



Dynojet Ninja ZX-6R QuickShifter Expansion Module Installation Guide

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Ninja ZX-6R QuickShifter Expansion Module Installation Guide

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Ninja ZX-6R QuickShifter Expansion Module

Installation Guide for PC6-17003

Model Coverage: 2009-2012 Kawasaki ZX6R

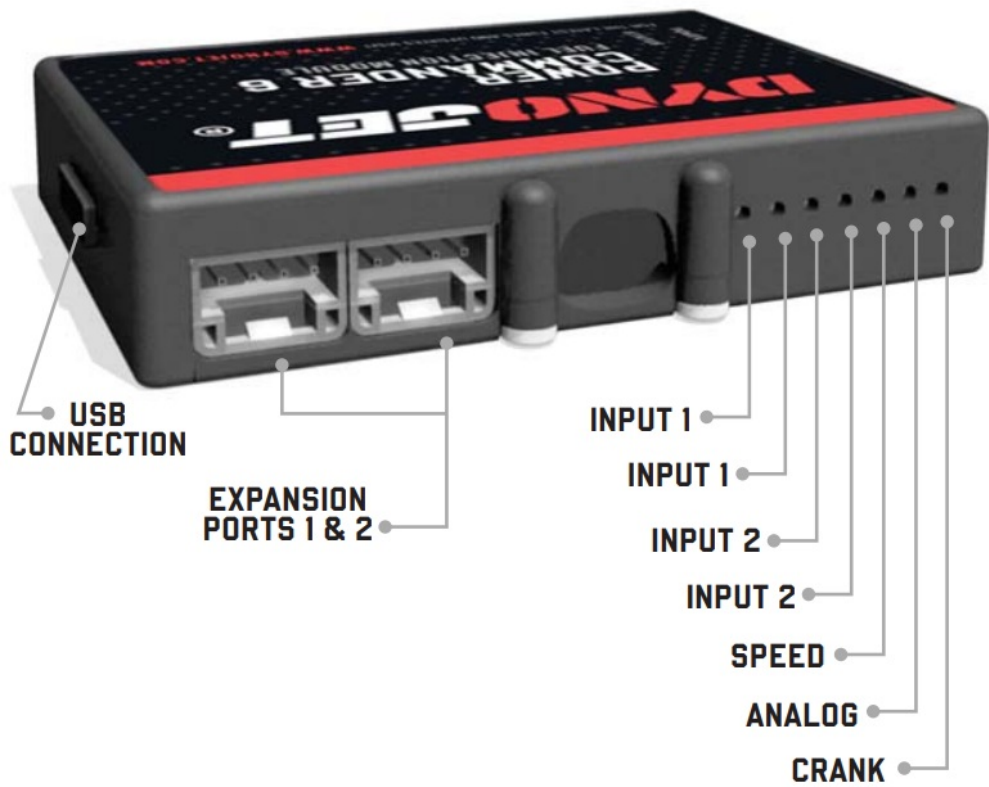
PARTS LIST

- 1 POWER COMMANDER 6
- 1 INSTALLATION GUIDE
- 1 USB CABLE
- 2 DYNOJET DECALS
- 2 POWER COMMANDER DECALS

- 2 VELCRO STRIPS
- 1 ALCOHOL SWAB
- 1 POSI-TAP

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

INPUT ACCESSORY GUIDE



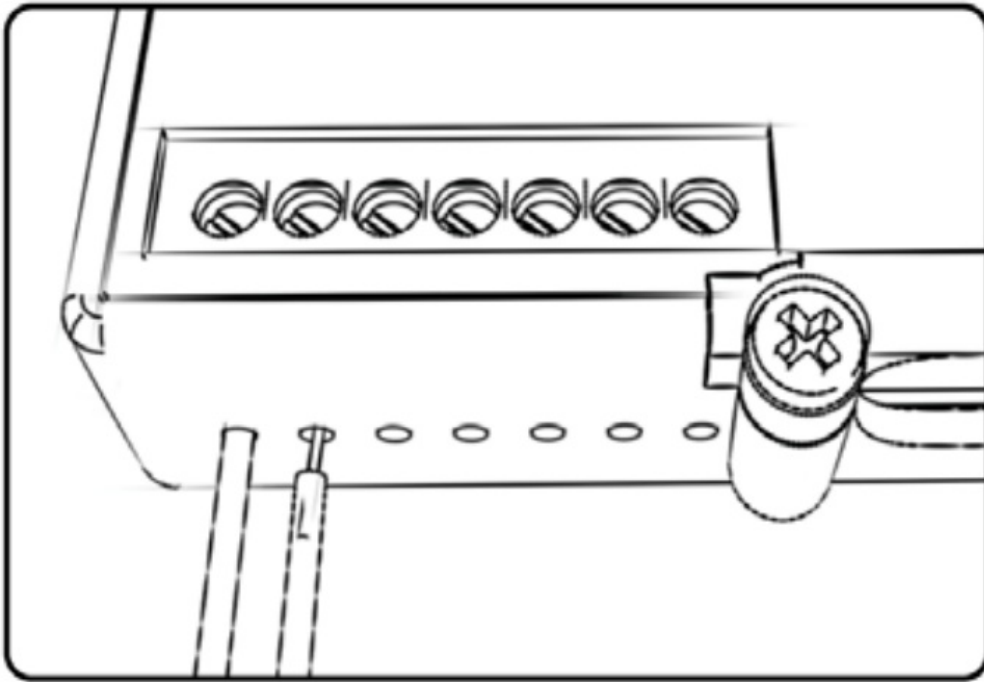
OPTIONAL ACCESSORY INPUTS

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 set up 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. Prop the fuel tank up.
3. Using the supplied Velcro, secure the PC6 in the tail section as shown.

Be sure to clean both surfaces with the supplied alcohol swab prior to applying the Velcro.

4. Route the PC6 harness down the left side of the bike.

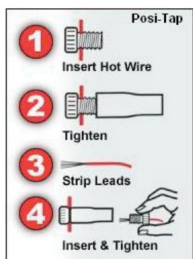


5. Unplug the stock wiring harness from each of the lower fuel injectors.

The lower injectors are located on the throttle bodies.

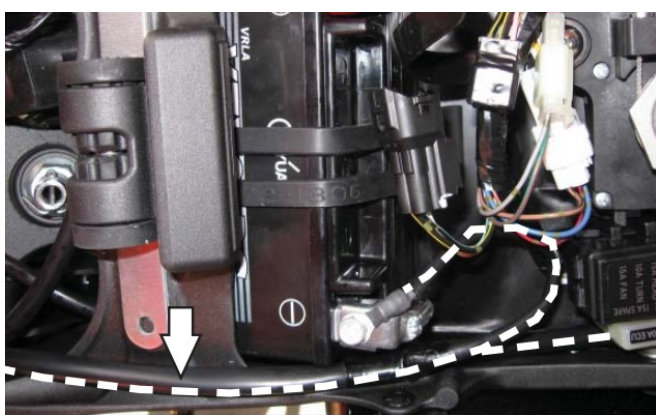


6. Attach the connectors from the PC6 to the stock wiring harness and each injector.



7. Locate the YELLOW/WHITE wire on the left ECU plug.

8. Using the supplied postal, attach the GREY wire from the PC6 to the YELLOW/WHITE wire of the stock harness.



9. Attach the ground wire of the PC6 with the 6mm ring lug to the negative terminal of the bike's battery.

10. Reinstall the fuel tank.

11. Reinstall the main seat and the passenger seat.

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

Optional Inputs:

Speed – YELLOW wire – The sensor is on the front sprocket cover or use pin 6 on the left ECU connector.

Engine Temperature – ORANGE wire – pin 9 on the left ECU connector.

12v Source for AutoTune – RED wire at the tail light connector.

DYNOJET

PUSH THE LIMIT

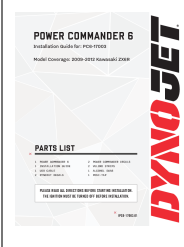
2191 MENDENHALL DRIVE, NORTH LAS VEGAS,
NV 89081 – 800-992-4993

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2009-2012 KAWASAKI ZX6R

IPC6-17003.01



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Ninja ZX-6R, QuickShifter Expansion Module, Expansion Module, QuickShifter Module, Module
, Ninja ZX-6R

References

- [D Powersports Vehicle Parts | Performance Ignition & Fuel Parts | Dynojet](#)
- [D Tunes | Dynojet](#)