

[POWER COMMANDER V]

2013-2015 CanAm Outlander / Renegade 500

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!**

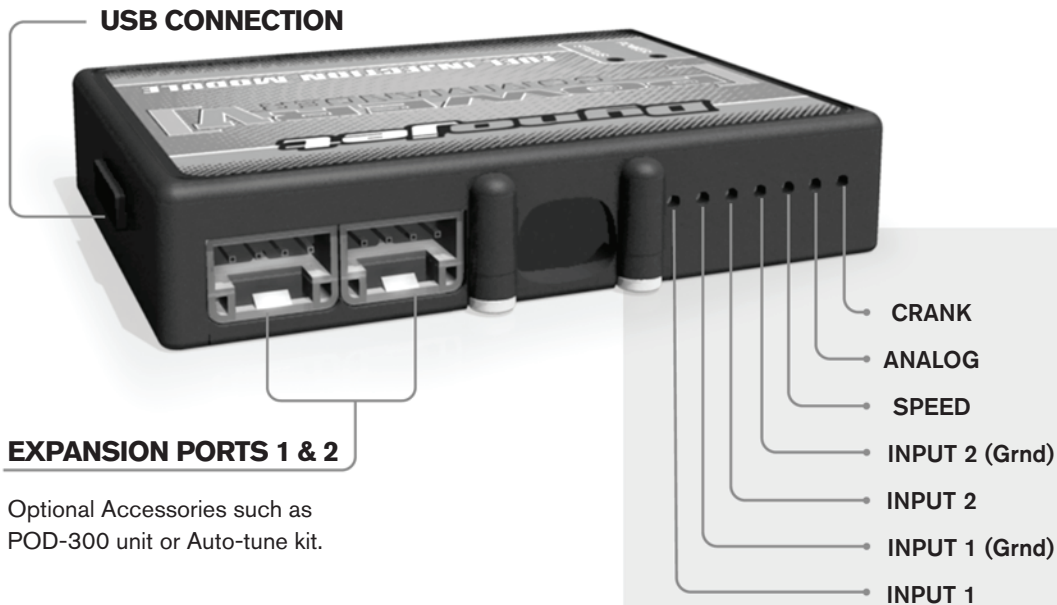
THE LATEST POWER COMMANDER
SOFTWARE AND MAP FILES CAN BE
DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com

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



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-

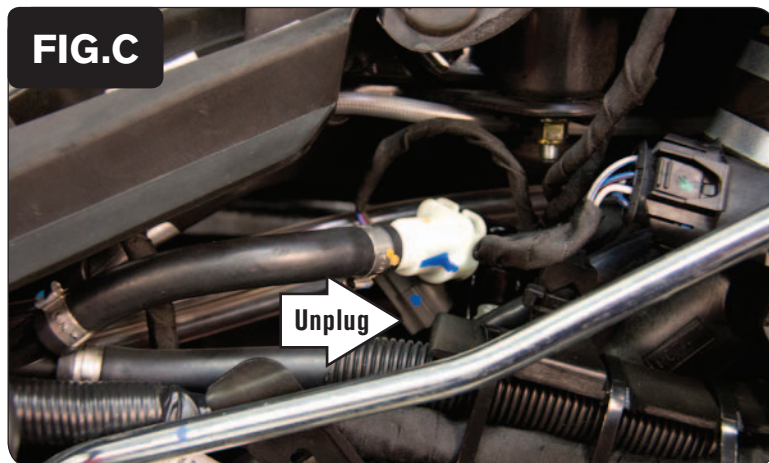
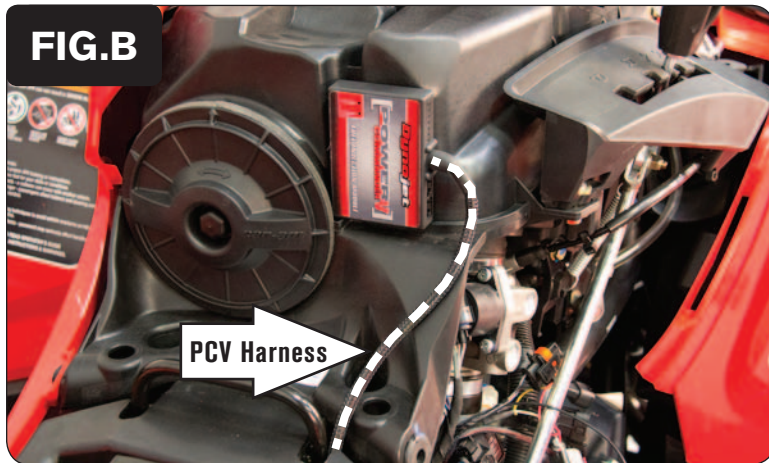
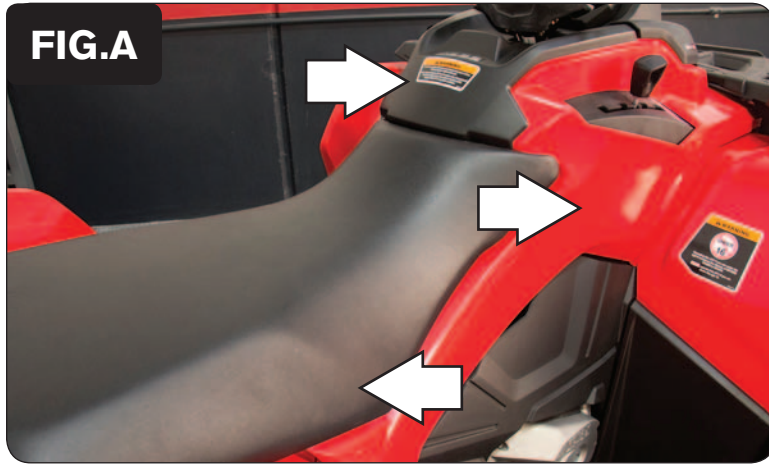
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent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

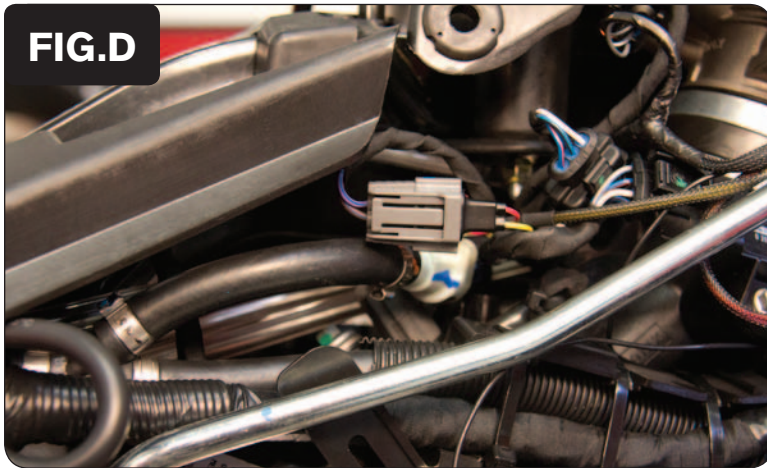
Crank-

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.

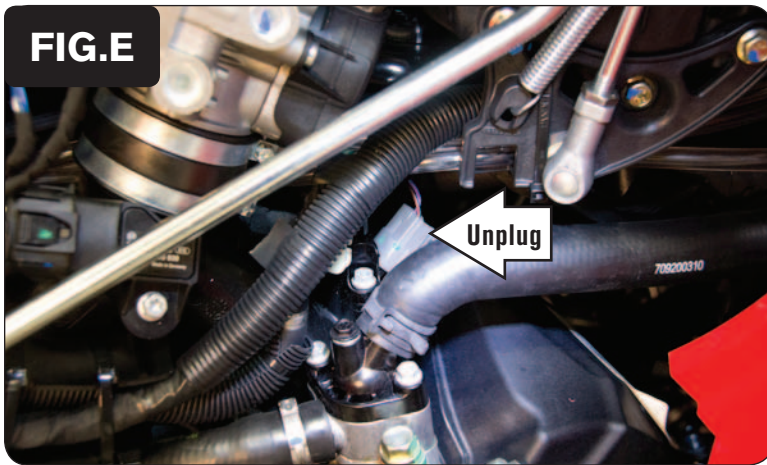


Note: These installation steps and pictures are from an Outlander 500 model. Renegades will look slightly different, but similar. The device also comes with a map preloaded for a stock Outlander 500. The map may need to be changed from the PCV software for other applications.

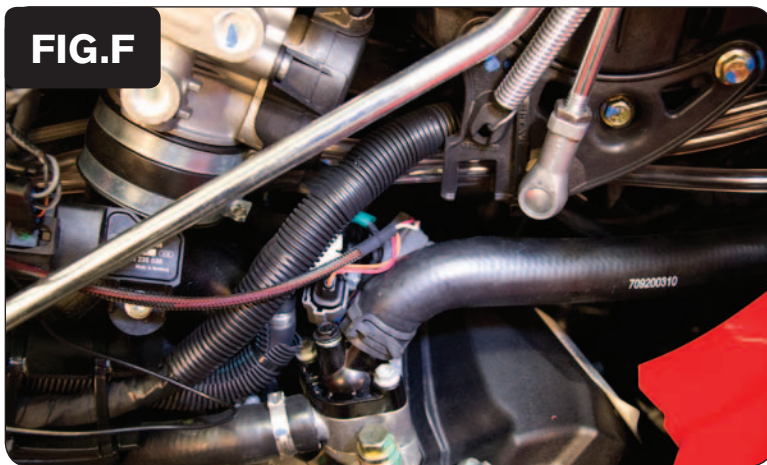
- 1 Remove the seat and the panel in front of the seat.
- 2 Remove the right hand side cover (Fig. A).
- 3 Using the supplied Velcro, secure the PCV module to the rear of the airbox at the location shown in Figure B.
Make sure to clean both surfaces with the alcohol swab prior to attaching the Velcro.
- 4 Route the PCV wiring harness downward to the right side of the engine.
- 5 Unplug the stock wiring harness from the rear fuel injector (Fig. C).



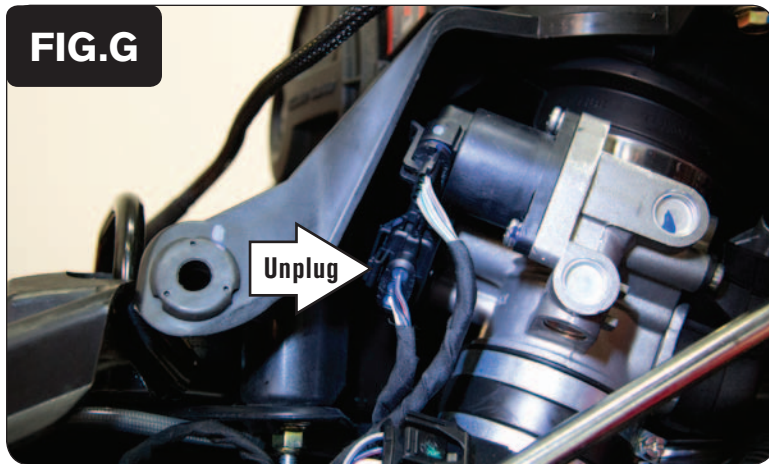
- 6 Plug the pair of leads on the PCV harness with **YELLOW** colored wires in-line of the rear fuel injector and stock wiring harness (Fig. D).



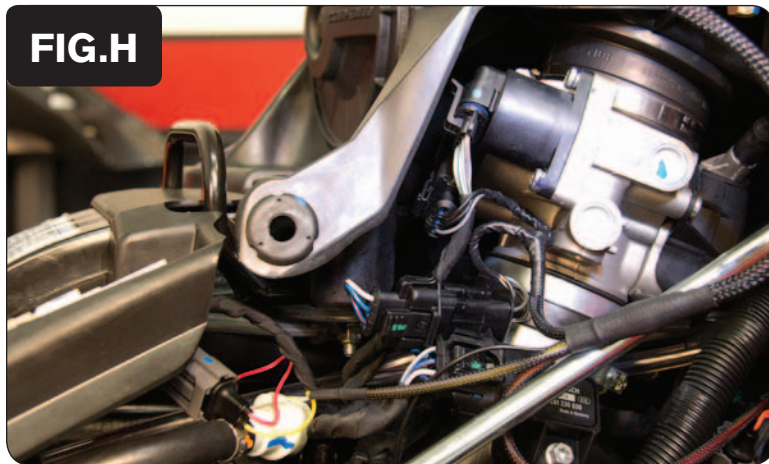
- 7 Unplug the stock wiring harness from the front fuel injector (Fig. E).



- 8 Plug the pair of leads on the PCV harness with **ORANGE** colored wires in-line of the front fuel injector and stock wiring harness (Fig. F).



- 9 Locate the Throttle Position Sensor on the rear of the throttle body (Fig. G).
- 10 Unplug the stock wiring harness from the TPS.



- 11 Plug the PCV connectors in-line of the stock wiring harness and TPS (Fig. H).



- 12 Attach the ground wire from the PCV to the common ground lug of the engine on the rear cylinder head (Fig. J).
- 13 Reinstall the covers and the seat.