

[POWER COMMANDER V]

FUEL AND IGNITION

2012-2013 Kawasaki Teryx 4

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!

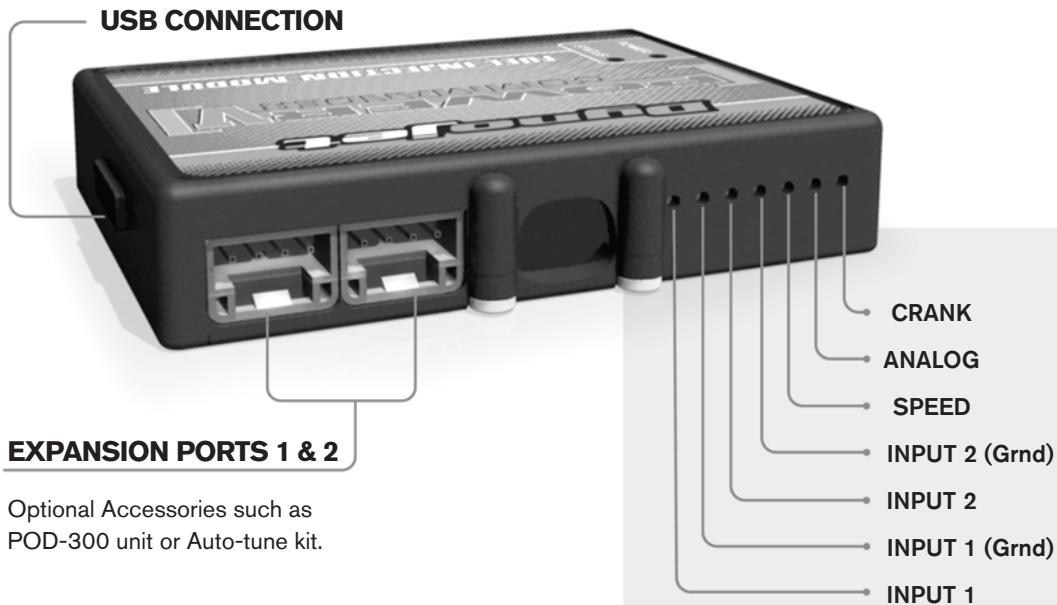
THE LATEST POWER COMMANDER SOFTWARE AND MAP FILES CAN BE DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com

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-

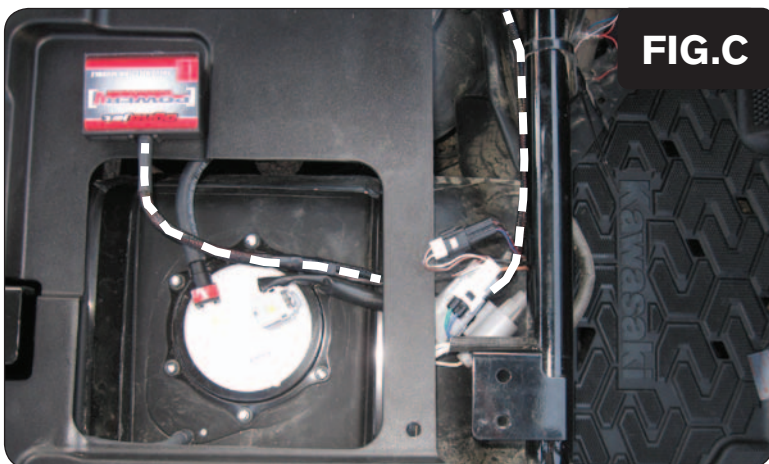
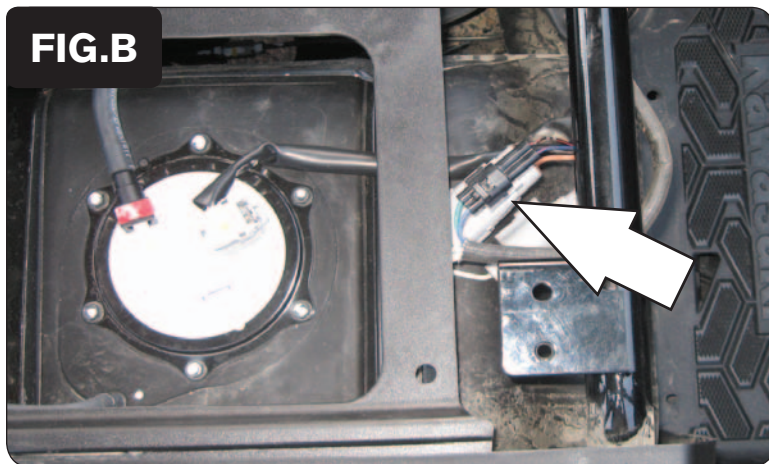
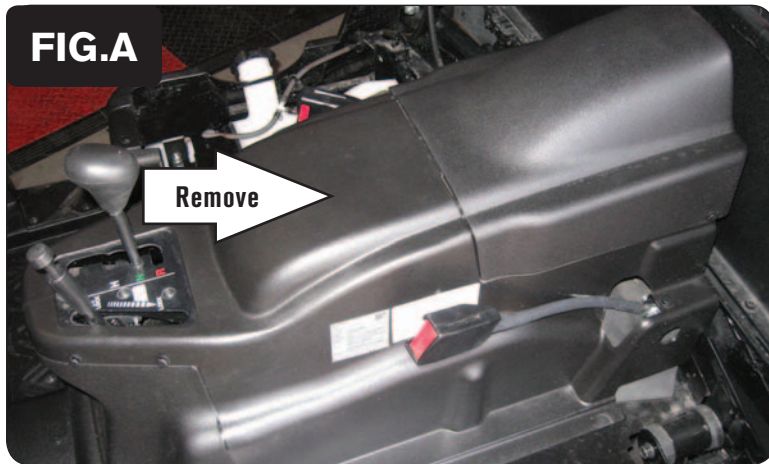
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent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

2 Locate and unplug the BLACK 2-pin connectors for the vehicle's Crank Position Sensor under the passenger seat just in front of the fuel tank (Fig. B).

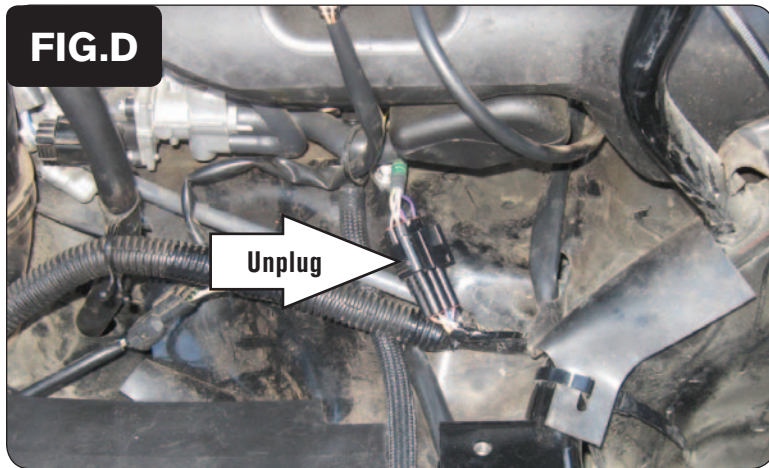
The plastic kick panel under the seats was removed in this picture for demonstration purposes, but does not need to be removed for the purpose of this installation.

3 Secure the module under the front passenger seat in the location shown in Figure C.

Use the supplied Velcro to secure the module. Clean both surfaces with the supplied alcohol swab prior to applying the Velcro.

4 Route the PCV wiring harness forward towards the CPS connectors and then left towards the engine compartment.

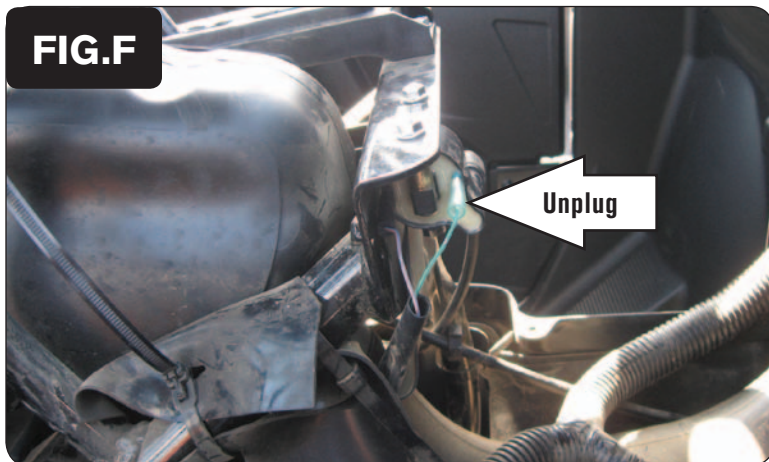
5 Plug the PCV wiring harness in-line of the CPS and the stock wiring harness (Fig. C).



- 6 Locate and unplug the stock wiring harness from the throttle bodies (Fig. D).
This is a BLACK 6-pin connector located at the right side of the engine.



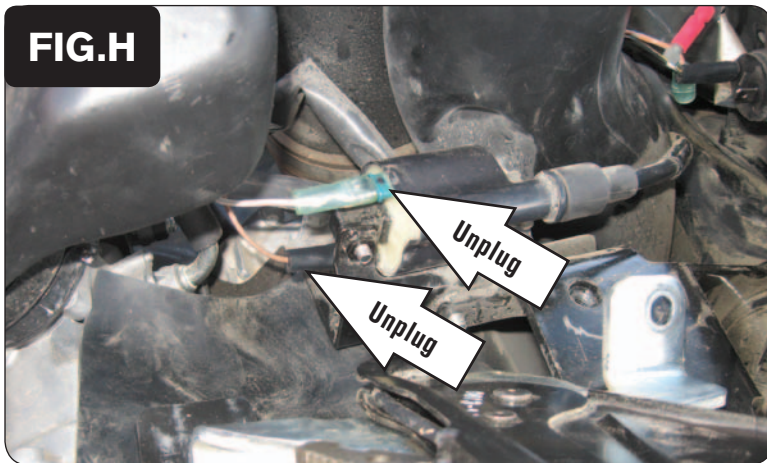
- 7 Plug the PCV connectors in-line of the stock wiring harness and throttle body harness (Fig. E).



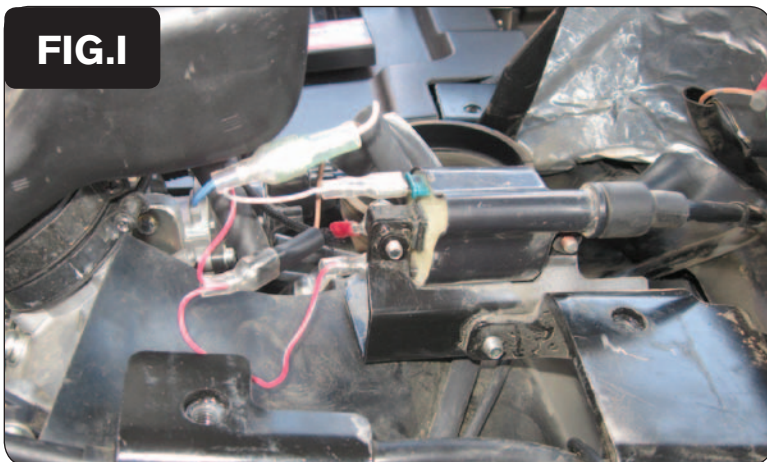
- 8 Route the PCV wiring harness leads with the GREEN colored wires towards the Front Ignition Coil.
The Front Ignition Coil is located at the front of the airbox.
- 9 Unplug the GREEN Ignition Coil wire with the CLEAR insulator towards the front of the Ignition Coil.
This is the forward wire originally going to the GREEN pin of the coil.



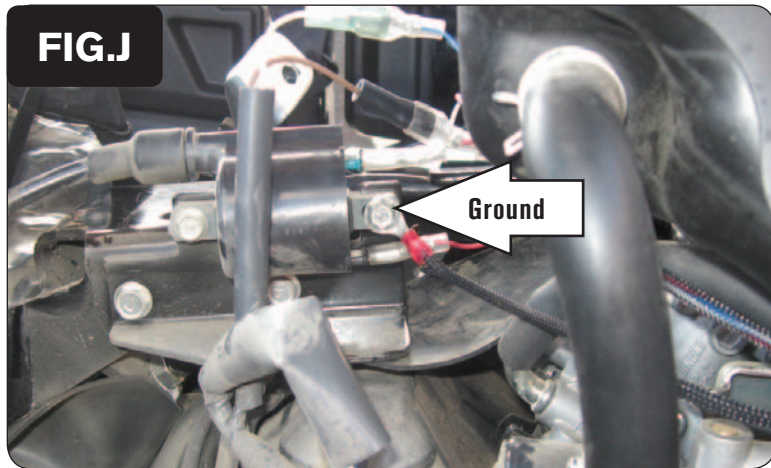
- 10 Plug the GREEN colored wires of the PCV wiring harness in-line of the GREEN Front Ignition Coil pin and the stock GREEN Front Ignition Coil wire with the CLEAR insulator (Fig. G).



- 11 Route the PCV wiring harness leads with the RED and BLUE colored wires towards the Rear Ignition Coil.
The Rear Ignition Coil is located at the rear of the airbox.
- 12 Unplug the WHITE coil wire with the CLEAR insulator from the upper coil pin.
This is the upper wire originally going to the GREEN pin of the coil.
- 13 Unplug the BROWN coil wire with the BLACK insulator from the lower coil pin (Fig. H).
This is the lower wire originally going to the BLACK pin of the coil.



- 14 Plug the BLUE colored wires of the PCV wiring harness in-line of the GREEN upper Rear Ignition Coil pin and the stock Rear Ignition Coil WHITE wire with the CLEAR insulator.
- 15 Plug the RED colored wires of the PCV wiring harness in-line of the BLACK lower Rear Ignition Coil pin and the stock Rear Ignition Coil BROWN wire with the BLACK insulator (Fig. I).



- 16 Secure the ground wire of the PCV wiring harness with the eyelet to the bolt that holds the Rear Ignition Coil to its bracket (Fig. J).
- 17 Reinstall the engine cover and seats.