

POWER COMMANDER 6

Installation Guide for: PC6-17035

Model Coverage: 2008-2012 Kawasaki EX250
Fuel Injected Models Only

PARTS LIST

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

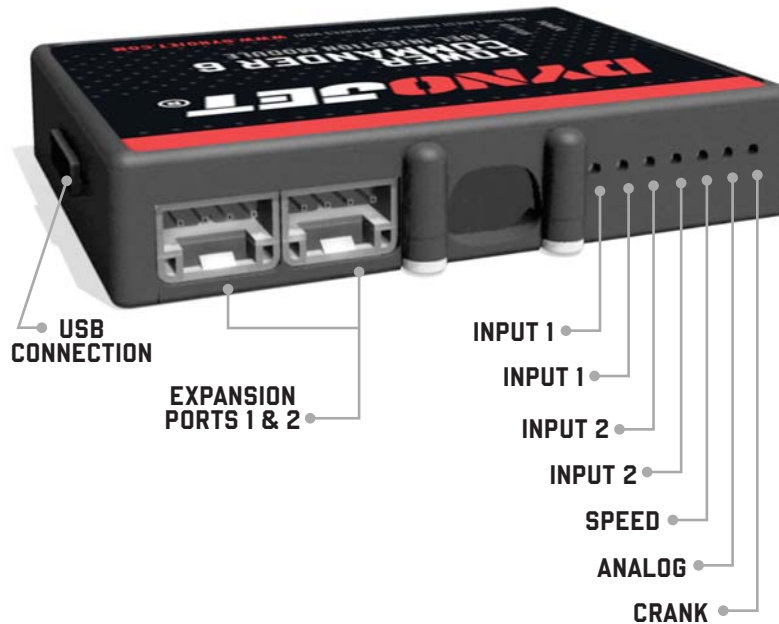
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**

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IPC6-17035.01



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.

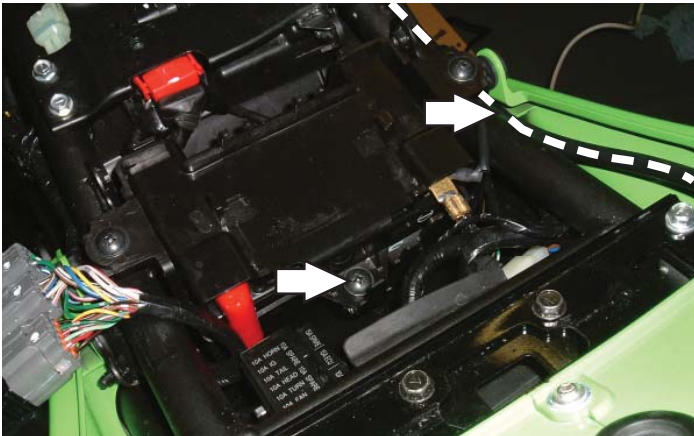
WIRE CONNECTIONS

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 fuel tank.
- 3 Lay the PC6 in the tail section and route the harness towards the front of the bike. Route the PC6 harness down the right side of the bike.
- 4 Move the junction box out of the way and remove the bolt for the battery cover.



- 5 Attach the ground wire of the PC6 to the negative side of the battery.
- 6 Reinstall the battery cover and junction box.



- 7 Unplug the stock wiring harness from each injector.

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

ORANGE - cylinder #1.

YELLOW - cylinder #2.



- 9 Locate the Throttle Position Sensor on the right hand side of the throttle bodies. This is the GREY 3-pin connector

This picture was taken with the coolant bottle moved out of the way.

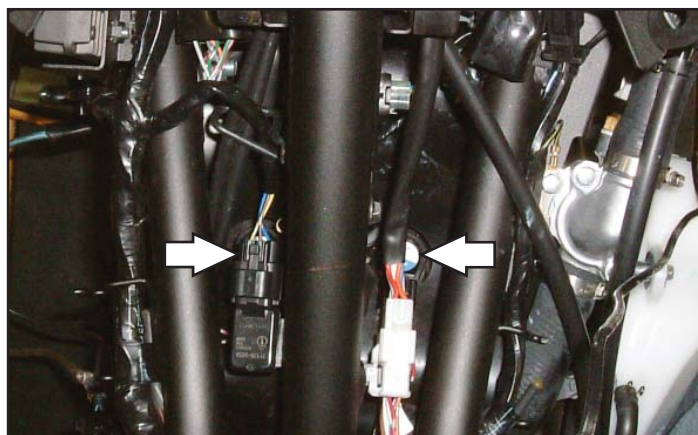
- 10 Plug the connectors from the PC6 in-line of the stock TPS and wiring harness.

Make sure you do NOT plug the PC6 in-line of the BLACK connector.



- 11 Unplug the stock wiring harness from each coil stick.

The coil sticks are located on top of the engine. In this image the #1 (left) coil stick is located under the Baro pressure sensor.



- 12 Connect PC6 in-line of the stock wiring harness and each coil stick.

Image only shows #1 cylinder.

PC6 GREEN wires to #1 cylinder.

PC6 BLUE wires to #2 cylinder.





- 13 Unplug the Crank Position Sensor from the stock wiring harness.

This is a BLUE 2-pin connector under the right hand side cover.



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



- 15 Using the supplied velcro, secure the PC6 unit in the tail section.


Clean both surfaces with the supplied alcohol swab prior to applying the velcro.

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

Optional inputs:

Speed - GREEN/RED wire (pin #5) of the larger ECU connector.

Engine Temperature - ORANGE wire (pin #17) of the larger ECU connector.



**PUSH
THE
LIMIT**

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