

[POWER COMMANDER V]

2009 Kawasaki ZG1400

Installation Instructions



Parts List

- 1 Power Commander
- 1 USB Cable
- 1 CD-ROM
- 1 Installation Guide
- 2 Power Commander Decals
- 2 Dynojet Decals
- 2 Velcro® Strip
- 1 Alcohol Swab

The ignition MUST be turned OFF before installation!

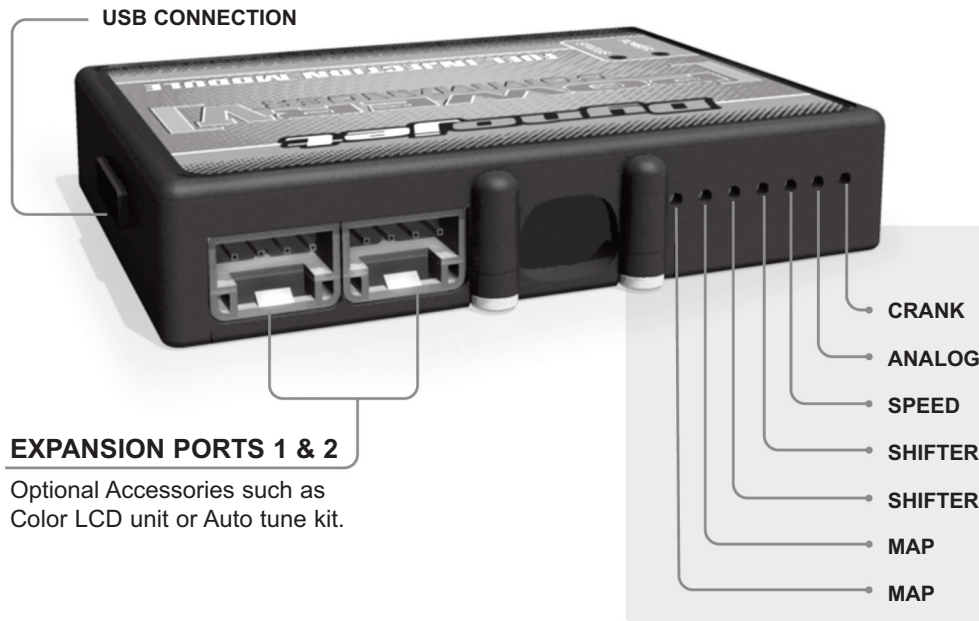
YOU CAN ALSO DOWNLOAD THE
POWER COMMANDER SOFTWARE AND
LATEST MAPS FROM OUR WEB SITE AT:
WWW.POWERCOMMANDER.COM

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Dynojet

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

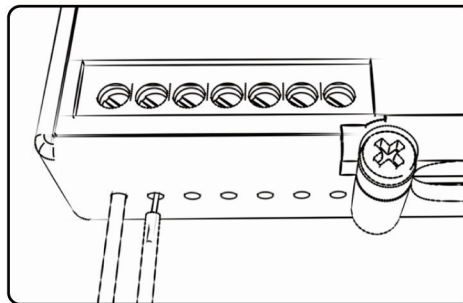
POWER COMMANDER V INPUT ACCESSORY GUIDE



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 -

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.

Shifter-

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.

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.

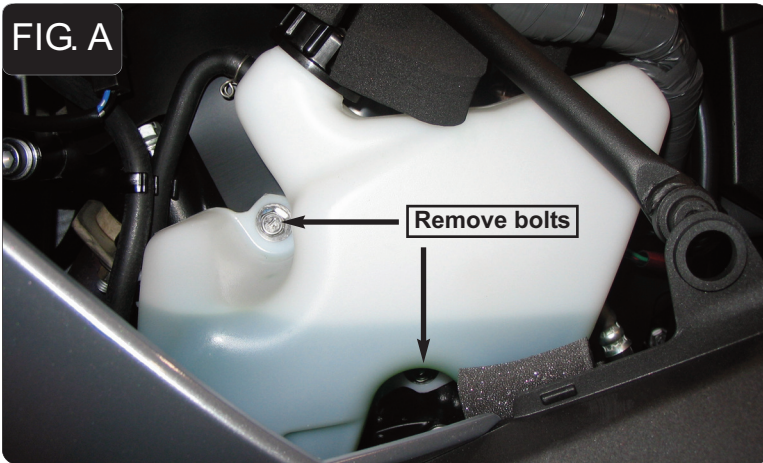
Analog-

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-

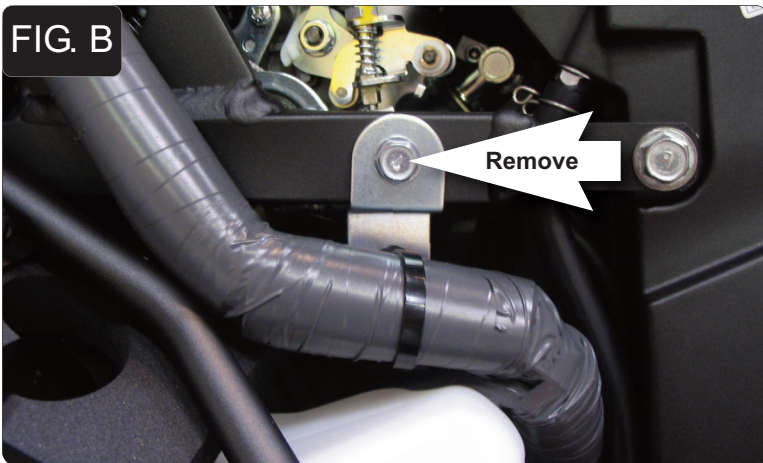
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.

FIG. A



1. Remove the left hand fairing and inner fairing.
2. Remove the bolts that hold the coolant reserve bottle to the engine (Fig. A). Let the bottle hang out of the way temporarily.

FIG. B

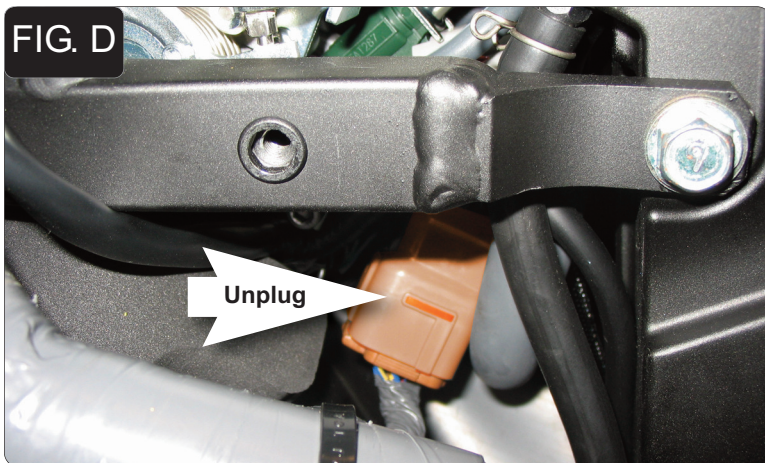


3. Remove the bolt shown in Figure B.

FIG. C



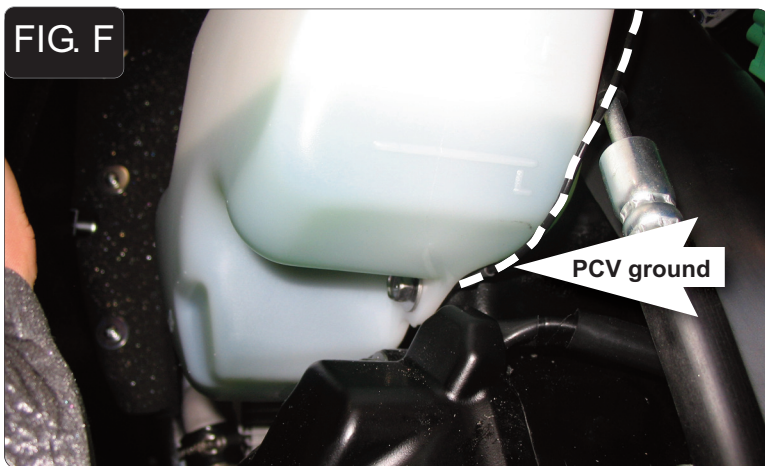
4. Install the PCV to the left hand ram air tube. Use the supplied velcro to secure the PCV in place.



- 5 Disconnect the stock wiring harness from the throttle body harness (Fig. D). These connectors are BROWN in color and are located under the throttle bodies.



- 6 Connect the PCV in-line of the stock wiring harness and throttle body harness (Fig. E).
- 7 Reinstall the bracket and bolt that was removed in step 3.



- 8 Attach the ground wire from the PCV to the engine using the stock lower bolt that holds the coolant reserve bottle to the engine (Fig. F). Make sure the ground wire from the PCV is between the coolant bottle and the engine.
- 9 Reinstall the bodywork.

NOTE: *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 PCIII software.*

Speed input - PINK wire on speed sensor -

12v source for Auto tune - RED/BLUE wire for tail light. Use the wire going to the fuse box.