

# [POWER COMMANDER V]

**2015 Arctic Cat Wildcat 1000**

## 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
- 2 Zip Ties
- 1 O2 Optimizer

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

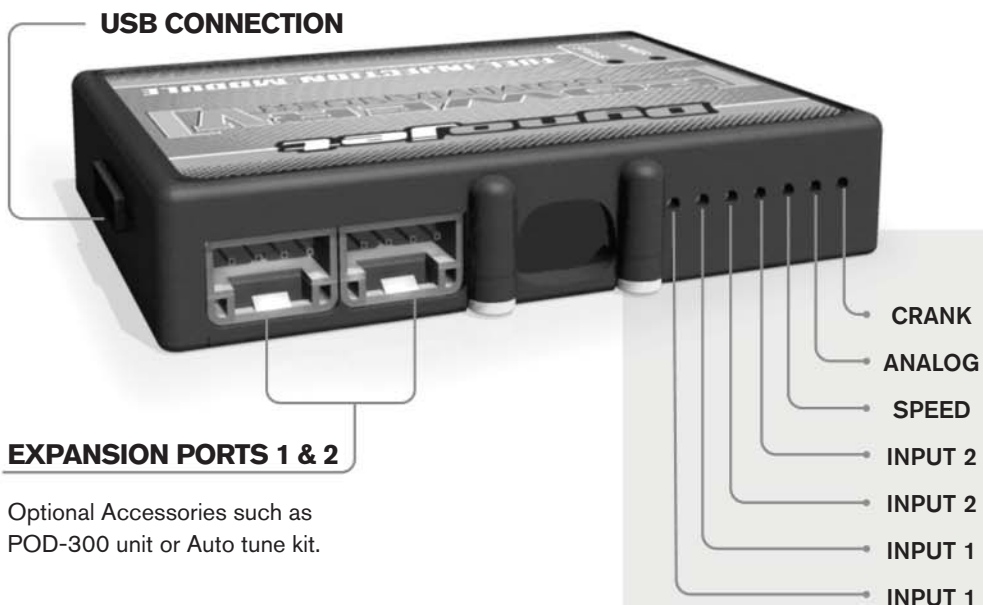
YOU CAN ALSO DOWNLOAD THE  
POWER COMMANDER SOFTWARE AND  
LATEST MAPS FROM OUR WEB SITE AT:  
[www.powercommander.com](http://www.powercommander.com)

**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



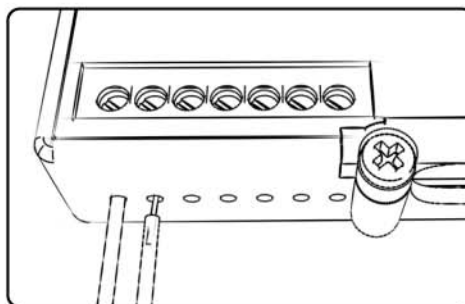
## EXPANSION PORTS 1 & 2

Optional Accessories such as  
POD-300 unit or Auto tune kit.

### Wire connections:

1. Remove the rubber plug on the backside of the unit and loosen the screw for the corresponding input.
2. Using a 22-24 gauge wire, strip about 10mm from its end.
3. Push the wire into the hole of the PCV until it stops and then tighten the screw.
4. Make sure to reinstall the rubber plug.

**Note:** If you tin the wires with solder it will make inserting them easier.



## ACCESSORY INPUTS

### Input 1

The PCV has the ability to hold two different base maps. You can switch on the fly between these two base maps when you connect a switch to input 1. 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.

### Input 2

The function of the switch input is configurable in the Control Center Software. You can use any open/close type switch. The polarity of the wires is not important.

### Speed

If your application has a speed sensor, you can tap into the signal side of the sensor and run a wire into this input.

### 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 drivers seat.
- 2 Remove the panel behind the drivers seat as shown in Figure A.



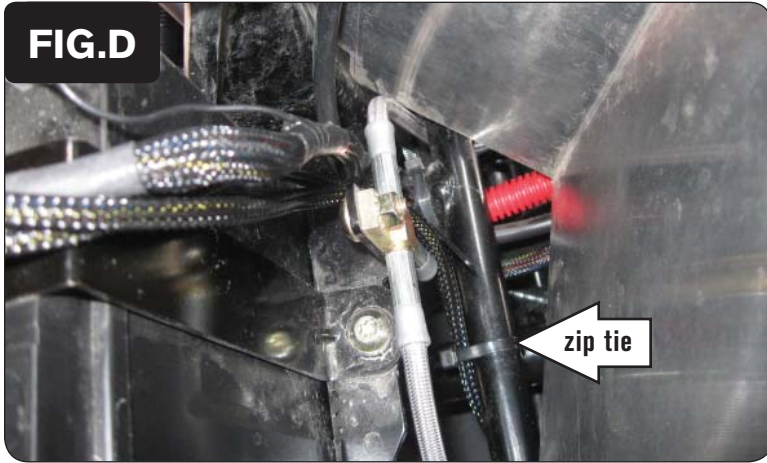
- 3 Remove the cover over the center console as shown in Figure B.



- 4 Using the supplied velcro, secure the PCV to the top of the battery as shown in Figure C.  
Make sure to clean both surfaces with the alcohol swab before attaching.
- 5 Attach the ground wire from the PCV harness to the negative battery terminal as shown in Figure C.

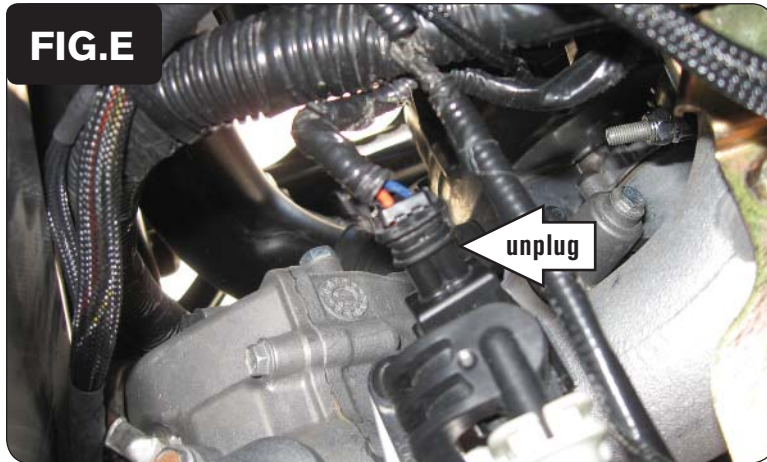


**FIG.D**



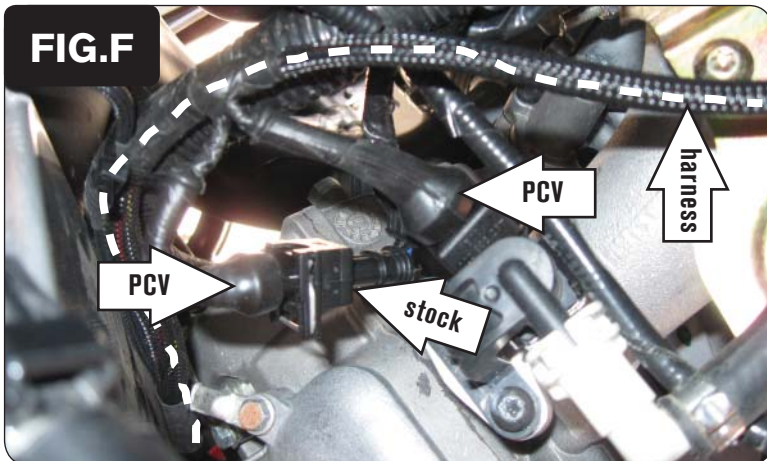
- 6 Route the PCV harness down the back side of the battery, go underneath the frame crossover, and up the inside of the aluminum panel as shown in Figure D.
- 7 Using the supplied zip ties, secure the PCV wiring harness to the frame. Make sure the harness does not interfere with the drive shaft.

**FIG.E**

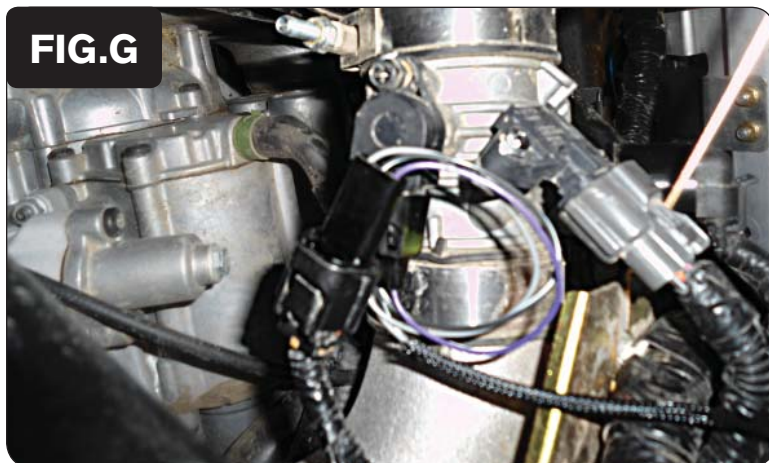


- 8 Unplug the stock wiring harness from the front fuel injector as shown in Figure E.

**FIG.F**



- 9 Attach the connectors with the orange colored wires from the PCV harness to the front fuel injector and stock harness as shown in Figure F.

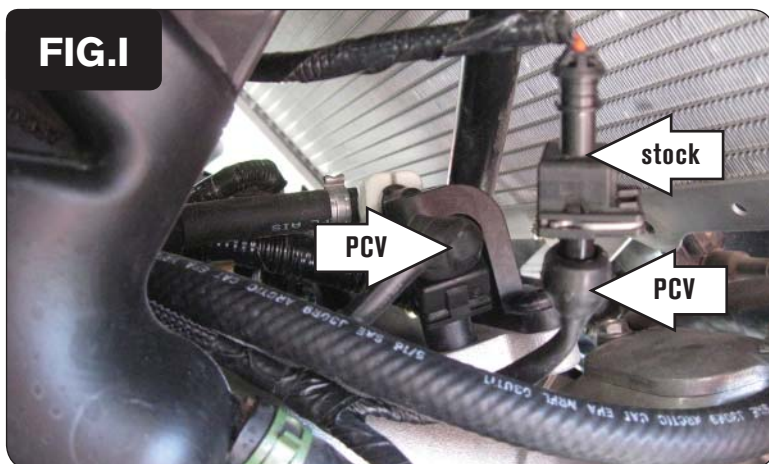


- 10 Unplug the stock wiring harness from the Throttle Position Sensor.
- 11 Attach the 3-pin connectors from the PCV harness to the Throttle Position Sensor and stock harness as shown in Figure G.

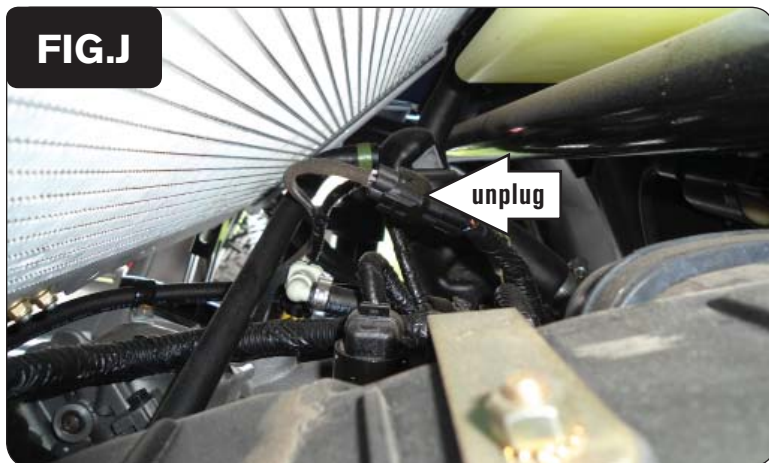
This connection is difficult to access. Figure G was taken from underneath the vehicle, looking up at the throttle body.



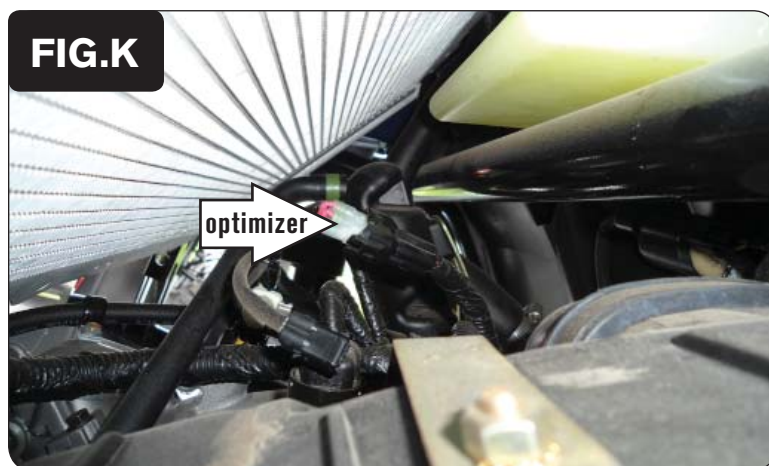
- 12 Unplug the stock wiring harness from the rear fuel injector as shown in Figure H.



- 13 Attach the connectors with the yellow colored wires from the PCV harness to the rear fuel injector and stock harness as shown in Figure I.



- 14 Unplug the factory O2 sensor connector located on top of the engine in front of the radiator as shown in Figure J.



- 15 Plug the supplied Dynojet O2 Optimizer into the connector as shown in Figure K.

The sensor will no longer be connected to anything.

- 16 Replace the center console cover, panel, and drivers seat.

Visit [www.powercommander.com](http://www.powercommander.com) to download software tutorials and firmware updates.