

# [POWER COMMANDER V]

## FUEL AND IGNITION

**2014-2015 Kawasaki J300**

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!**

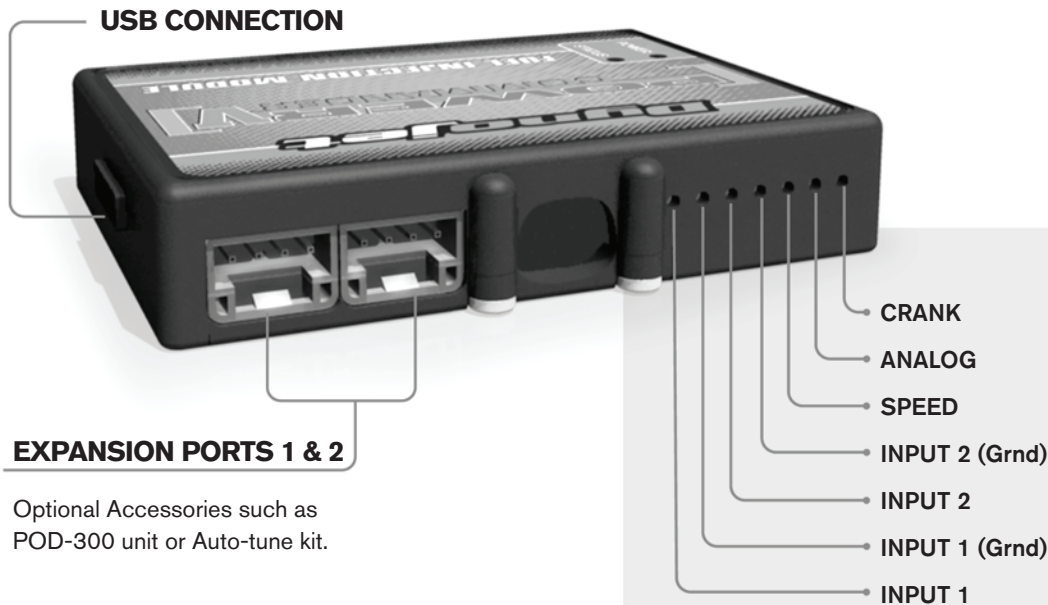
YOU CAN ALSO DOWNLOAD THE POWER COMMANDER SOFTWARE AND LATEST MAPS FROM OUR WEB SITE AT:  
[www.powercommander.com](http://www.powercommander.com)

**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



## 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-

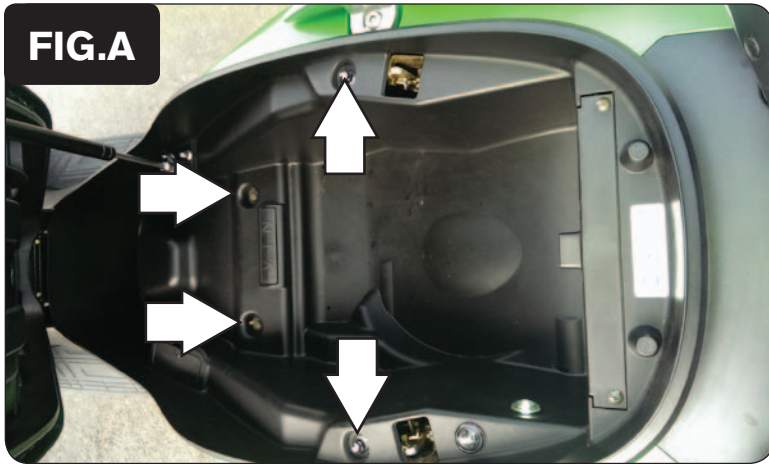
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent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

### Analog-

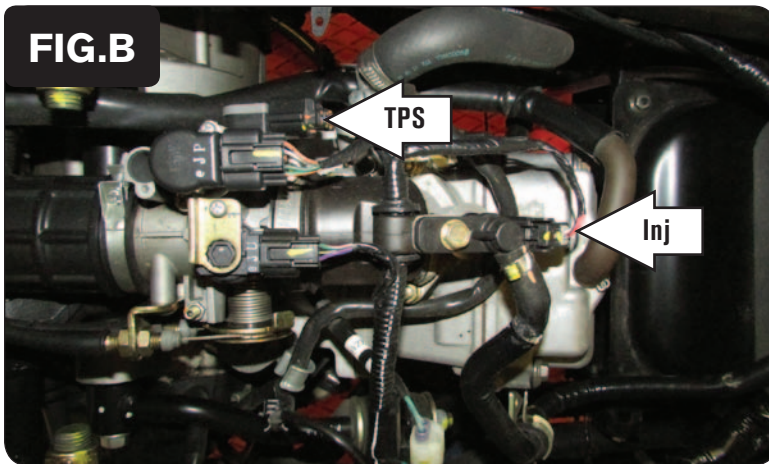
This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the control center software.

### Crank-

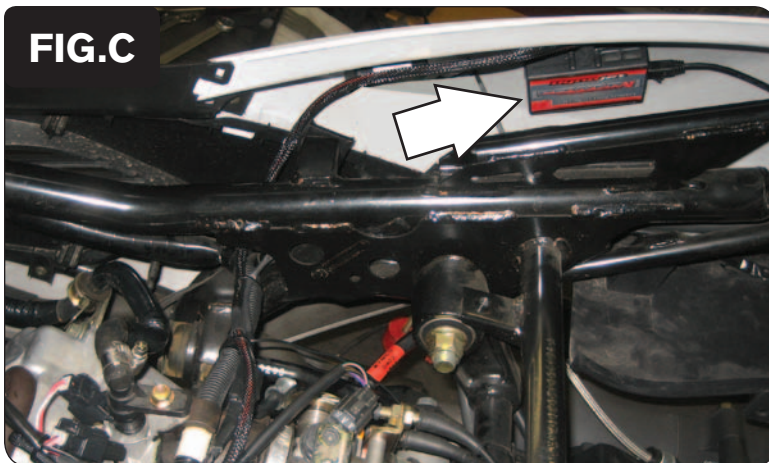
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.



- 1 Remove the seat.
- 2 Remove the 4 bolts that hold the storage bin in place and remove the bin (Fig. A).



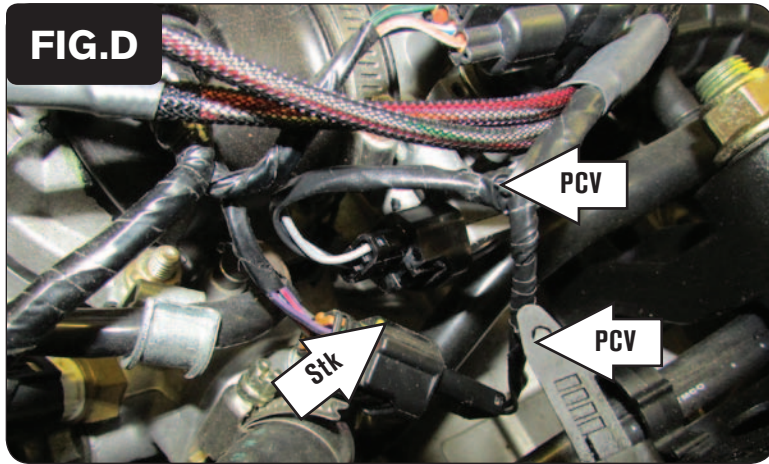
- 3 Unplug the stock Throttle Position Sensor (Fig. B).



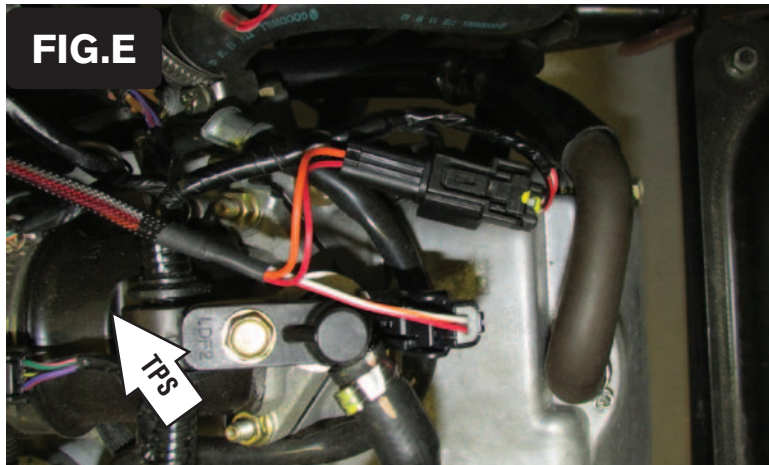
- 4 Using the supplied velcro attach the PCV to the inside of the bodywork on the right side of the scooter (Fig. C).

*Use the alcohol swab to clean the surface before attaching.*

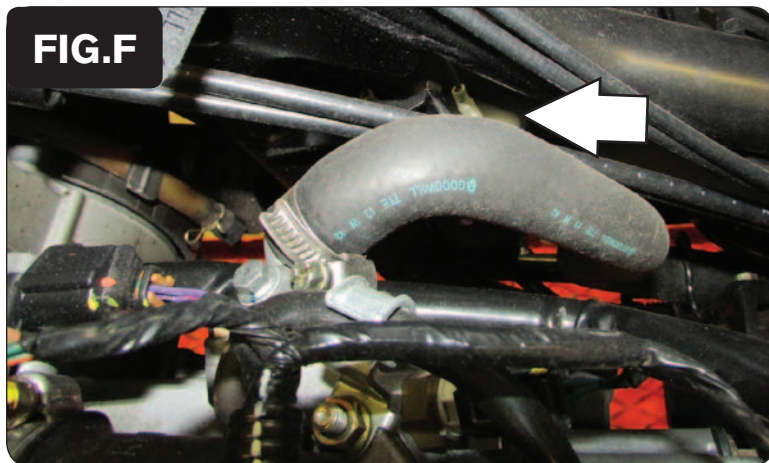




- 5 Plug the PCV in-line of the TPS and wiring harness (Fig. D).

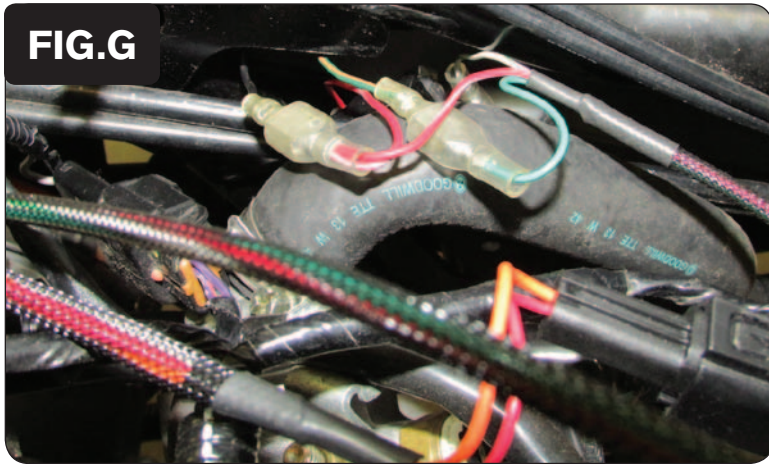


- 6 Plug the PCV harness in-line of the stock injector and wiring harness (Fig. E)

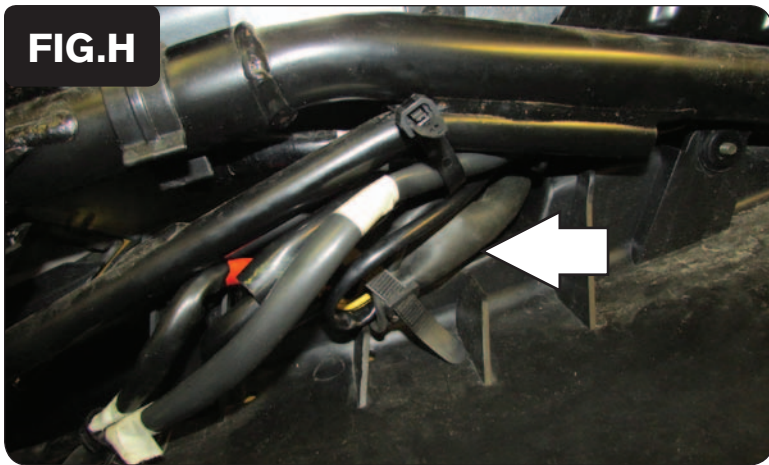


- 7 Locate the Ignition coil (Fig. F).

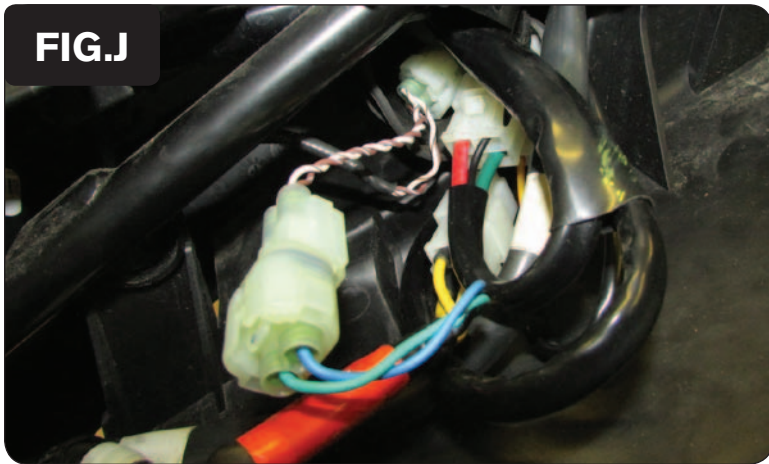
*The coil is located on the left side of the scooter between the frame and the bodywork.*



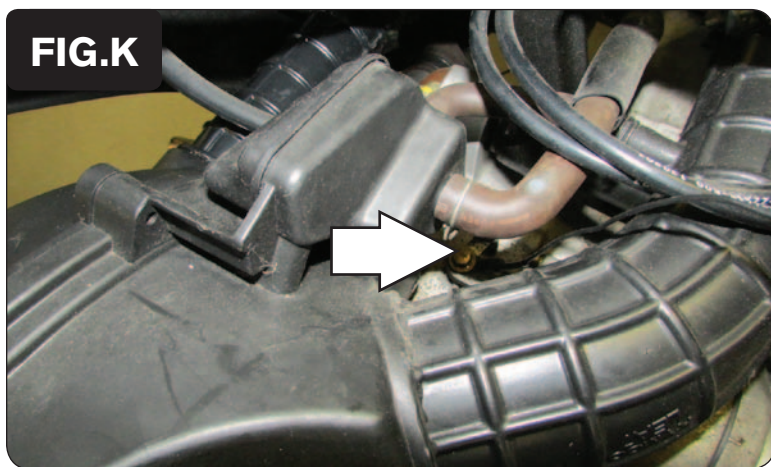
- 8 Plug the PCV harness in-line of the stock coil and wiring harness (Fig. G).  
*PCV RED/WHT wires go to the stock BLACK wire*  
*PCV GREEN wires go to the stock BRN/GRN wire*



- 9 Locate the Crank Position Sensor connector (Fig. H).  
*This is a CLEAR, 2 pin connector located inside a rubber boot. This boot is located on the right side of the scooter, towards the rear of the engine area.*



- 10 Plug the PCV in-line of the stock CPS and wiring harness (Fig. J).



- 11 Attach the ground wire from the PCV to the common ground at the starter mounting bolt (Fig. K).
- 12 Reinstall all bodywork.