

[POWER COMMANDER V]

2019 Suzuki RMZ250

Installation Instructions



PARTS LIST

- 1 Power Commander
- 1 USB Cable
- 1 Installation Guide
- 2 Power Commander Decals
- 2 Dynojet Decals
- 2 Dual lock strips
- 1 Alcohol swab
- 1 Positap

**THE IGNITION MUST BE TURNED
OFF BEFORE INSTALLATION!**

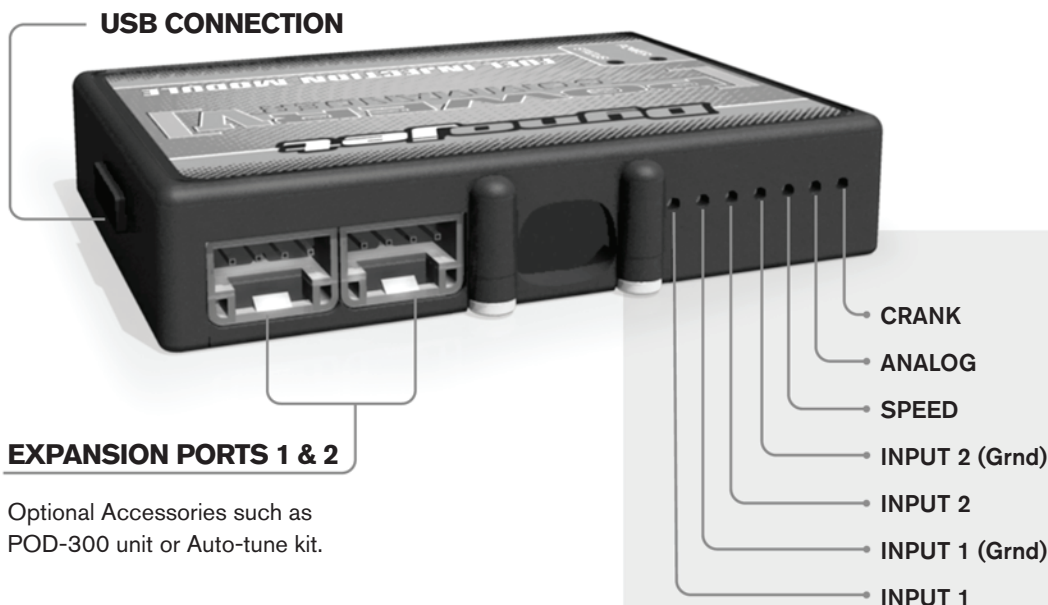
THE LATEST POWER COMMANDER
SOFTWARE AND MAP FILES CAN BE
DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com

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

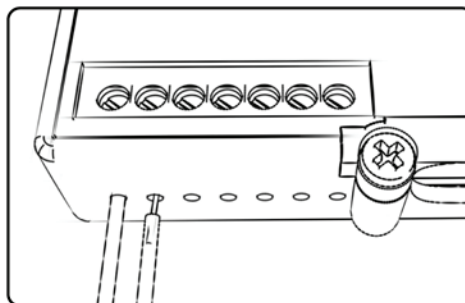


Optional Accessories such as
POD-300 unit or Auto-tune kit.

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 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.

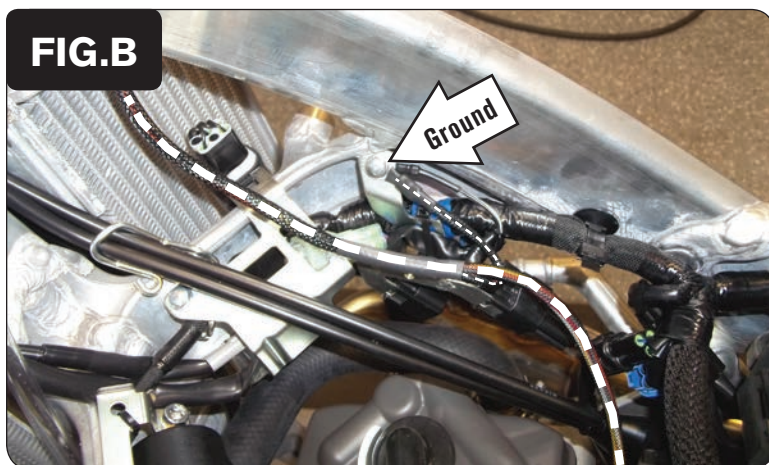
Crank-

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.

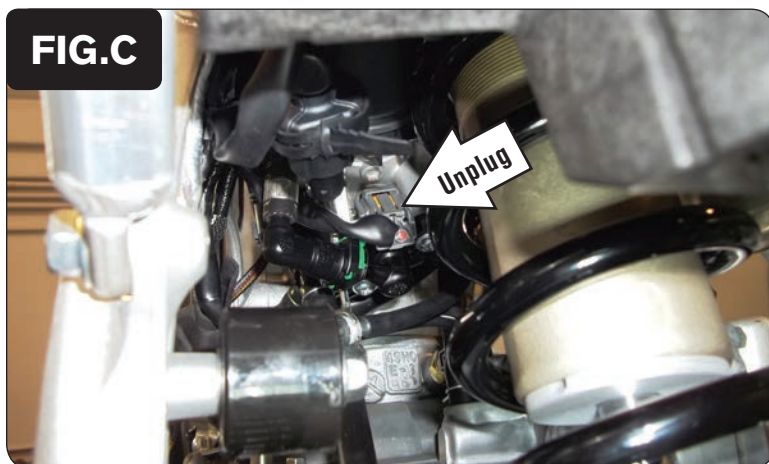


- 1 Remove the seat, the radiator shrouds, and the fuel tank.
- 2 Secure the PCV module to the outside of the right side frame rail just rear of the radiator as shown in Figure A.

Use the supplied dual lock Velcro to secure the module. Clean surfaces with the alcohol swab before attaching the Velcro.



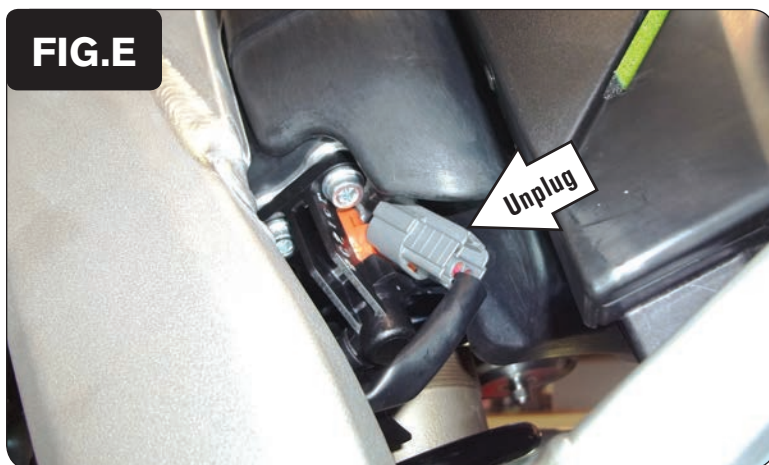
- 3 Secure the PCV ground wire with the small ring terminal to the frame using the stock common ground bolt shown in Figure B.



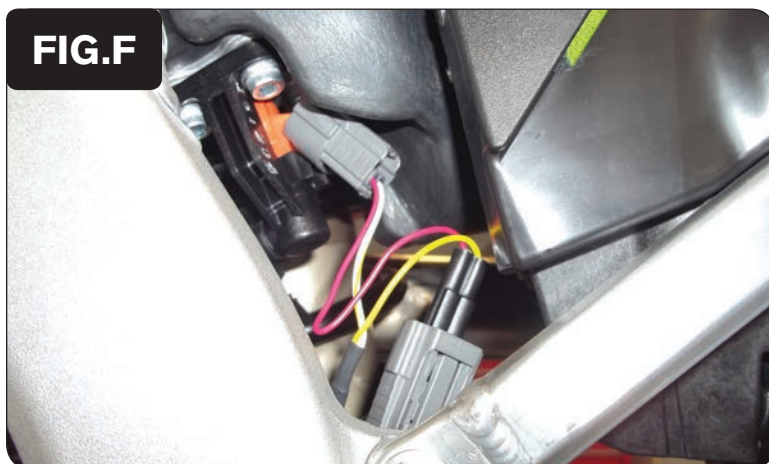
- 4 Locate and unplug the Primary Fuel Injector (Fig. C).
This injector is located on the bottom of the throttle body.



- 5 Plug the pair of PCV wiring harness leads with ORANGE colored wires in-line of the primary injector and stock wiring harness (Fig. D).



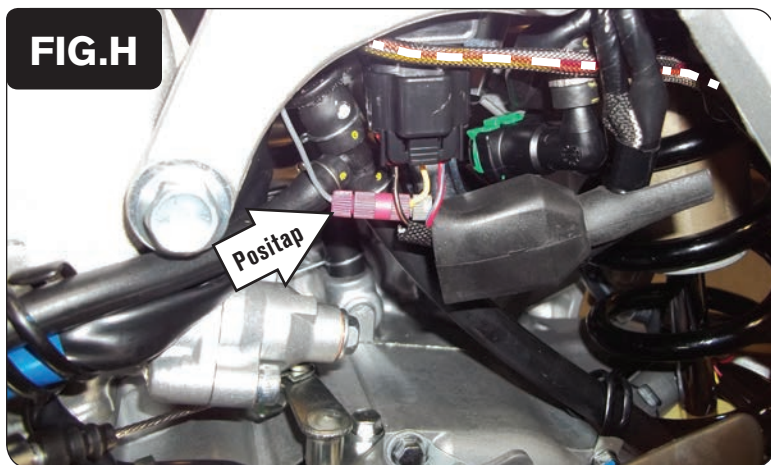
- 6 Locate and unplug the Secondary Fuel Injector (Fig. E).
This injector is located on the bottom of the intake plenum rear of the throttle body.



- 7 Plug the pair of PCV wiring harness leads with YELLOW colored wires in-line of the secondary injector and stock wiring harness (Fig. F).



- 8 Pull back on the rubber boot covering the Throttle Position Sensor connector to expose the stock TPS wires (Fig. G).



- 9 Use the supplied Positap to attach the PCV GREY wire to the stock YELLOW wire of the bike's TPS (Fig. H).

Using a small dab of dielectric grease on this connection can help prevent corrosion.

- 10 Pull the stock rubber boot back over the connector to protect the wires.
- 11 Reinstall the fuel tank, bodywork, and the seat.

