

[POWER COMMANDER V]

2018 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!

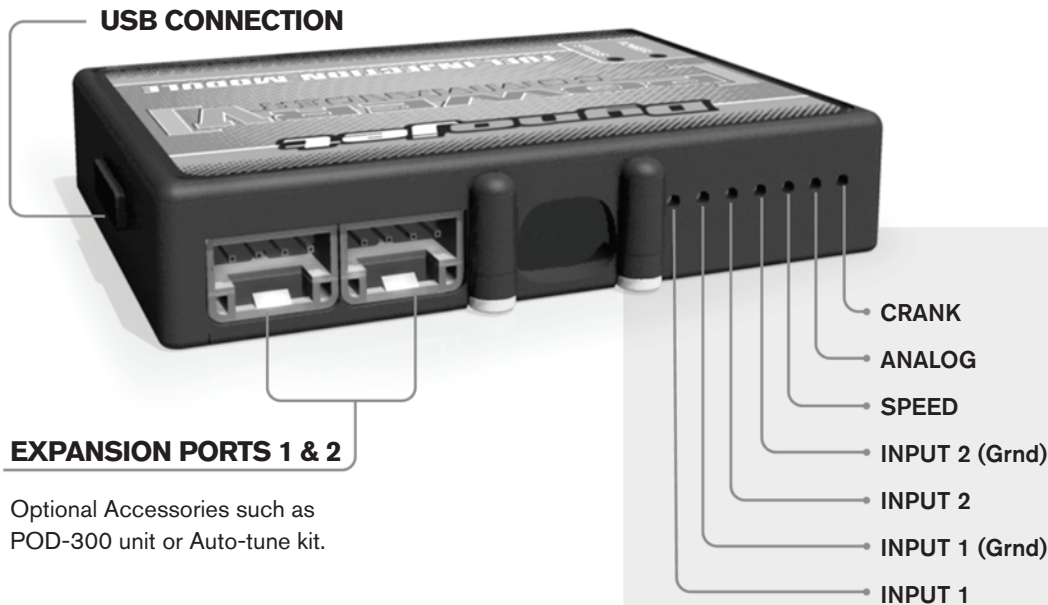
THE LATEST POWER COMMANDER SOFTWARE AND MAP FILES CAN BE DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Dynojet

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

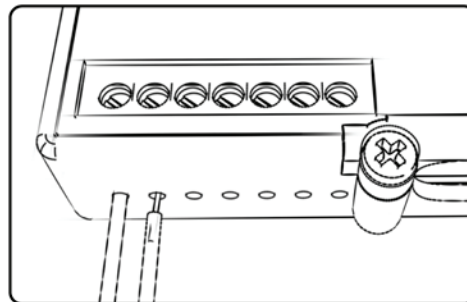
POWER COMMANDER V INPUT ACCESSORY GUIDE



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-

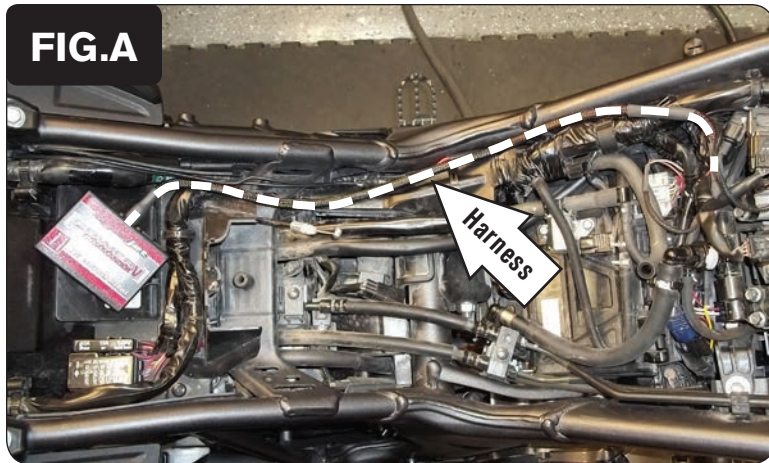
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent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

Analog-

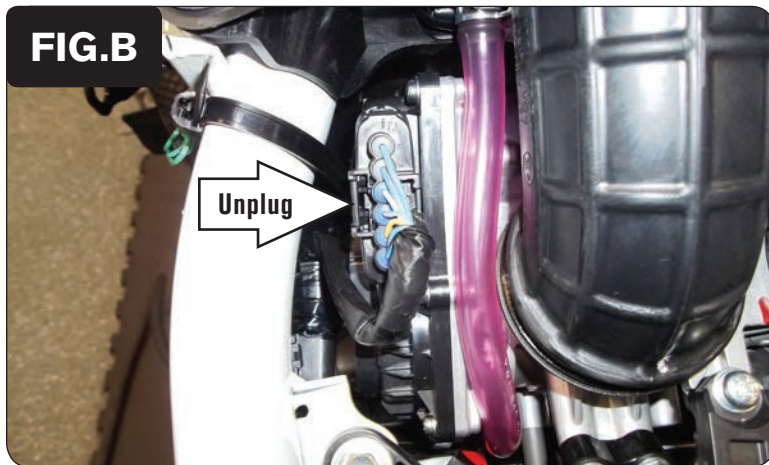
This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the control center software.

Crank-

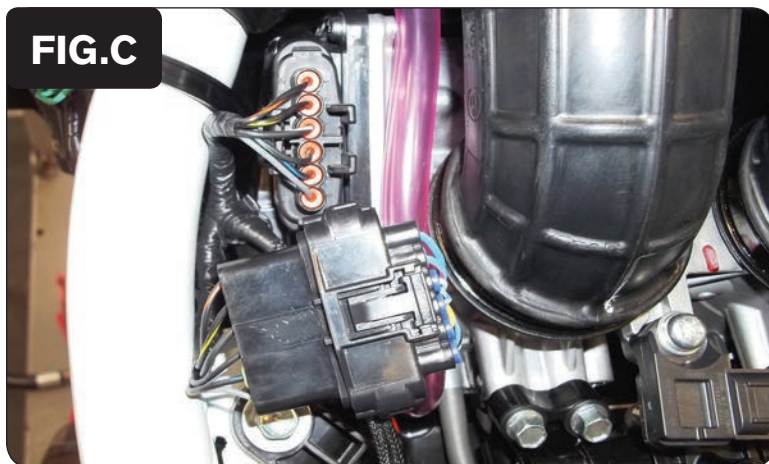
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.



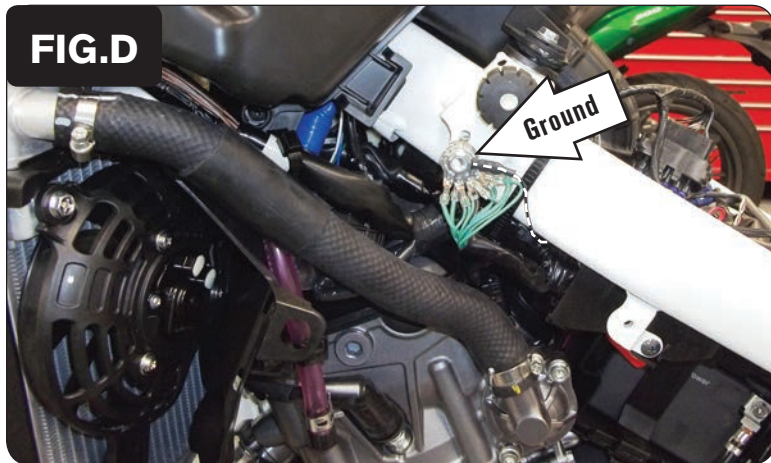
- 1 Remove the seat and fuel tank.
- 2 Lay the PCV in the tail section.
- 3 Route the PCV harness along the left side of the motorcycle (Fig. A).



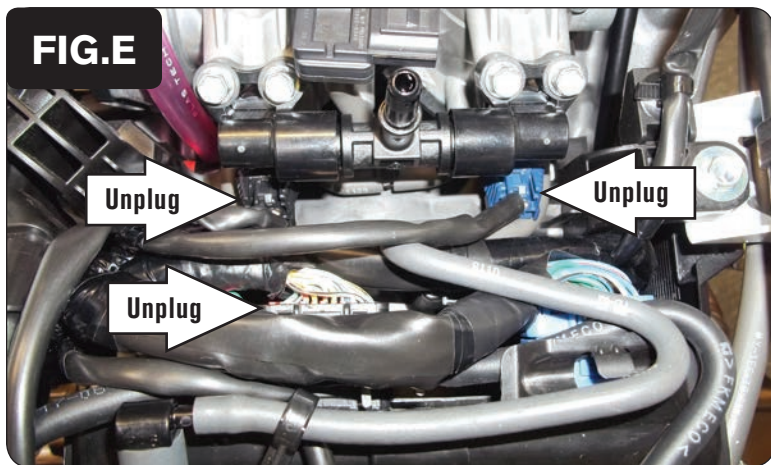
- 4 Unplug the stock wiring harness from the Throttle Body Servo (Fig. B).
This connector is located on the left side of the throttle bodies.



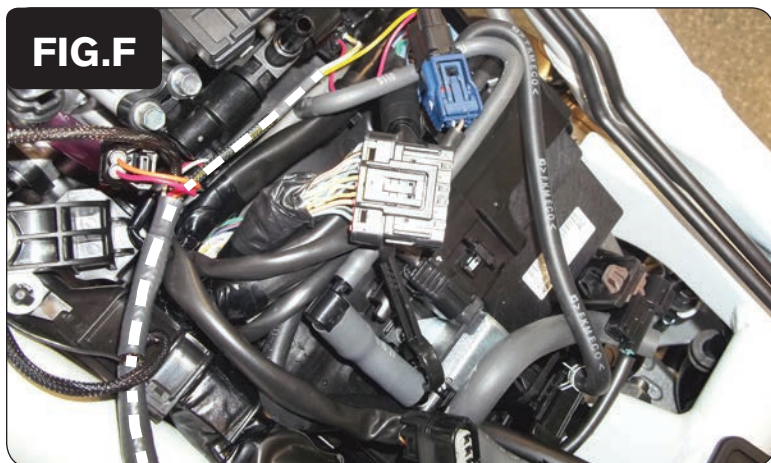
- 5 Plug the PCV wiring harness in-line of the Throttle Body Servo and the stock wiring harness (Fig. C).



- 6 Secure the PCV ground wire with the small ring terminal to the common ground bolt on the left side of the frame (Fig. D).



- 7 Unplug both fuel injectors.
- 8 Unplug the BLACK connector from the bike's ECM (Fig. E).



- 9 Plug the PCV wiring harness in-line of both fuel injectors and the stock wiring harness (Fig. F).

The PCV connectors with ORANGE colored wires will go in-line of the LEFT injector.

The PCV connectors with YELLOW colored wires will go in-line of the RIGHT injector.

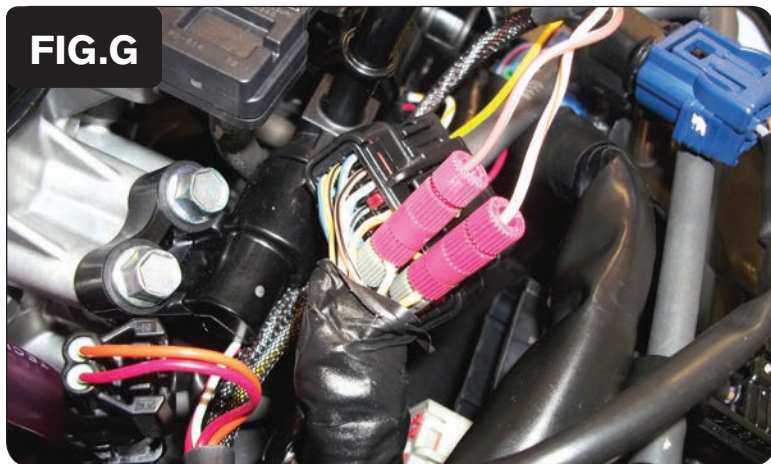
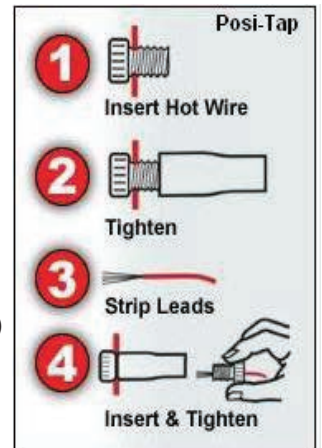
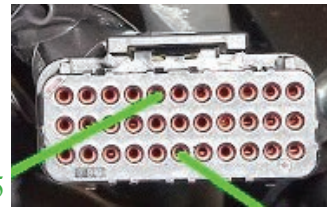


FIG.G

- 10 Using the supplied Posi-taps attach the unterminated crank wires from the PCV to the stock wires on the BLACK ECM connector (Fig. G).

PCV WHITE/BROWN to YELLOW (pin #5)

PCV BROWN/WHITE to WHITE/YELLOW (pin #28)



- 11 Plug the BLACK ECM connector back on to the ECM after attaching the PCV wires.
- 12 Secure the PCV module in the tail section with the supplied Velcro (Fig. H).
Clean surfaces with the alcohol swab before attaching the Velcro.
- 13 Reinstall the fuel tank and seat.

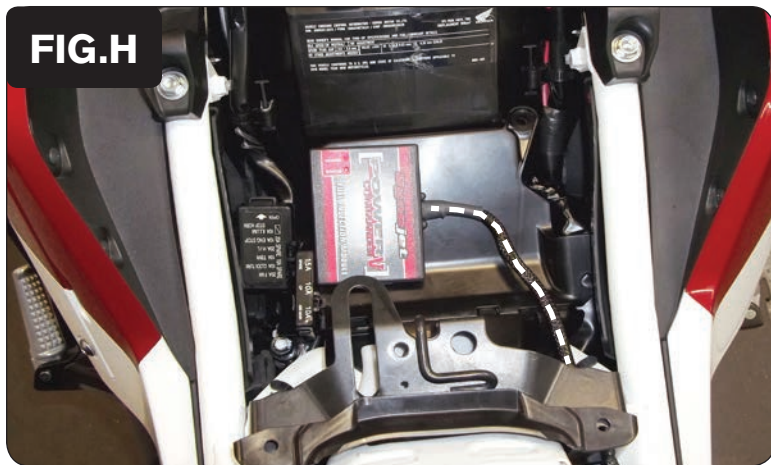


FIG.H