

# [POWER COMMANDER V]

## **2009 Ducati Desmosedici**

### **Installation Instructions**



#### **PARTS LIST**

- 1 Power Commander
- 1 USB Cable
- 1 CD-ROM
- 1 Installation Guide
- 2 Power Commander Decals
- 2 Dynojet Decals
- 2 Velcro
- 1 Alcohol swab
- 2 Zip ties

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

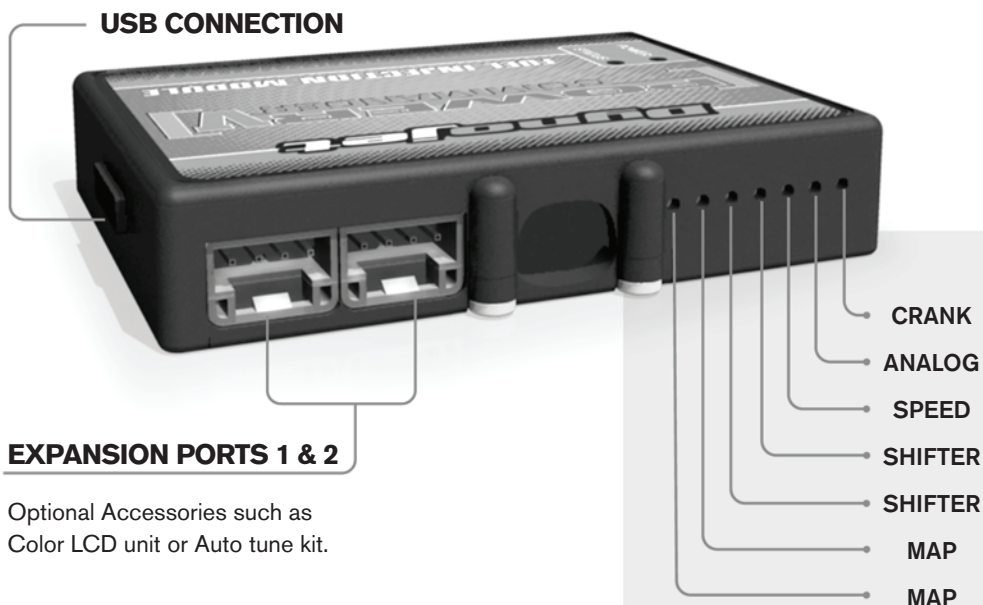
YOU CAN ALSO DOWNLOAD THE  
POWER COMMANDER SOFTWARE AND  
LATEST MAPS FROM OUR WEB SITE AT:  
[www.powercommander.com](http://www.powercommander.com)

**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION**

**Dynojet**

2191 Mendenhall Drive North Las Vegas, NV 89081 (800) 992-4993 [www.powercommander.com](http://www.powercommander.com)

# POWER COMMANDER V INPUT ACCESSORY GUIDE



Optional Accessories such as  
Color LCD 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 -

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.

### Shifter-

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.

### 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-

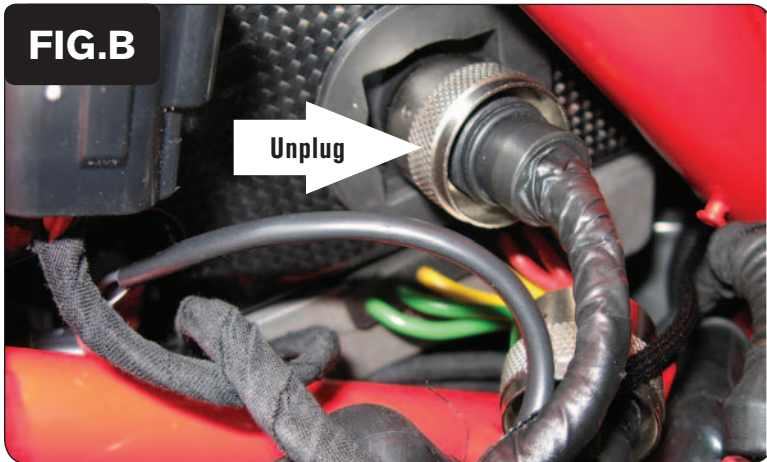
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.

**FIG.A**



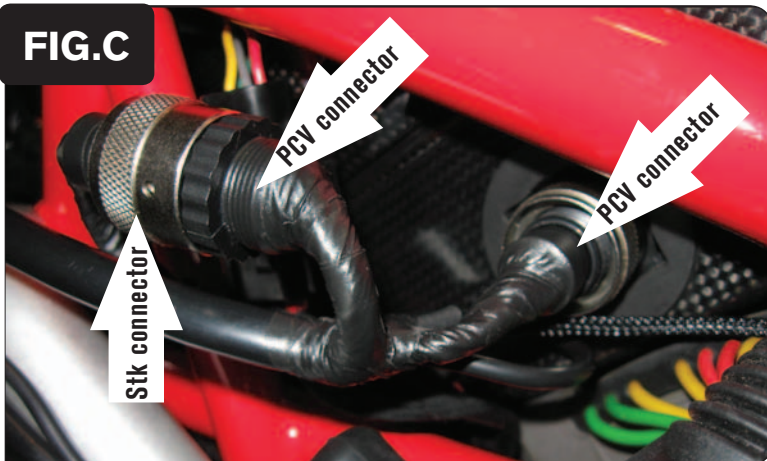
- 1 Remove the seat and fuel tank.
- 2 Remove the left side fairing
- 3 Mount the PCV to left side inner panel using the supplied velcro (Fig. A).  
Make sure to use the alcohol swab to clean both surfaces before attaching.

**FIG.B**



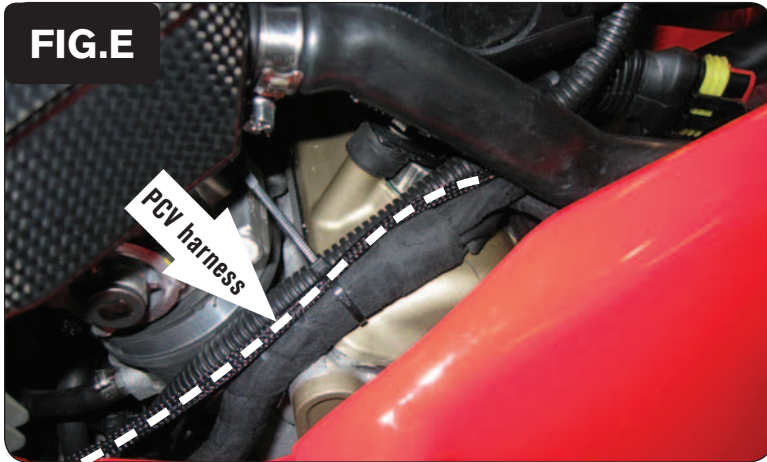
- 4 Locate the throttle body subconnector on the left side of the air box (Fig. B).  
Unplug this connector by turning counter-clockwise.

**FIG.C**



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



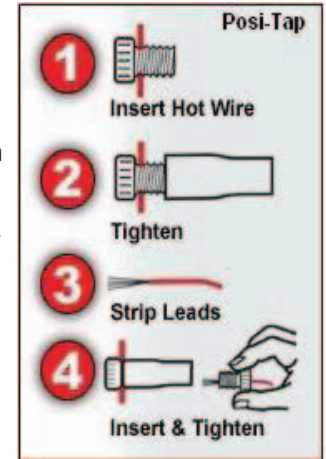
**FIG.D****FIG.E****FIG.F**

- 6 Locate the Throttle Position Sensor connector on the left side of the throttle bodies. This is a 3 pin connector located to the inside of the frame.

Unplug this connector from the throttle bodies to gain access to the wires.

- 7 Using one of the supplied Posi-taps attach the GREY wire from the PCV to the ORANGE wire of the TPS harness (Fig. D).

- 8 Using one of the supplied Posi-taps attach the BLK/ WHT wire from the PCV to the PUR/BLK wire of the TPS harness (Fig. D).



- 9 Plug the TPS harness back onto the throttle bodies.
- 10 Route the PCV harness along the left side of the engine and go towards the battery (Fig. E).
- 11 Use the supplied zip ties to secure the PCV harness to the main wiring harness.

- 12 Route the PCV ground wire along the stock ground wire and secure to the negative side of the battery (Fig. F).
- 13 Reinstall the bodywork and fuel tank.