[POWER COMMANDER V]

FUEL AND IGNITION

2015-2016 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
1	Posi-tap

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

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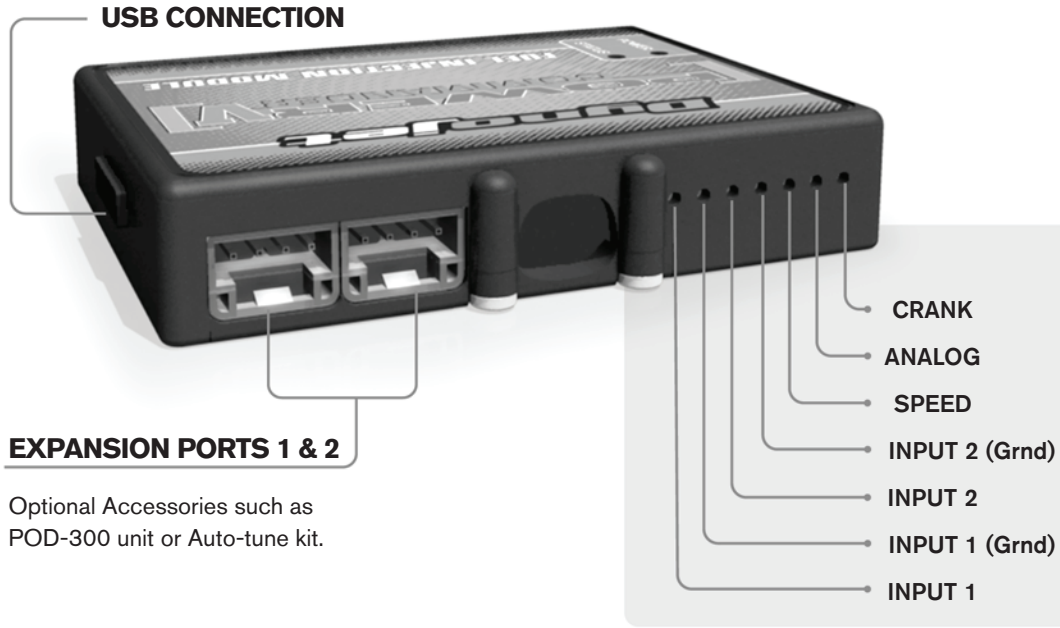
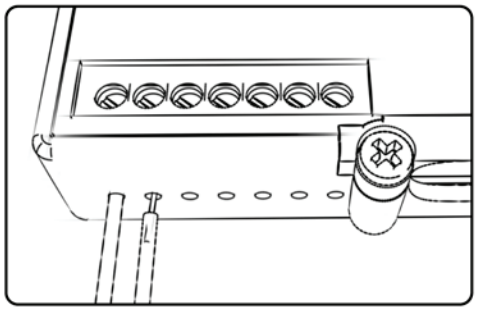
POWER COMMANDER V
INPUT ACCESSORY GUIDE



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 is 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.)

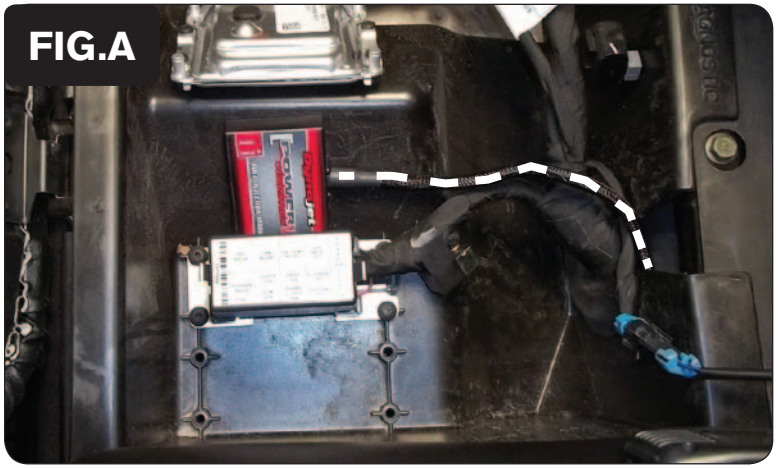
Shifter- (Input 1 or 2) These inputs are for use with the Dynojet quickshifter. Insert the wires from the Dynojet quickshifter into the SHIFTER inputs. The polarity of the wires is not important. (Set to Switch Input #2 by default.)

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.

FIG.A



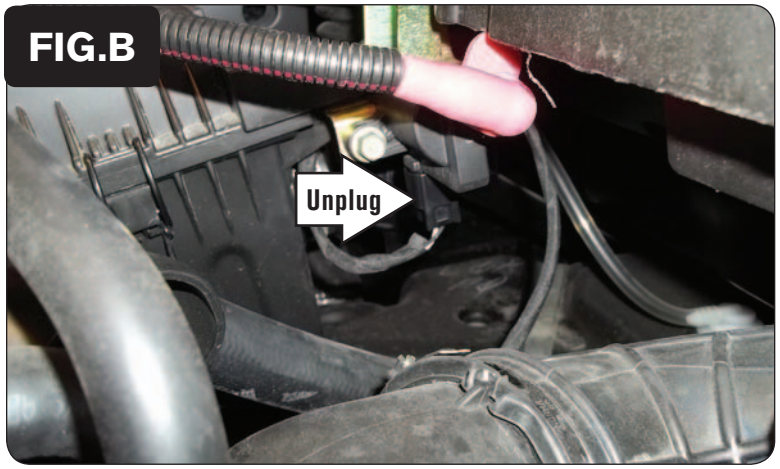
1 Raise the passenger side bench seat and lift the cargo bed.

2 Use the supplied Velcro strips to secure the PCV module under the seat next to the fuse box (Fig. A).

Clean the surface area with the supplied alcohol swab prior to applying the Velcro.

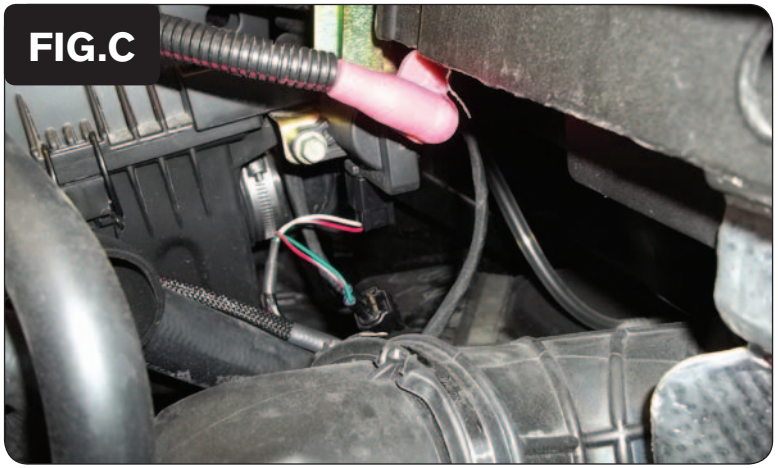
3 Route the PCV wiring harness out of this compartment and towards the engine.

FIG.B



4 Locate the vehicle's Ignition Coil (just left of the engine) and unplug the BLACK 2-pin connector from it (Fig. B).

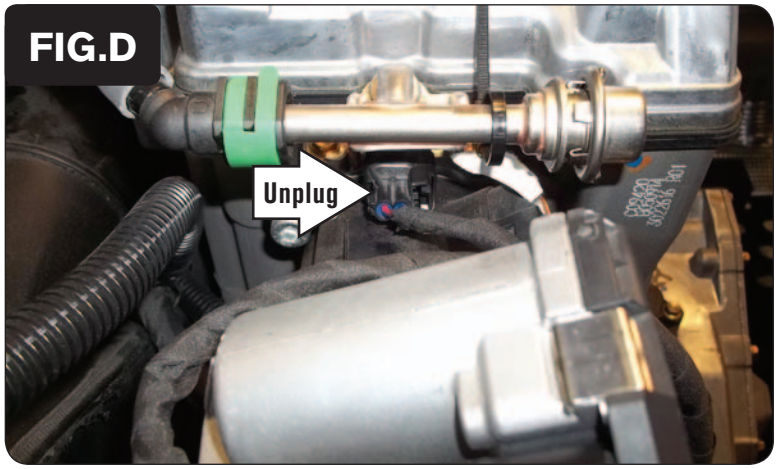
FIG.C



5 Plug the pair of BLACK 2-pin connectors with GREEN colored wires of the PCV wiring harness in-line of the Ignition Coil and the stock wiring harness (Fig. C).

6 Continue routing the rest of the PCV wiring harness towards the throttle body.

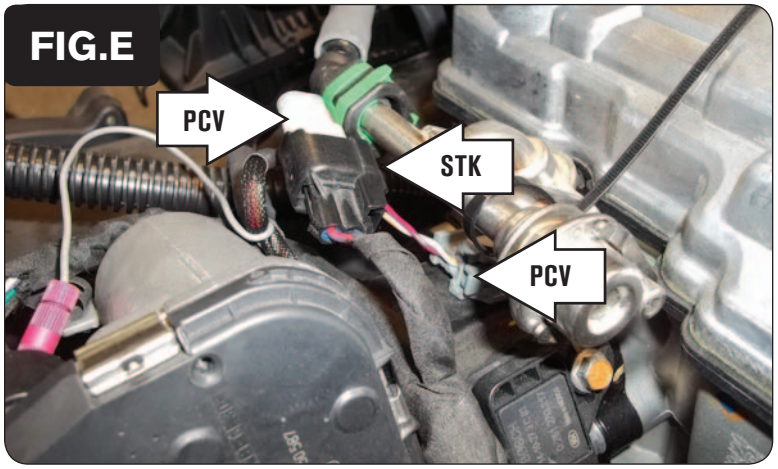
FIG.D



7 Locate and unplug the stock wiring harness from the Fuel Injector (Fig. D).

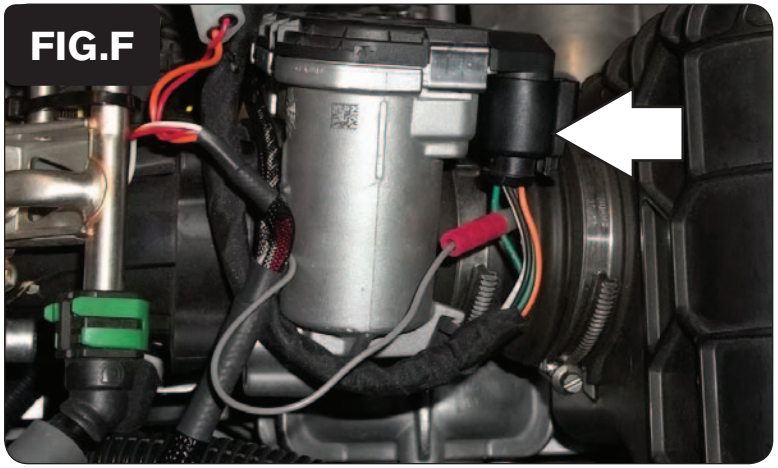
The Fuel Injector is located at the top of the intake plenum just beneath the fuel rail at the rear of the cylinder head.

FIG.E



8 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).

FIG.F

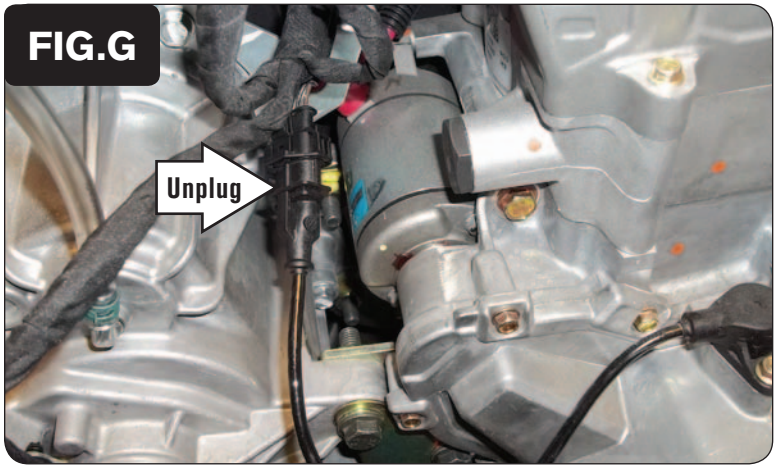


9 Locate the stock BLACK 6-pin Throttle Body Servo connector on the Throttle Body Servo just rear of the Fuel Injector.

10 Use the supplied Posi-tap to attach the single unterminated GREY wire of the PCV wiring harness to the stock GREEN/RED wire (pin position #1) of the stock Throttle Body Servo connector (Fig. F).

11 Continue routing the harness towards the right side of the engine.

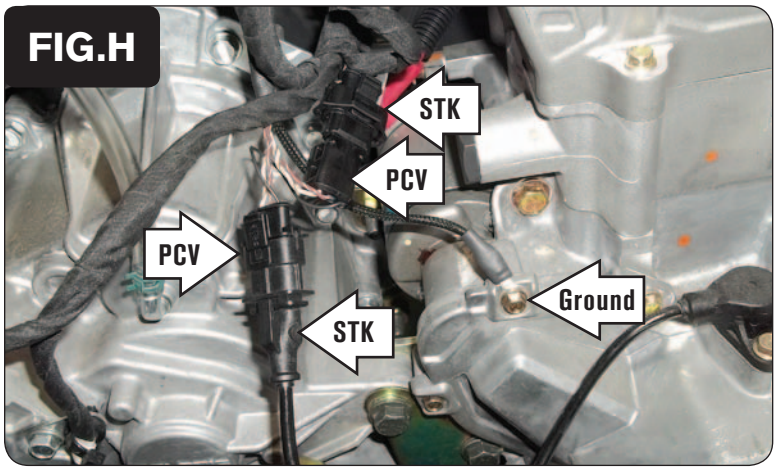
FIG.G



12 Locate and unplug the stock connector pair from the vehicle's Crank Position Sensor (Fig. G).

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

FIG.H



13 Plug the pair of PCV wiring harness connectors with BROWN colored wires in-line of the stock Crank Position Sensor connectors (Fig. H).

14 Secure the PCV ground wire with the small ring lug to the engine case bolt shown in Figure H.

15 Lower the cargo bed and the bench seat.