

POWER COMMANDER 6

Install guide for: PC6-21028

Model coverage: 2019-2020 Triumph Speed Twin

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 | |

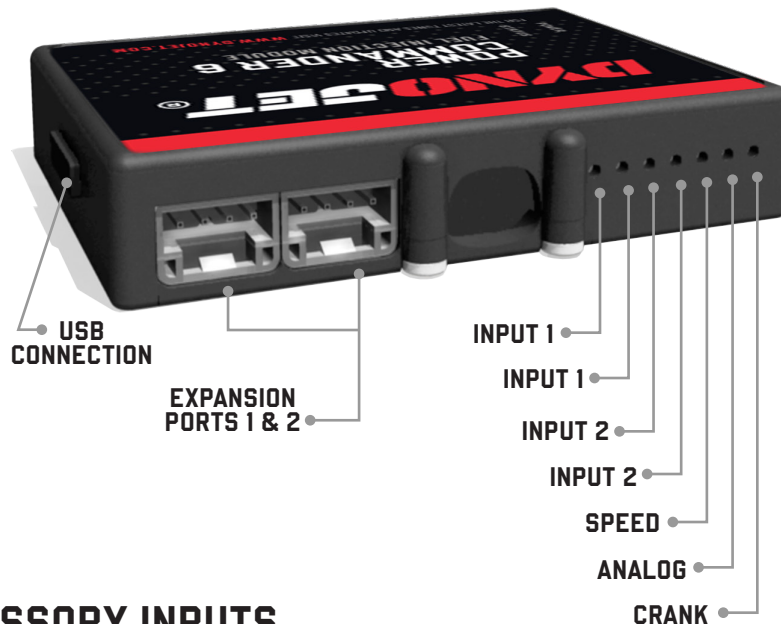
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**

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IPC6-21028.01

**TRIPLE
DYNOJET**

INPUT ACCESSORY GUIDE



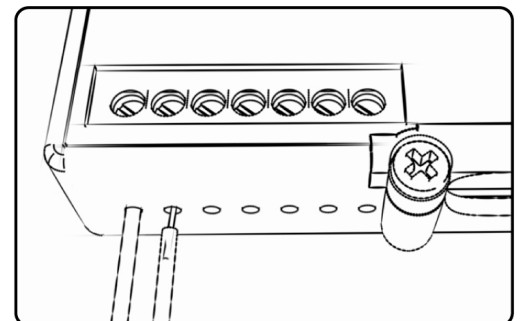
OPTIONAL ACCESSORY INPUTS

- 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.

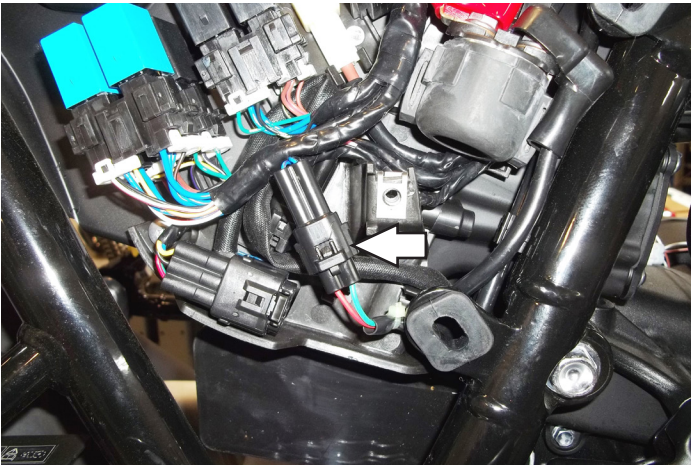
NOTE: If you tin the wires with solder it will make inserting them easier.



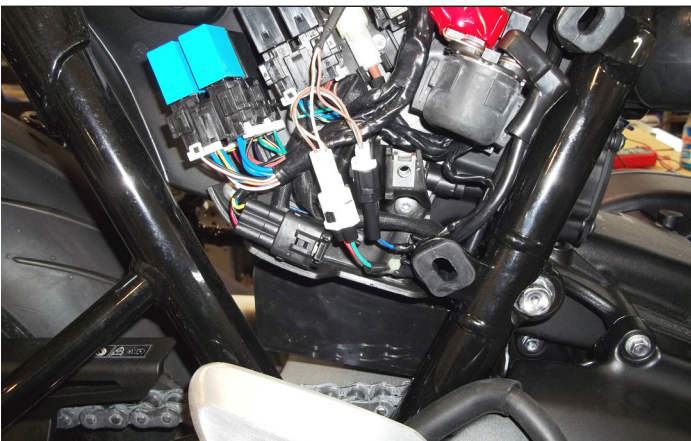
INSTALLING THE POWER COMMANDER 6



- 1 Remove the seat.
- 2 Remove the fuel tank and both side panels.
- 3 Lay the PC6 on top of the battery temporarily.
- 4 Route the PC6 wiring harness forward towards the engine along the upper left frame rail. Route the branch with the pair of WHITE, 2-pin connectors beneath the right side cover.
- 5 Attach the PC6 ground wire with the small ring terminal to the negative (-) terminal of the bike's battery.

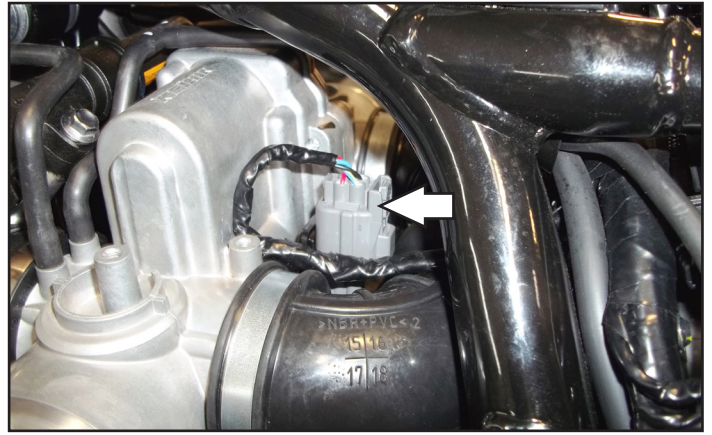


- 6 Locate the stock Crank Position Sensor connectors on the right hand side of the bike beneath the right side cover and unplug them.

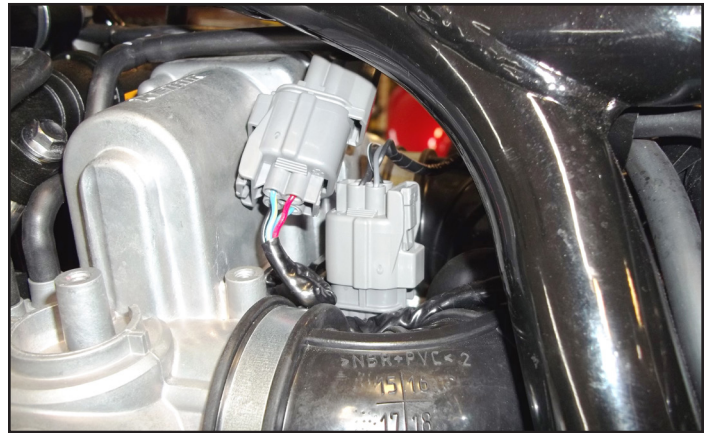


- 7 Plug the PC6 wiring harness in-line of the stock CPS connectors.

- 8 Unplug the stock Throttle Position Sensor connector located on the left side of the throttle bodies.



- 9 Plug the PC6 wiring harness in-line of the TPS and the stock wiring harness.

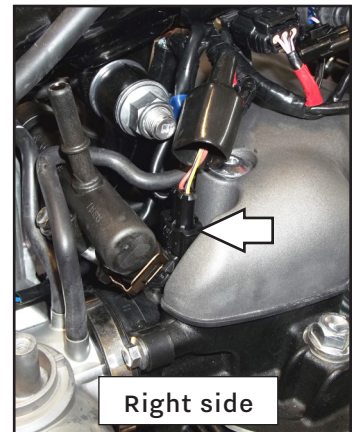


- 10 Unplug the stock wiring harness from both Fuel Injectors.

These connections are under a rubber boot.



Left side

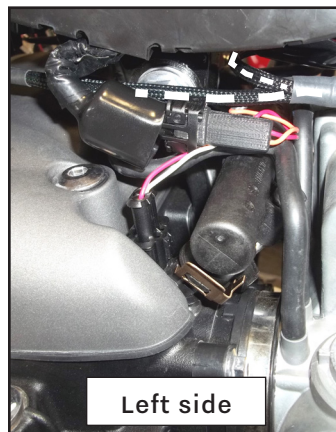


Right side

- 11 Plug the PC6 wiring harness in-line of both Fuel Injectors and the stock wiring harness.

Connect the PC6 leads with ORANGE colored wires to the left injector.

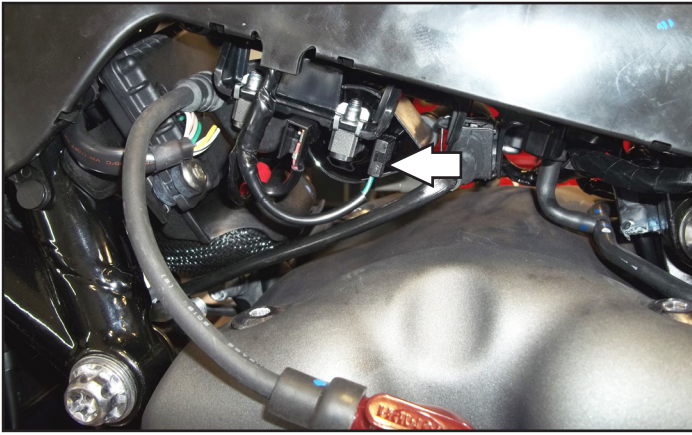
Connect the PC6 leads with YELLOW colored wires to the right injector.



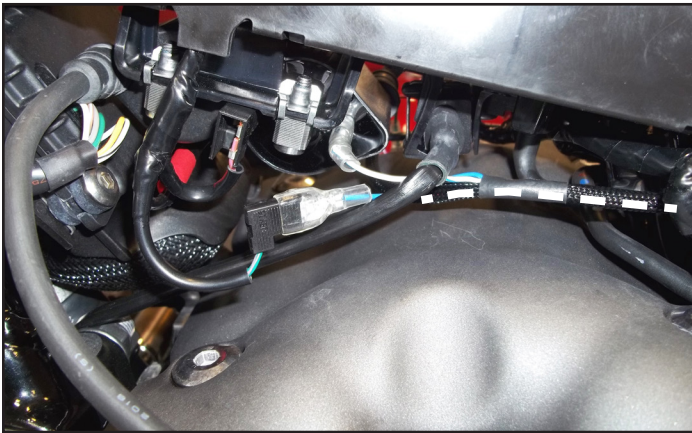
Left side



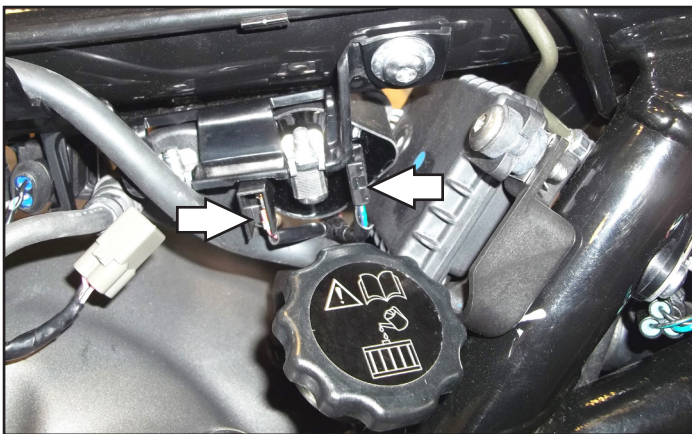
Right side



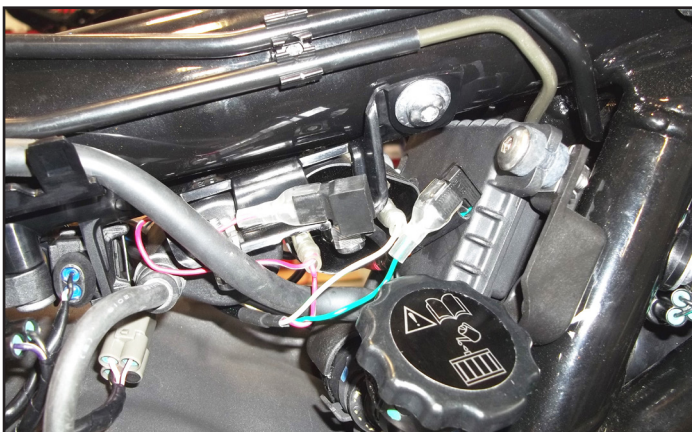
- 12 Unplug the GREEN/PINK signal wire from the right cylinder Ignition Coil.



- 13 Plug the BLUE and WHITE/BLUE PC6 wires in-line of the right cylinder Ignition Coil and the stock signal wire.



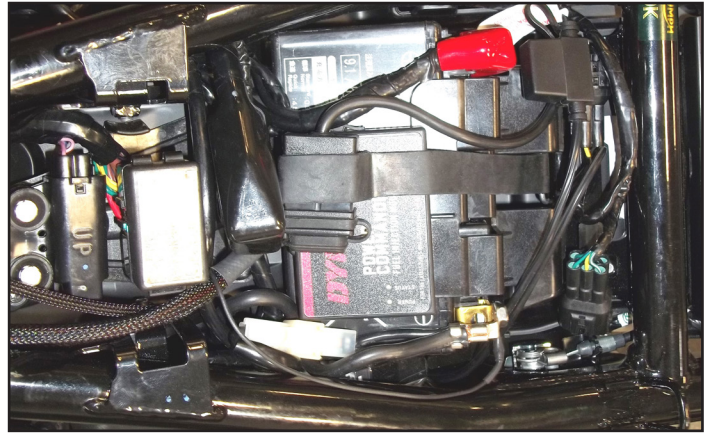
- 14 Unplug the BROWN/PINK positive (+) wire from the left cylinder Ignition Coil. Also unplug the GREEN/PURPLE signal wire from the this coil.



- 15 Plug the pair of RED/WHITE PC6 wires in-line of the stock BROWN/PINK wire and the left cylinder Ignition Coil.
- 16 Plug the pair of GREEN and WHITE/GREEN PC6 wires in-line of the stock GREEN/PURPLE wire and the left cylinder Ignition Coil.

- 17 Secure the PC6 on top of the battery using the stock rubber hold down strap.
- 18 Reinstall the fuel tank, bodywork, and seats.
- 19 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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