

POWER COMMANDER 6

Install guide for: PC6-21024

Model coverage:

2017-2020 Triumph Street Triple 765

PARTS LIST

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

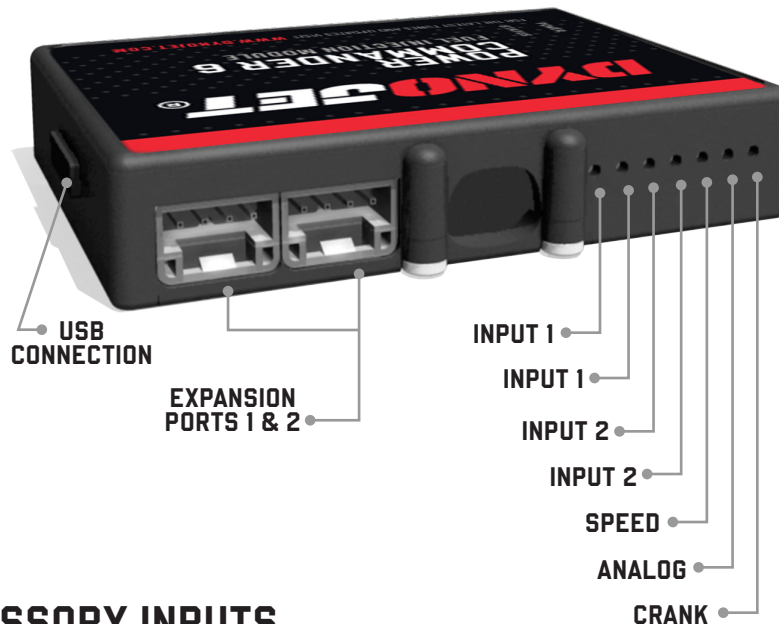
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**

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 PC6-21024.01

VELCRO
DYNOJET

INPUT ACCESSORY GUIDE



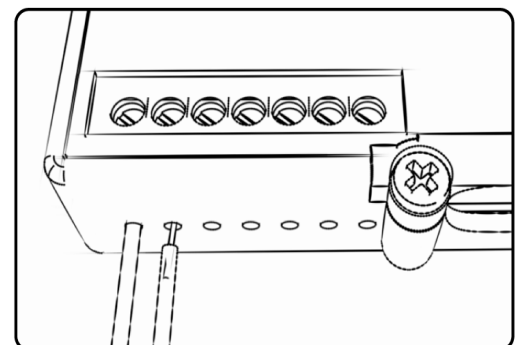
OPTIONAL ACCESSORY INPUTS

- 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.

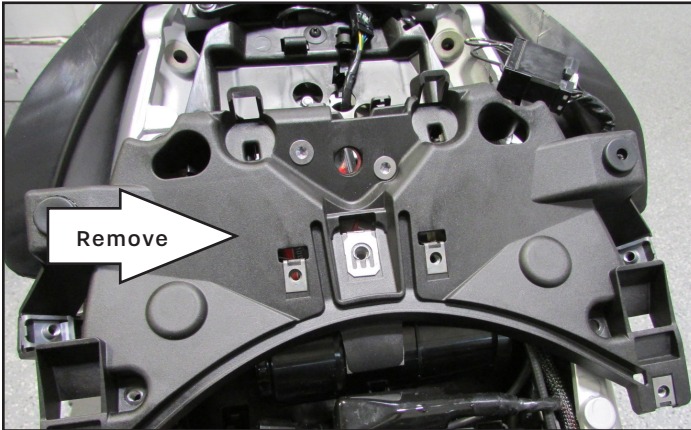
WIRE CONNECTIONS

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



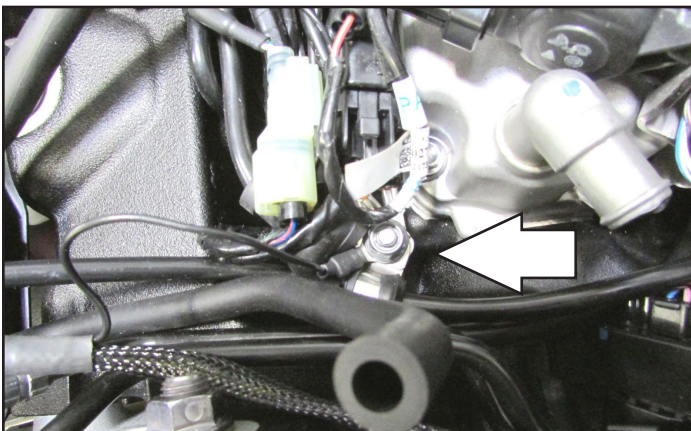
REMOVE TAIL CROSSMEMBER

- 1 Remove the seat. Remove the fuel tank. Remove the airbox.
- 2 Disassemble the body work surrounding the tail section. Remove the side panels and the cross-member bracket above the charcoal canister.



INSTALL PC6

- 3 Secure the PC6 module in the tail section rear of the charcoal canister with the supplied Velcro. Use the supplied alcohol swab to clean surfaces before attaching the Velcro.
- 4 Route the PC6 wiring harness forward towards the engine long the right side of the frame.



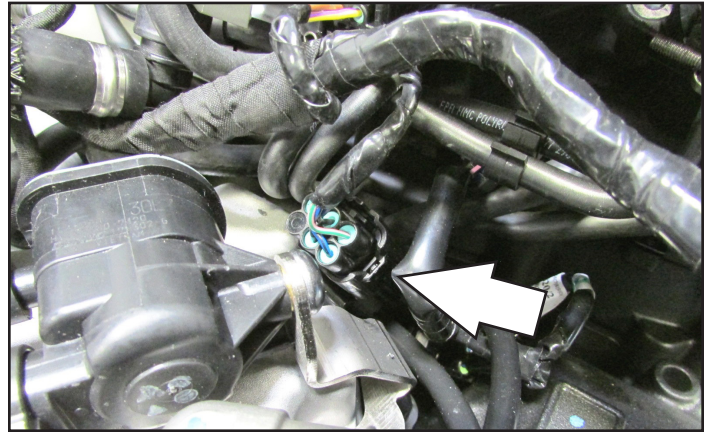
ATTACH GROUND

- 5 Attach the ground wire of the PC6 to the common ground location at the back of the engine case.

INSTALLING THE POWER COMMANDER 6

- 6 Unplug the stock Crank Position Sensor connectors.

This is a BLACK 6-pin connector pair located at the top of the engine case.



UNPLUG CPS

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



CONNECT TO TPS

- 8 Unplug all three Fuel Injectors.
9 Plug the PC6 wiring harness in-line of each Fuel Injector and the stock wiring harness.

PC6 ORANGE wires go to Cylinder #1.

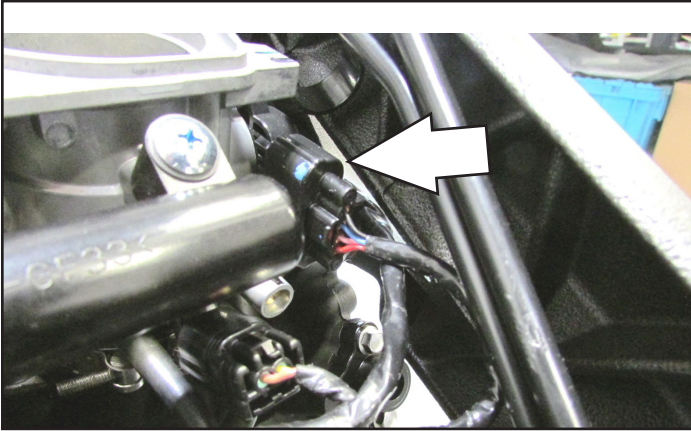
PC6 YELLOW wires go to Cylinder #2.

PC6 GREEN wires go to Cylinder #3.



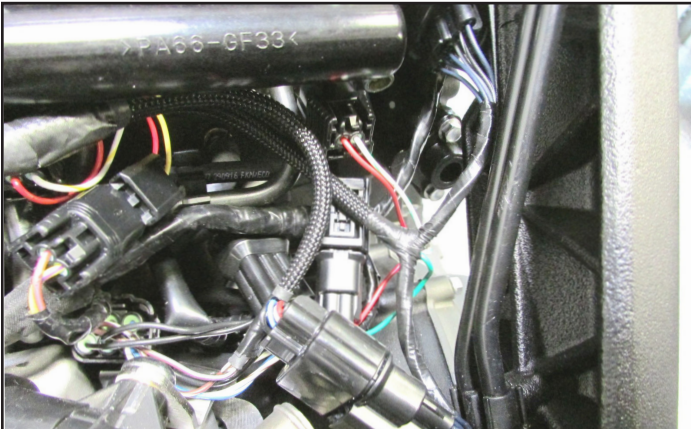
CONNECT TO INJECTORS

INSTALLING THE POWER COMMANDER 6



UNPLUG TPS

- 10 Unplug the stock wiring harness from the Throttle Position Sensor on the right hand side of the throttle bodies.



CONNECT TO TPS

- 11 Plug the PC6 wiring harness in-line of the Throttle Position Sensor and the stock wiring harness.
- 12 Reassemble the tail. Reinstall the airbox. Reinstall the fuel tank and the seat.
- 13 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.



PUSH THE LIMIT

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