

POWER COMMANDER 6

Install guide for: PC6-21027

Model coverage:
2018-2019 Triumph Speed Triple

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 | | |

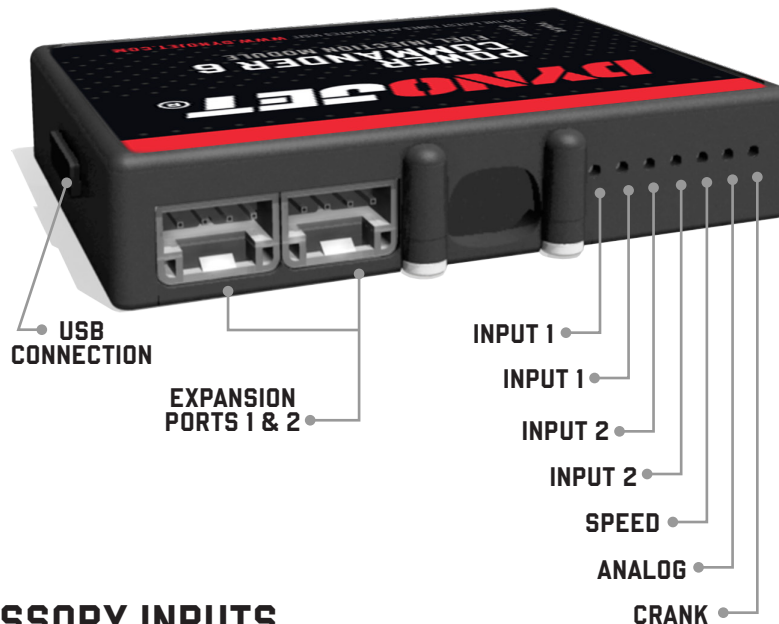
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-21027.01



INPUT ACCESSORY GUIDE



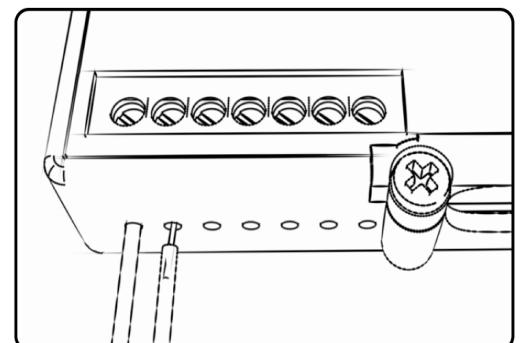
OPTIONAL ACCESSORY INPUTS

- 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.

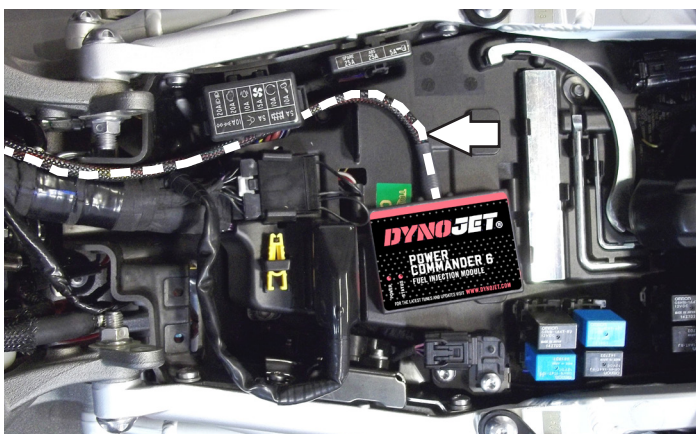
NOTE: If you tin the wires with solder it will make inserting them easier.



INSTALLING THE POWER COMMANDER 6



REMOVE BODYWORK



INSTALL PC6



UNPLUG INJECTORS

- 1 Remove the seats.
- 2 Remove the fuel tank.

- 3 Secure the PC6 module in the tail section under the seat with the supplied Velcro.

Make sure to clean the surfaces with the alcohol swab before attaching.

- 4 Route the PC6 wiring harness forward towards the engine following along the main stock wiring harness.

- 5 Unplug the stock BLACK 6-pin connector pair located just behind the air box.

- 6 Plug the PC6 wiring harness in-line of the stock wiring harness connectors.
- 7 Route the pair of 2-pin connectors from the PC6 wiring harness out to the left side of the engine. Route the pair of 6-pin connectors from the PC6 wiring harness out to the right side of the engine.



CONNECT TO INJECTORS

- 8 Secure the PC6 ground wire with the small ring lug to the common ground bolt on the top of the engine case.



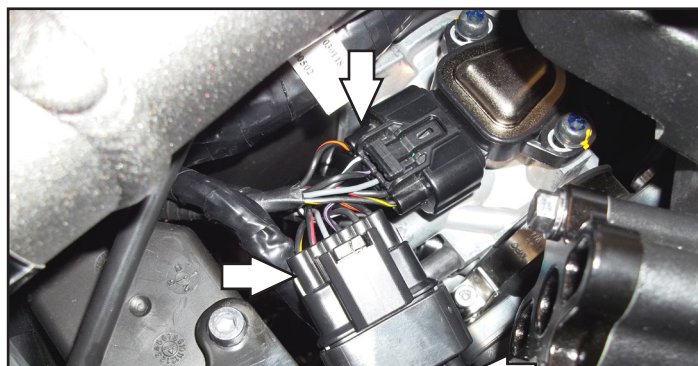
ATTACH TO GROUND

- 9 Unplug the Throttle Position Sensor (TPS).
- The TPS is located on the right side of the right most throttle body.

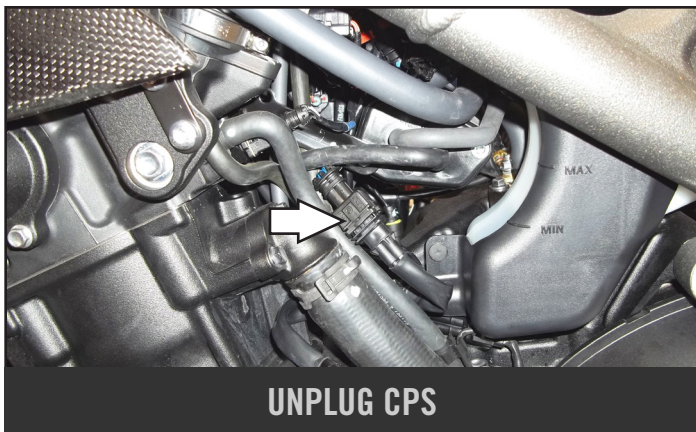


UNPLUG TPS

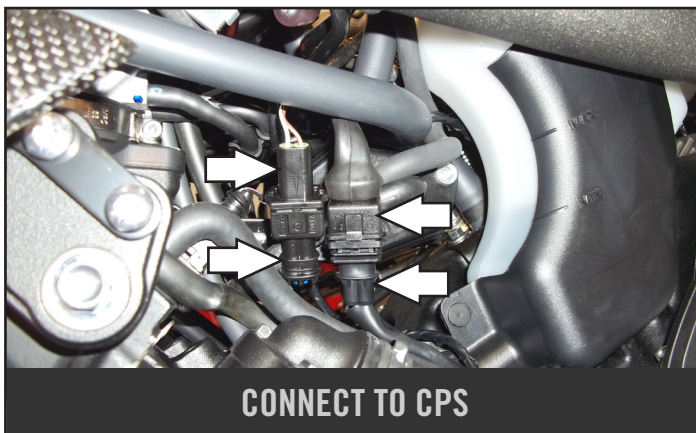
- 10 Plug the PC6 wiring harness in-line of the Throttle Position Sensor and the stock wiring harness.



CONNECT TO TPS



- 11 Unplug the stock Crank Position Sensor connectors.
These connectors are located above the left engine side cover.



- 12 Plug the PC6 wiring harness in-line of the stock Crank Position Sensor connectors.
- 13 Reinstall the fuel tank and seats.
- 14 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.



PUSH THE LIMIT

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