

POWER COMMANDER 6

Installation Guide for: PC6-17074

Model Coverage: Kawasaki VN1600 Models

2003-2008 Classic

2005-2008 Nomad

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 | | |

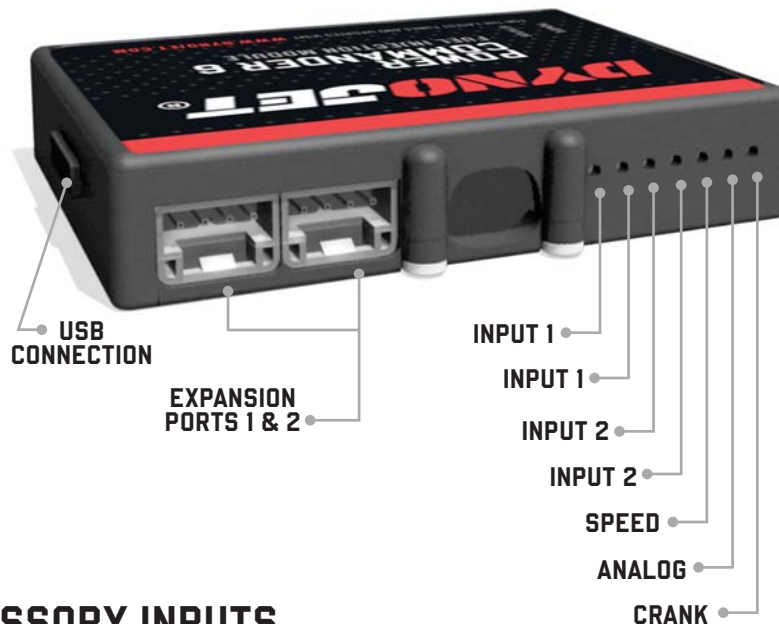
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-17074.01



INPUT ACCESSORY GUIDE



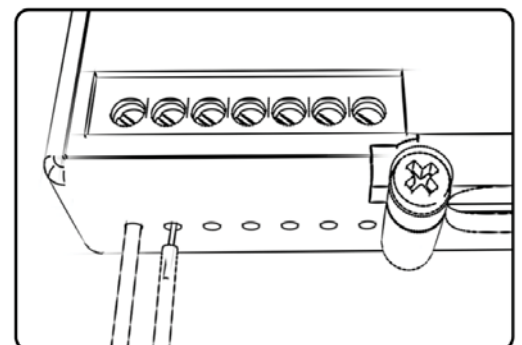
OPTIONAL ACCESSORY INPUTS

- 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.

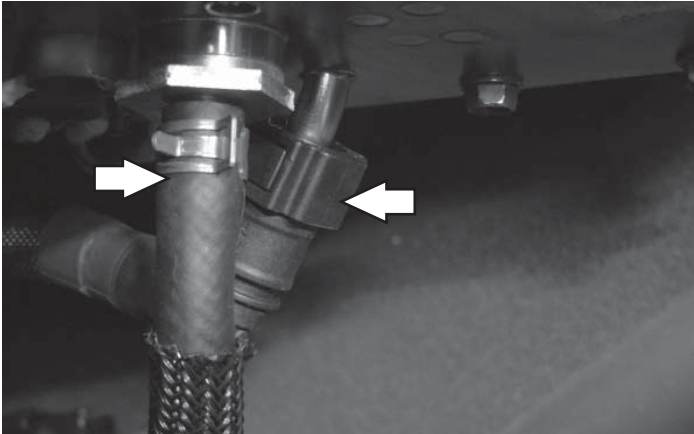
WIRE CONNECTIONS

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.

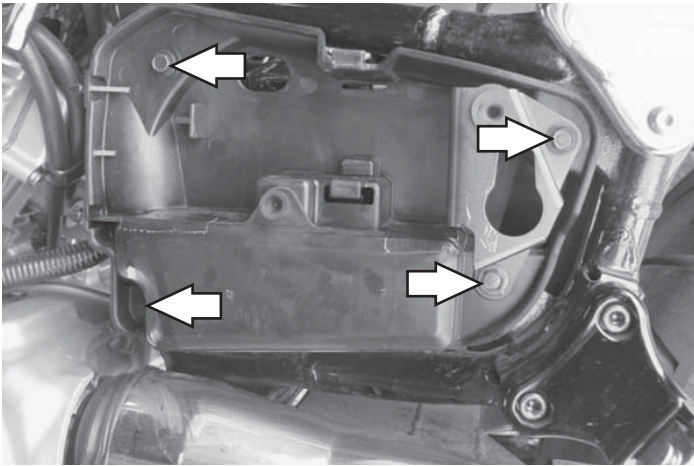


INSTALLING THE POWER COMMANDER 6

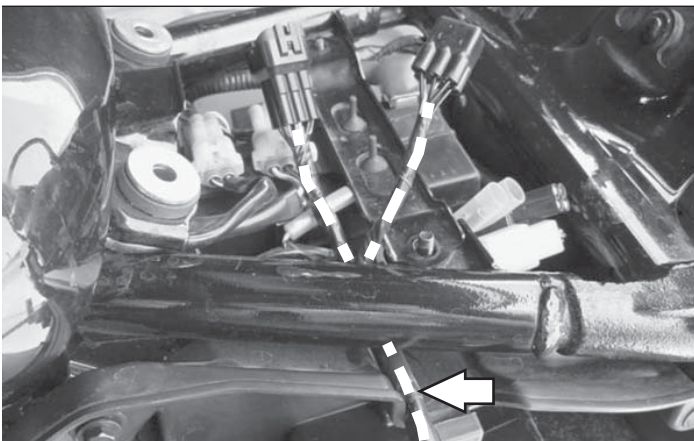


- 1 Remove the main seat and the passenger seat.
- 2 Remove the fuel tank.

Note: The installation can be done without removing the fuel tank, but it may be easier to have it removed
- 3 To remove the fuel line squeeze the sides of the connector. Disconnect the two electrical connectors.

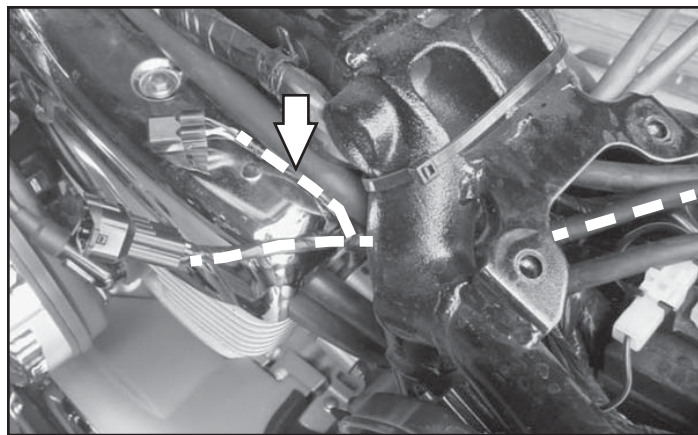


- 4 Loosen the four bolts holding on the left hand side cover.



- 5 Route the PC6 wiring harness between the tray and the frame.

- 6 Continue routing the PC6 wiring harness towards the front of the bike. Route underneath the frame and towards the left hand side of the rear cylinder.



- 7 Continue routing the PC6 wiring harness along the frame towards the front of the bike. Locate the stock connector pair for the throttle bodies.



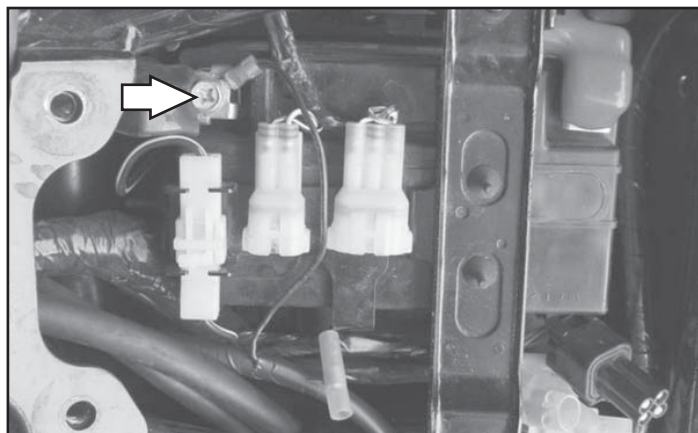
- 8 Unplug these connectors.

- 9 Plug the connectors from the PC6 wiring harness in-line of the stock connectors.

Note: There is another pair of stock connectors further down the stock wiring harness on the right side of the frame that the PC6 wiring harness will fit into. Make sure you are plugging the PC6 wiring harness in-line of the stock connector pair that sits on the left side of the frame.



- 10 Attach the ground wire from the PC6 wiring harness to the negative side of the bike's battery.





- 11 Install the PC6 module under the left hand side cover. Use the supplied Velcro to attach the unit. Clean surfaces with the supplied alcohol swab before attaching the Velcro.

Note: If you have a California model there will be a charcoal canister under the left side cover. It is best to Velcro the unit to the front of the charcoal canister.

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



**PUSH
THE
LIMIT**

2191 MENDENHALL DRIVE, NORTH LAS VEGAS, NV 89081 - 800-992-4993 - DYNOJET.COM
© 2003-2022 DYNOJET RESEARCH ALL RIGHTS RESERVED