

[POWER COMMANDER V]

2010-2012 Suzuki RMZ250

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 Zip ties

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

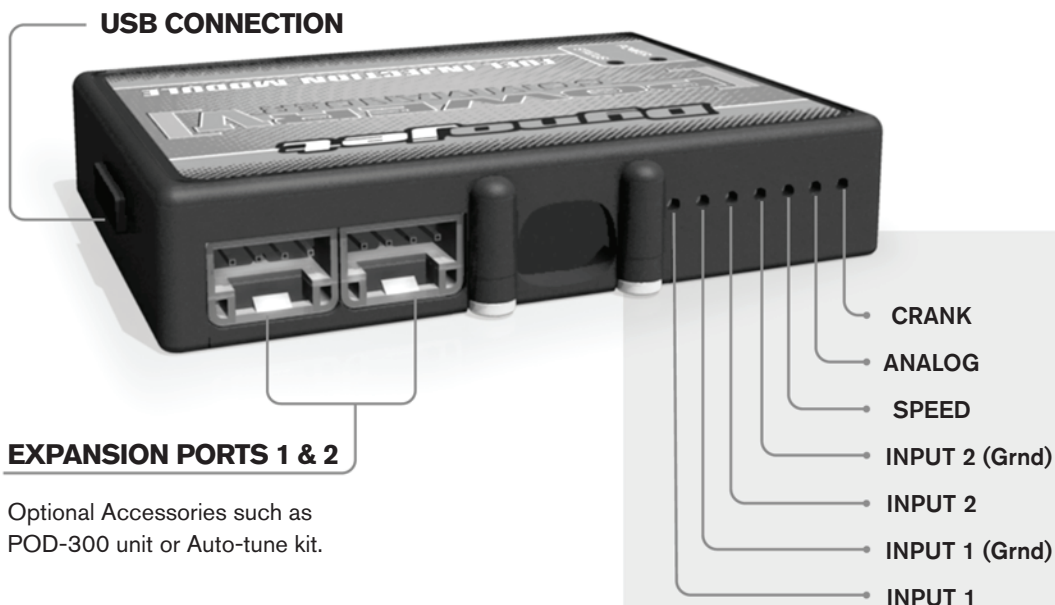
THE LATEST POWER COMMANDER
SOFTWARE AND MAP FILES CAN BE
DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com

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-

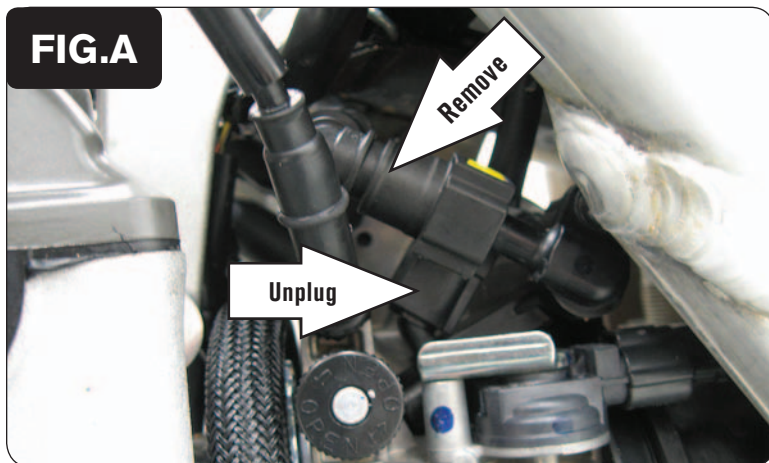
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent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

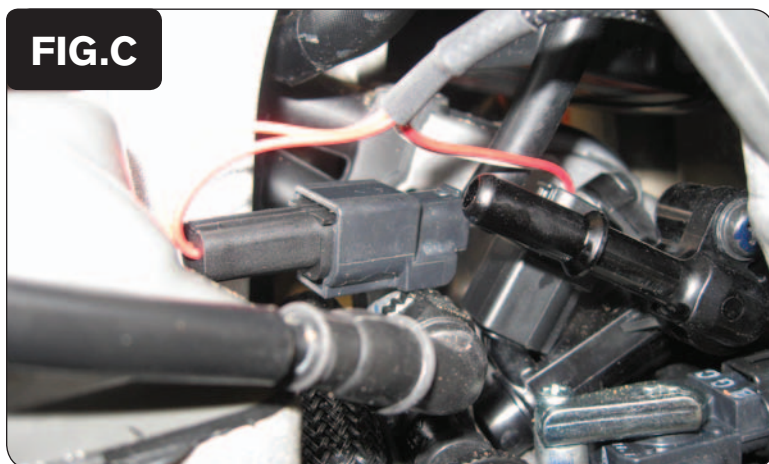
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.



- 1 Remove the seat and fuel tank.
- 2 Remove the fuel line from the throttle body (Fig. A).
This allows access to the fuel injector.
- 3 Unplug the stock wiring harness from the injector (Fig. A).

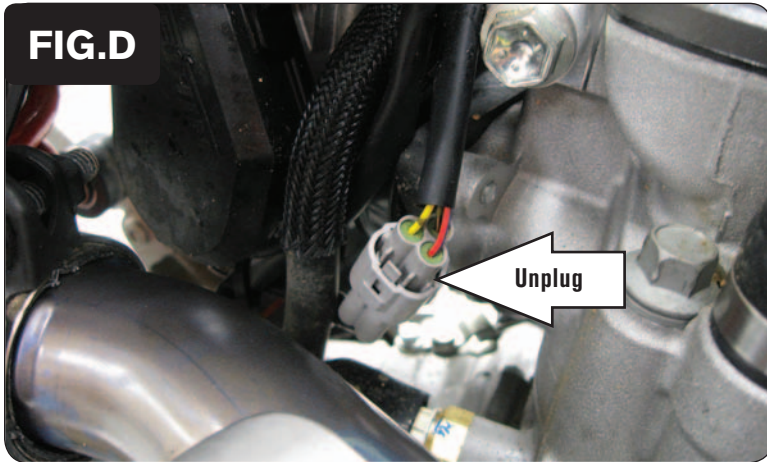


- 4 Mount the PCV to the underside of the stock ECU using the supplied Velcro and zip tie (Fig. B).
This is just above the throttle body. Clean the ECU with the alcohol swab before attaching the Velcro. Secure the unit using the supplied 14" zip tie.



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

FIG.D



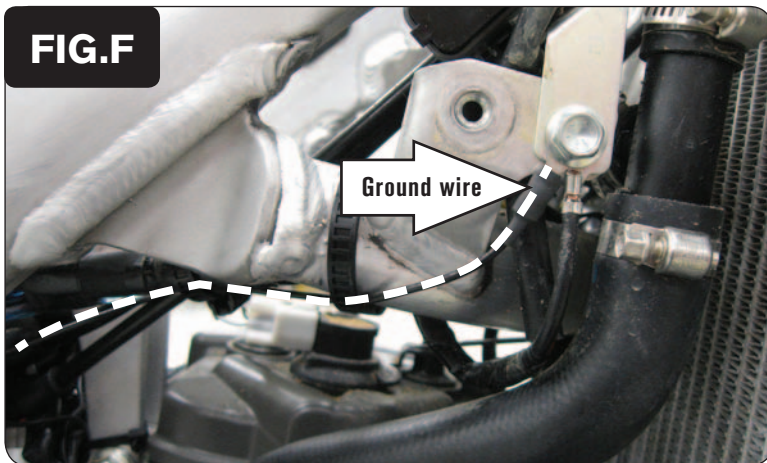
- 6 Unplug the stock Throttle Position Sensor connection (Fig. D).
This is a GREY 3-pin connector on the right side of the throttle body.

FIG.E



- 7 Plug the PCV wiring harness in-line of the stock TPS connectors (Fig. E).
Use the supplied 8" zip tie to secure the harness away from the exhaust.

FIG.F



- 8 Remove the bolt that secures the stock ground wire on right side of the bike (Fig. F).
9 Reinstall the bolt first thru the PCV ground and then the stock ground wire and reinstall bolt in original location.
10 Use the stock wire ties to secure the PCV ground wire in place.
11 Reinstall the fuel tank and seat.