[POWER COMMANDER V]

2008-2010 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!

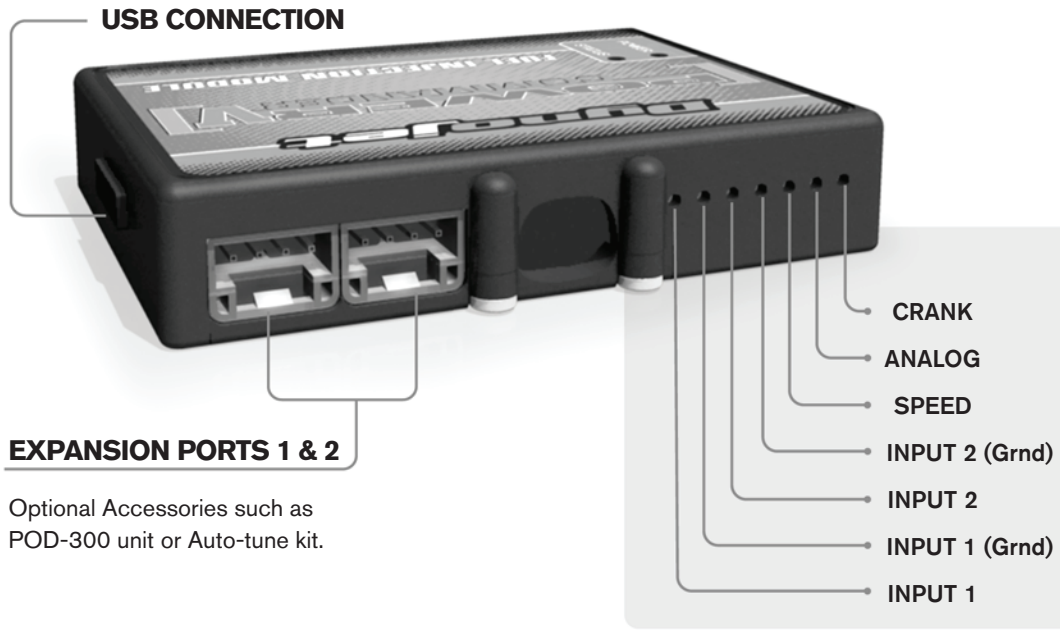
THE LATEST POWER COMMANDER SOFTWARE AND MAP FILES CAN BE DOWNLOADED FROM OUR WEB SITE AT: www.powercommander.com

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Dynojet

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

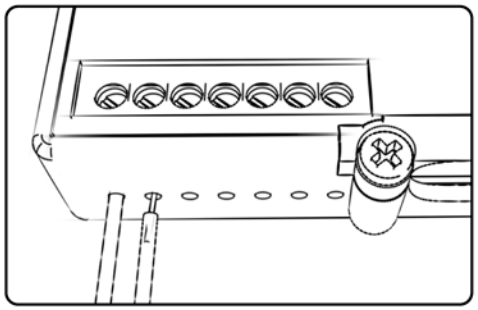
POWER COMMANDER V
INPUT ACCESSORY GUIDE



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 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

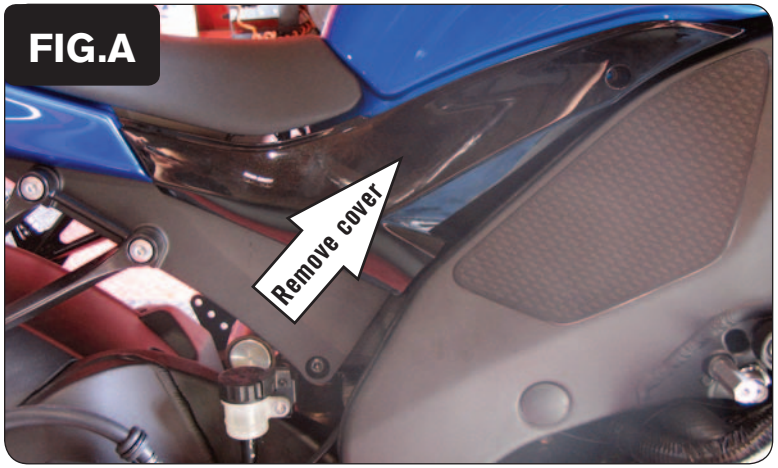
Map - (Input 1 or 2) The PCV has the ability to hold 2 different base maps. You can switch on the fly between these two base maps when you hook up a switch to the MAP inputs. You can use any open/close type switch. The polarity of the wires is not important. When using the Autotune kit one position will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

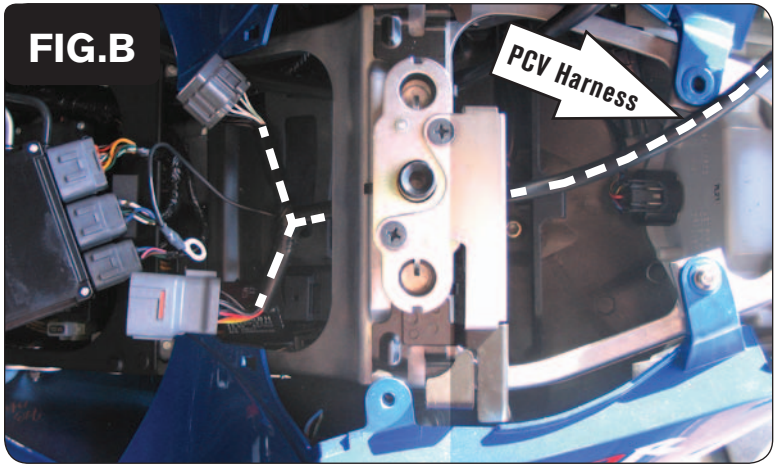
Shifter- (Input 1 or 2) These inputs are for use with the Dynojet quickshifter. Insert the wires from the Dynojet quickshifter into the SHIFTER inputs. The polarity of the wires is not important. (Set to Switch Input #2 by default.)

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 Remove the covers for each side of the fuel tank as shown in Figure A.

3 Prop the front of the fuel tank up.

4 Slide the junction box that is under the main seat from it's rubber sleeve.

This allows room for the PCV harness.

5 Route the PCV harness underneath the subframe crossover as shown in Figure B.

6 Unplug the BROWN 16-pin connector from the throttle bodies as shown in Figure C.

This connector is located under the fuel tank on the right hand side of the bike.

FIG.D

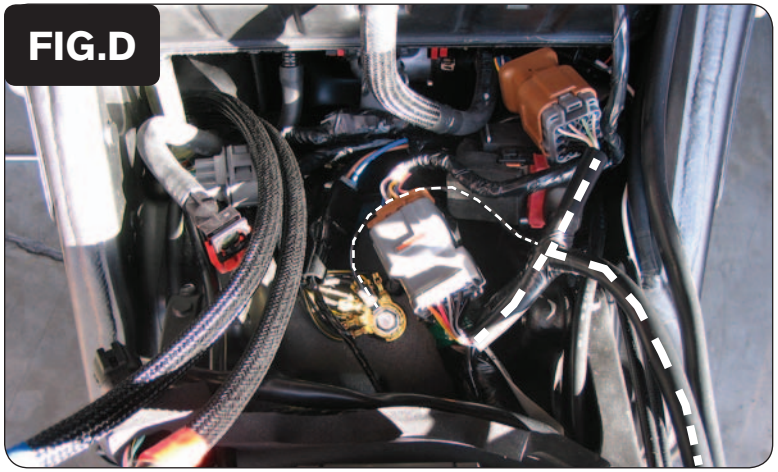


FIG.E

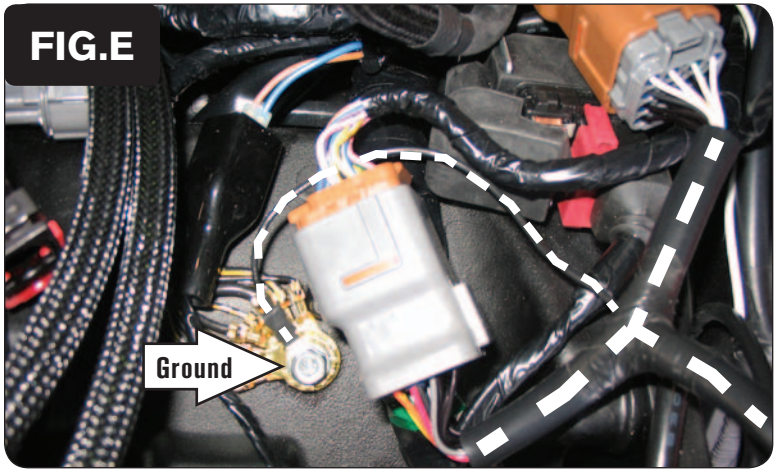


FIG.F

7 Attach the connectors from the PCV to the stock wiring harness and throttle body harness as shown in Figure D.

8 Attach the ground wire from the PCV to the stock wiring harness chassis ground as shown in Figure E.

This connection is next to the PCV connection and starter relay.

9 Install the PCV in the tail section as shown in Figure F.

10 Lower the fuel tank.

11 Replace the covers.

12 Reinstall the main seat and the passenger seat.

Optional inputs:

Speed - BLUE/YELLOW wire. The sensor is located on the left hand side of the engine case in front of the c/s sprocket.

Engine Temperature - LIGHT ORANGE wire on 10-pin grey connector under the fuel tank.

12v source for Auto tune - RED wire of tail light connector.