

[POWER COMMANDER V]

FUEL AND IGNITION

2012-2016 Polaris RZR 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
- 2 Zip ties

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

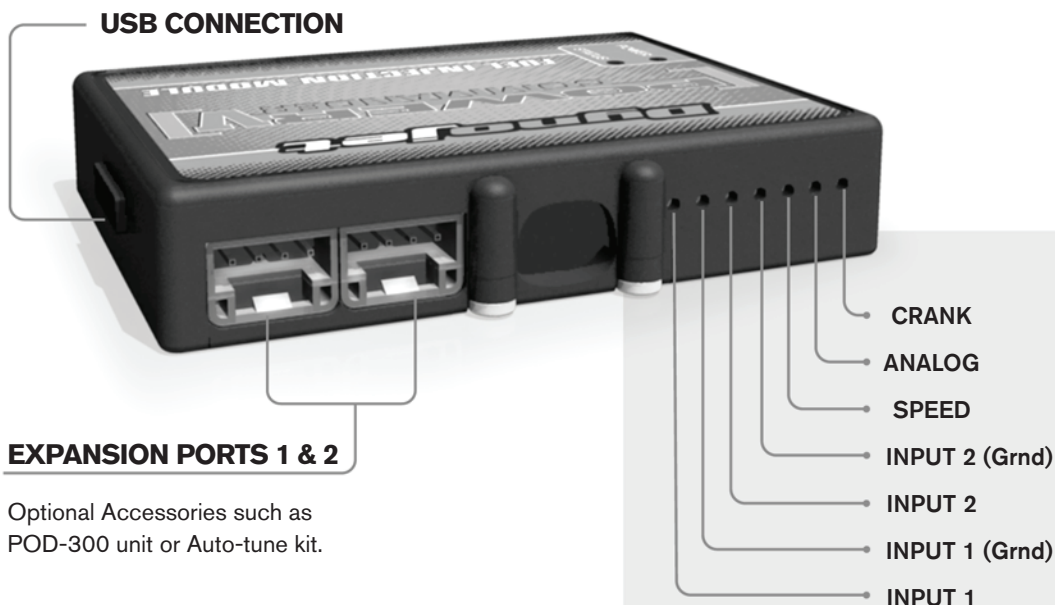
THE LATEST POWER COMMANDER
SOFTWARE AND MAP FILES CAN BE
DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com

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

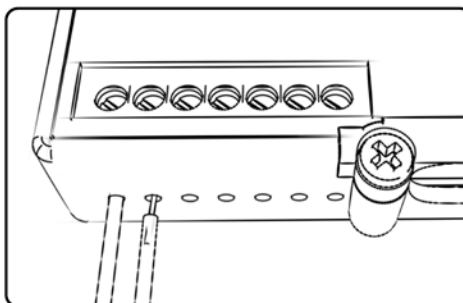


Optional Accessories such as
POD-300 unit or Auto-tune kit.

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-

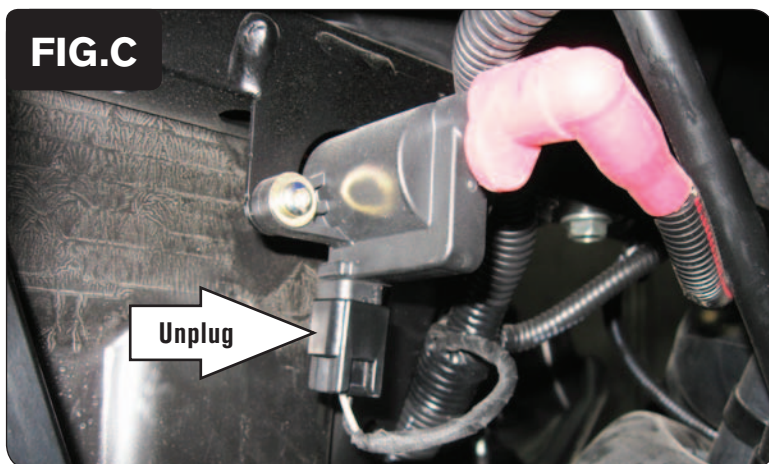
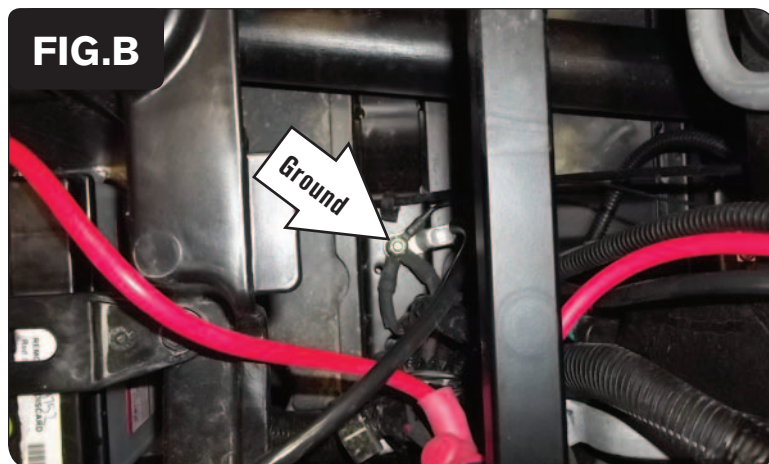
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent 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 access panel between the cab and the engine.
- 3 Remove the access panel above the engine, at the bottom of the cargo bed.
- 4 Use the supplied velcro strips to secure the PCV module behind the driver's seat (Fig. A).

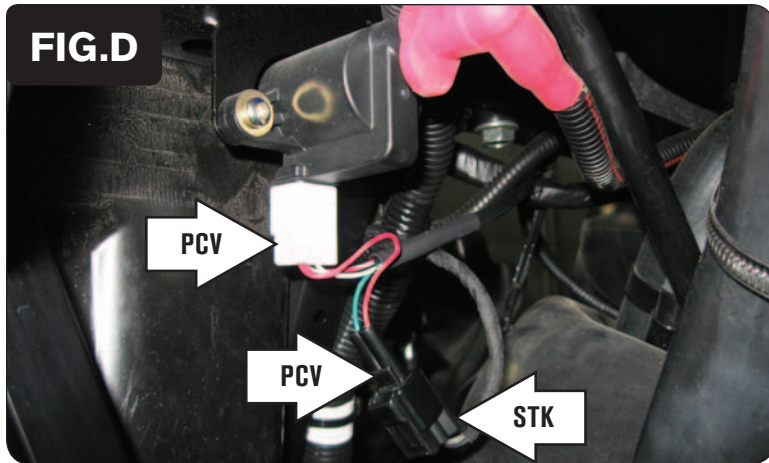
Clean the surface area with the supplied alcohol swap prior to applying the velcro.

- 5 Secure the ground wire of the PCV wiring harness with the small ring terminal to the stock common ground bolt on the skid pan just rear of the vehicle's battery (Fig. B). Continue routing the remainder of the PCV wiring harness back towards the engine compartment.

- 6 Locate and unplug the stock wiring connector from the vehicle's ignition coil (Fig. C).

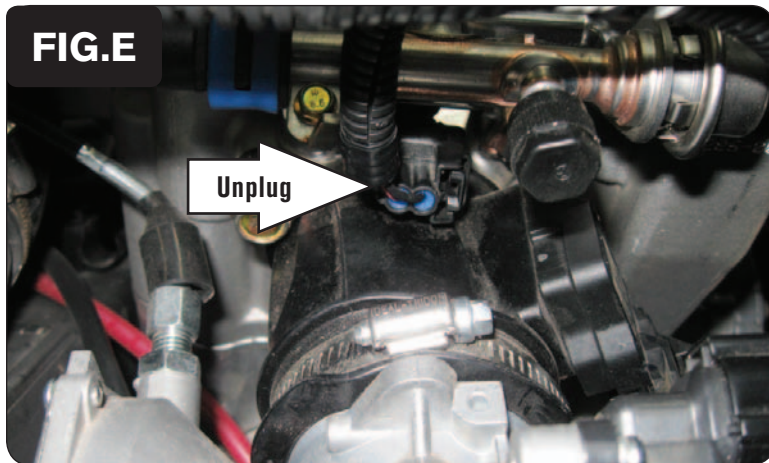
This coil is located on the left side of the vehicle in the engine compartment.

FIG.D



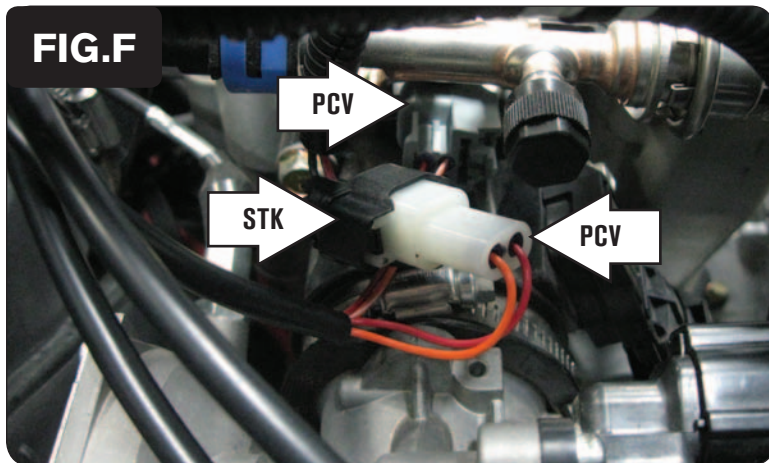
- 7 Plug the PCV connectors in-line with the ignition coil and the stock wiring harness (Fig. D).

FIG.E

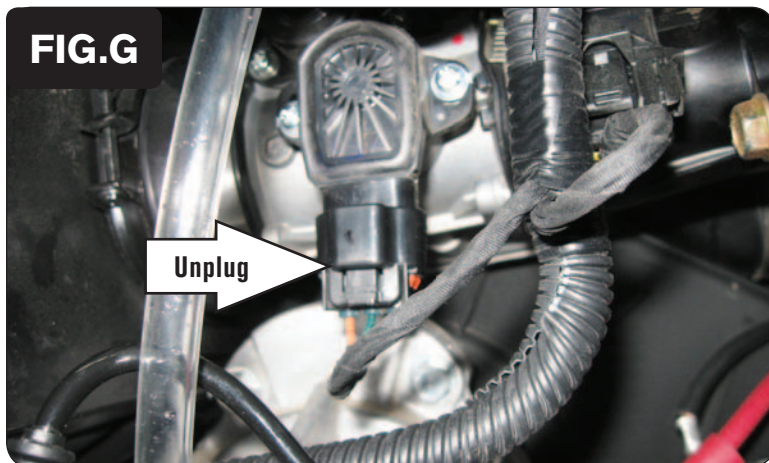


- 8 Locate and unplug the stock wiring connector from the vehicle's fuel injector on top of the intake (Fig. E).

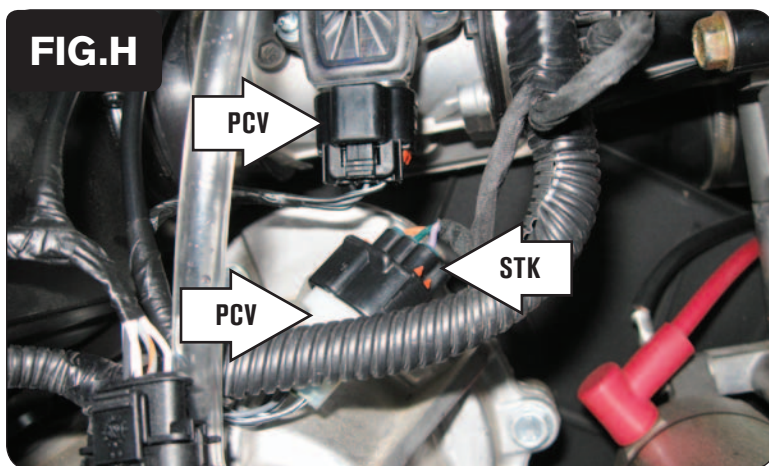
FIG.F



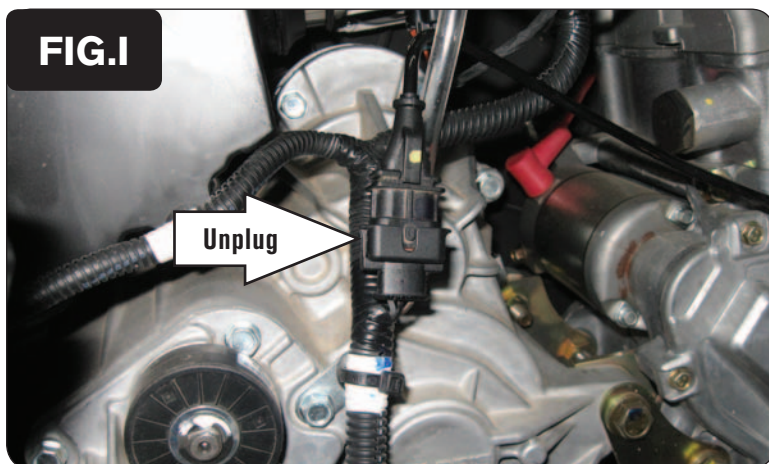
- 9 Plug the PCV connectors in-line with the fuel injector and the stock wiring harness (Fig. F).



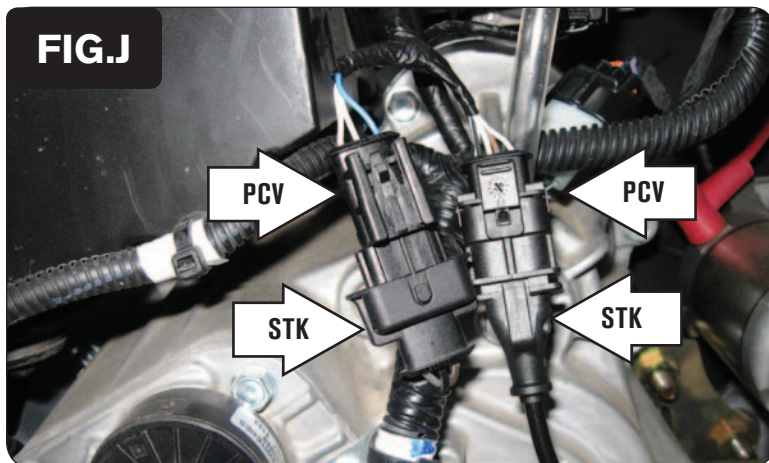
- 10 Locate and unplug the stock wiring connector from the vehicle's Throttle Position Sensor on the right hand side of the throttle body (Fig. G).



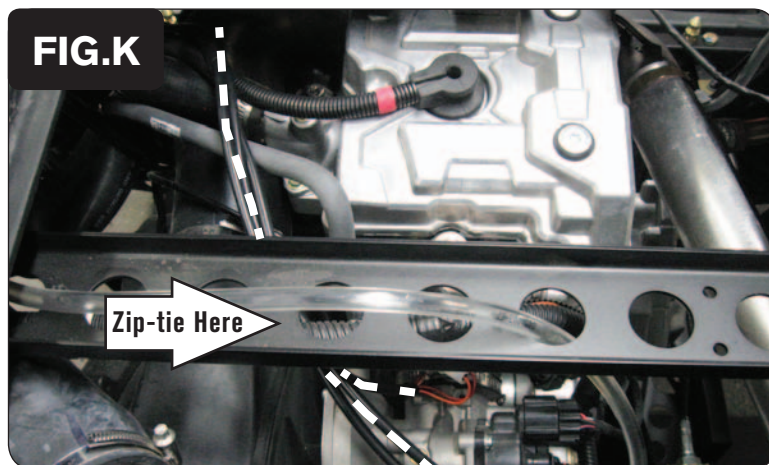
- 11 Plug the PCV connectors in-line with the Throttle Position Sensor and the stock wiring harness (Fig. H).



- 12 Locate and unplug the vehicle's Crank Position Sensor connectors on the right hand side of the engine (Fig. I).



- 13 Plug the PCV wiring harness in-line with the vehicle's Crank Position Sensor connectors (Fig. J).



- 14 Use the supplied zip-ties to secure the ground wire, and secure the PCV wiring harness to the frame cross-member to keep it free of any hot or moving parts that it might come in contact with in the engine compartment.