

# [POWER COMMANDER V]

**2007-2010 Honda CB600F**

**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 O2 Optimizer

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

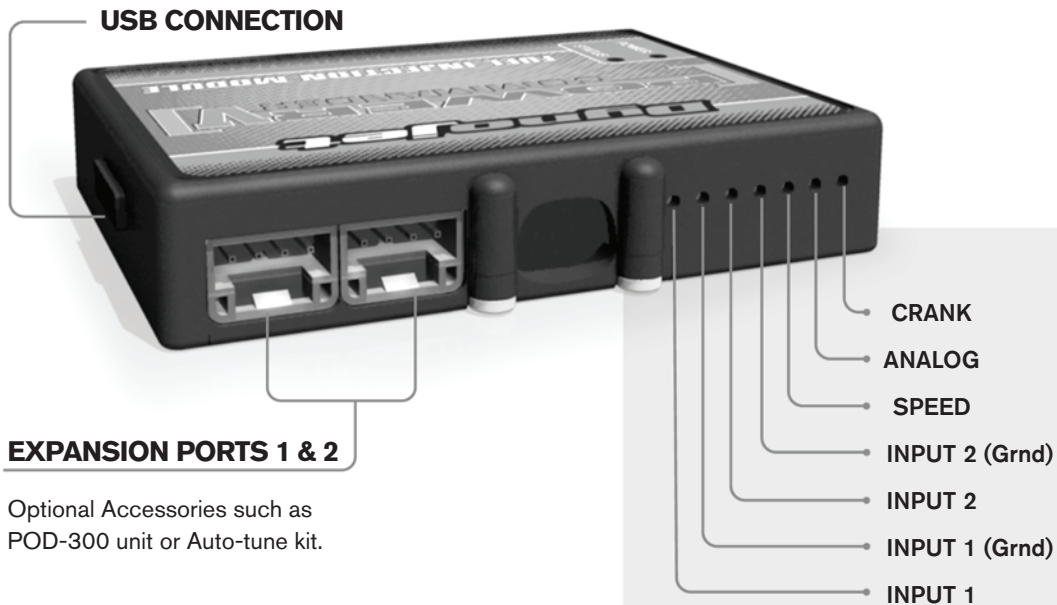
THE LATEST POWER COMMANDER  
SOFTWARE AND MAP FILES CAN BE  
DOWNLOADED FROM OUR WEB SITE AT:  
[www.powercommander.com](http://www.powercommander.com)

**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)

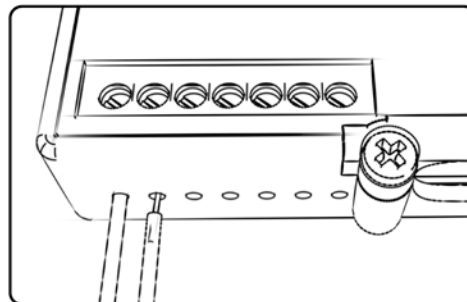
# POWER COMMANDER V INPUT ACCESSORY GUIDE



## 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-

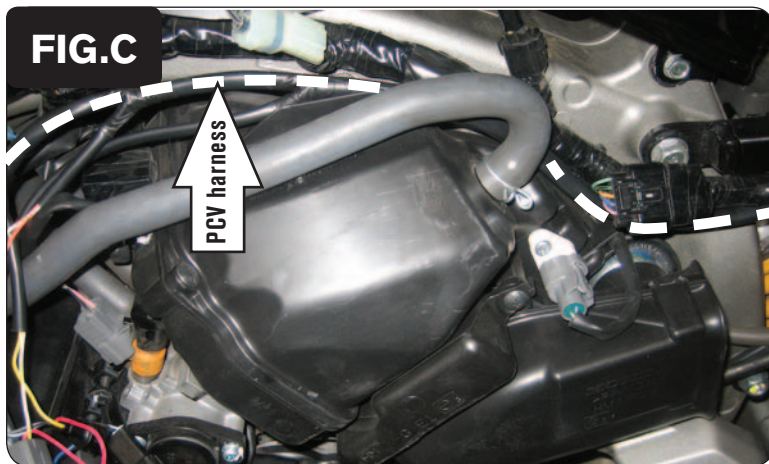
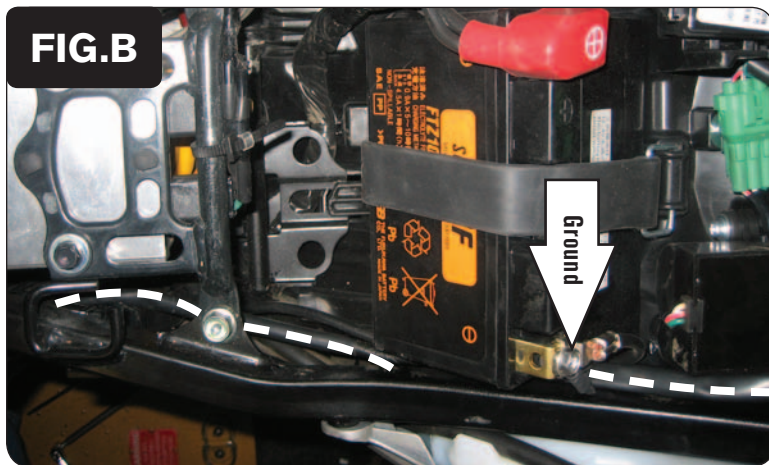
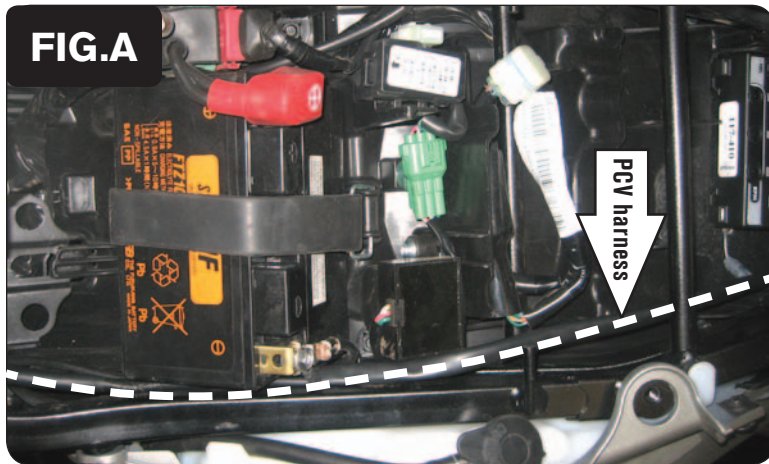
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent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

### Analog-

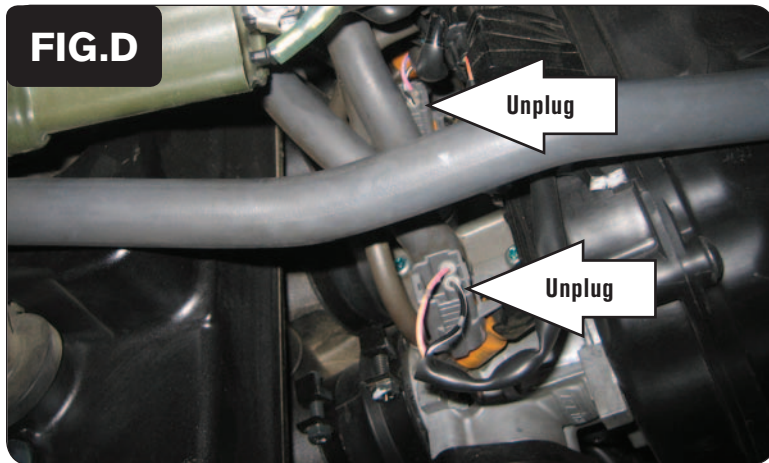
This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the control center software.

### Crank-

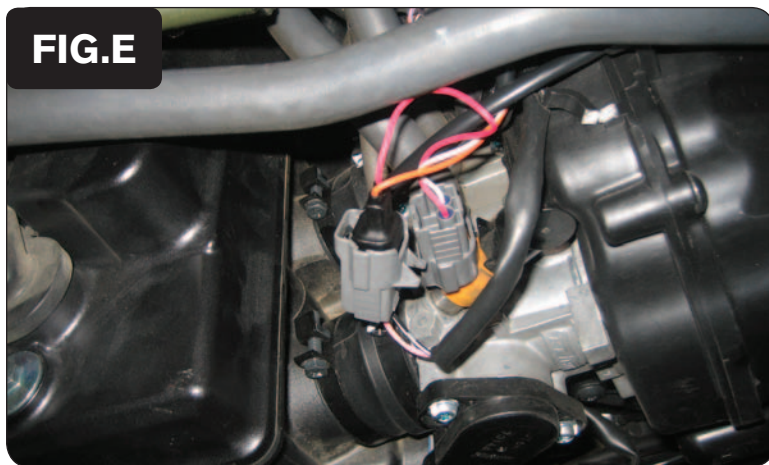
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.



- 1 Remove the seat.
- 2 Remove both BLACK side panels.
- 3 Remove or prop the fuel tank up.
- 4 Lay the PCV in the tail section and route the PCV harness towards the front of the bike (Fig. A).
- 5 Route the PCV harness down the left hand side of the bike; going underneath the frame crossover bracket (Fig. B).  
*Make sure the harness is routed so as to not be damaged by the fuel tank.*
- 6 Attach the ground wire from the PCV to the negative side of the battery (Fig. B).
- 7 Route the PCV harness along the left hand side of the frame spar (Fig. C).



8 Unplug the stock wiring harness for cylinders #2 and #3 (Fig. D).



9 Plug the connectors from the PCV in-line of the stock injectors and wiring harness (Fig. E).

*This picture only shows cylinder #1. Repeat steps 8-9 for all 4 injectors.*

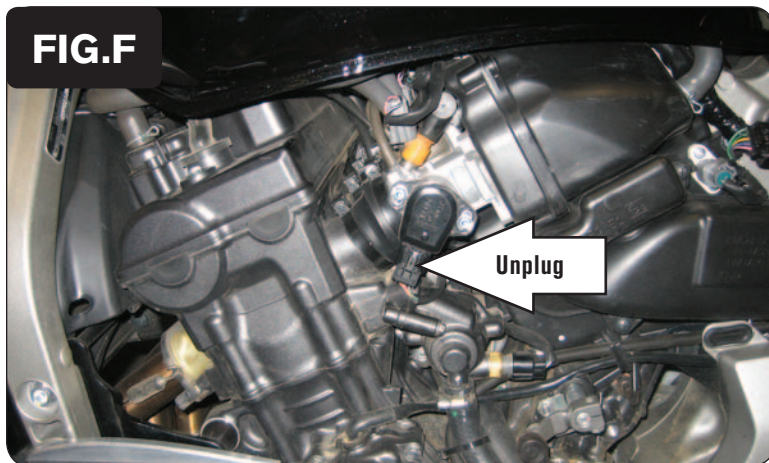
PCV harness:

ORANGE - cylinder #1

YELLOW - cylinder #2

GREEN - cylinder #3

BLUE - cylinder #4



10 Locate the Throttle Position Sensor on the left hand side of the throttle bodies. Unplug this connector (Fig F).



- 11 Plug the connectors from the PCV in-line of the TPS and stock wiring harness (Fig. G).



- 12 Locate the stock O2 sensor wiring harness connection to the main wiring harness (Fig. H).  
*This connection is underneath the fuel tank on the right hand side of the air box.*



- 13 Plug the Dynojet O2 Optimizer into the main wiring harness.  
*The stock O2 sensor can be left disconnected or removed from the exhaust if you have a way to cap the exhaust.*
- 14 Secure the PCV to the tail section using the supplied Velcro.  
*Make sure to use the alcohol swab to clean both surfaces before mounting.*
- 15 Reinstall the fuel tank and seat.