

# POWER COMMANDER 6

Install guide for: PC6-21026

Model coverage:

2018-2019 Triumph Tiger 1200

## PARTS LIST



- |   |                    |   |                        |
|---|--------------------|---|------------------------|
| 1 | POWER COMMANDER 6  | 2 | POWER COMMANDER DECALS |
| 1 | INSTALLATION GUIDE | 2 | VELCRO STRIPS          |
| 1 | USB CABLE          | 1 | ALCOHOL SWAB           |
| 2 | DYNOJET DECALS     | 2 | POSI-TAPS              |

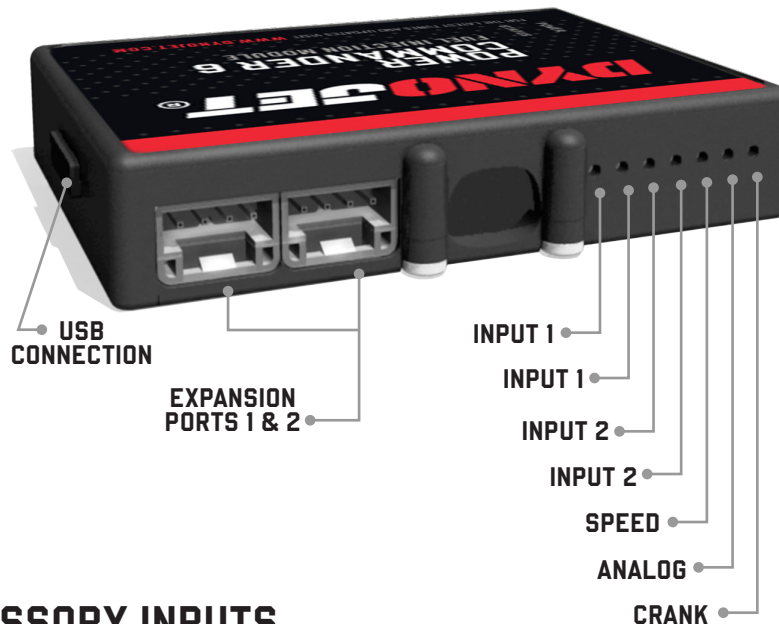
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.  
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-21026.01



# INPUT ACCESSORY GUIDE



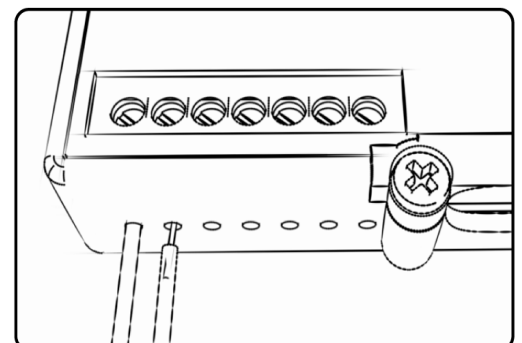
## OPTIONAL ACCESSORY INPUTS

- Map** (Input 1 or 2) The PC6 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.
- Shifter** (Input 1 or 2) Used for clutch-less full throttle upshifts. Insert the wires from the Dynojet quick shifter into either Input 1 or Input 2. The polarity of the wires is not important. Set to 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 Power Core software.
- Launch** You can connect a wire to either Input 1 or Input 2 and then the other end to a switch. This switch when engaged (continuity) will only allow the RPM to be raised to a certain limit (set in the software). When released, you will have full RPM.

## WIRE CONNECTIONS

To input wires into the PC6 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 PC6 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.

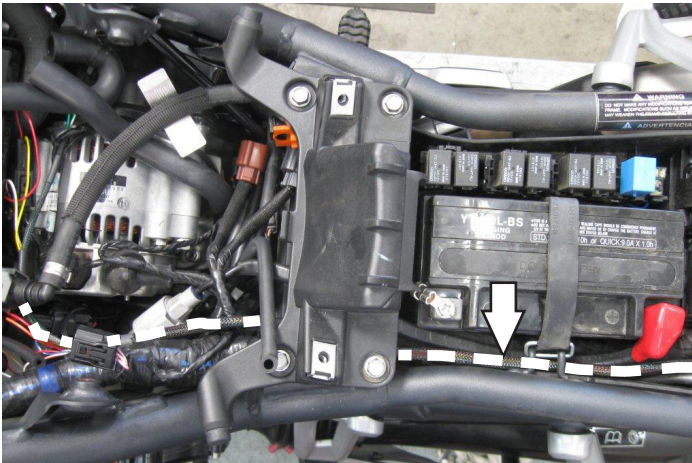


# INSTALLING POWER COMMANDER 6



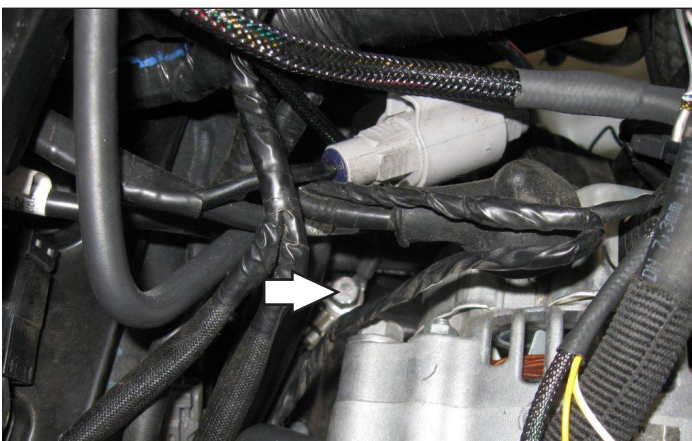
- 1 Remove the seats, the fuel tank, and the air box. The coolant reserve bottle on the left side of the engine will need to be removed (no need to disconnect coolant hoses).
- 2 Store the module in the tail section, under the seat, above the tool kit.

*The tool kit strap can be used to secure the module in the tail, or the supplied Velcro if preferred. Be sure to clean both surfaces with the supplied alcohol swab prior to applying the Velcro.*



- 3 Route the PC6 wiring harness towards the throttle bodies following inside of the left frame rail and then across the fuel injector rail from left to right.

*Route the wiring harness beneath any cross-members. They can be loosened or removed to aid in routing, if necessary.*



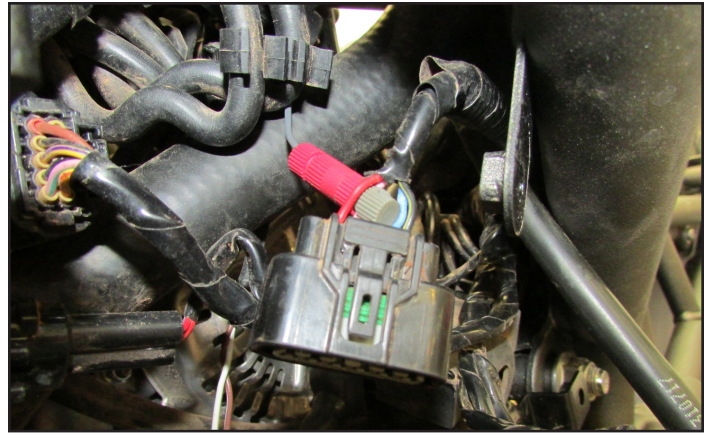
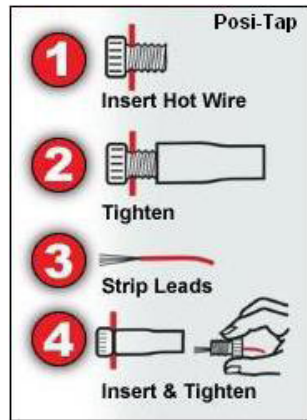
- 4 Secure the PC6 ground wire with the small ring lug to the common ground location behind the alternator.



- 5 Unplug the stock wiring harness from the bike's Throttle Position Sensor (TPS) on the left hand side of the throttle bodies.

*This is a BLACK 6-pin connector.*

- 6 Use one of the supplied posi-taps to attach the single GREY wire of the PC6 wiring harness to the stock PINK wire of the bike's TPS harness.



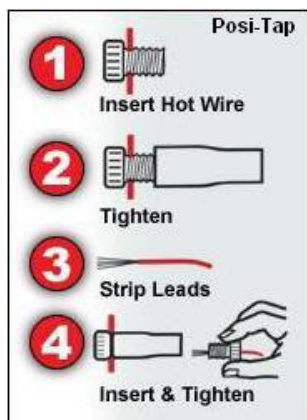
- 7 Plug the stock TPS connector back onto the TPS.



- 8 Locate the BLACK 4-pin connector for the bike's Gear Position Sensor.

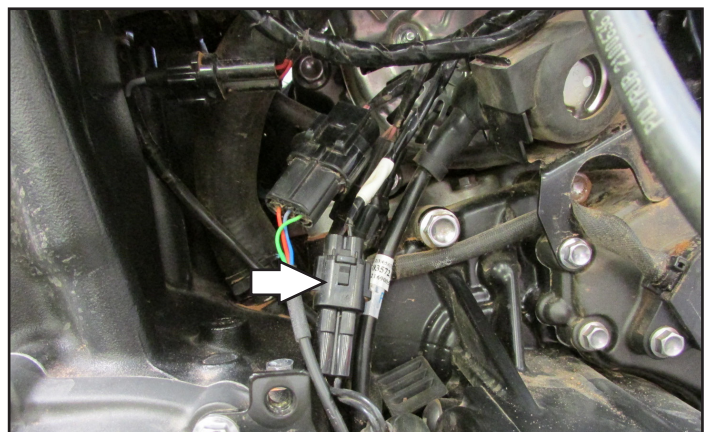
*This connector will have BLACK, BLUE, and RED wires going to it. It can be found on the left hand side of the engine behind the coolant reserve bottle.*

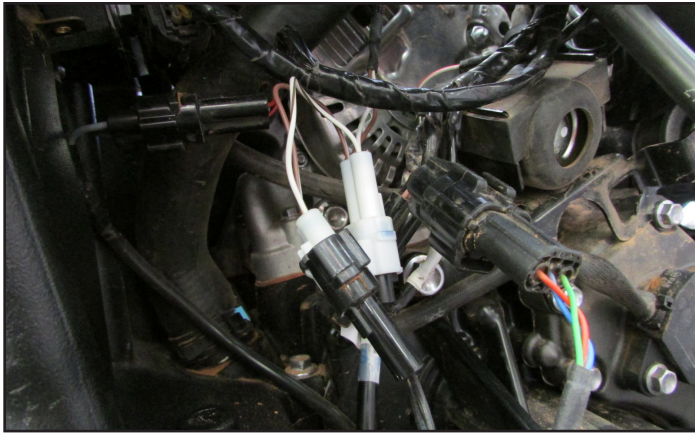
- 9 Use one of the supplied posi-taps to attach the BLUE/WHITE wire of the PC6 wiring harness to the stock BLUE wire. On the harness side this wire changes to BLK/PINK.



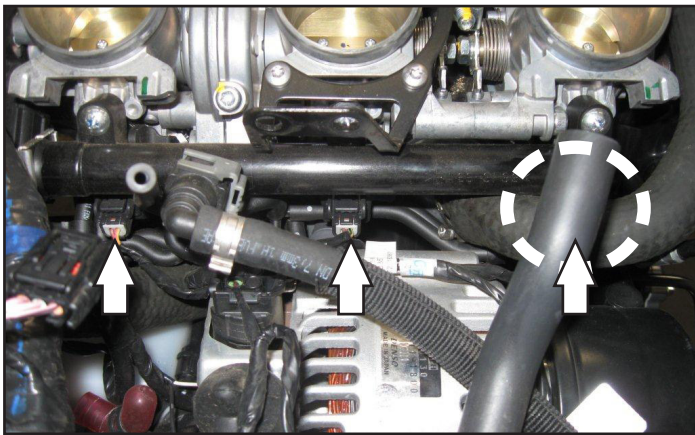
- 10 Locate and unplug the stock wiring harness connectors for the bike's Crank Position Sensor.

*This is a pair of BLACK 2-pin connectors located on the left side of the engine next to the Gear Position Sensor from step 9.*





- 11 Plug the PC6 wiring harness in-line of the stock Crank Position Sensor connectors.



- 12 Locate and unplug the stock wiring harness from each fuel injector.

- 13 Plug the PC6 wiring harness in-line of each fuel injector and the stock wiring harness.

*The pair of PC6 injector leads with ORANGE colored wires go in-line with the #1 (left-most) cylinder fuel injector.*

*The pair of PC6 injector leads with YELLOW colored wires go in-line with the #2 (middle) cylinder fuel injector.*

*The pair of PC6 injector leads with GREEN colored wires go in-line with the #3 (right-most) cylinder fuel injector.*

- 14 Reinstall coolant reserve bottle and bodywork.
- 15 Affix the supplied CARB E.O. label to a conspicuous area. The best location is next to the original emissions label. Make sure to clean the surface before attaching the label.

Download the latest map files from our web site at [dynojet.com/tunes](http://dynojet.com/tunes).



# **PUSH THE LIMIT**

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