

POWER COMMANDER 6

Installation Guide for: PC6-17078

Model Coverage: 2019-2022 Kawasaki Z400

POWER COMMANDER 6

PARTS LIST

×

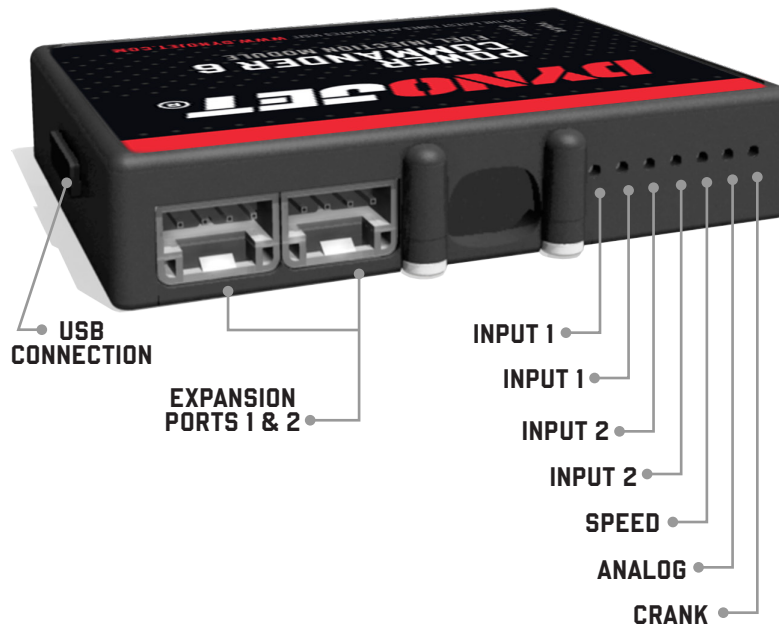
- | | |
|----------------------|--------------------------|
| 1 POWER COMMANDER 6 | 2 POWER COMMANDER DECALS |
| 1 INSTALLATION GUIDE | 2 VELCRO STRIPS |
| 1 USB CABLE | 1 ALCOHOL SWAB |
| 2 DYNOJET DECALS | |

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

×

IPC6-17078.01

INPUT ACCESSORY GUIDE



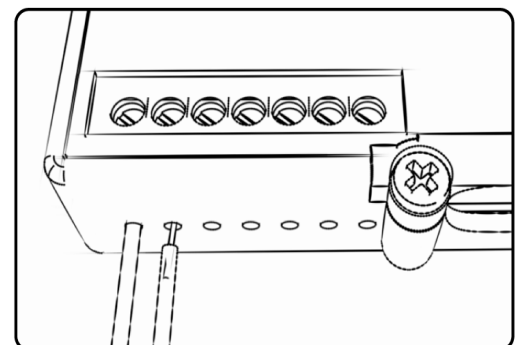
OPTIONAL ACCESSORY INPUTS

- 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 quick shifter.
- 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.

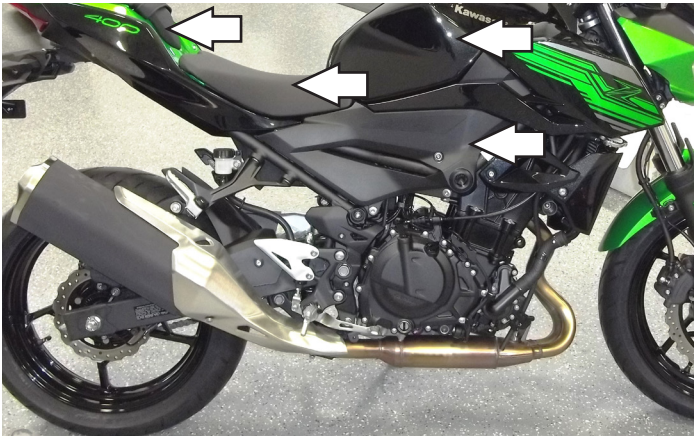
WIRE CONNECTIONS

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

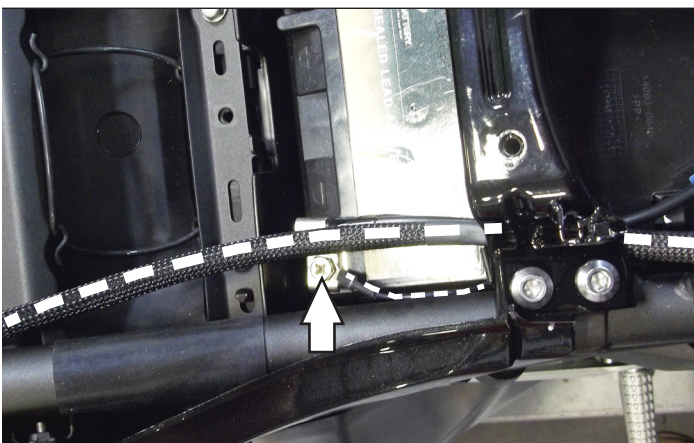


- 1 Remove both seats and the plastic side covers around the fuel tank and air box.
- 2 Remove the fuel tank.
- 3 Remove the air box.



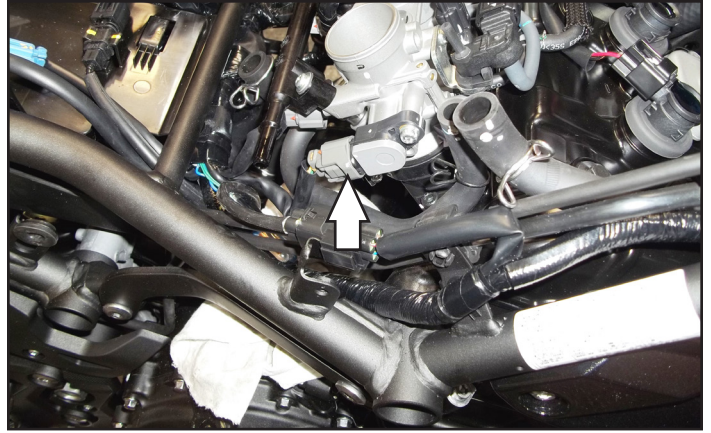
- 4 Secure the PC6 module in the tail section beneath the passenger seat.

Use the supplied Velcro to secure the module. Clean surfaces with the alcohol swab before attaching the Velcro.



- 5 Route the PC6 wiring harness forward towards the engine along the right side frame rail of the tail section. Route it beneath any frame crossover rails.
- 6 Secure the PC6 ground wire with the small ring terminal to the negative (-) terminal of the bike's battery.

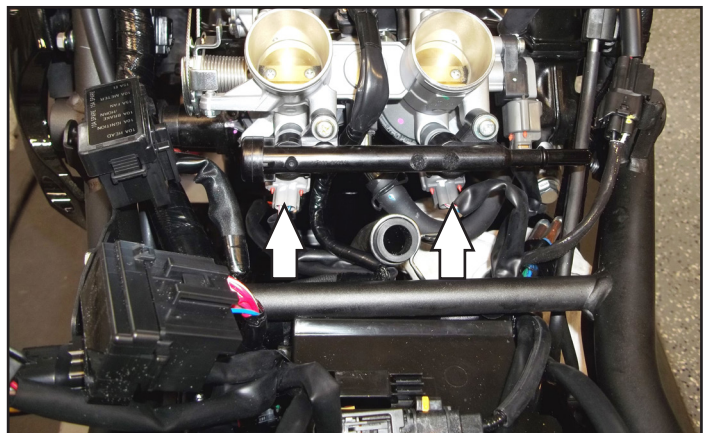
- 7 Unplug the Throttle Position Sensor at the right side of the throttle bodies.



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



- 9 Unplug both Fuel Injectors.



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

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

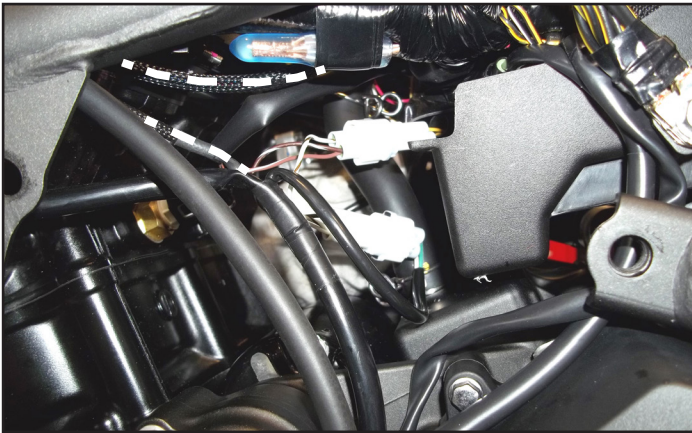
Connect the pair of PC6 leads with YELLOW colored wires to the right cylinder injector.



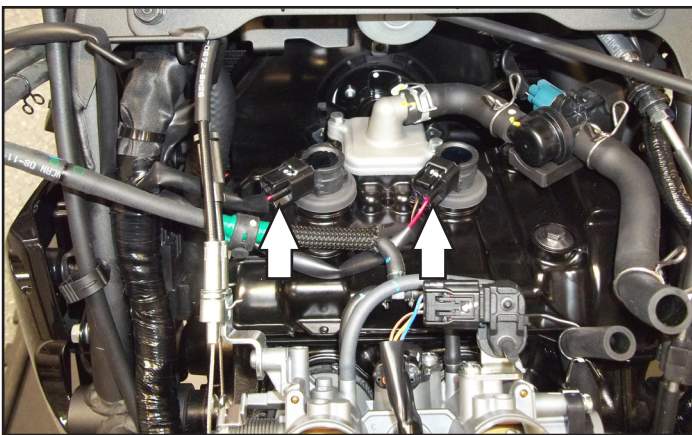


- 11 Locate and unplug the stock Crank Position Sensor connectors.

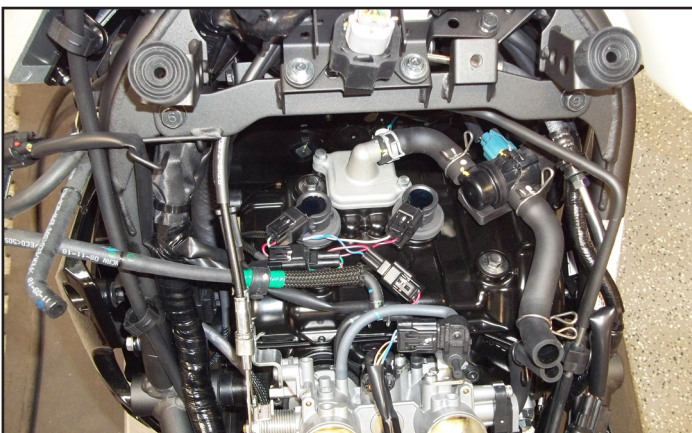
This is a WHITE 2-pin connector pair located just rear of the engine on the right side of the bike.



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



- 13 Unplug the stock wiring harness from both Ignition Coil sticks.



- 14 Plug the PC6 wiring harness in-line of both Ignition Coils and the stock wiring harness (Fig. L).

Connect the pair of PC6 leads with GREEN colored wires to the left cylinder coil.

Connect the pair of PC6 leads with BLUE colored wires to the right cylinder coil.

- 15 Reinstall the air box, the fuel tank, the bodywork, and seats.

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

© 2019-2022 DYNOJET RESEARCH ALL RIGHTS RESERVED