

POWER COMMANDER 6

Installation Guide for: PC6-17049

Model Coverage: 2005-2006 Kawasaki ZX-6R and ZX-6RR

**POWER
COMMANDER**

PARTS LIST

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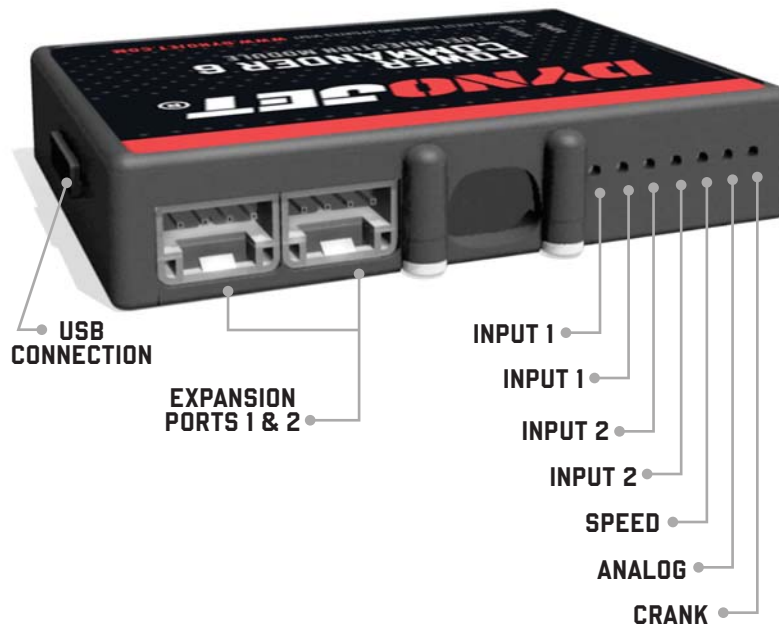
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|----------------------|--------------------------|
| 1 POWER COMMANDER 6 | 2 POWER COMMANDER DECALS |
| 1 INSTALLATION GUIDE | 2 VELCRO STRIPS |
| 1 USB CABLE | 1 ALCOHOL SWAB |
| 2 DYNOJET DECALS | |

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

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IPC6-17049.01

INPUT ACCESSORY GUIDE



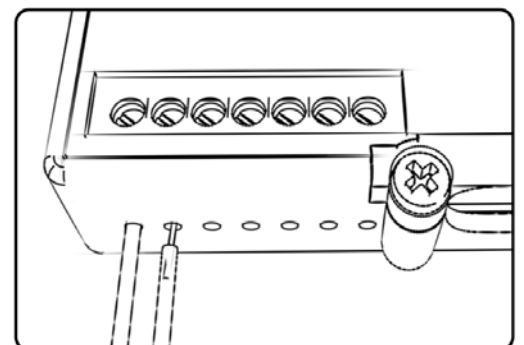
OPTIONAL ACCESSORY INPUTS

- 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.

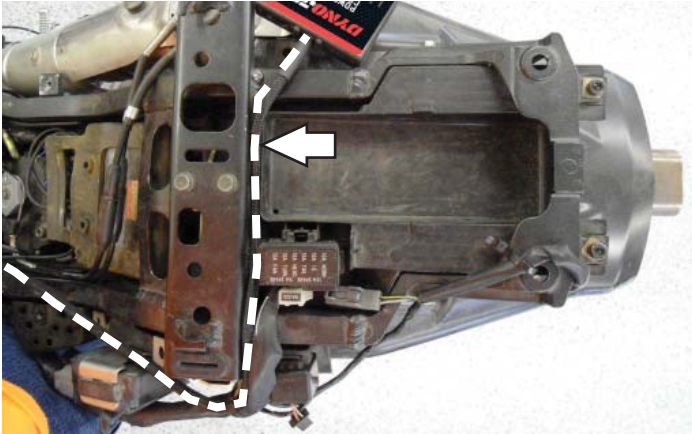
WIRE CONNECTIONS

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.

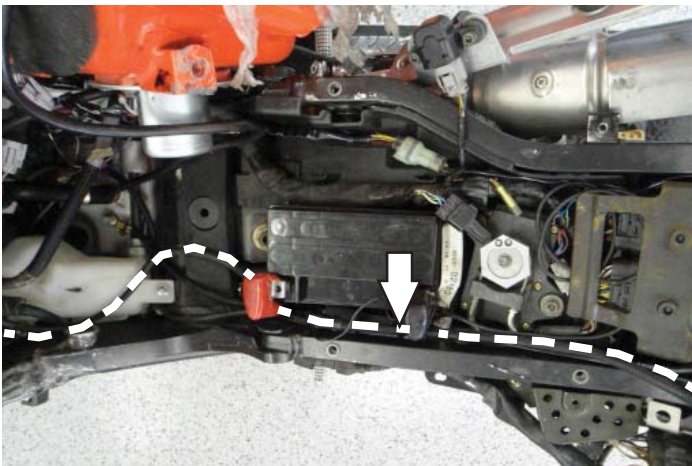
NOTE: If you tin the wires with solder it will make inserting them easier.



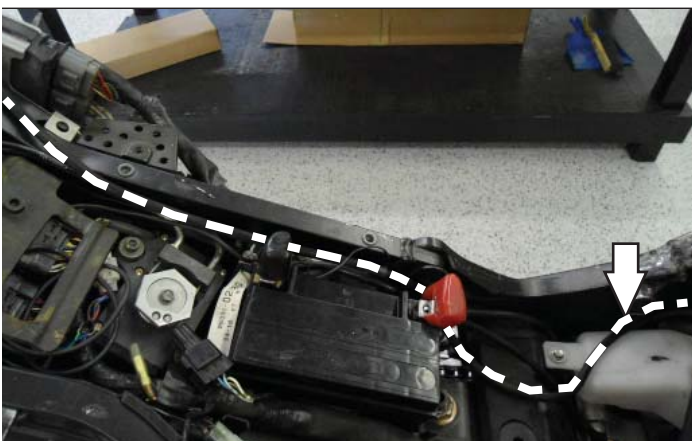
INSTALLING THE POWER COMMANDER 6



- 1 Remove the seats.
- 2 Remove the tail section by removing the undertail and removing the six screws for the tail section.
- 3 Prop the front of the fuel tank up.

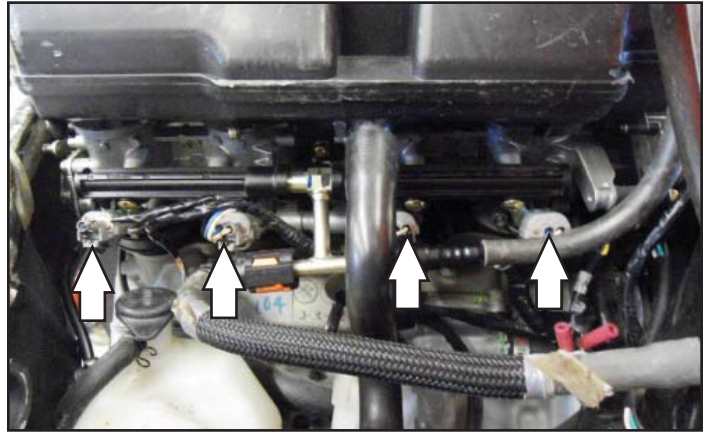


- 4 Lay the PC6 module in the tail section and route the wiring harness along side the stock wiring harness towards the engine.



- 5 Continue routing the wiring harness under the fuel tank and towards the throttle bodies following along inside the left side frame spar.
- This picture was taken with the fuel tank completely removed; but the PC6 can be installed without doing this.

- 6 Unplug the stock wiring harness from the LOWER fuel injectors at the throttle bodies.



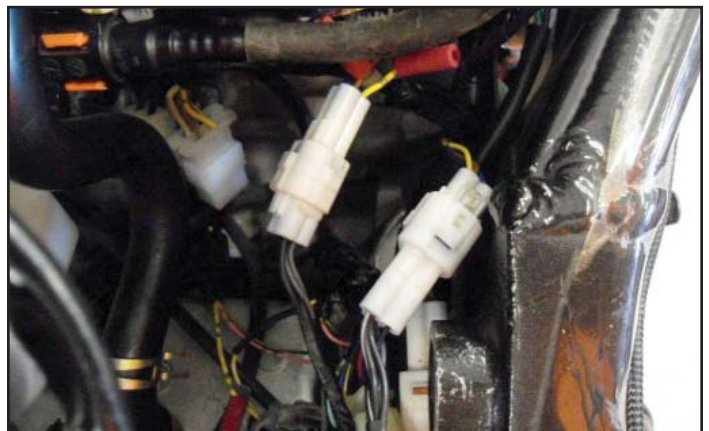
- 7 Plug the PC6 connectors in-line of the stock wiring harness and the fuel injectors.
- The pair of PC6 leads with ORANGE colored wires go in-line of the cylinder #1 (left-most) fuel injector.
- The pair of PC6 leads with YELLOW colored wires go in-line of the cylinder #2 fuel injector.
- The pair of PC6 leads with GREEN colored wires go in-line of the cylinder #3 fuel injector.
- The pair of PC6 leads with BLUE colored wires go in-line of the cylinder #4 (right-most) fuel injector.



- 8 Locate and unplug the pair of stock Throttle Position Sensor connectors behind the throttle bodies on the right-hand side of the bike.
- This is a WHITE 3-pin connector.



- 9 Plug the pair of matching PC6 leads in-line with the stock TPS connectors.





- 10 Secure the ground wire of the PC6 with the small ring lug to the negative (-) terminal of the bike's battery.
- 11 Lower and bolt down the front of the fuel tank.
- 12 Using the supplied Velcro, secure the module inside of the tail section.

Clean both surfaces with the supplied alcohol swab prior to applying the Velcro adhesive.
- 13 Reassemble the tail section; and reinstall the seats.

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



PUSH THE LIMIT

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