

POWER COMMANDER 6

Install guide for: PC6-17066

Model coverage:

2015-2022 Kawasaki Concours ZG1400

PARTS LIST

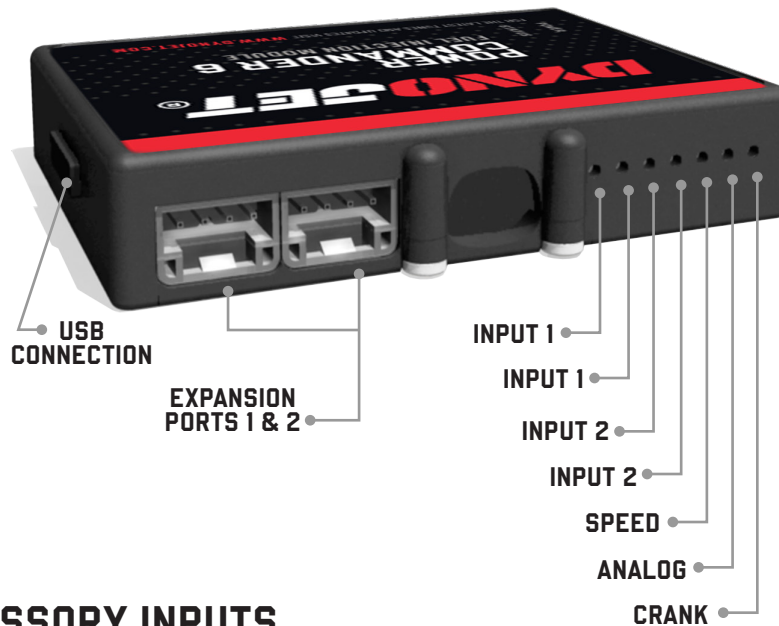


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|---|--------------------|---|------------------------|
| 1 | POWER COMMANDER 6 | 2 | POWER COMMANDER DECALS |
| 1 | INSTALLATION GUIDE | 2 | VELCRO STRIPS |
| 1 | USB CABLE | 1 | ALCOHOL SWAB |
| 2 | DYNOJET DECALS | | |

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



INPUT ACCESSORY GUIDE



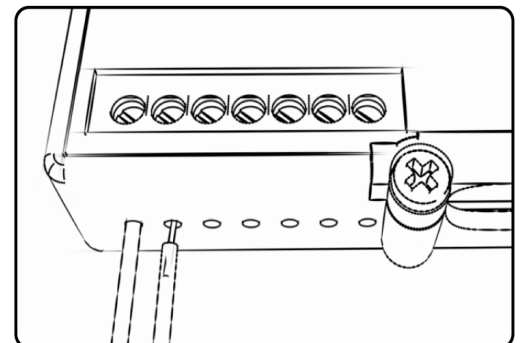
OPTIONAL ACCESSORY INPUTS

- 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.

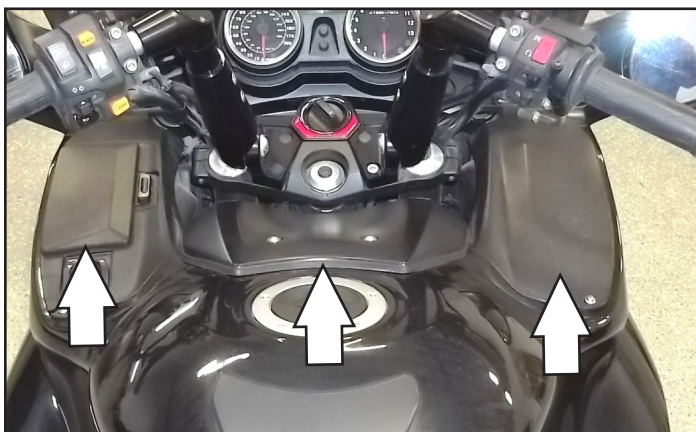
WIRE CONNECTIONS

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 PANELS

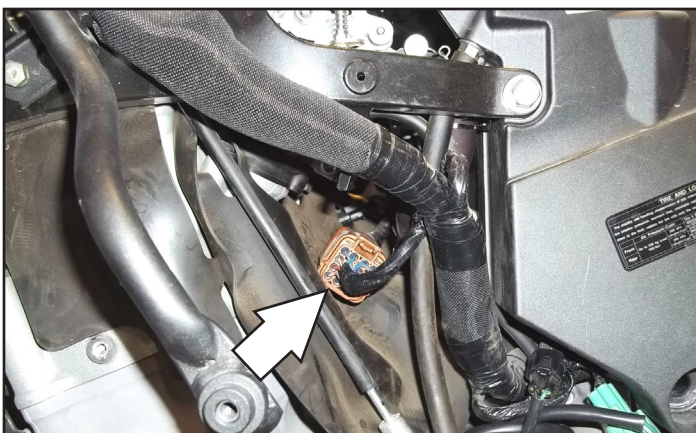
- 1 Remove the top cover at the front of the fuel tank and the panels at both sides of it.
- 2 Remove the left and right side mid-fairings and inner fairing panels.



MOVE COOLANT BOTTLE

- 3 Remove the coolant reserve bottle by removing the two mounting bolts.

You do not need to disconnect the hoses. Just move the bottle out of the way for easier access to the wiring harness.



UNPLUG SUB CONNECTOR

- 4 Unplug the stock wiring harness connectors for the throttle bodies from the left side of the bike.

This is a 16-pin BROWN connector pair.

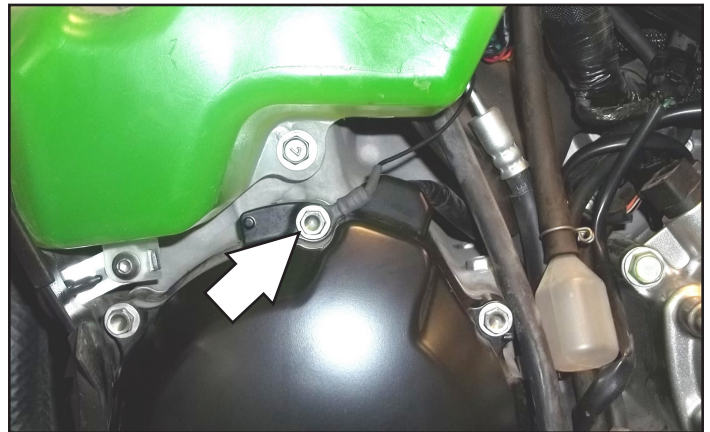
INSTALLING THE POWER COMMANDER 6

- 5 Plug the PC6 wiring harness in-line of the stock wiring harness connectors.
- 6 Route the rest of the PC6 wiring harness through the bike to the right side at this location going behind and beneath the throttle bodies.
- 7 Reinstall the coolant reserve bottle.



ROUTE PC6 HARNESS

- 8 Attach the PC6 ground wire with the small ring terminal to the engine case bolt.



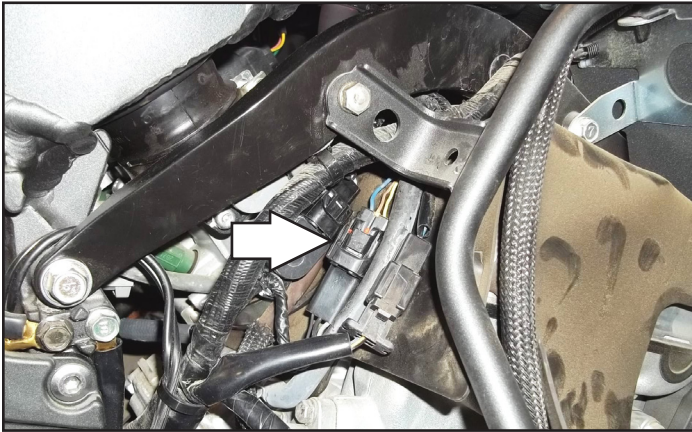
ATTACH GROUND

- 9 Using the supplied Velcro secure the PC6 module to the relay bracket at the front of the fuel tank.
Use the supplied alcohol swab to clean both surfaces prior to applying the Velcro.



INSTALL PC6

INSTALLING THE POWER COMMANDER 6



CONNECT TO TPS

- 10 From the right side of the bike locate and unplug the lower primary Throttle Position Sensor.

The TPS is located on the right side of the throttle bodies.

Be sure to unplug the lower TPS with the BLACK connector. Do NOT unplug the upper secondary TPS with the GREY connector.

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



UNPLUG THE CPS

- 12 Unplug the Crank Position Sensor connectors near the right side engine cover.



CONNECT TO CPS

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

- 14 Reinstall all of the removed bodywork and panels.



PUSH THE LIMIT

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