

POWER COMMANDER 6

Install guide for: PC6-21025

Model coverage:

2018-2019 Triumph Tiger 800

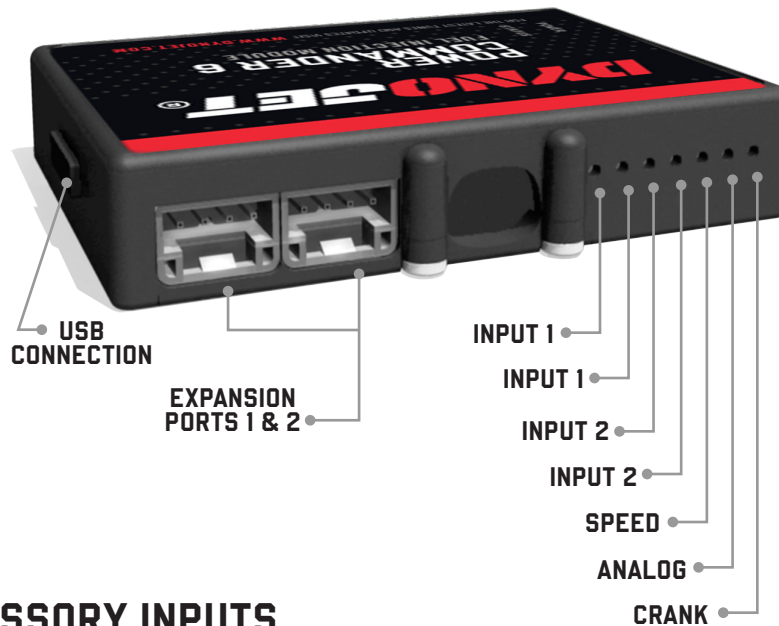
PARTS LIST

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



INPUT ACCESSORY GUIDE



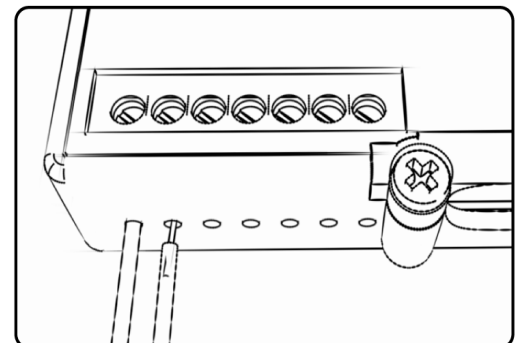
OPTIONAL ACCESSORY INPUTS

- 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.

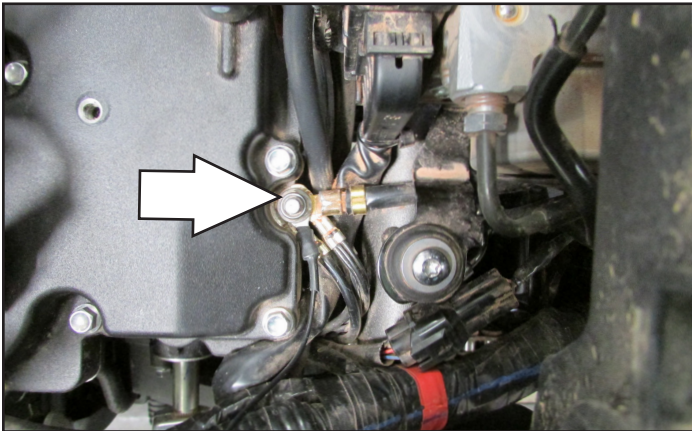


INSTALLING THE POWER COMMANDER 6



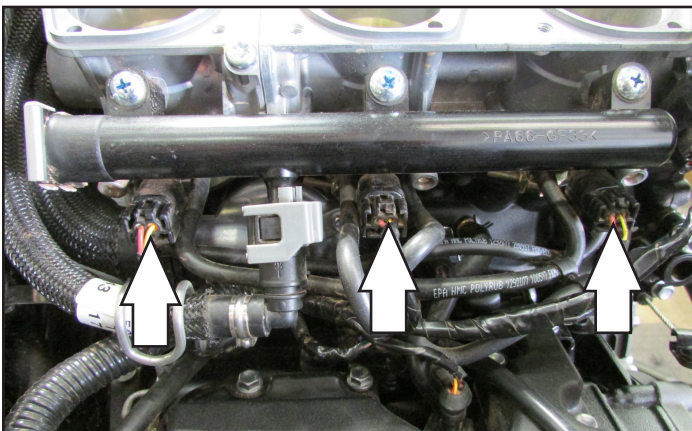
INSTALL PC6

- 1 Remove the seat.
- 2 Remove the fuel tank and air box.
- 3 Lay the PC6 in the tail section and route the harness towards the engine.



INSTALL PC6

- 4 Attach the ground wire of the PC6 with the small ring lug to common ground wire at the rear of the engine case.



UNPLUG INJECTORS

- 5 Disconnect the stock wiring harness from each fuel injector.

INSTALLING THE POWER COMMANDER 6

- 6 Unplug the stock Throttle Position Sensor connectors.

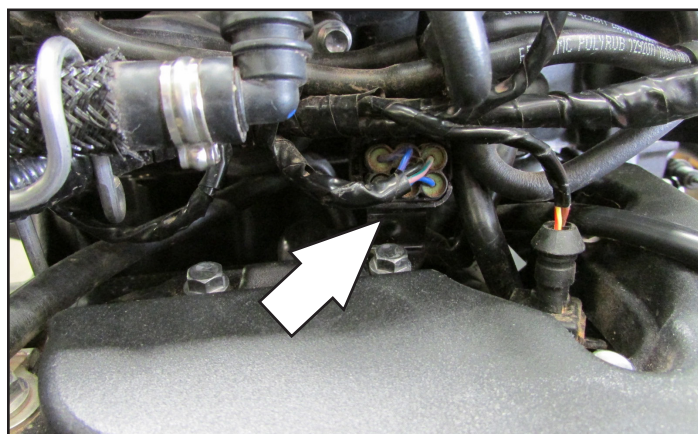
This is a BLACK 6-pin connector on the right side of the throttle bodies.



UNPLUG TPS

- 7 Unplug the stock Crank Position Sensor connector.

This is a BLACK 6-pin connector located below the #3 injector.



UNPLUG CPS

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

PC6 harness:

ORANGE - cylinder #1 (left)

YELLOW - cylinder #2

GREEN - cylinder #3 (right)

- 9 Plug the PC6 in-line of the stock Crank Position Sensor and wiring harness.
- 10 Plug the PC6 in-line of the stock Throttle Position Sensor and wiring harness.
- 11 Reinstall airbox, fuel tank and seats.
- 12 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.



CONNECT PC6 IN-LINE



PUSH THE LIMIT

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