

POWER COMMANDER 6

Install guide for PC6-17087

Model coverage:

2021-2022 Kawasaki ZX-10R

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 | | |

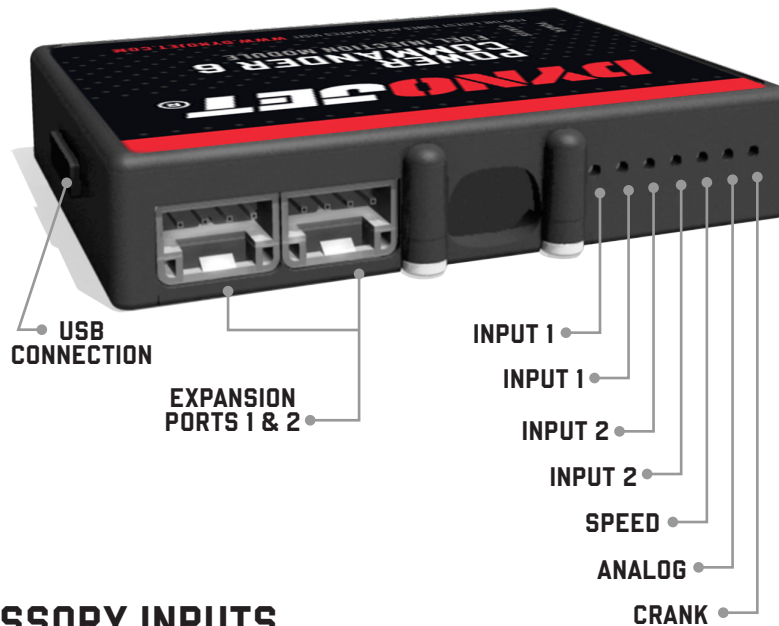
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-17087.01



INPUT ACCESSORY GUIDE



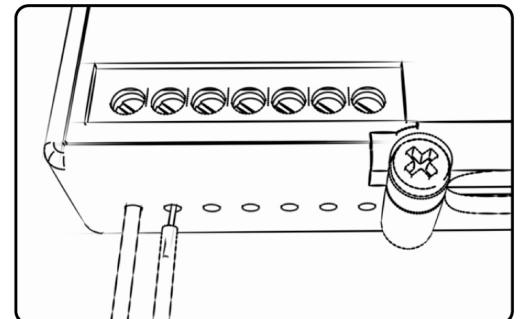
OPTIONAL ACCESSORY INPUTS

- 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.

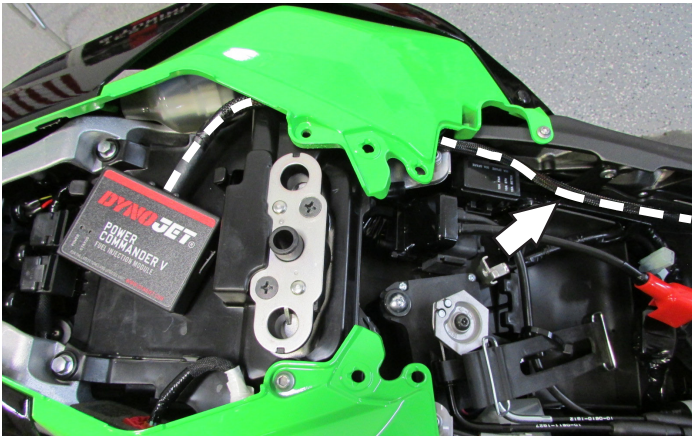
WIRE CONNECTIONS

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.

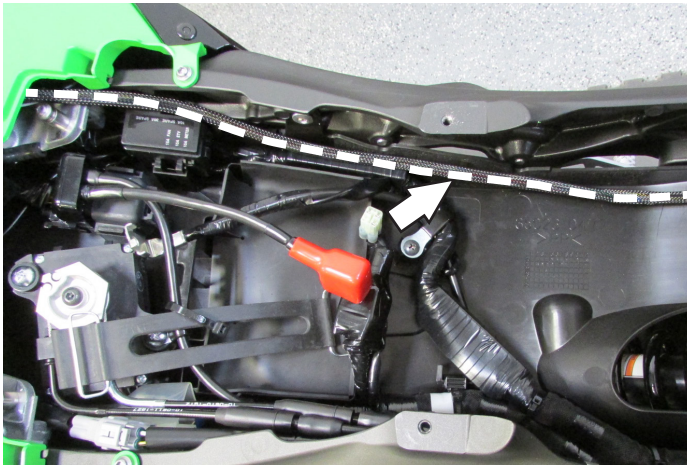
NOTE: If you tin the wires with solder it will make inserting them easier.



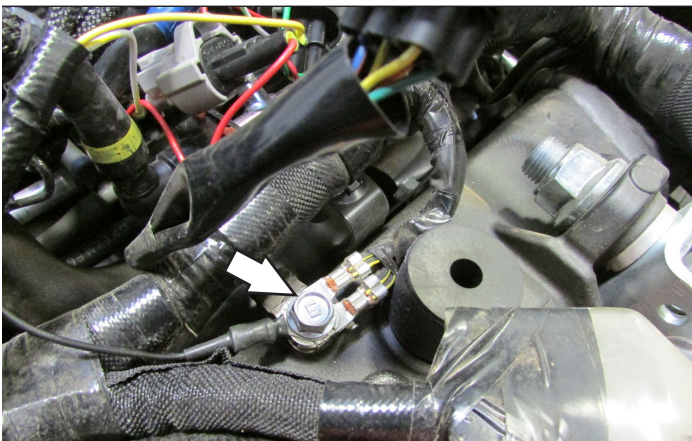
INSTALLING THE POWER COMMANDER 6



- 1 Remove both of the seats and the bodywork at the top of the tail section.
- 2 Remove the bodywork around the fuel tank and the fuel tank itself.
- 3 Lay the PC6 in the tail section and route the harness down the left side of the tail section.



- 4 Continue routing the PC6 wiring harness down the left side of the motorcycle going towards the engine.



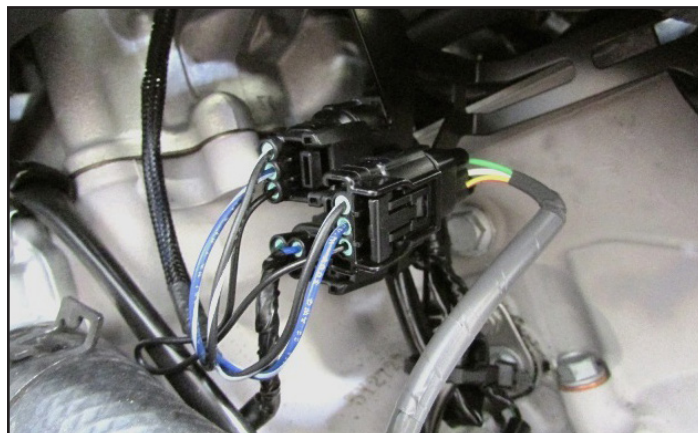
- 5 Secure the PC6 ground wire with the small ring terminal to the stock common ground bolt on the frame near the upper shock mount.

- 6 Unplug the stock Gear Position Sensor connectors.

These connectors are located on the left side of the engine. This is a BLACK 3-pin connector pair.



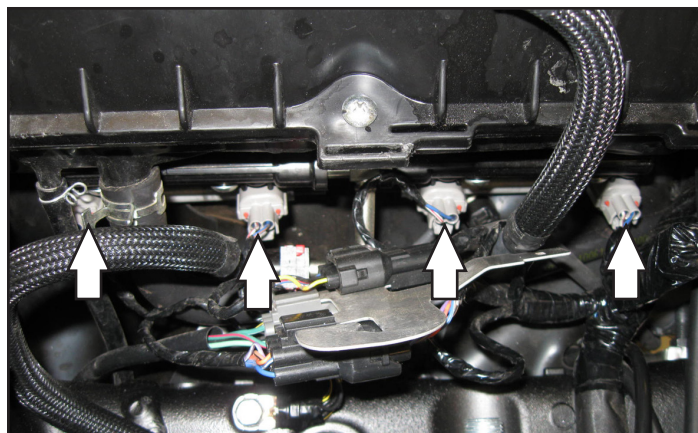
- 7 Plug the PC6 wiring harness in-line of the stock Gear Position Sensor connectors.



- 8 Loosen the small metal bracket from the back side of the air box.

- 9 Unplug the stock wiring harness from all four of the lower primary Fuel Injectors.

These are the lower injectors that have the GREY connectors; NOT the upper secondary injectors that have the BROWN connectors.



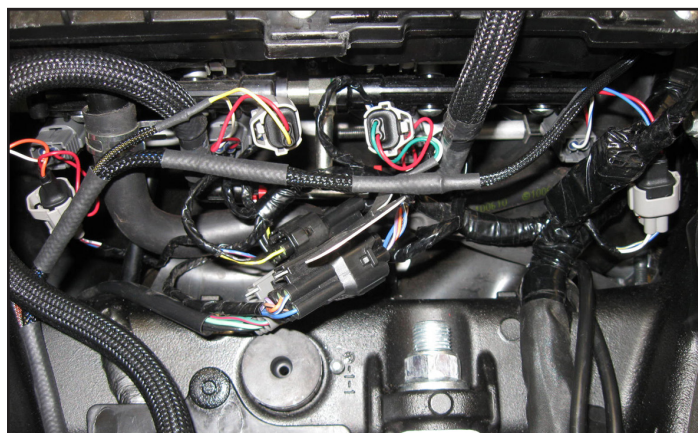
- 10 Plug the PC6 wiring harness in-line of the each Fuel Injector and each of the stock wiring harness connectors.

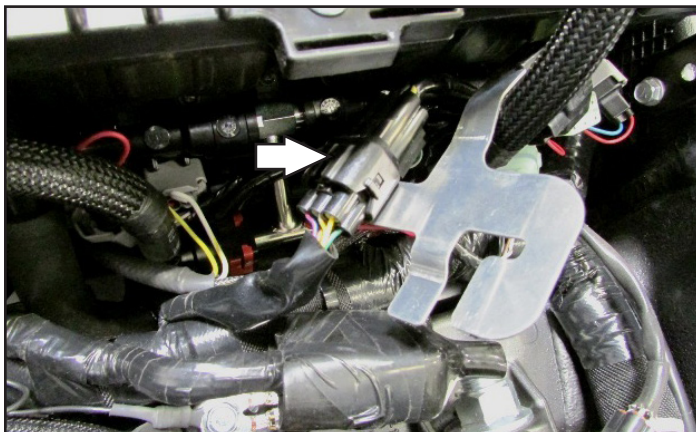
The pair of PC6 connectors with the ORANGE colored wires go to the #1 (left) fuel injector.

The pair of PC6 connectors with the YELLOW colored wires go to the #2 fuel injector.

The pair of PC6 connectors with the GREEN colored wires go to the #3 fuel injector.

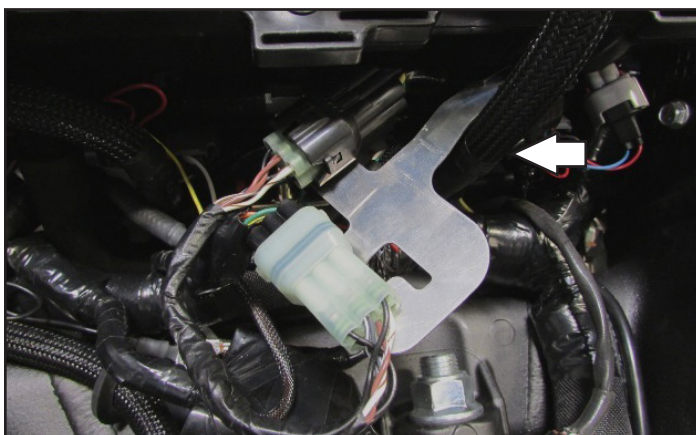
The pair of PC6 connectors with the BLUE colored wires go to the #4 (right) fuel injector.



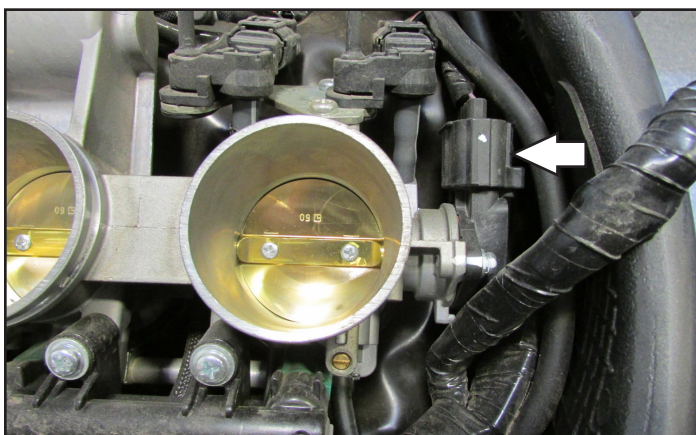


- 11 Unplug the stock Crank Position Sensor connectors.

This is a BLACK 6-pin connector pair located on the small metal bracket at the backside of the air box that was loosened in step 8.

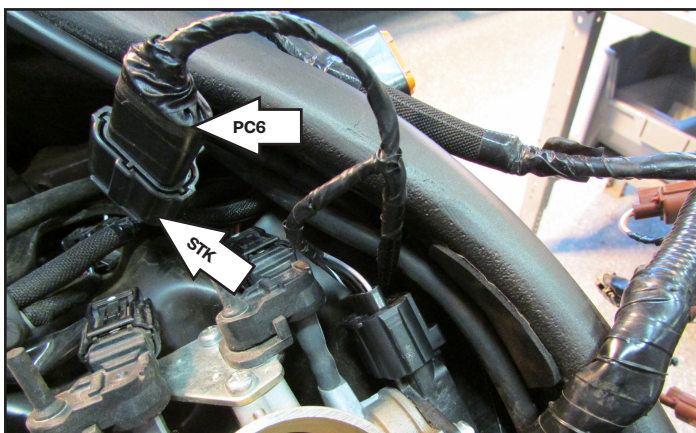


- 12 Plug the PC6 wiring harness in-line of the stock Crank Position Sensor connectors.
- 13 Secure the small metal bracket back to the air box.



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

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



- 15 Plug the PC6 wiring harness in-line of the stock Throttle Position Sensor connectors.
- 16 Reinstall the fuel tank.
- 17 Reinstall the removed bodywork and the 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
© 2016-2020 DYNOJET RESEARCH ALL RIGHTS RESERVED