

# [POWER COMMANDER V]

## FUEL AND IGNITION

**2008-2010 Polaris RZR / RZR S**

### Installation Instructions



#### PARTS LIST

- 1 Power Commander
- 1 USB Cable
- 1 Installation Guide
- 2 Power Commander Decals
- 2 Dynojet Decals
- 2 Dual Lock strips
- 1 Alcohol swab
- 2 Zip ties

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

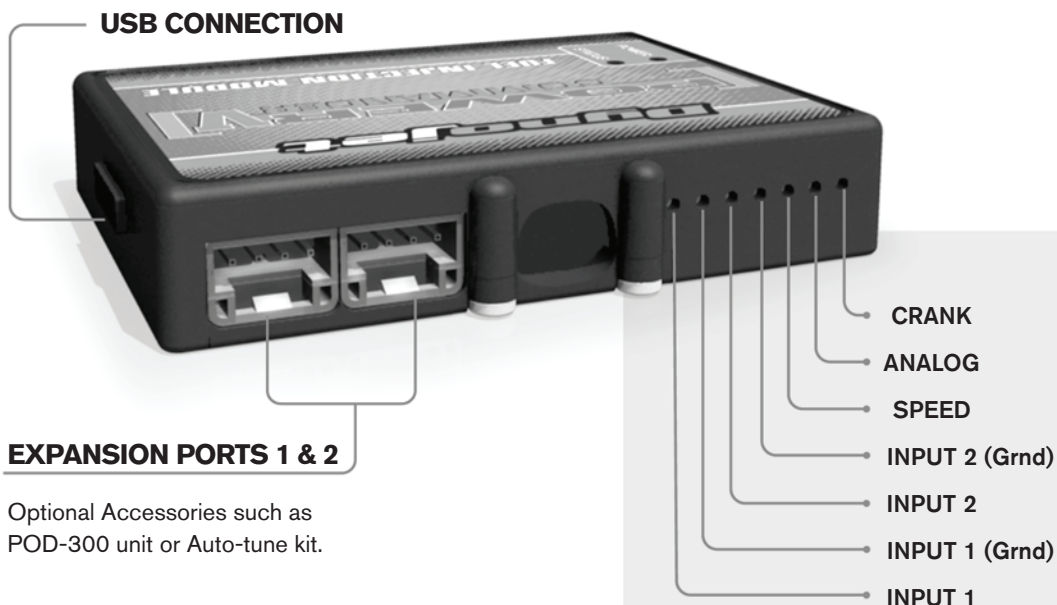
THE LATEST POWER COMMANDER  
SOFTWARE AND MAP FILES CAN BE  
DOWNLOADED FROM OUR WEB SITE AT:  
[www.powercommander.com](http://www.powercommander.com)

**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



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

## 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-

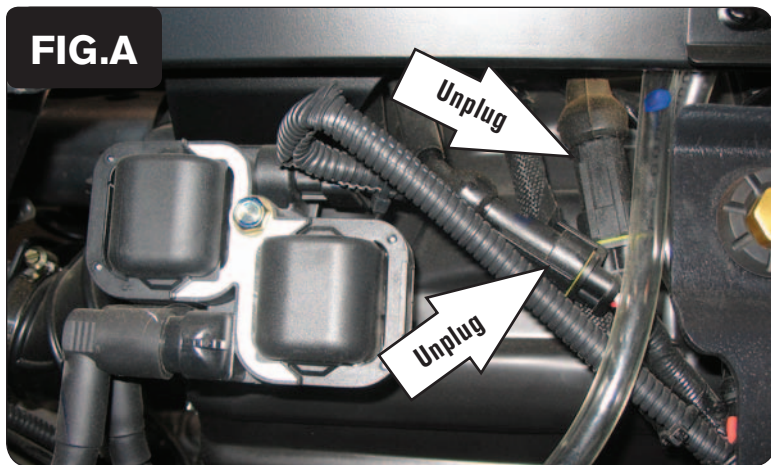
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent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

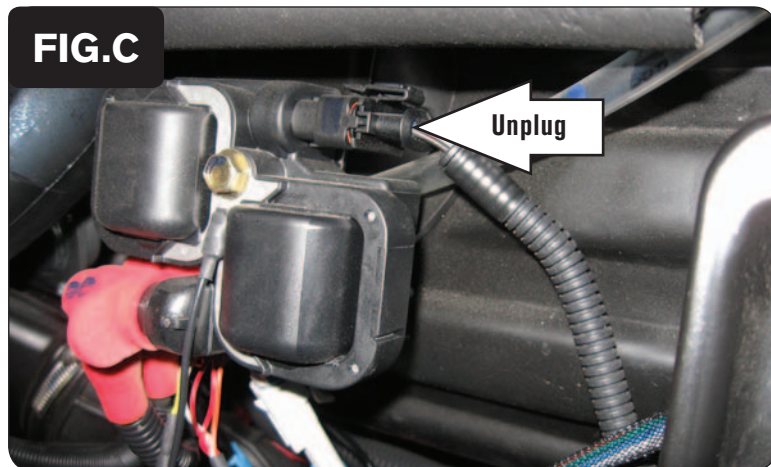
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.



- 1 Remove both seats.
- 2 Remove the plastic panel behind the seats.
- 3 Locate the injector harness connectors and unplug them (Fig. A).  
*These connectors are located next to the ignition coils.*

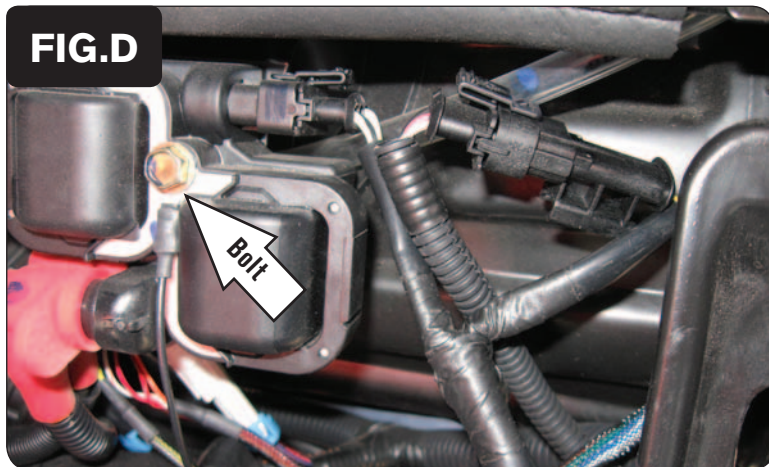


- 4 Connect the PCV in-line of the stock wiring harness and the injector harness (Fig. B).

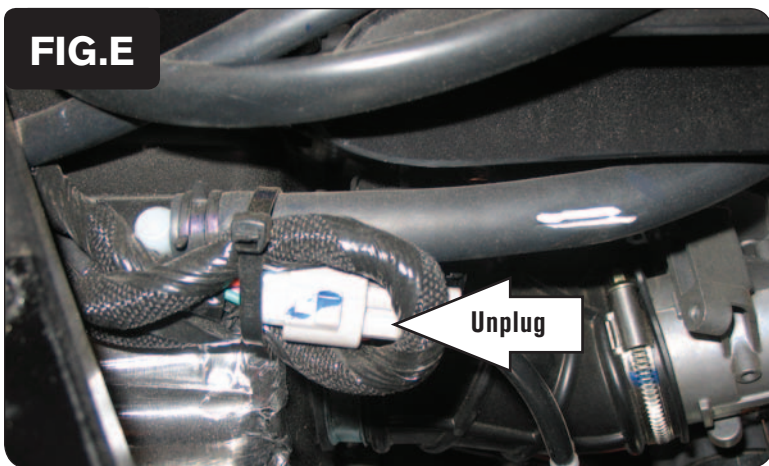


- 5 Unplug the stock wiring harness from the ignition coil (Fig. C).





- 6 Plug the 3-pin connectors from the PCV in-line of the stock wiring harness and ignition coil (Fig. D).
- 7 Remove the coil pack mounting bolt. Install the bolt first thru the PCV ground wire and then reattach the coil pack (Fig D).

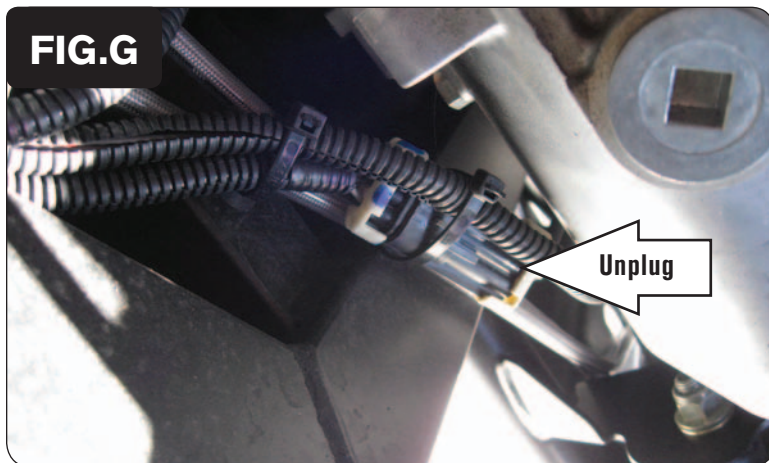


- 8 Unplug the stock Throttle Position Sensor Connectors. This connector pair is located to the rear of the throttle body. This is a GREY 3-pin connector pair (Fig. C).

*This picture was taken with the bed removed. This connector can be accessed without removing the bed.*



- 9 Plug the PCV connections in-line of the stock TPS and wiring harness.  
*Use 1 of the supplied zip ties to secure the harness away from the exhaust.*



- 10 Locate the stock Crank Position Sensor and unplug the stock wiring harness from the CPS (Fig. G).

*This connector is located to the inside of the left, rear wheel under the transfer case.*



- 11 Plug the PCV connectors in-line of the stock CPS and wiring harness.

*Use 1 of the supplied zip ties to secure the harness in place.*



- 12 Using the supplied Dual Lock, secure the PCV next to the stock ECU.

*This is located behind the drivers seat.*

*Clean both surfaces with the supplied alcohol swab prior to applying the Dual Lock adhesive.*

- 13 Reinstall the plastic panel behind the seats and reinstall the seats.