

POWER COMMANDER 6

Install guide for PC6-21033

Model coverage:

2021-2022 Triumph Speed Triple 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 | | |

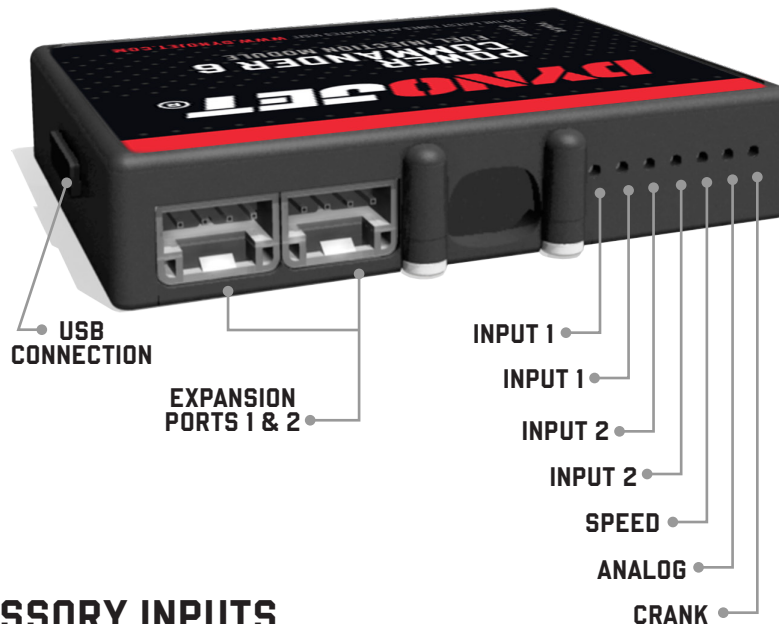
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-21033.01



INPUT ACCESSORY GUIDE



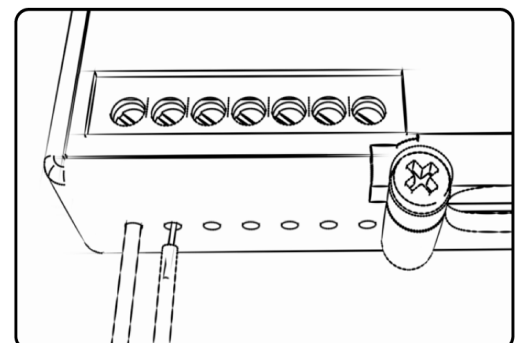
OPTIONAL ACCESSORY INPUTS

- 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.

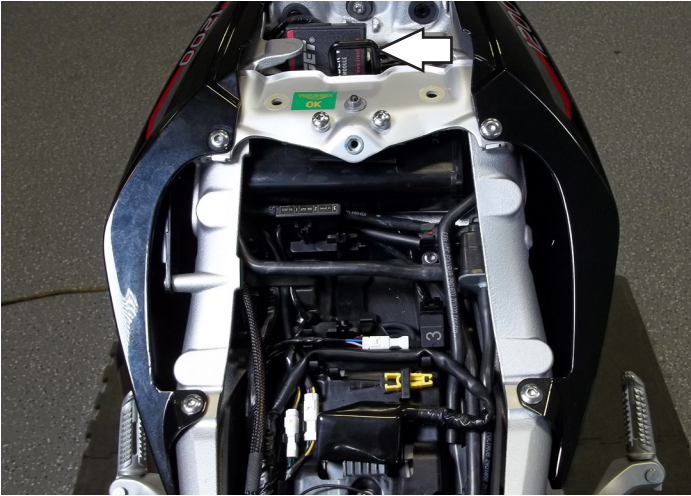
WIRE CONNECTIONS

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.

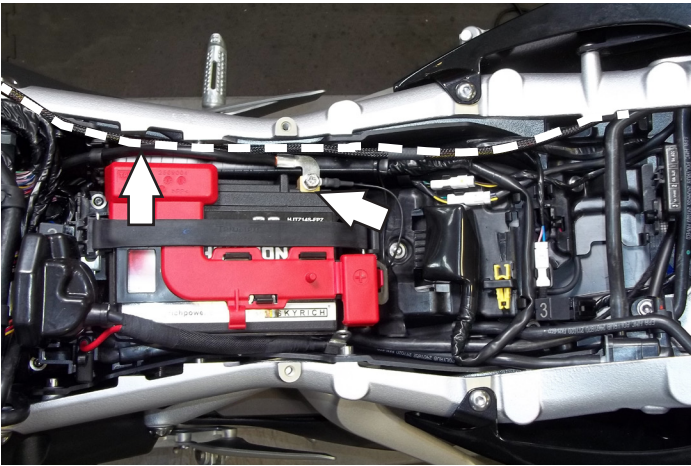
NOTE: If you tin the wires with solder it will make inserting them easier.



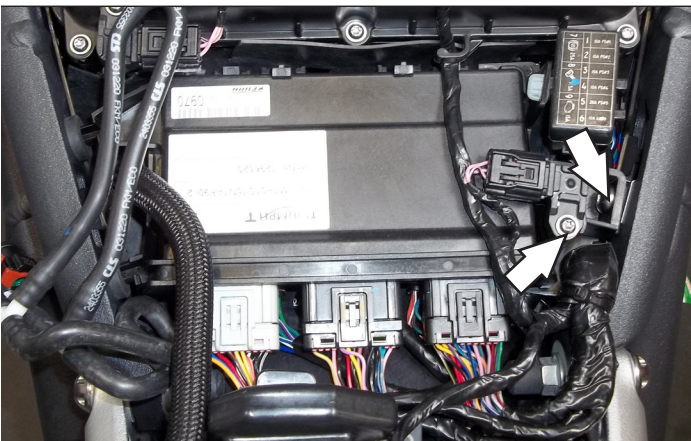
INSTALLING THE POWER COMMANDER 6



- 1 Remove the seat and fuel tank.
- 2 Lay the PC6 in the tail section and route the harness down the right side of the motorcycle going towards the throttle bodies.

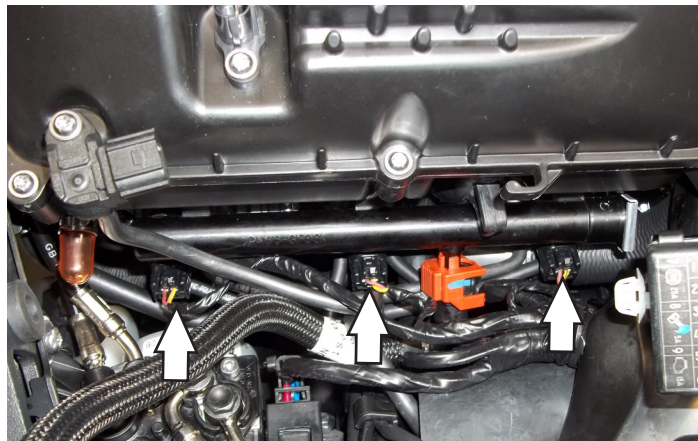


- 3 Attach the ground wire of the PC6 to the negative (-) side of the battery.



- 4 Remove the bolt that holds the MAP sensor in place.
- 5 Remove the bolt on the right side of the frame that holds the ECU in place and move the ECU out of the way. This allows access to the fuel injectors.

- 6 Unplug the stock wiring harness from each injector.



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

PC6 harness:

GREEN wires - cylinder #1 (left)

YELLOW wires - cylinder #2

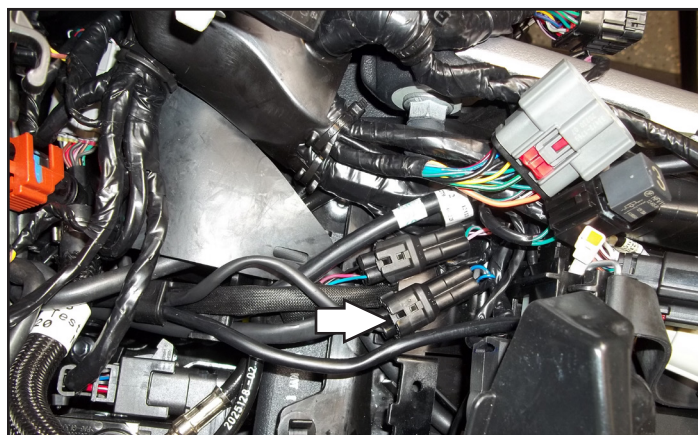
ORANGE wires - cylinder #3 (right)

Note: If you were to do individual cylinder mapping this would be opposite the software tables.



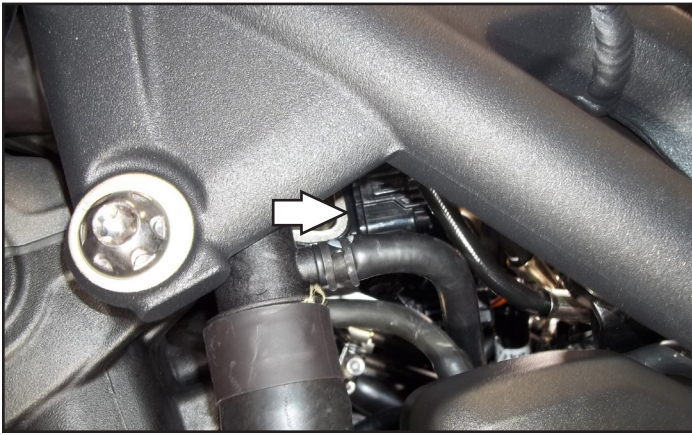
- 8 Unplug the Crank Position Sensor connector.

This is a BLACK, 2 pin connector on top of the engine case, underneath where the ECU is located.



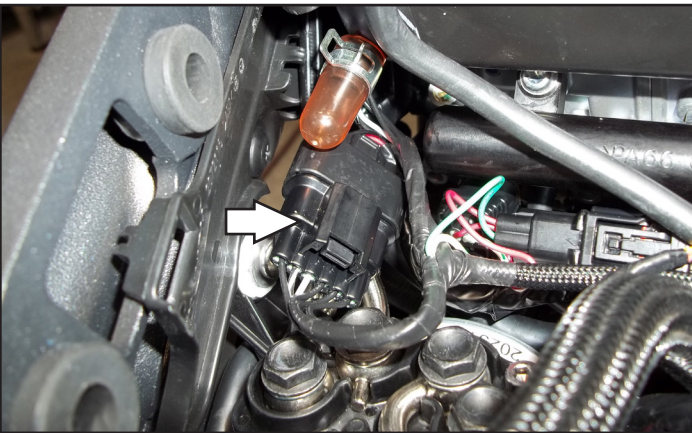
- 9 Plug the PC6 wiring harness in-line of the Crank Position Sensor and the stock wiring harness.





- 10 Unplug the Throttle Position Sensor connector.

This is a BLACK 6 pin connector located on the left side of the throttle body.



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

- 12 Reinstall the fuel tank and bodywork.

Download the latest map files from our web site at dynojet.com/tunes.



PUSH THE LIMIT

2191 MENDENHALL DRIVE, NORTH LAS VEGAS, NV 89081 - 800-992-4993 - DYNOJET.COM
© 2015-2020 DYNOJET RESEARCH ALL RIGHTS RESERVED