

# [POWER COMMANDER V]

**2009-2012 Triumph Daytona 675**

**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 O2 Optimizer

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

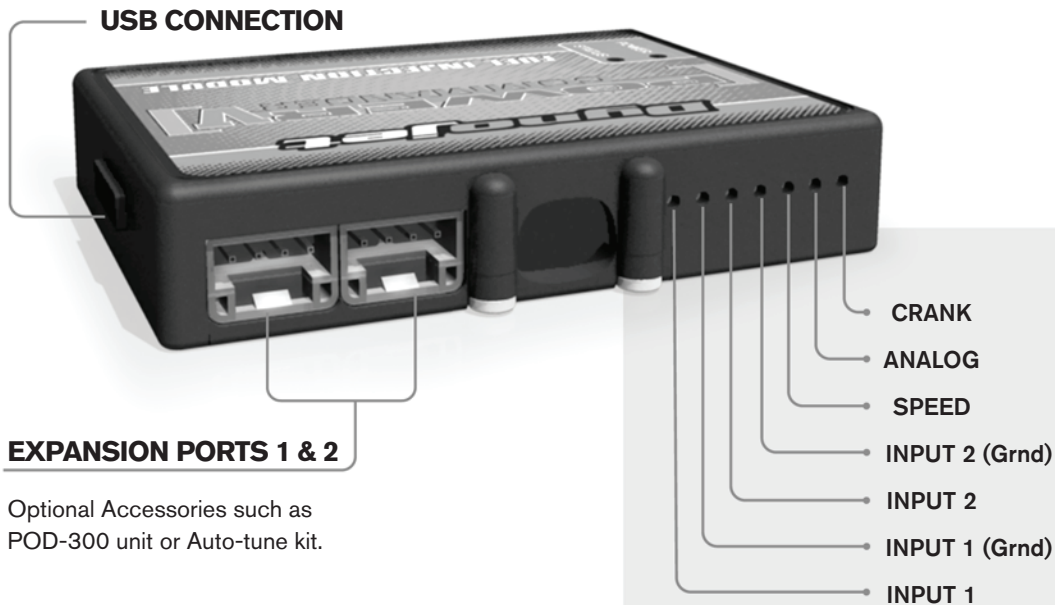
THE LATEST POWER COMMANDER SOFTWARE AND MAP FILES CAN BE DOWNLOADED FROM OUR WEB SITE AT:  
[www.powercommander.com](http://www.powercommander.com)

**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION**

**Dynojet**

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# 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 -

(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-

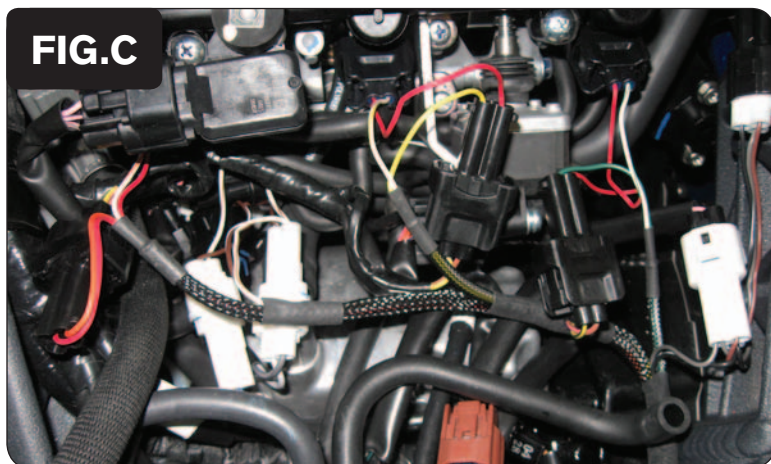
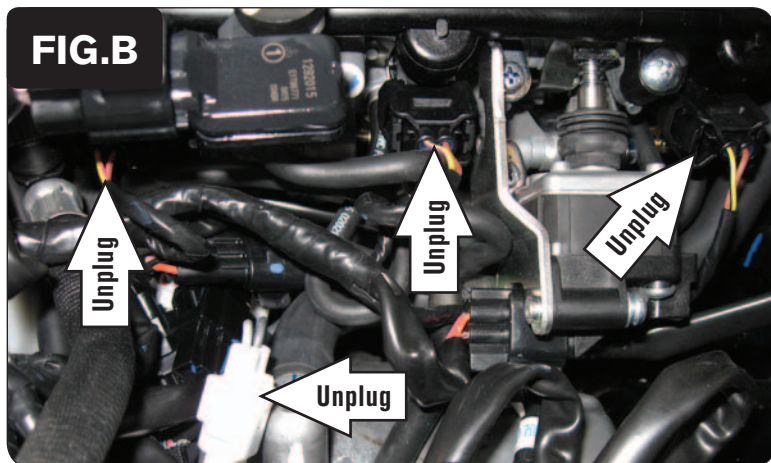
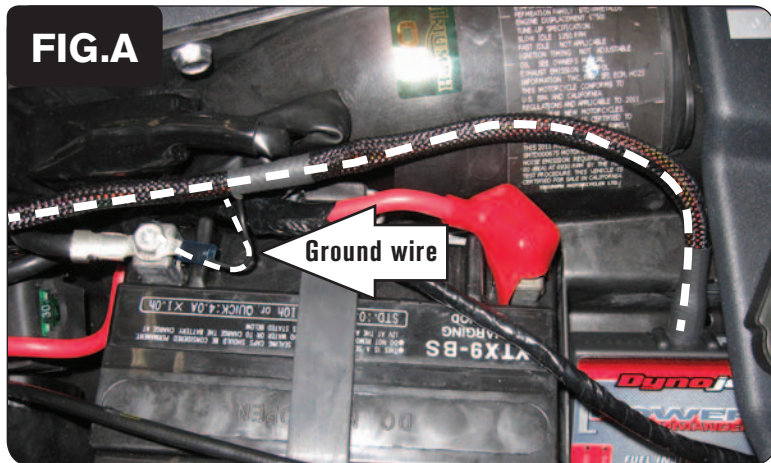
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent 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.
- 2 Remove the fuel tank.
- 3 Using the supplied Velcro, secure the PCV module next to the battery at the location shown in Figure A.  
*Clean both surfaces with the supplied alcohol swab prior to applying the Velcro.*
- 4 Route the PCV harness to the right side of the battery and go towards the throttle bodies.
- 5 Attach the ground wire of the PCV to the negative side of the battery (Fig. A).

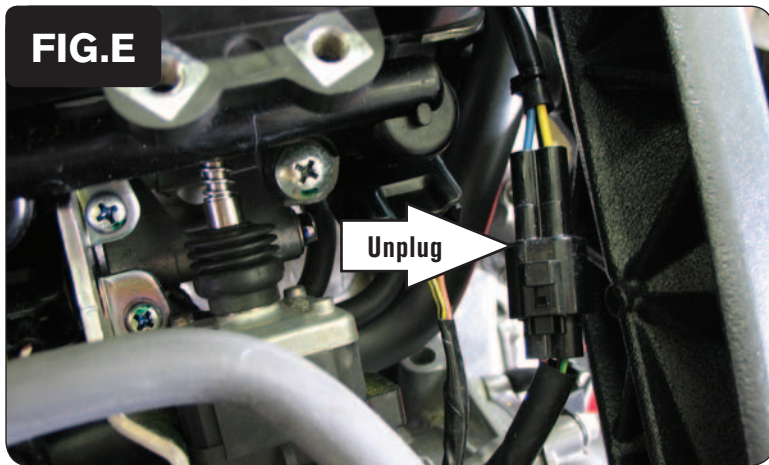
- 6 Unplug the stock wiring harness from each fuel injector (Fig. B).  
*Squeeze the sides of the connector to remove.*
- 7 Unplug the crank position sensor connector (Fig. B).  
*This is a WHITE 2-pin connector.*

- 8 Plug the PCV harness in-line of the stock wiring harness and each fuel injector (Fig. C).  
*PCV harness:*  
*ORANGE - cylinder #1 (left)*  
*YELLOW - cylinder #2*  
*GREEN - cylinder #3 (right)*





- 9 Plug the PCV harness in-line of the stock wiring harness and crank position sensor harness (Fig. D).



- 10 Locate the Throttle Position Sensor connector. Unplug this connector (Fig. E).  
*This is a BLACK 3-pin connector located to the right of the throttle bodies.*

- 11 Plug the PCV harness in-line of the stock TPS connectors (Fig. F).

- 12 Unplug the stock O2 sensor from the main wiring harness.

*This connection is behind the right hand fairing next to the radiator.*

- 13 Plug the supplied O2 Optimizer into the stock wiring harness in place of the stock O2 sensor.

*The stock O2 sensor will no longer be used. It can be removed from the exhaust if desired and if you have a way to plug the hole in the exhaust.*

#### Optional Inputs:

**Gear Position (Analog Voltage)** - BLACK/PINK wire of 3-pin BLACK connector located behind the throttle bodies of the left hand side of the bike

**Speed** - PINK wire of 3-pin BLACK vehicle speed sensor connector

**12v source for Auto-tune** - YELLOW wire of taillight connector

