

# [POWER COMMANDER V]

## FUEL AND IGNITION

### 2014 Polaris Ranger 570

#### 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!**

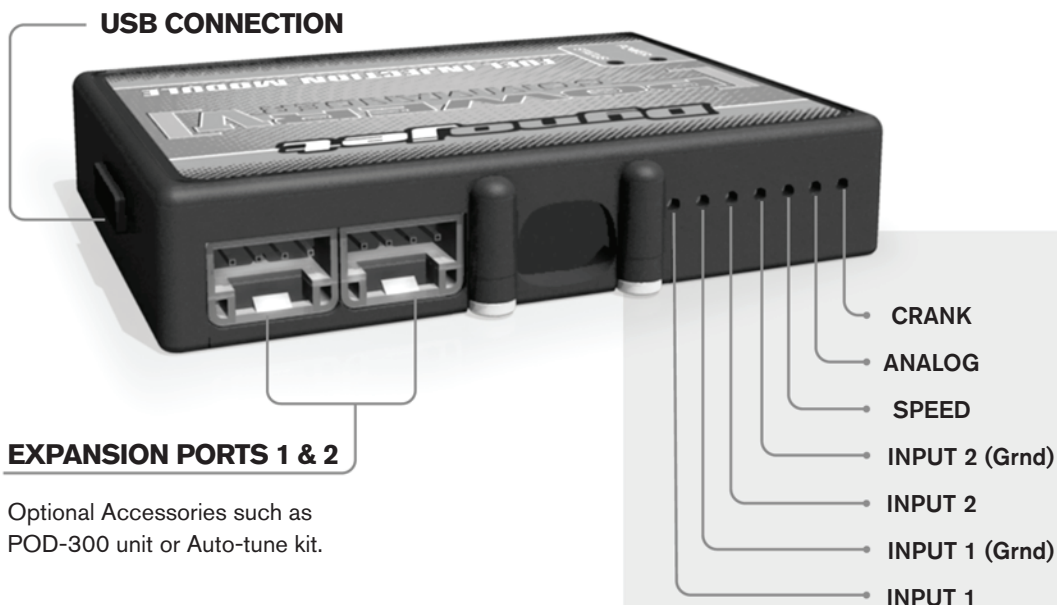
THE LATEST POWER COMMANDER  
SOFTWARE AND MAP FILES CAN BE  
DOWNLOADED FROM OUR WEB SITE AT:  
[www.powercommander.com](http://www.powercommander.com)

**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION**

**Dynojet**

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# POWER COMMANDER V INPUT ACCESSORY GUIDE

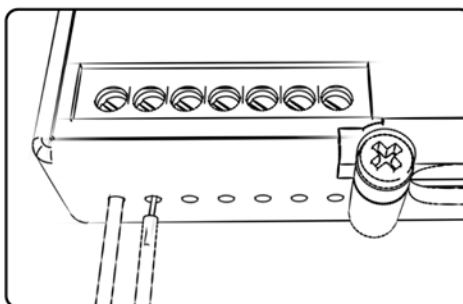


Optional Accessories such as  
POD-300 unit or Auto-tune kit.

## 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-

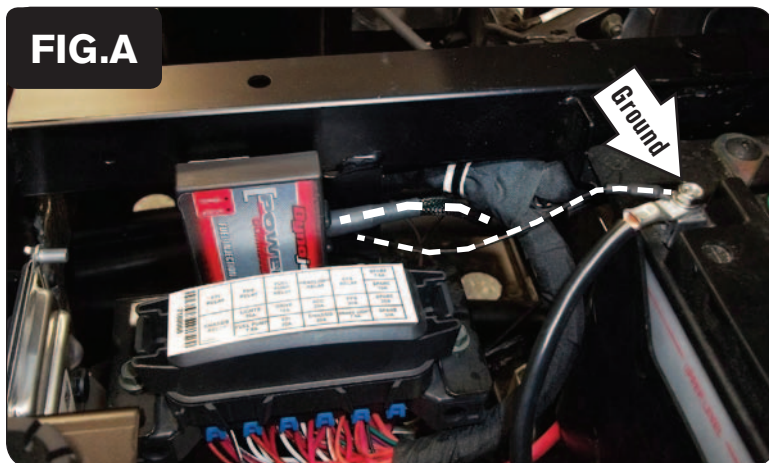
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent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

### Analog-

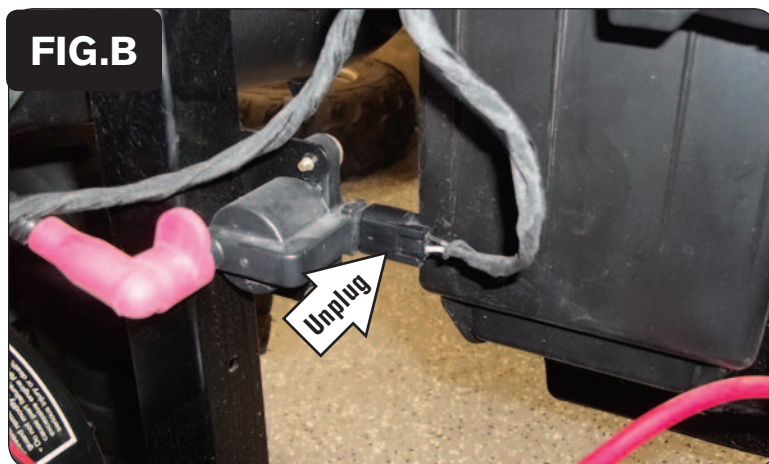
This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the control center software.

### Crank-

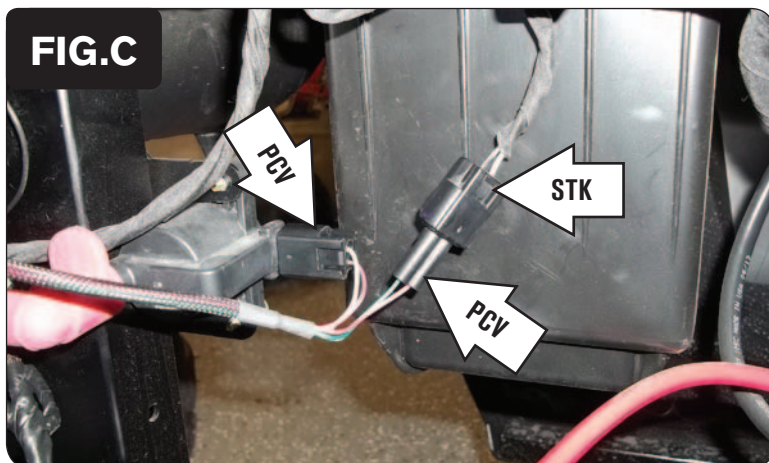
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.



- 1 Remove the bench seats and lift the cargo bed.
- 2 Use the supplied Velcro strips to secure the PCV module to the frame under the driver's seat next to the fuse box (Fig. A).  
*Clean the surface area with the supplied alcohol swab prior to applying the Velcro.*
- 3 Secure the PCV ground wire with the small ring lug to the negative (-) terminal of the vehicle's battery (Fig. A).
- 4 Continue routing the PCV wiring harness towards the engine.

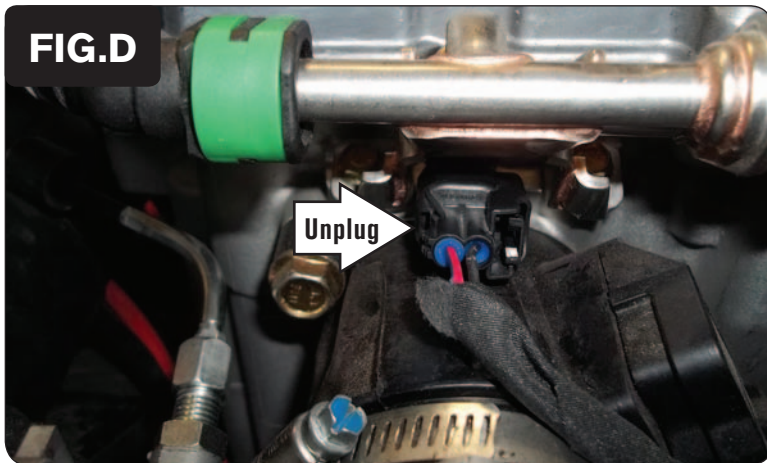


- 5 Locate the vehicle's Ignition Coil (just rear of the battery) and unplug the BLACK 2-pin connector from it (Fig. B).

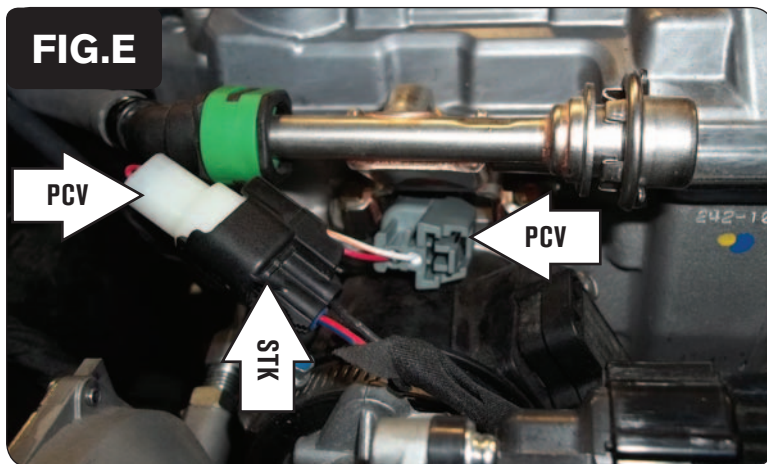


- 6 Plug the pair of BLACK 2-pin connectors of the PCV wiring harness in-line of the Ignition Coil and the stock wiring harness (Fig. C).
- 7 Continue routing the rest of the PCV wiring harness towards the throttle body following along side the stock throttle cable.

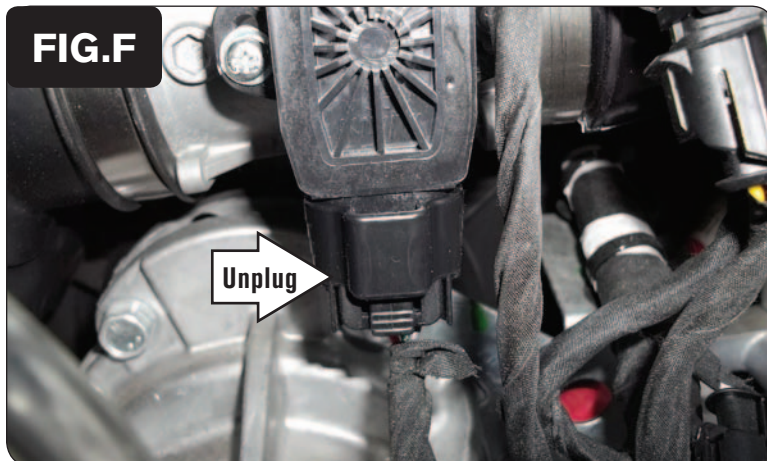




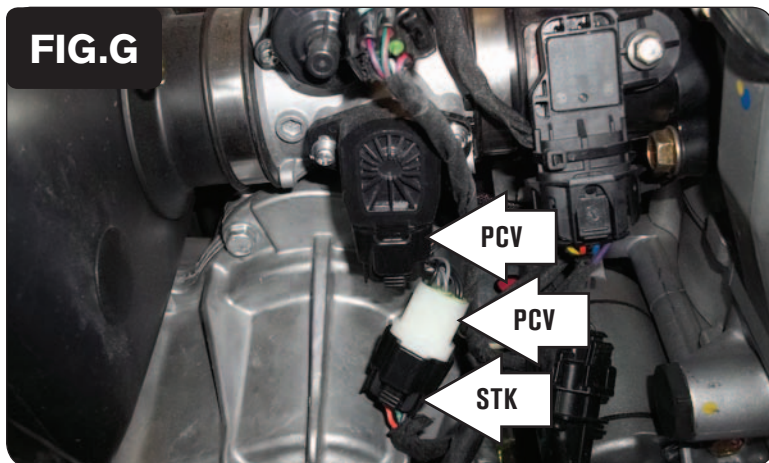
- 8 Locate and unplug the stock wiring harness from the Fuel Injector (Fig. D).  
*The Fuel Injector is located at the top of the throttle body.*



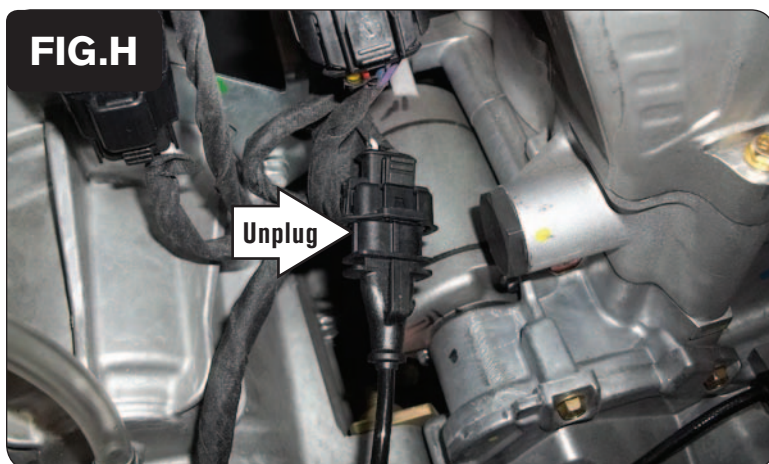
- 9 Plug the pair of PCV wiring harness leads with ORANGE colored wires in-line of the Fuel Injector and the stock wiring harness (Fig. E).



- 10 Locate and unplug the stock BLACK 3-pin connector from the Throttle Position Sensor (Fig. F).  
*The TPS is located on the right hand side of the throttle body over the pivot point of the throttle blade.*

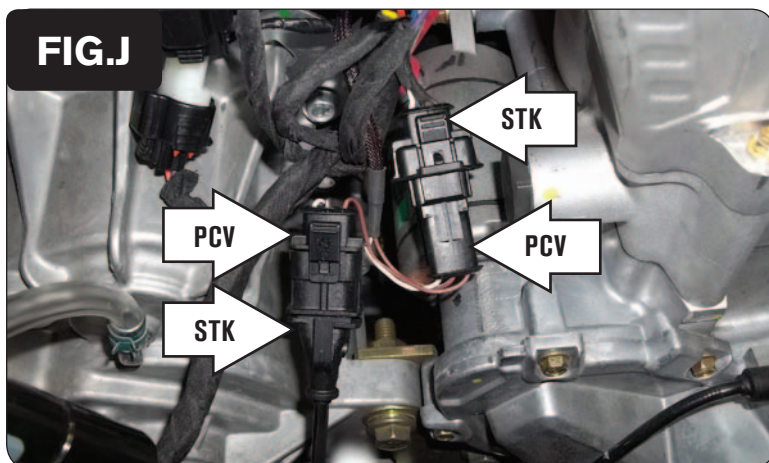


- 11 Plug the PCV wiring harness in-line of the TPS and the stock wiring harness (Fig. G).
- 12 Continue routing the harness towards the right side of the engine.



- 13 Locate and unplug the stock connector pair from the vehicle's Crank Position Sensor (Fig. H).

*You can trace the cable coming out of the top of the right side flywheel cover to this BLACK 3-pin connector pair.*



- 14 Plug the PCV wiring harness in-line of the stock Crank Position Sensor connectors (Fig. J).
- 15 Lower the cargo bed and reinstall the bench seat.

*To see a video of this installation, visit our channel (DynojetResearch) on YouTube.*