

[POWER COMMANDER V]

FUEL AND IGNITION

2009-2013 Kawasaki Teryx

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!

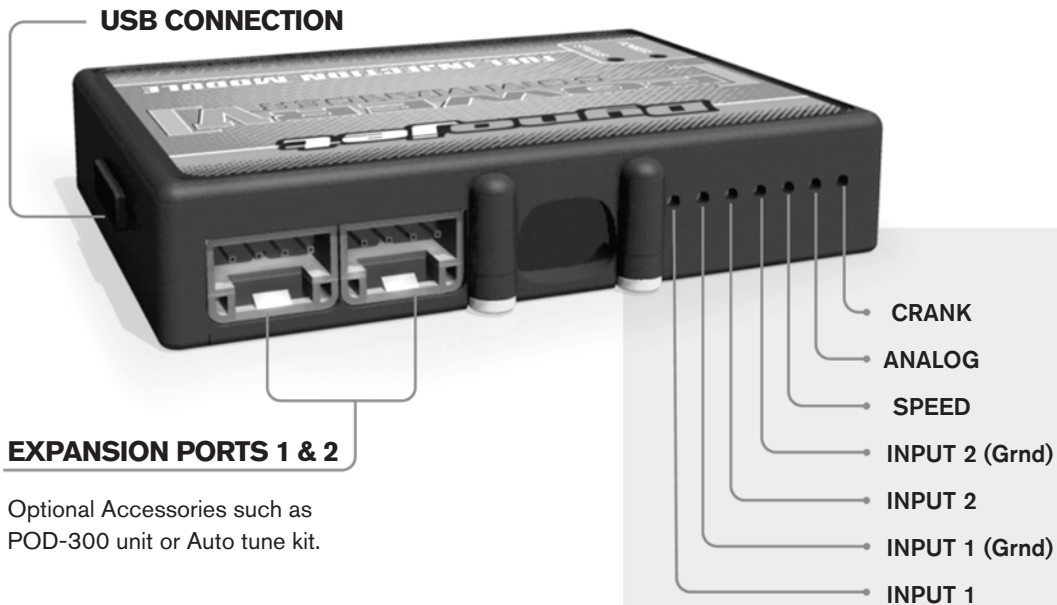
THE LATEST POWER COMMANDER SOFTWARE AND MAP FILES CAN BE DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com

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-

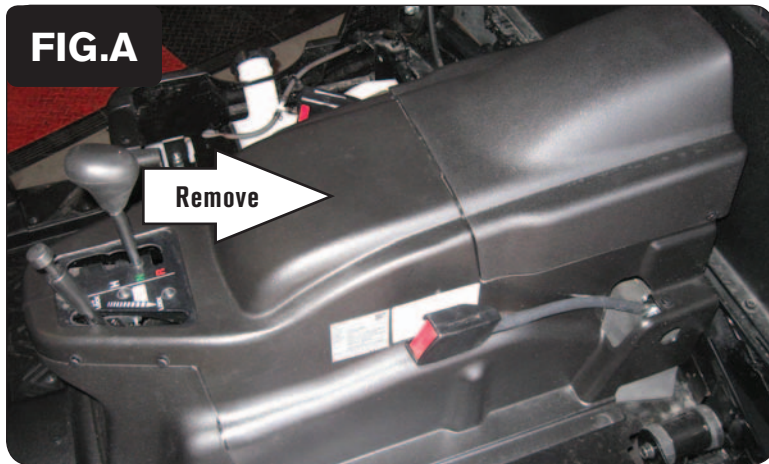
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent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

Analog-

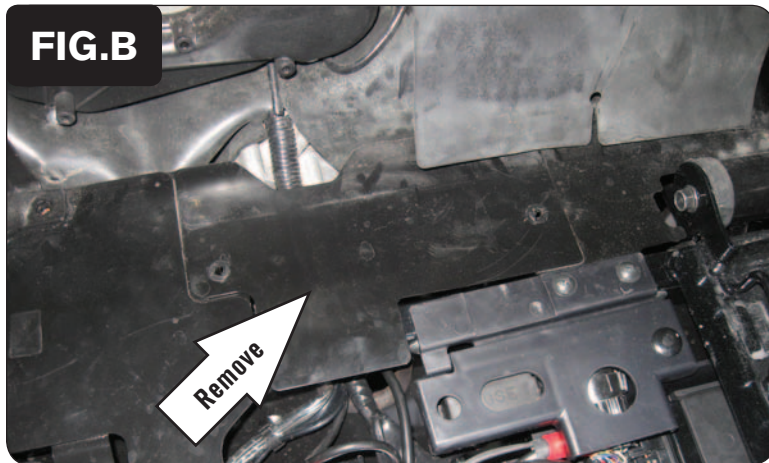
This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the control center software.

Crank-

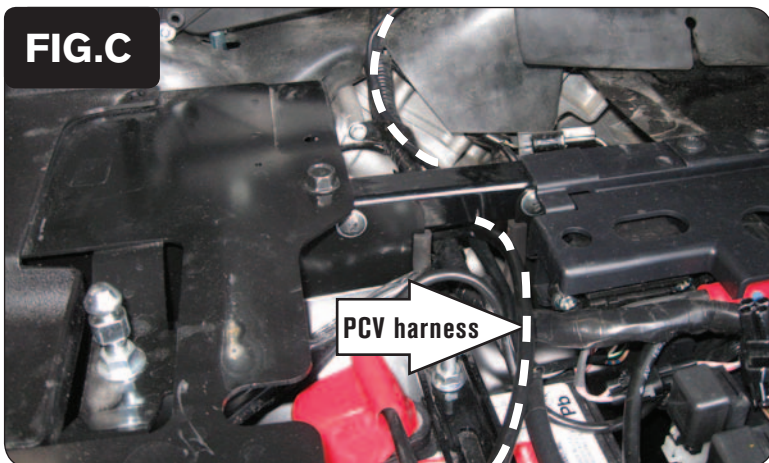
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.



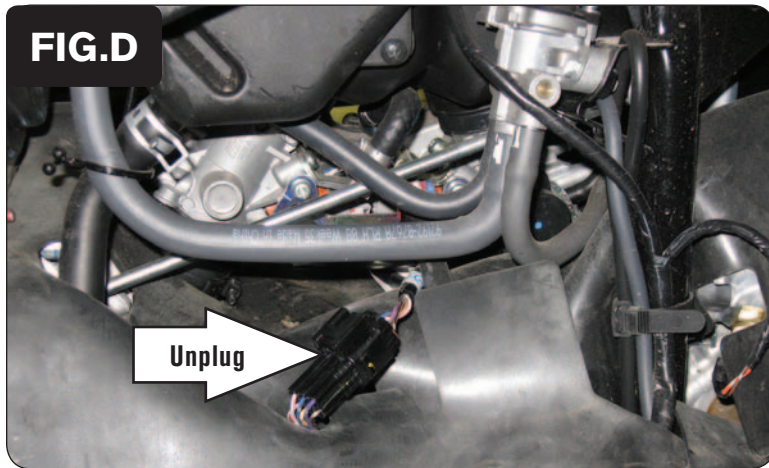
1 Remove the seats. Remove the engine cover (Fig. A).



2 Remove the frame cover under the drivers seat by removing the 2 plastic pins (Fig. B).



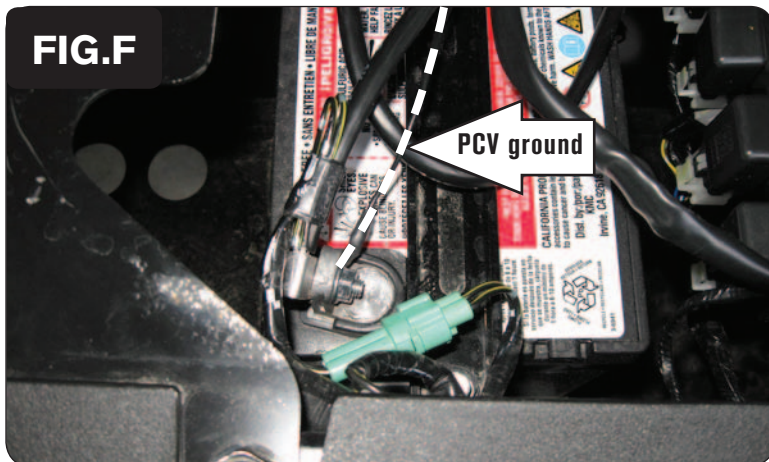
3 Route the PCV harness from the battery area and go underneath the frame towards the engine (Fig. C)



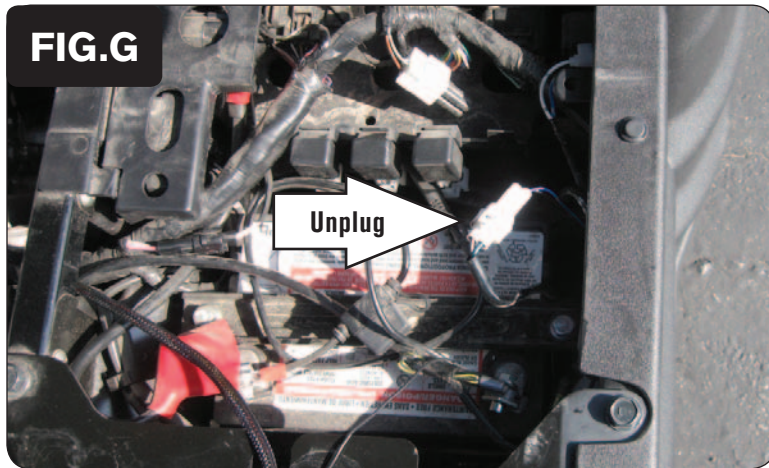
- 4 Unplug the stock wiring harness from the throttle bodies (Fig. D).
This is a BLACK 6-pin connector located to the left side of the engine.



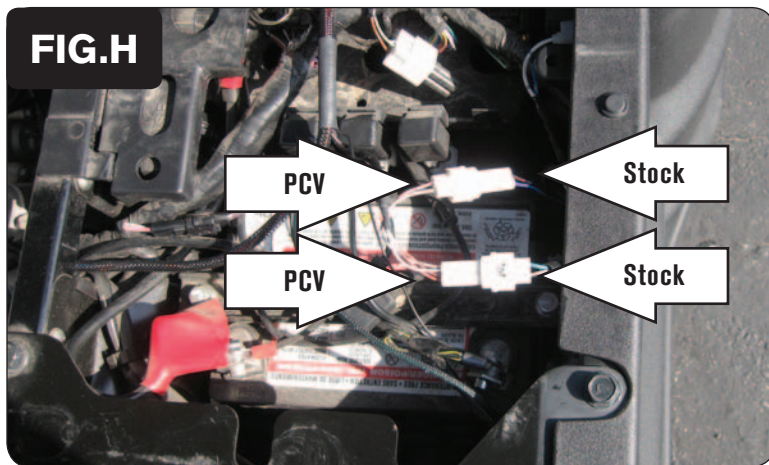
- 5 Plug the PCV connectors in-line of the stock wiring harness and throttle body harness (Fig. E).



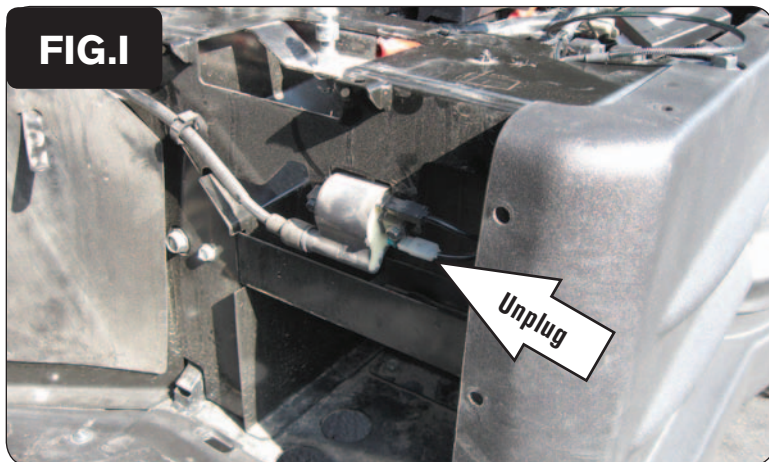
- 6 Attach the ground wire from the PCV to the negative side of the battery (Fig. F).



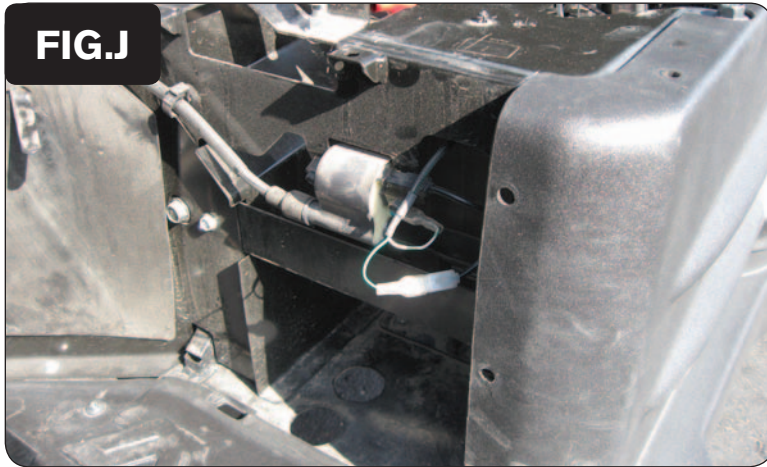
- 7 Locate and unplug the WHITE 2-pin Crank Position Sensor connectors by the battery (Fig. G).



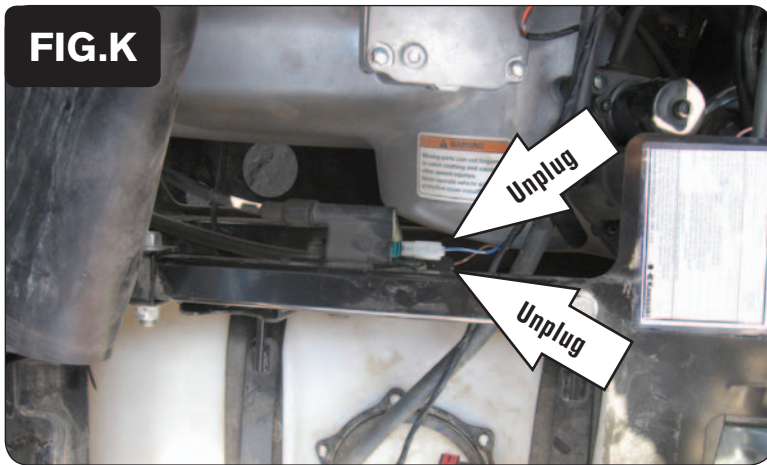
- 8 Plug the PCV wiring harness in-line of the stock Crank Position Sensor connectors (Fig. H).



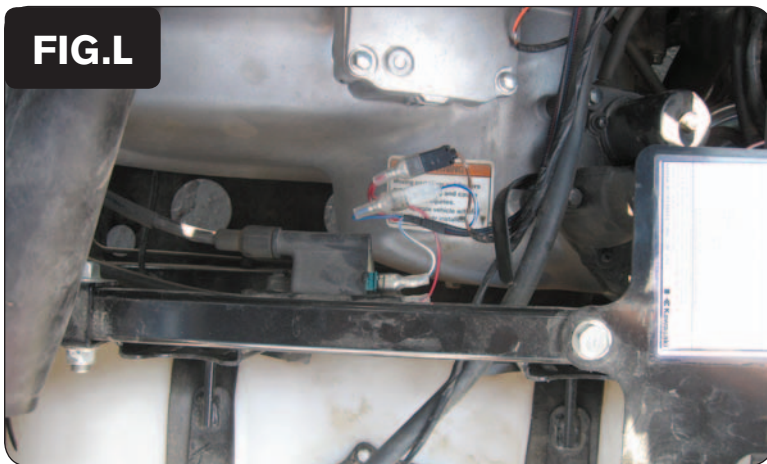
- 9 Locate the front ignition coil forward of the battery compartment below the driver's seat.
- 10 Unplug the lower wire with the WHITE connector from the front coil (Fig. I).
This is the lower wire originally going to the GREEN pin of the coil.



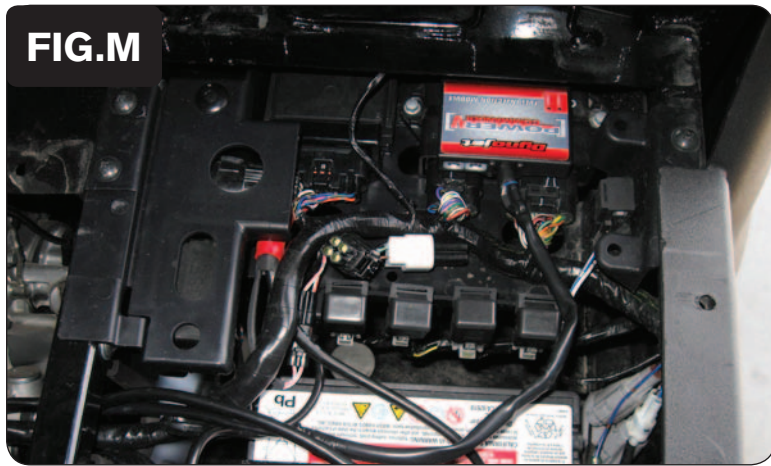
- 11 Plug the GREEN colored wires of the PCV wiring harness in-line of the front coil and stock coil wire with the WHITE connector (Fig. J).



- 12 Locate the rear ignition coil secured to the frame between the engine and the fuel tank (Fig. K).
- 13 Unplug the stock coil wire with the WHITE connector from the coil.
This upper coil wire is originally going to the GREEN pin of the coil.
- 14 Plug the BLUE colored wires of the PCV wiring harness in-line of the rear coil and the stock coil wire with the WHITE connector (Fig. L).



- 15 Unplug the stock coil wire with the BLACK connector from the coil (Fig. K).
This lower coil wire is originally going to the BLACK pin of the coil.
- 16 Plug the RED colored wires of the PCV wiring harness in-line of the rear coil and the stock coil wire with the BLACK connector (Fig. L).



- 17 Using the supplied velcro secure the PCV module to the top of the ECU (Fig. M).
Make sure to use the alcohol swab to clean both surfaces before attaching.
- 18 Reinstall the covers and seats.