

# POWER COMMANDER 6

Installation Guide for: PC6-17027

Model Coverage: 2006-2007 Kawasaki ZX-10R

**POWER  
COMMANDER**

## PARTS LIST

×

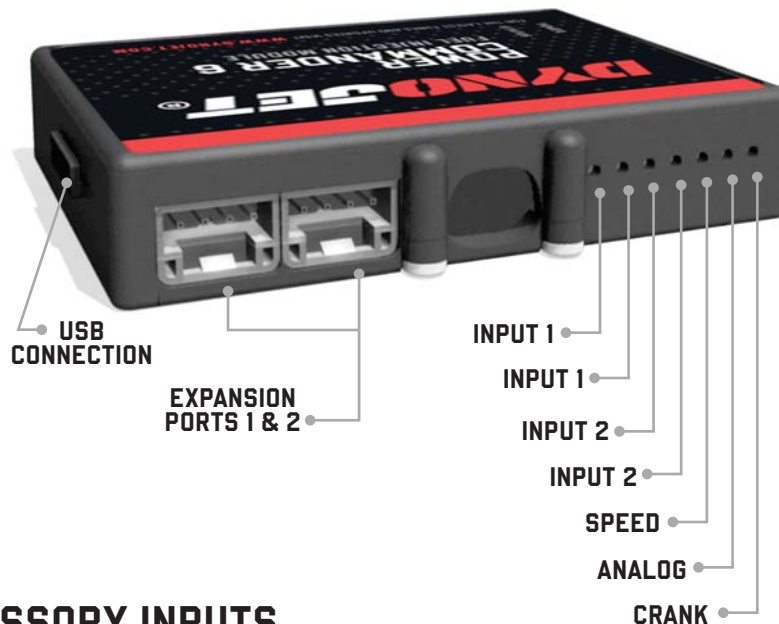
- |                      |                          |
|----------------------|--------------------------|
| 1 POWER COMMANDER 6  | 2 POWER COMMANDER DECALS |
| 1 INSTALLATION GUIDE | 2 VELCRO STRIPS          |
| 1 USB CABLE          | 1 ALCOHOL SWAB           |
| 2 DYNOJET DECALS     |              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

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

×

IPC6-17027.01

# 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 main seat and the passenger seat.
- 2 Place the PC6 module in the tail section and route the wiring harness on the inside of the tail section towards the front of the bike.



- 3 Unbolt the front of the fuel tank and prop it up.
- 4 Route the PC6 harness down the left hand side of the bike going beneath the fuel tank bracket.



- 5 Locate and unplug the sub-harness connector for the bike's fuel rail.

This is a 16-pin **BROWN** connector on the right hand side of the bike under the fuel tank and behind the engine.

- 6 Plug the pair of PC6 connectors in-line of the stock connectors.



- 7 Secure the PC6 ground wire with the ring lug to the negative terminal of the bike's battery.
- 8 Using the supplied Velcro, secure the PC6 module in the tail section.  
  
Clean both surfaces with the supplied alcohol swab prior to applying the Velcro adhesive.
- 9 Secure the front of the fuel tank and reinstall the seats.

Download the latest map files from our web site at [dynojet.com/tunes](http://dynojet.com/tunes).

#### Optional Inputs:

**Speed** - BLUE/YELLOW wire. Sensor is located on the left hand side of the engine case in front of the counter-shaft sprocket.

**Engine Temperature** - BLUE/WHITE wire on the GREY 10-pin connector under the fuel tank.

**12v Source for Autotune** - RED wire of the taillight connector.





# **PUSH THE LIMIT**

**2191 MENDENHALL DRIVE, NORTH LAS VEGAS, NV 89081 - 800-992-4993 - DYNOJET.COM**

**© 2006-2022 DYNOJET RESEARCH ALL RIGHTS RESERVED**