

[POWER COMMANDER V]

2012-2013 Kawasaki KX450F

Installation Instructions



Parts List

- 1 Power Commander
- 1 USB Cable
- 1 CD-ROM
- 1 Installation Guide
- 2 Power Commander Decals
- 2 Dynojet Decals
- 1 Zip tie

The ignition MUST be turned OFF before installation!

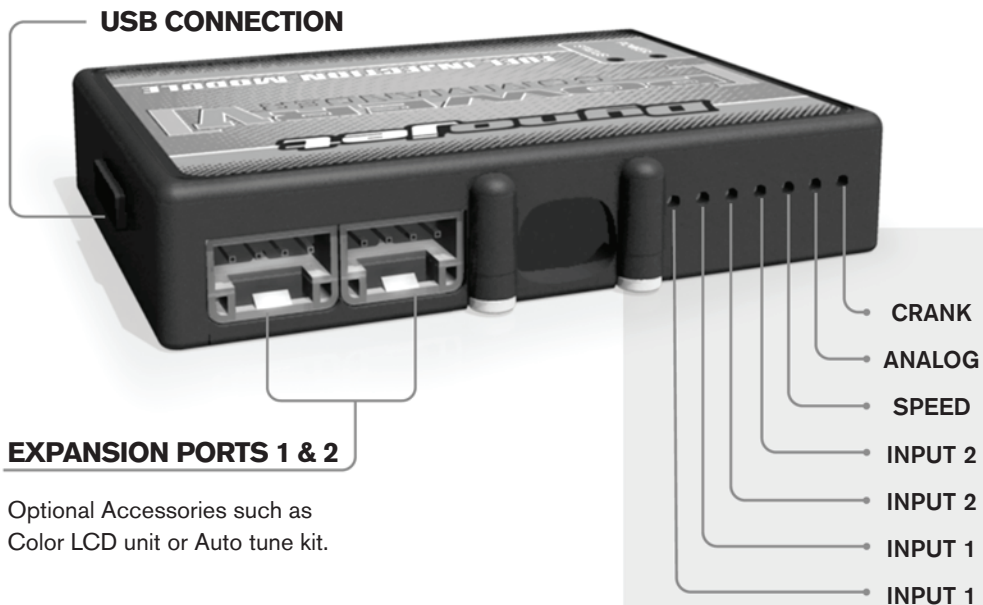
YOU CAN ALSO DOWNLOAD THE
POWER COMMANDER SOFTWARE AND
LATEST MAPS FROM OUR WEB SITE AT:
WWW.POWERCOMMANDER.COM

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



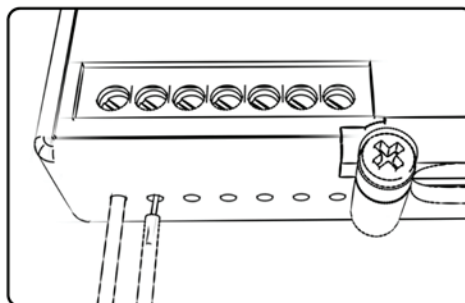
EXPANSION PORTS 1 & 2

Optional Accessories such as Color LCD unit or Auto tune kit.

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 -

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 input 1, by default.)

Shifter-

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 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-

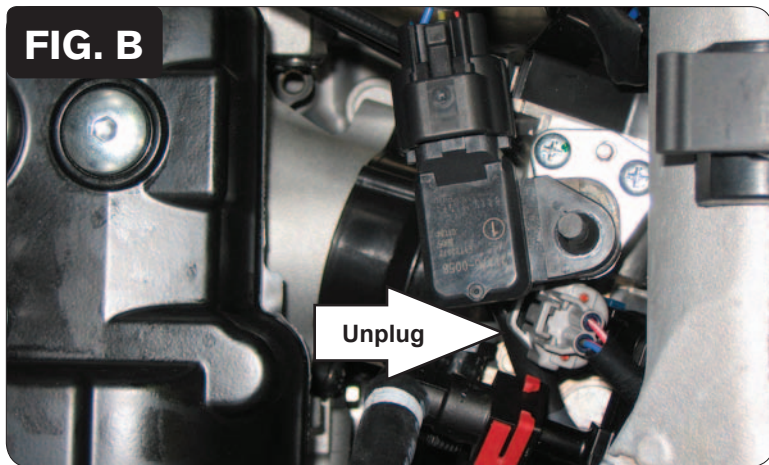
This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the control center software.

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.



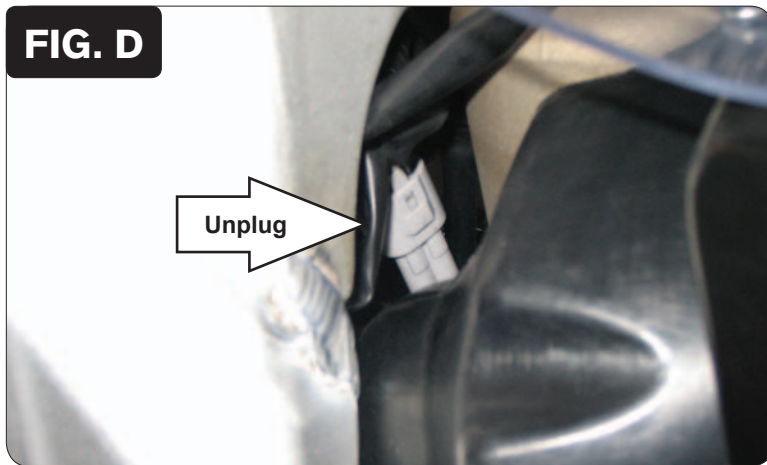
- 1 Remove the seat, fuel tank and front number plate.
- 2 Using supplied Velcro attach the PCV to the backside of the number plate. Make sure to use the alcohol swab to clean both surfaces before attaching.
- 3 Route the PCV harness to the left side of the frame following the throttle cable.



- 4 Unplug the stock wiring harness from the injector (Fig. B).

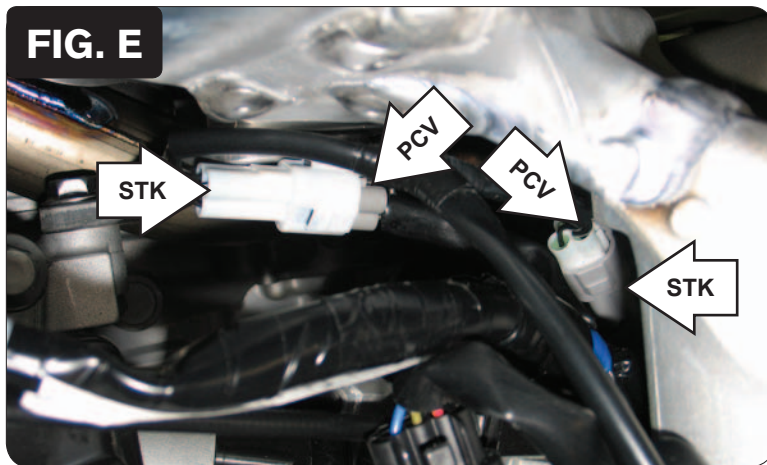


- 5 Connect the PCV in-line of the stock wiring harness and the injector (Fig. C).

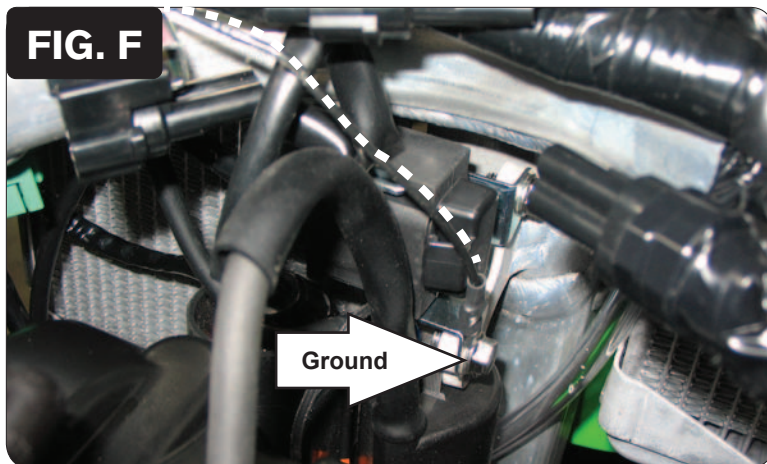


- 6 Unplug the Throttle Position Sensor harness (Fig. D). This connector is located behind the throttle body and is a WHITE 3 pin connector. It is best accessed from the right side of the bike.

Figure D was taken from the left side of the bike, between the frame and air box.



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



- 8 Remove the upper bolt that holds the Ignition coil to the frame. Attach the ground wire from the PCV to the frame using this bolt (Fig.F).
- 9 Reinstall the fuel tank, seat, and number plate. Make sure the tank does not pinch the PCV wiring harness.