

[POWER COMMANDER V]

2015-2016 Triumph Tiger 800

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

THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION!

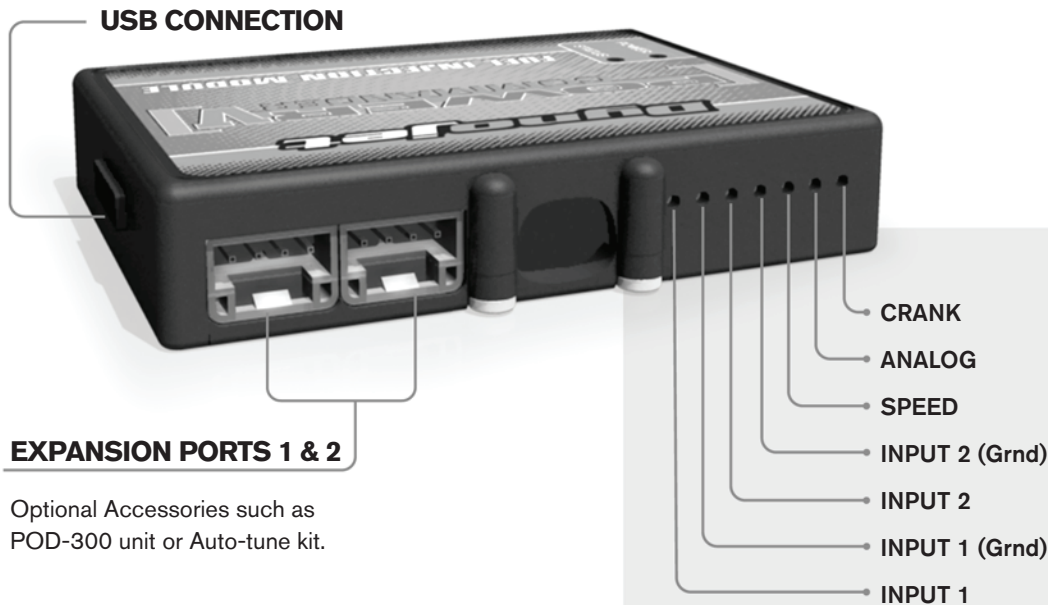
THE LATEST POWER COMMANDER SOFTWARE AND MAP FILES CAN BE DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com

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



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-

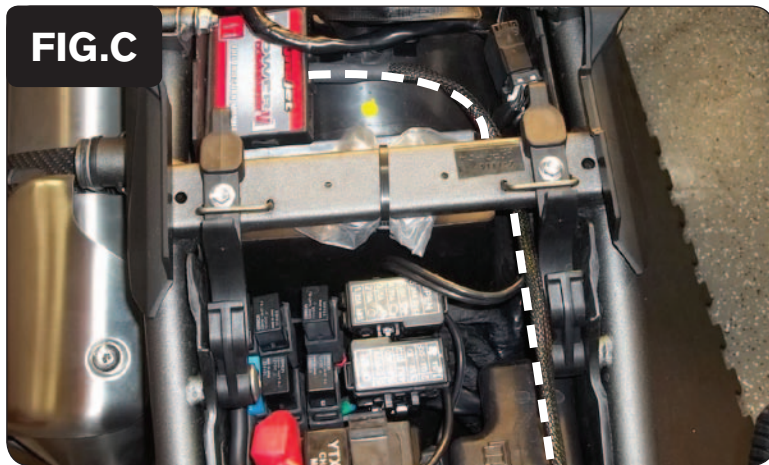
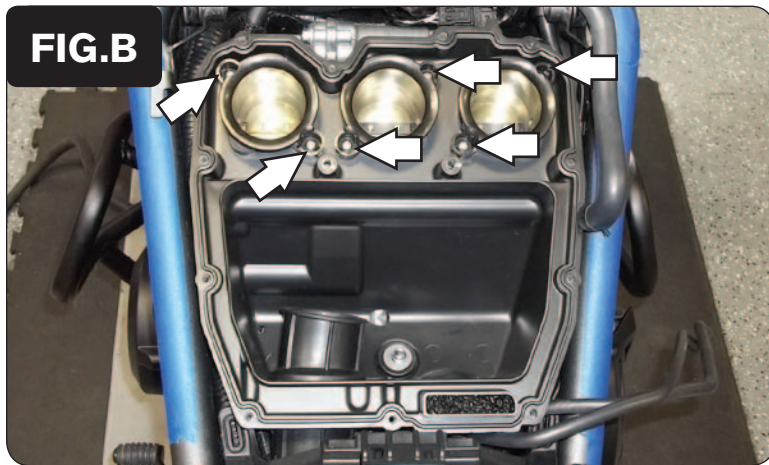
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent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

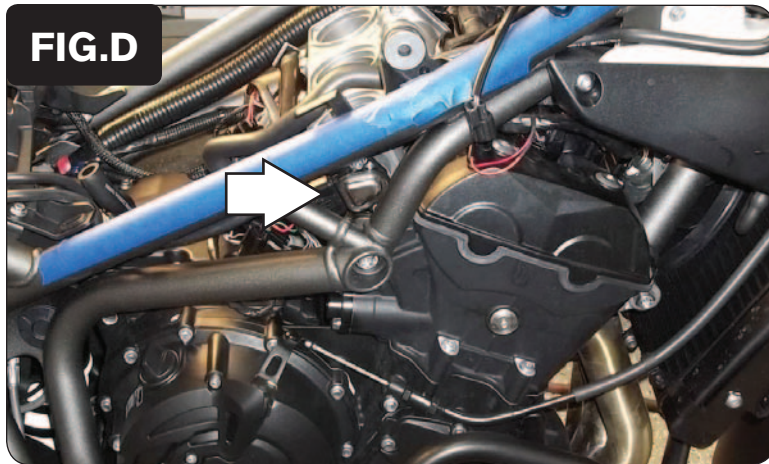


- 1 Remove the seat and fuel tank.
- 2 Remove the airbox lid (Fig. A).

- 3 Remove the airbox by removing the 6 bolts shown in Figure B.

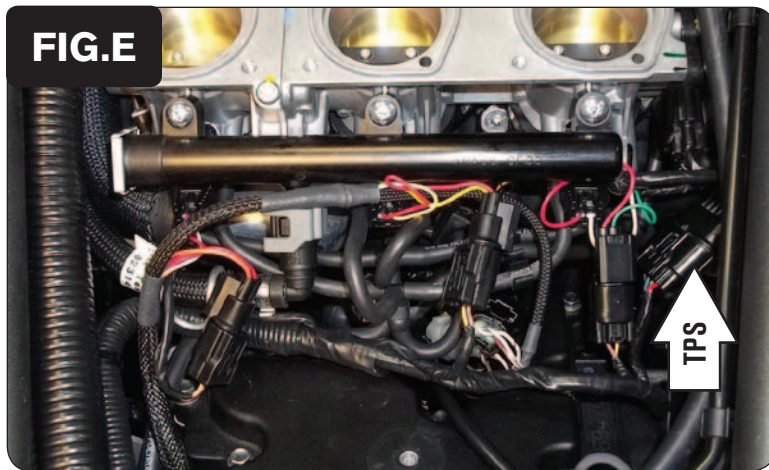
- 4 Install the PCV in the tail section using the supplied velcro (Fig. C).
Use the alcohol swab to clean the surface before attaching.

- 5 Route the PCV harness down the left side of the motorcycle and go towards the throttle bodies.



- 6 Unplug the Throttle Position Sensor connector from the throttle bodies (Fig. D).

This is the 6 pin connector on the right side of the throttle bodies



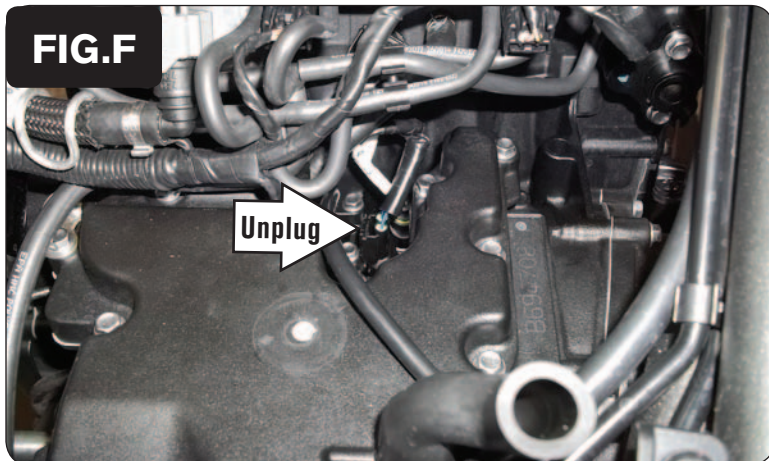
- 7 Plug the PCV harness in-line of the stock TPS and wiring harness (Fig. E).

- 8 Plug the PCV harness in-line of each injector connector (Fig. E).

PCV - Orange wires go to cylinder #1 (left)

PCV - Yellow wires got to cylinder #2

PCV - Green wires go to cylinder #3

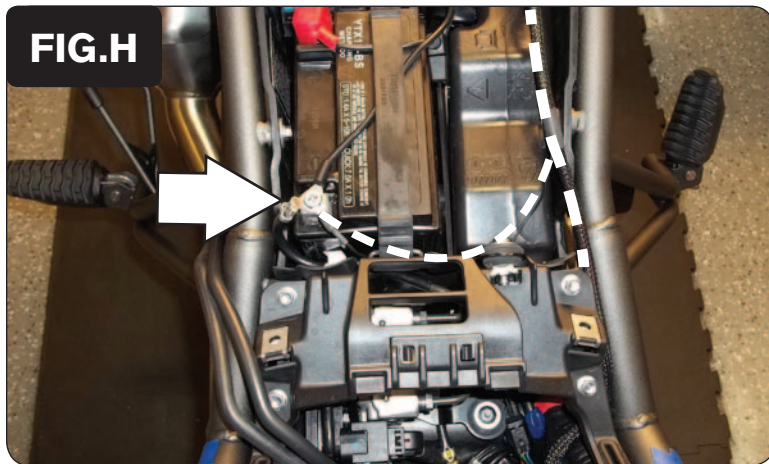


- 9 Unplug the Crank Position Sensor connector (Fig. F).

This is a BLACK, 2 pin connector on top of the engine case, behind the throttle bodies.



- 10 Plug the PCV wiring harness in-line of the CPS and the stock wiring harness (Fig. G).



- 11 Attach the ground wire of the PCV to the negative (-) side of the battery (Fig. H).
- 12 Reinstall airbox, fuel tank and bodywork.