POWER COMMANDER V

2006-2007 Kawasaki ZX-10R

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

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Dynojet

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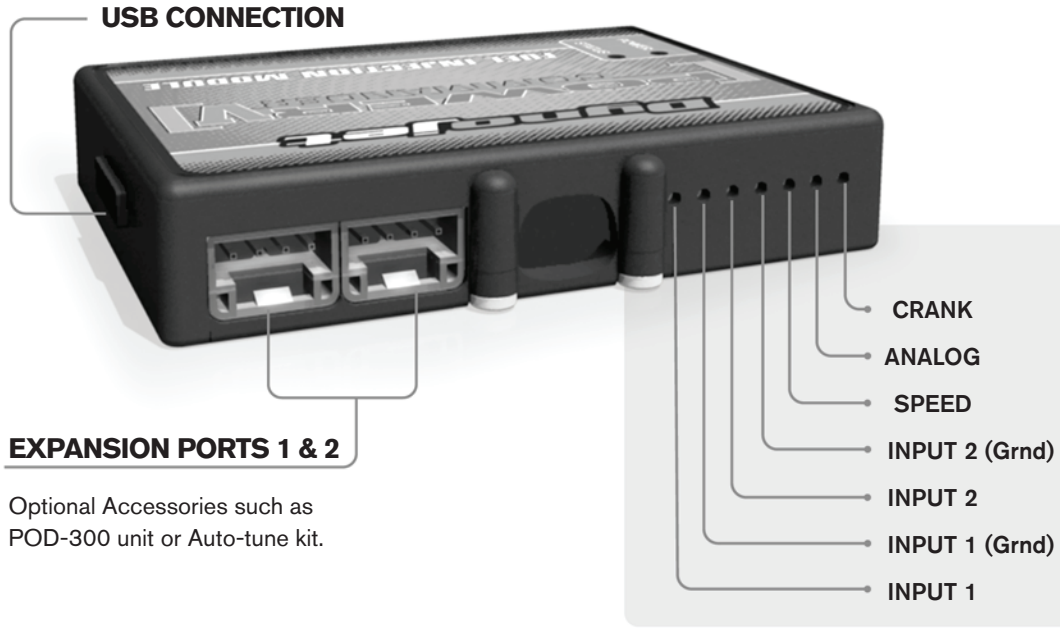
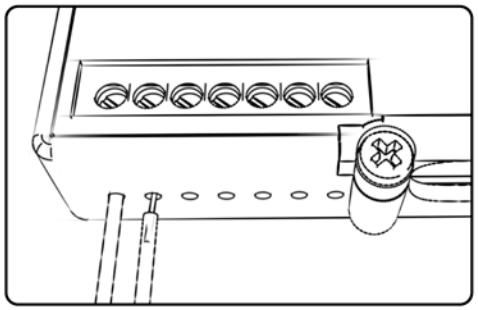
POWER COMMANDER V
INPUT ACCESSORY GUIDE



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 is 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

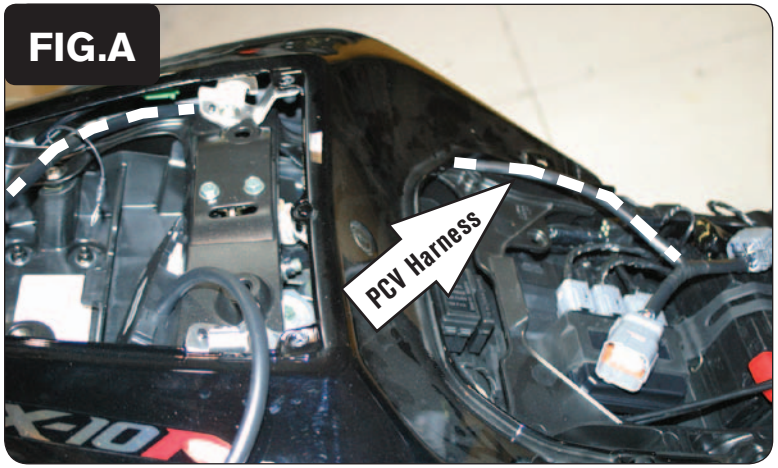
Map - (Input 1 or 2) The PCV has the ability to hold 2 different base maps. You can switch on the fly between these two base maps when you hook up a switch to the MAP inputs. You can use any open/close type switch. The polarity of the wires is not important. When using the Autotune kit one position will 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.)

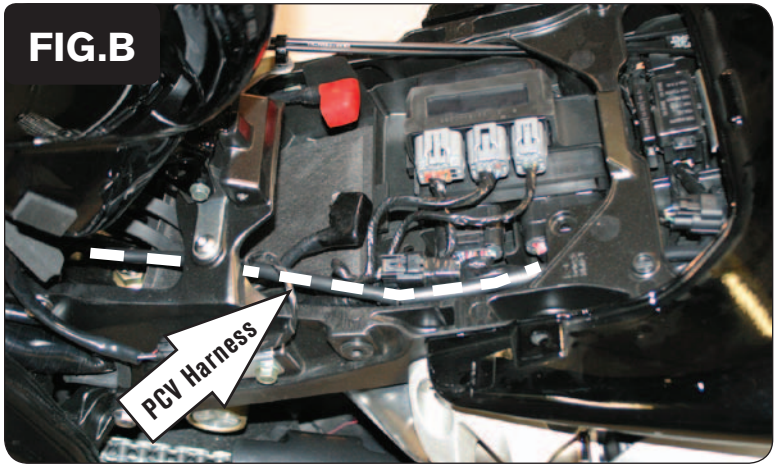
Shifter- (Input 1 or 2) These inputs are for use with the Dynojet quickshifter. Insert the wires from the Dynojet quickshifter into the SHIFTER inputs. The polarity of the wires is not important. (Set to Switch Input #2 by default.)

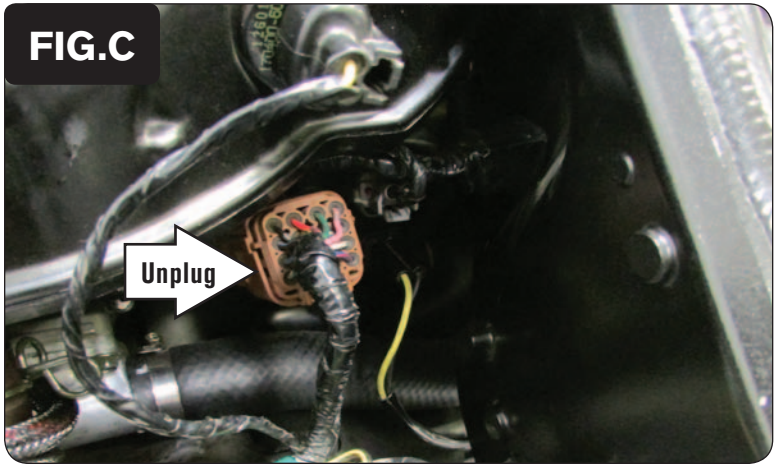
Speed- If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent 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 Place the PCV module in the tail section and route the wiring harness on the inside of the tail section towards the front of the bike (Fig. A).

3 Unbolt the front of the fuel tank and prop it up.

4 Route the PCV harness down the left hand side of the bike going beneath the fuel tank bracket (Fig. B).

5 Locate and unplug the sub-harness connector for the bike's fuel rail (Fig. C).

This is a 16-pin BROWN connector on the right hand side of the bike under the fuel tank and behind the engine.

FIG.D

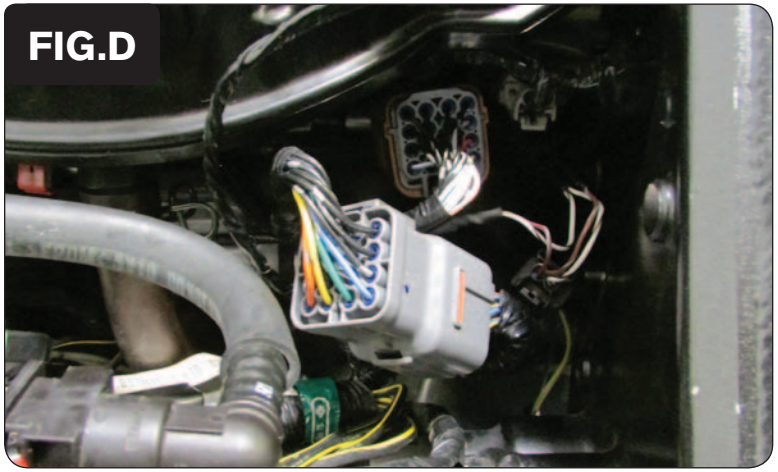


FIG.E

6 Plug the pair of PCV connectors in-line of the stock connectors (Fig. D).

7 Secure the PCV ground wire with the ring lug to the negative terminal of the bike's battery.

8 Use the supplied Velcro to secure the PCV module in the tail section (Fig. E).

Clean the surface area with the supplied alcohol swab prior to applying the Velcro.

9 Secure the front of the fuel tank and reinstall the seats.

Optional Inputs:

Speed - BLUE/YELLOW wire. Senor is located on the left hand side of the engine case in front of the countershaft sprocket.

Engine Temperature - BLUE/WHITE wire on the GREY 10-pin connector under the fuel tank.

12v source for Auto-tune - RED wire of the taillight connector.