

# [POWER COMMANDER V]

**2007-2010 Triumph Speed Triple**

**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
- 1 O2 Optimizer

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

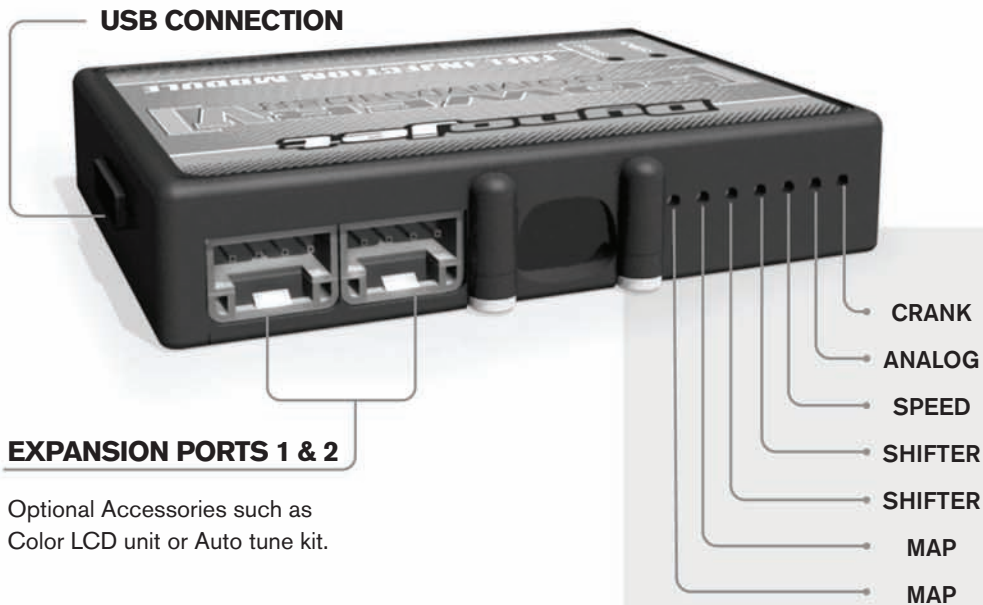
YOU CAN ALSO DOWNLOAD THE  
POWER COMMANDER SOFTWARE AND  
LATEST MAPS FROM OUR WEB SITE AT:  
[www.powercommander.com](http://www.powercommander.com)

**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)

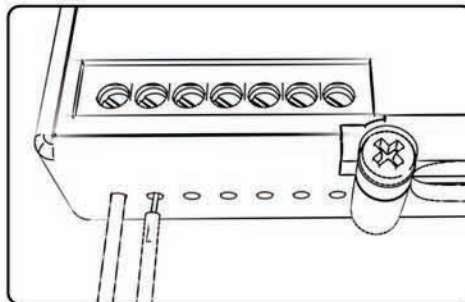
# POWER COMMANDER V INPUT ACCESSORY GUIDE



## 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-

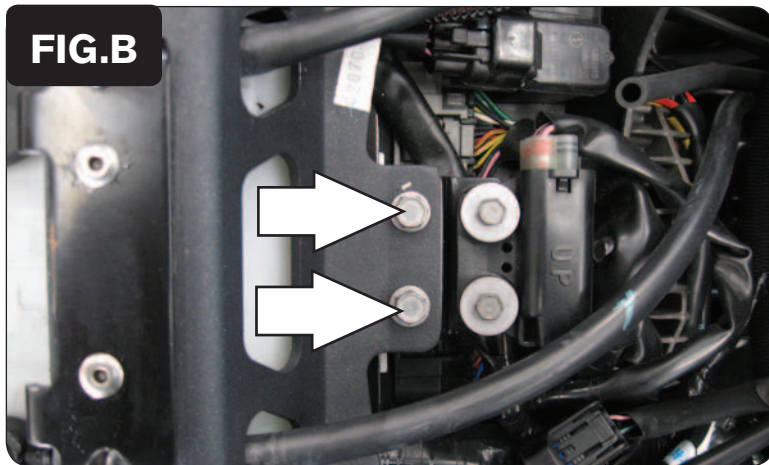
This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the control center software.

### Crank-

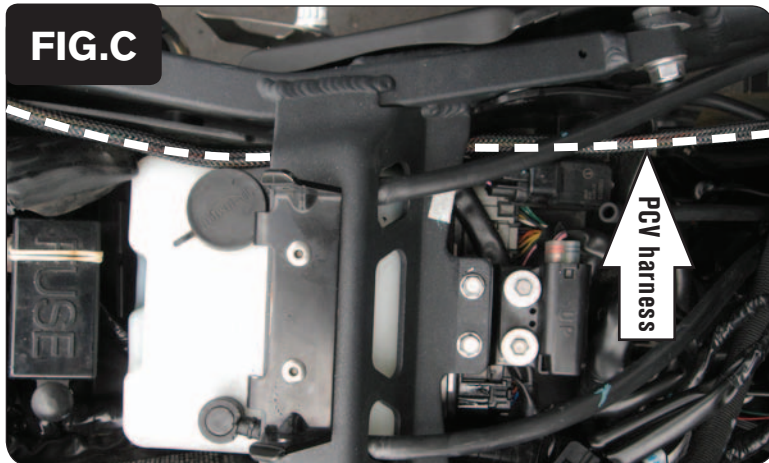
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.



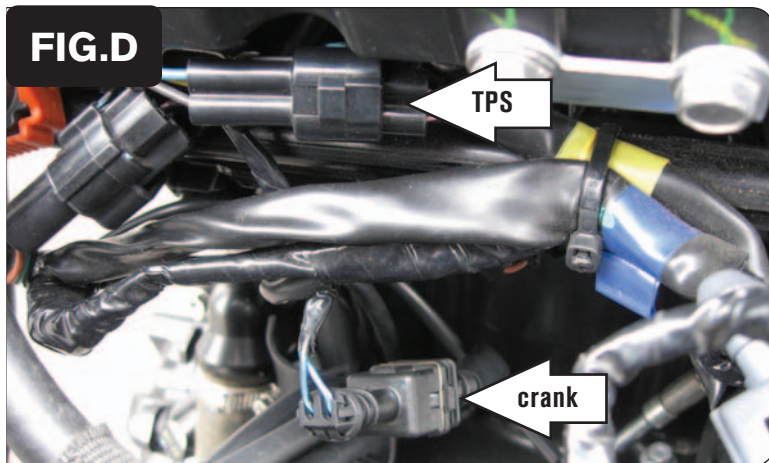
- 1 Remove the seat.
- 2 Remove the fuel tank
- 3 Secure the PCV to the rear of the battery using the supplied velcro (Fig. A). Make sure to use the alcohol swab to clean both surfaces before attaching.
- 4 Route the PCV harness down the left side of the subframe and go towards the throttle bodies.
- 5 Attach the ground wire of the PCV to the negative side of the battery (Fig A).



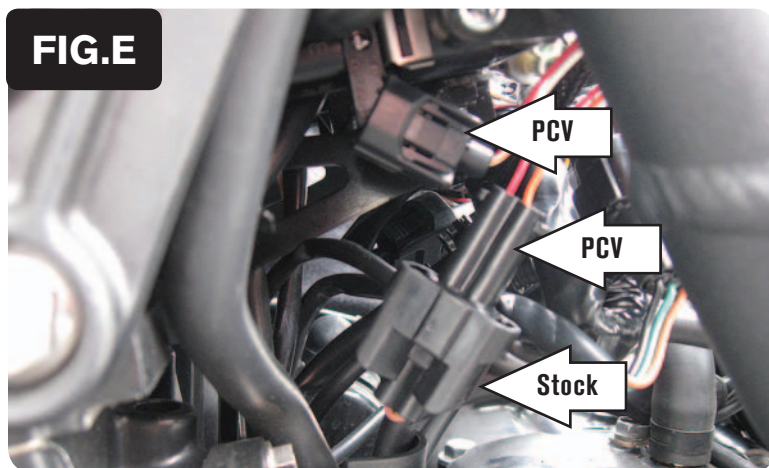
- 6 Remove the 2 bolts that hold the coolant reserve bottle to the frame (Fig. B).  
*This allows more room to route the PCV harness thru.*



- 7 Route the PCV harness between the subframe and the coolant reserve bottle (Fig. C).
- 8 Reinstall the bolts for the coolant reserve bottle.



- 9 Locate the Throttle Position Sensor connector and Crank Position Sensor connector on the back side of the airbox (Fig. D).
- 10 Unplug these sensors and plug the PCV harness in-line of the stock wiring harness.



- 11 Plug the PCV harness in-line of the stock wiring harness and each injector  
*PCV harness:*  
*ORANGE - cylinder #1 (left)*  
*YELLOW - cylinder #2*  
*GREEN - cylinder #3*  
*Figure E shows the #1 cylinder. Repeat this for the other 2 cylinders.*



- 12 Locate the stock O2 sensor connection (Fig. F).  
*This is a BLACK 4 pin connector located to the right, inside of the frame. You can follow the wires coming out the exhaust to this location.*
- 13 Unplug the stock O2 sensor connection and plug the Dynojet O2 Optimizer into the stock wiring harness.  
*The stock O2 sensor will no longer be connected to anything and can be removed from the exhaust if desired.*
- 14 Reinstall the fuel tank and seat.