

POWER COMMANDER 6

Install guide for: PC6-17088

Model coverage:

2020-2021 Kawasaki Ninja 1000 SX

PARTS LIST

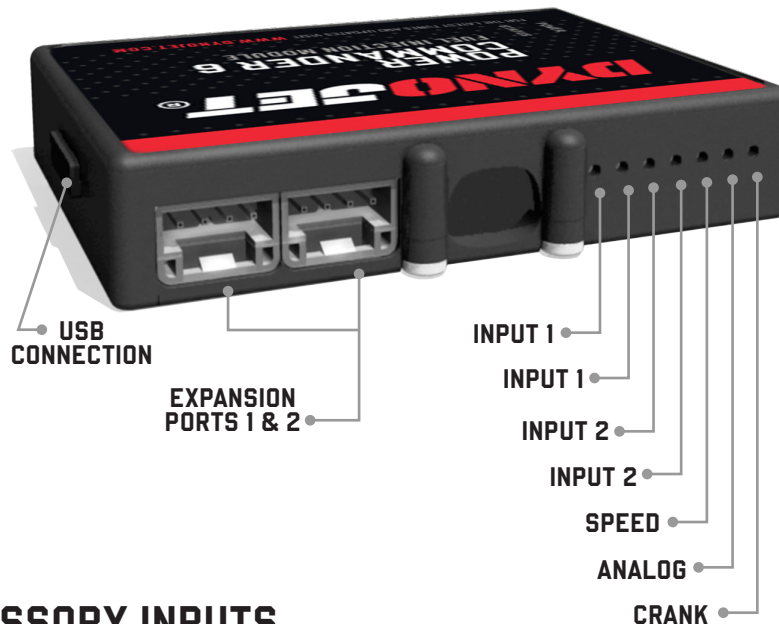


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|---|--------------------|---|------------------------|
| 1 | POWER COMMANDER 6 | 2 | POWER COMMANDER DECALS |
| 1 | INSTALLATION GUIDE | 2 | VELCRO STRIPS |
| 1 | USB CABLE | 1 | ALCOHOL SWAB |
| 2 | DYNOJET DECALS | | |

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



INPUT ACCESSORY GUIDE



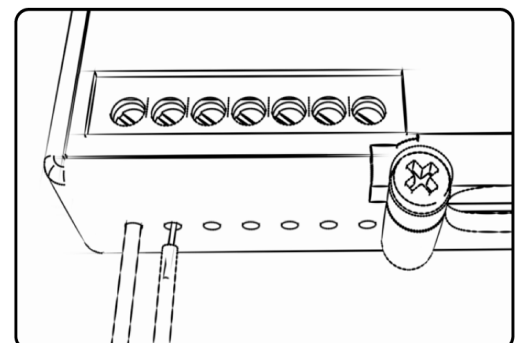
OPTIONAL ACCESSORY INPUTS

- 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.

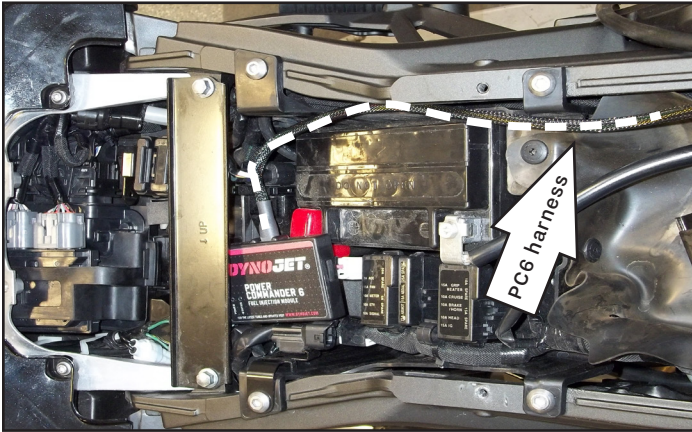
WIRE CONNECTIONS

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

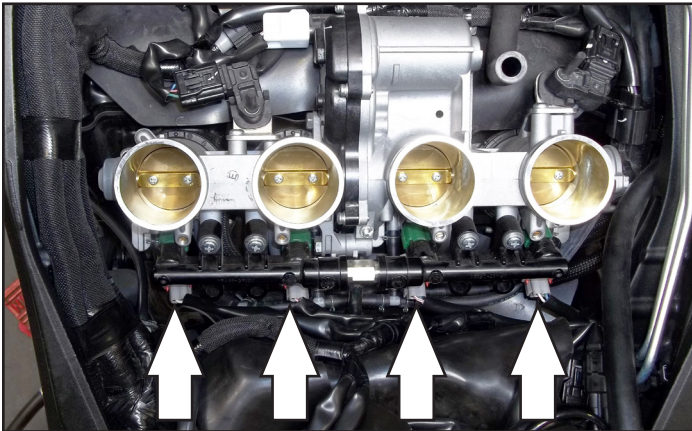


PC6 INSTALL

- 1 Remove the seat, fuel tank and airbox.
- 2 Store the PC6 module next to the battery.

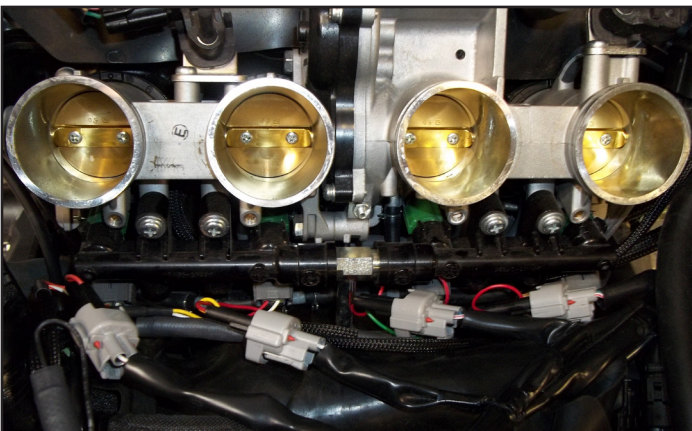
*The supplied velcro can be used to secure the module.
Clean surfaces with the alcohol swab before attaching the velcro.*

- 3 Route the harness towards the front of the bike along the left side of the frame.



DISCONNECT INJECTORS

- 4 Unplug the stock wiring harness from each injector



CONNECT INJECTORS

- 5 Plug the PC6 wiring harness in-line of the stock wiring harness and each fuel injector.

PC6 harness:

ORANGE - cylinder #1 (left)

YELLOW - cylinder #2

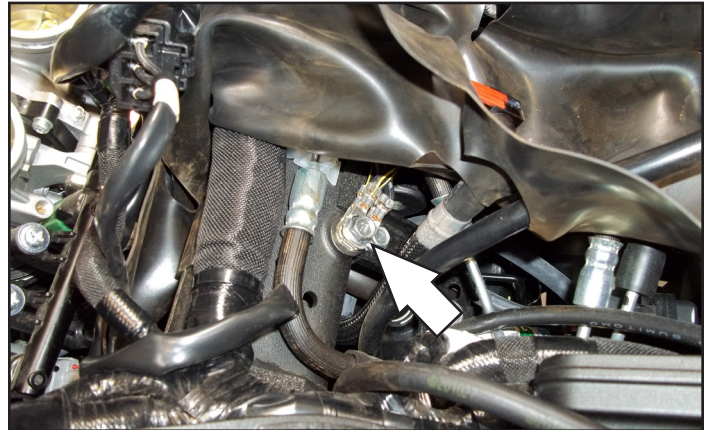
GREEN - cylinder #3

BLUE - cylinder #4 (right)

INSTALLING THE POWER COMMANDER 6

- 6 Attach the ground wire from the PC6 to the common stock ground wire location.

This is located in front of the battery underneath the rubber flap.



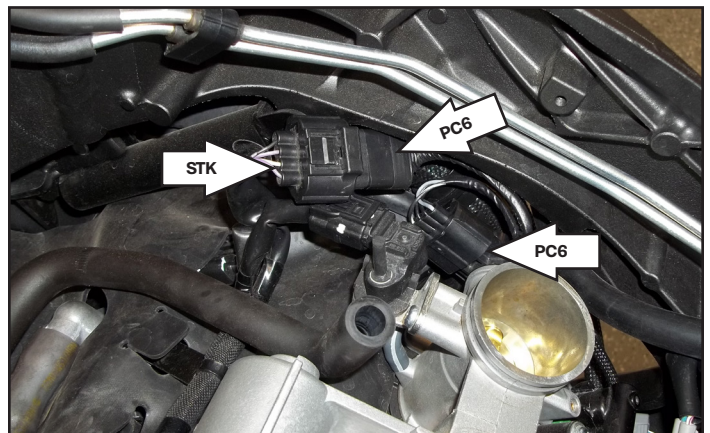
CONNECT TO GROUND

- 7 Locate and unplug the Throttle Position Sensor on the right hand side of the throttle bodies.



UNPLUG THE TPS

- 8 Plug the PC6 harness in-line of the stock wiring harness and the TPS.
- 9 Reinstall the airbox, fuel tank and bodywork.



CONNECT TPS



PUSH THE LIMIT

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