

POWER COMMANDER 6

Install Guide for PC6-21034

Model coverage:

2021-2022 Triumph Tiger 850 Sport

PARTS LIST

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| 1 | USB CABLE | 1 | ALCOHOL SWAB |
| 2 | DYNOJET DECALS | | |

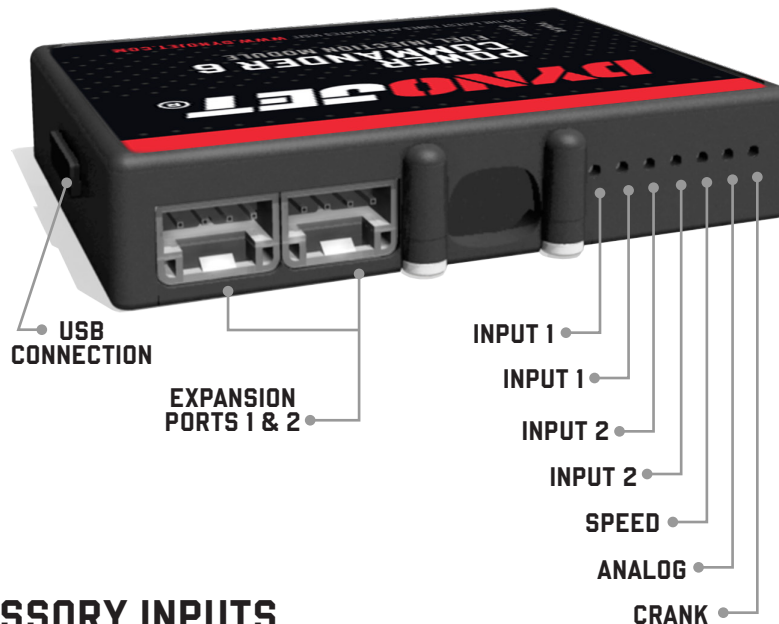
PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.

THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.

**NOT FOR SALE IN CALIFORNIA OR FOR USE
ON EMISSION COMPLIANT VEHICLES**



INPUT ACCESSORY GUIDE



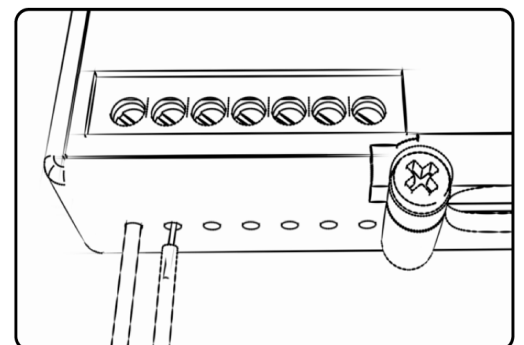
OPTIONAL ACCESSORY INPUTS

- 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

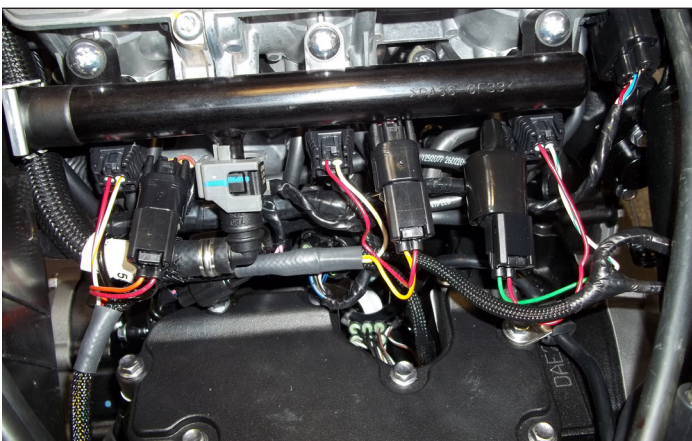


- 1 Remove the seat.
- 2 Remove the side fairings around the fuel tank.
- 3 Remove fuel tank.
- 4 Remove the airbox by removing all the screws for the air filter access and around the perimeter of the airbox.



- 5 Lay the PC6 in the tail section and route the harness down the left side of the frame going towards the throttle bodies.
- 6 Unplug the stock wiring harness from each injector.
- 7 Unplug the stock wiring harness from the Crank Position Sensor.

This connector is a BLACK 6 pin connector



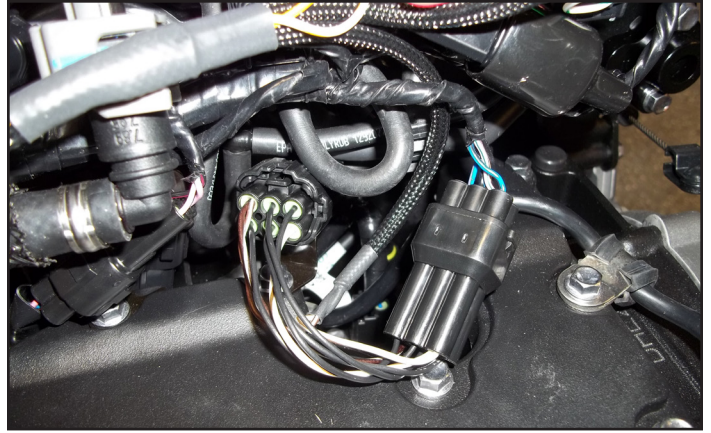
- 8 Plug the PC6 in-line of the stock harness and injectors.

PC6 ORANGE wires go to cylinder #1 (left)

PC6 YELLOW wires go to cylinder #2

PC6 GREEN wires go to cylinder #3 (right)

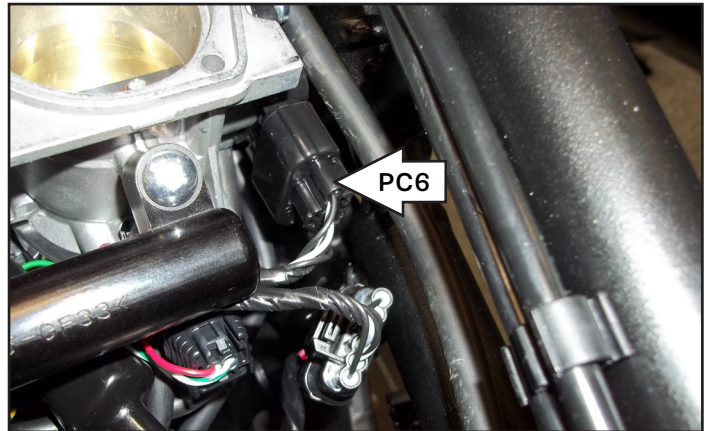
- 9 Plug the PC6 in-line of the stock wiring harness and CPS.



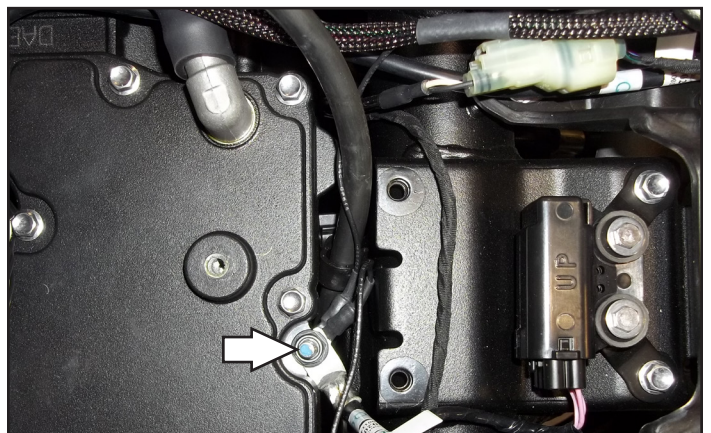
- 10 Unplug the stock wiring harness from the Throttle Position Sensor.

This connector is located on the right side of the throttle bodies.

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



- 12 Attach the ground wire of the PC6 to the stock negative wire at the back of the engine case.



- 13 Secure the PC6 in the tail section using the supplied velcro. Make sure to clean the surface with the alcohol swab before attaching.

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





PUSH THE LIMIT

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