

[POWER COMMANDER V]

2016-2017 Honda CRF1000L

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
- 2 Posi-taps

THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION!

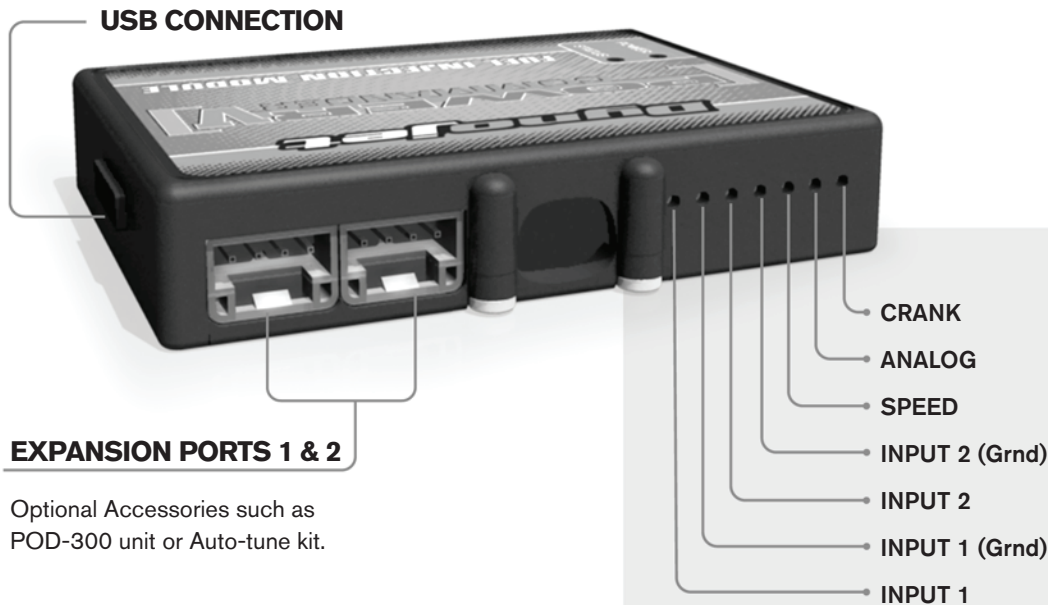
THE LATEST POWER COMMANDER SOFTWARE AND MAP FILES CAN BE DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Dynojet

2191 Mendenhall Drive North Las Vegas, NV 89081 (800) 992-4993 www.powercommander.com

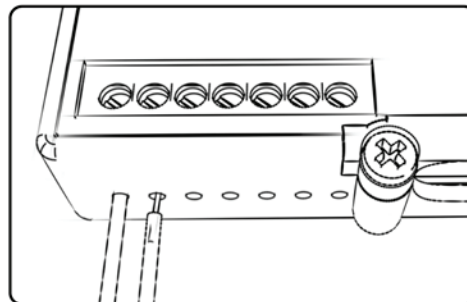
POWER COMMANDER V INPUT ACCESSORY GUIDE



PCV Wire Connections

1. Remove the rubber plug on the backside of the unit and loosen the screw for the corresponding input.
2. Using a 22-24 gauge wire, strip about 10mm from its end.
3. Push the wire into the hole of the PCV until it stops and then tighten the screw.
4. 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 two different base maps. You can switch on the fly between these two base maps when you connect 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) Not used for continuously variable transmissions. (Set to Switch Input #2 by default.)

Speed-

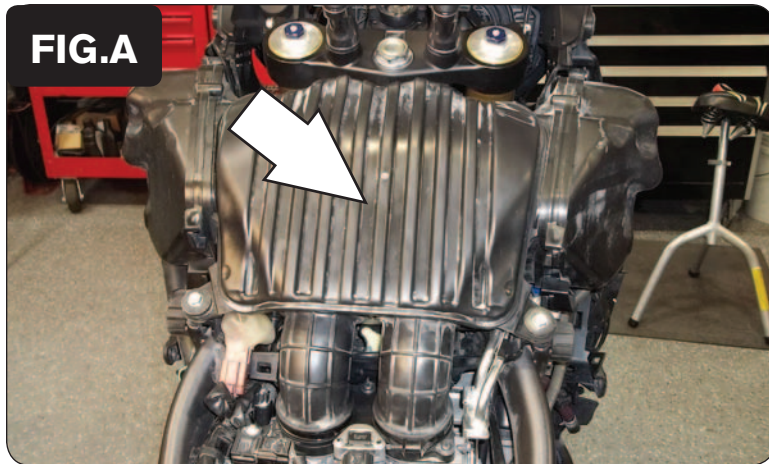
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent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

Analog-

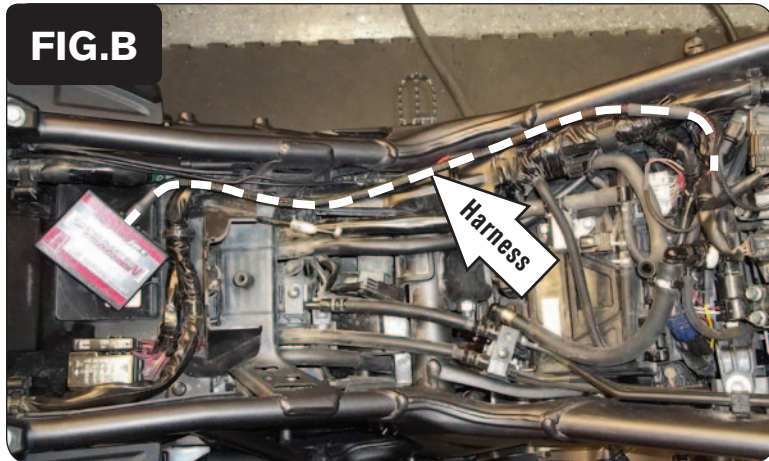
This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the control center software.

Crank-

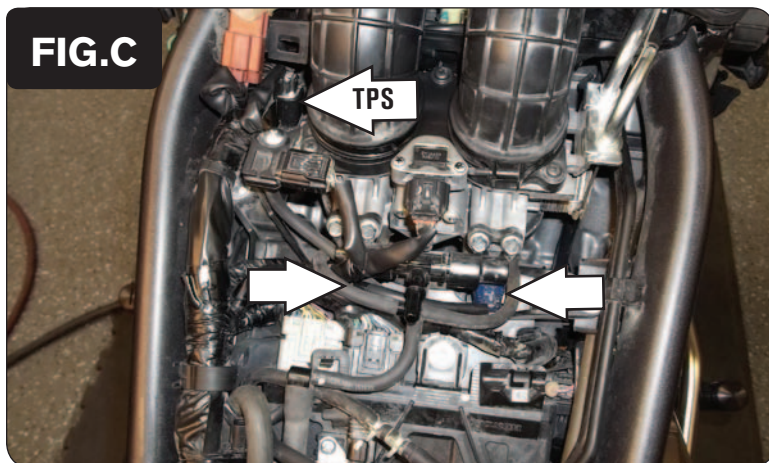
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.



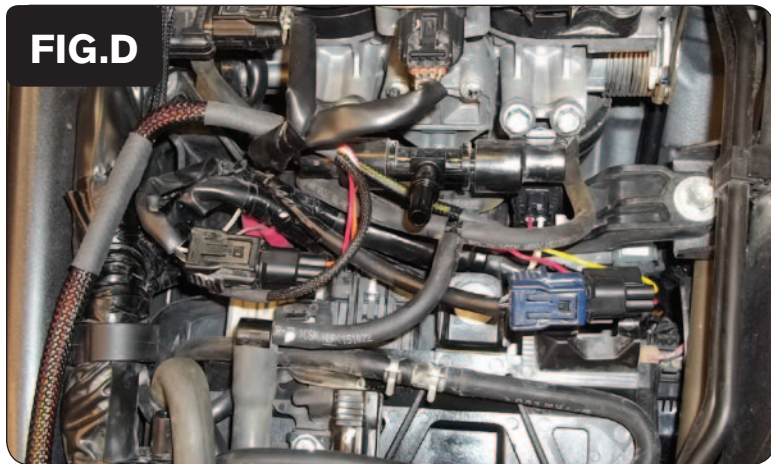
- 1 Remove the seat and fuel tank.
- 2 Remove the airbox (Fig. A).



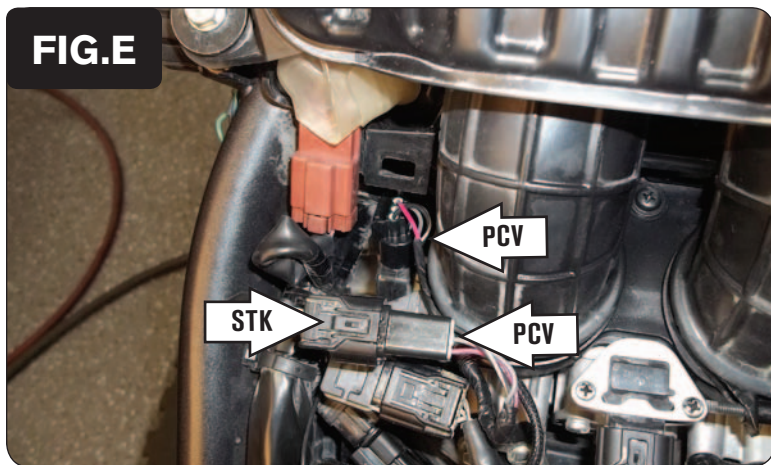
- 3 Lay the PCV in the tail section.
- 4 Route the PCV harness along the left side of the motorcycle (Fig. B).



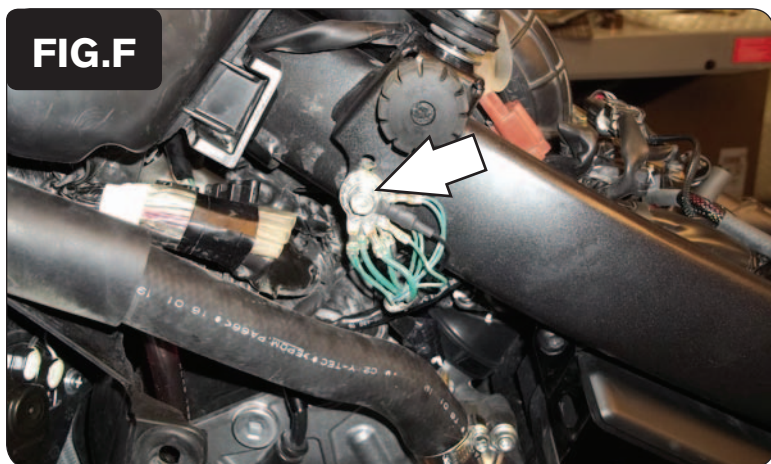
- 5 Locate the fuel injectors and unplug the stock wiring harness from each injector (Fig. C).
- 6 Unplug the stock wiring harness from the Throttle Position Sensor (Fig. C).
This connector is located on the left side of the throttle bodies.



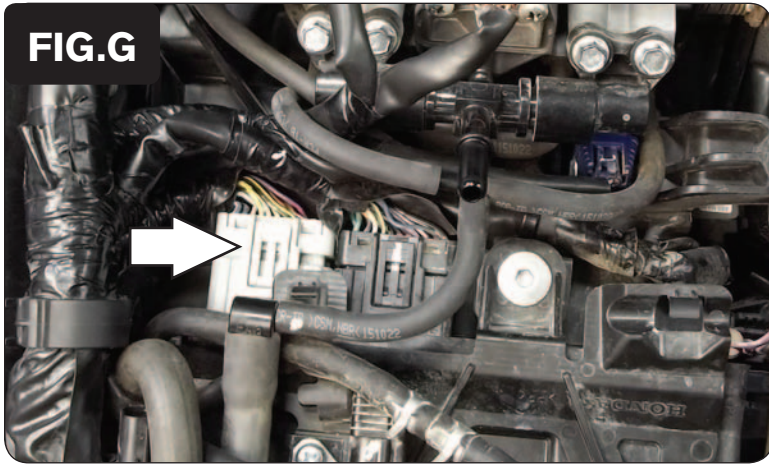
- 7 Plug the PCV harness in-line of the stock injectors and wiring harness (Fig. D).
PCV - ORANGE wires go to left cylinder (#1).
PCV - YELLOW wires go to right cylinder (#2).



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

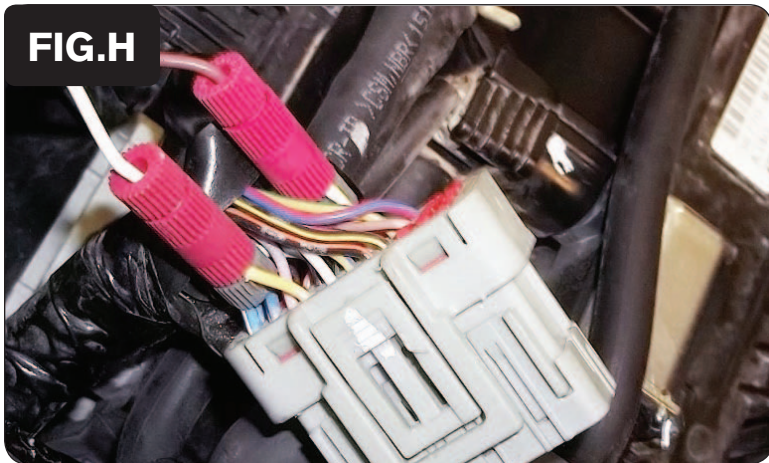


- 9 Attach the ground wire of the PCV to the common ground location on the left side of the frame (Fig. F).



- 10 Unplug the GREY connector from the stock ECU (Fig. G).

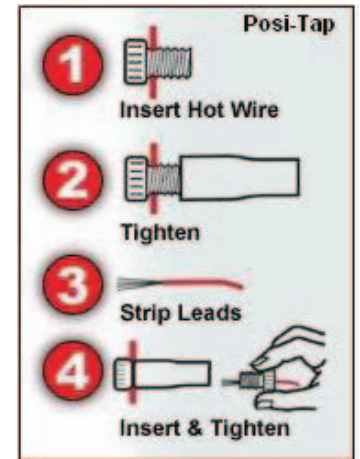
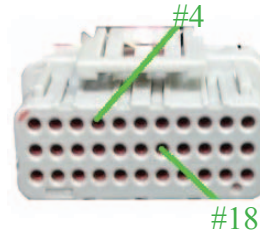
The ECU is located just rear of the throttle bodies. This allows access to the wires.



- 11 Using the supplied Posi-taps connect the crank wires from the PCV to the stock wiring harness (Fig. H).

PCV WHITE/BROWN to YELLOW (#4)

PCV BROWN/WHITE to WHITE/YELLOW (#18)



- 12 Secure the PCV in the tail section using the supplied velcro.
 13 Reinstall airbox, fuel tank and seat.