[POWER COMMANDER V]

2017 Honda CBR1000RR

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
1	Posi-tap

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

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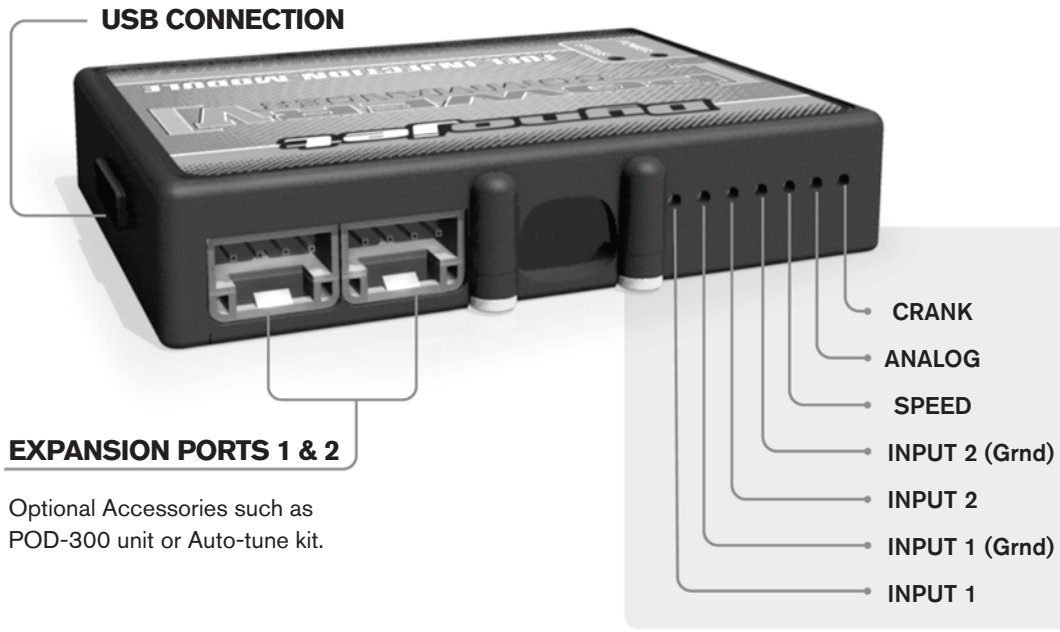
POWER COMMANDER V
INPUT ACCESSORY GUIDE

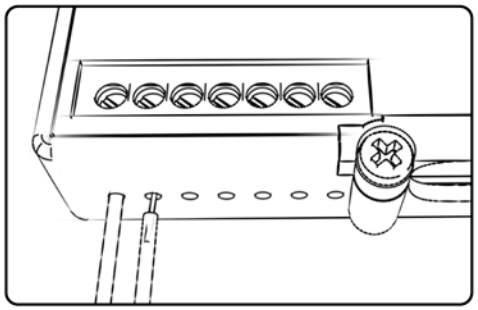


Optional Accessories such as POD-300 unit or Auto-tune kit.

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 is 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.

FIG.A

1 Remove the main seat and the passenger seat.

2 Remove the fuel tank cover.

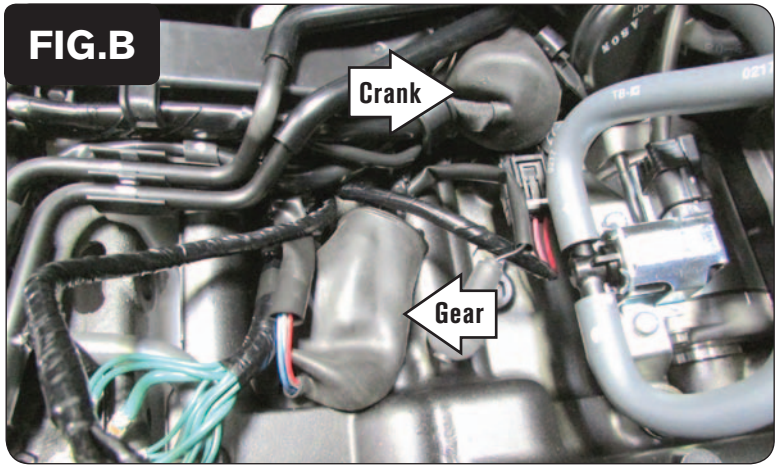
3 Remove the fuel tank. Remove all of the padding and rubber around the airbox and behind it.

4 Mount the PCV in the tail section using the supplied Velcro (Fig. A).

Make sure to clean both surfaces with the alcohol swab before attaching.

5 Route the PCV harness down the right side of the bike.

FIG.B



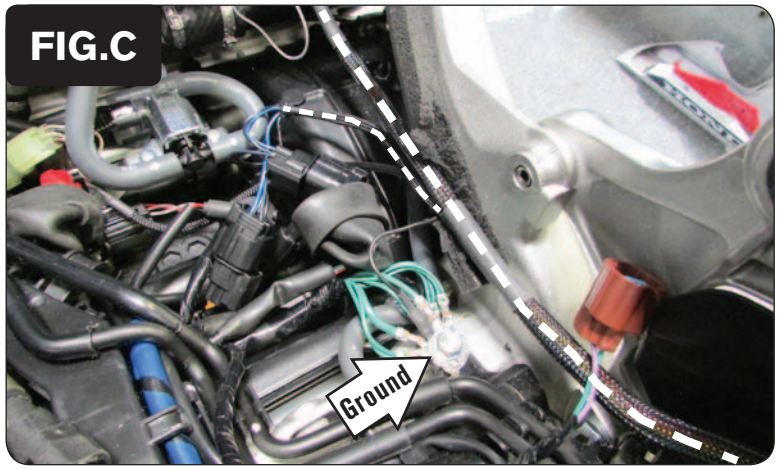
6 Expose and unplug the stock Gear Position Sensor connectors and the stock Crank Position Sensor connectors (Fig. B).

They are inside rubber boots above the gear box.

The Gear connectors are BLACK and have 4 pins.

The Crank connectors are RED and have 2 pins.

FIG.C



7 Plug the PCV wiring harness in-line of the stock Gear Position Sensor connectors.

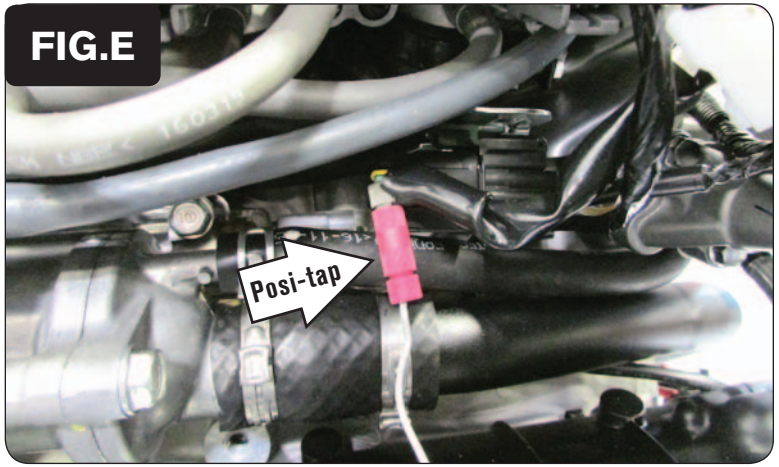
8 Secure the PCV ground wire with the small ring terminal to the stock common ground bolt on the right side of the frame (Fig. C).

FIG.D

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

10 Store the Crank and Gear connectors back inside the stock rubber boots.

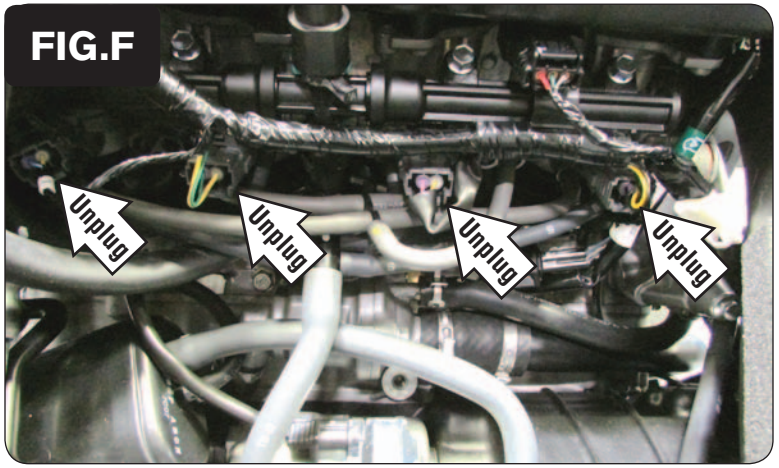
FIG.E



11 Use the supplied Posi-tap to attach the PCV GREY wire to the stock BLACK wire of the Throttle Position Sensor (Fig. E).

This wire can be found on a BLACK 4-pin connector directly below the #4 Lower Primary Fuel Injector.

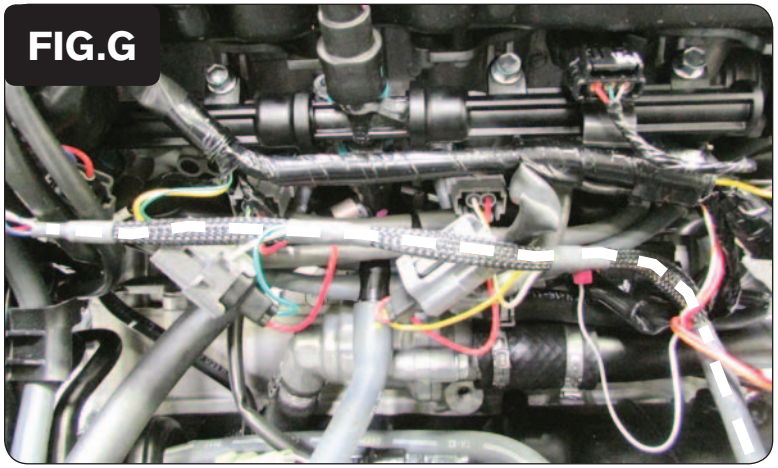
FIG.F



12 Unplug all four of the Lower Primary Fuel Injectors (Fig. F).

These are the fuel injectors found below the airbox at the back of each throttle body.

FIG.G



13 Plug the PCV wiring harness in-line of each Lower Primary Fuel Injector and the stock wiring harness (Fig. G).

ORANGE - #1 cylinder

YELLOW - #2 cylinder

GREEN - #3 cylinder

BLUE - #4 cylinder

14 Reinstall the padding and rubber around the airbox, the fuel tank, the bodywork, and the seats.

Make sure the tank does not pinch the PCV wiring harness.

Optional inputs:

Speed - PINK/GREEN wire of VSS - The sensor is located on top of engine cases near starter.

Engine Temperature - BLUE/YELLOW wire in the thermostat housing rear of the cylinder block