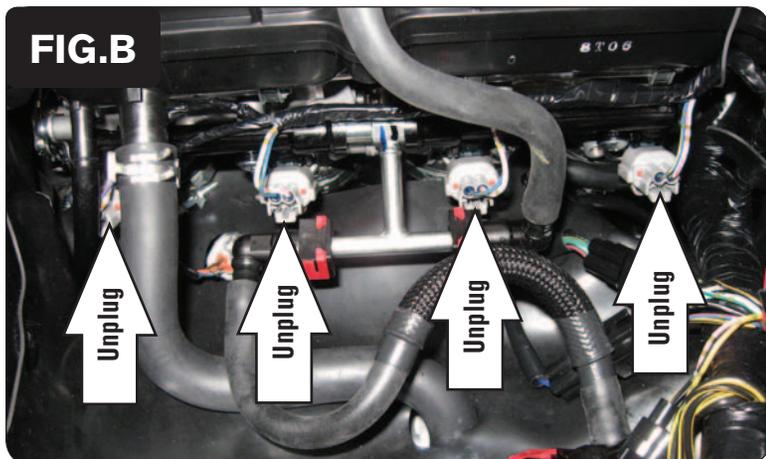
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.



- 1 Remove the main seat and the passenger seat.
- 2 Prop the fuel tank up.
- 3 Using the supplied velcro, secure the PCV in the tail section as shown in Figure A.

Be sure to clean both surfaces with the supplied alcohol swab prior to applying the Velcro.

- 4 Route the PCV harness down the left side of the bike.

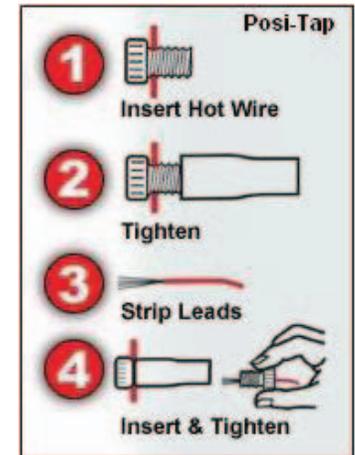
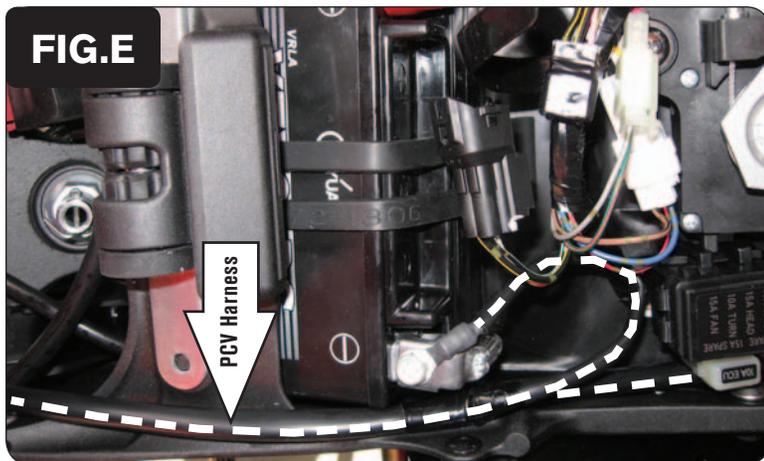
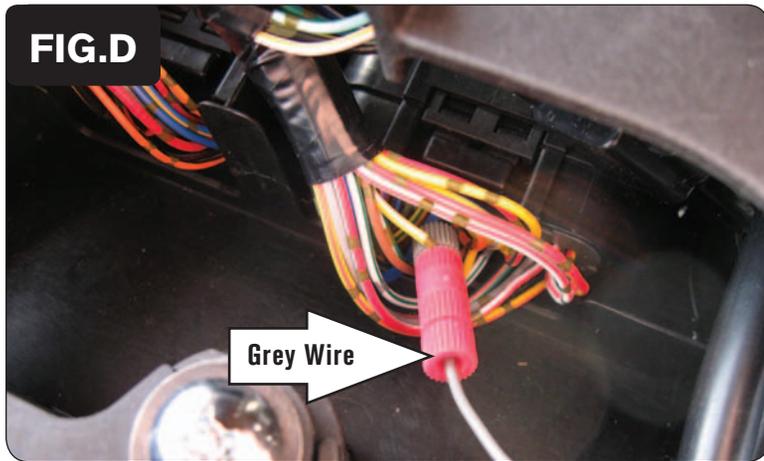


- 5 Unplug the stock wiring harness from each of the lower fuel injectors (Fig. B).

The lower injectors are located on the throttle bodies.



- 6 Attach the connectors from the PCV to the stock wiring harness and each injector (Fig. C).



- 7 Locate the YELLOW/WHITE wire on the left ECU plug (Fig. D).
- 8 Using the supplied posi-tap, attach the GREY wire from the PCV to the YELLOW/WHITE wire of the stock harness.
- 9 Attach the ground wire of the PCV with the 6mm ring lug to the negative terminal of the bike's battery (Fig. E).
- 10 Reinstall the fuel tank.
- 11 Reinstall the main seat and the passenger seat.

Optional Inputs:

Speed - YELLOW wire - Sensor is on the front sprocket cover, or use pin 6 on the left ECU connector

Engine Temperature - ORANGE wire - pin 9 on the left ECU connector

12v source for Auto-tune - RED wire at the tail light connector