

POWER COMMANDER 6

Install guide for: PC6-16040

Model coverage: 2013-2017 Honda CB1100

**POWER
COMMANDER**

PARTS LIST

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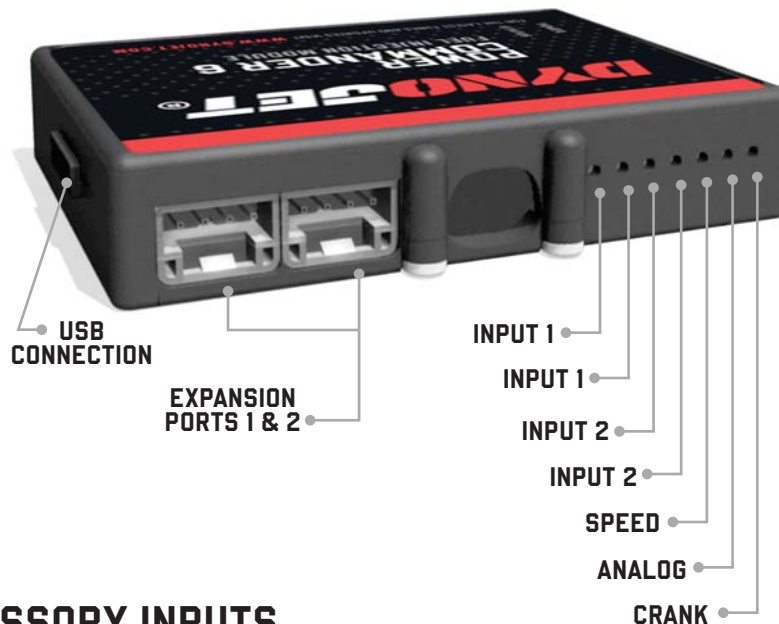
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|----------------------|--------------------------|
| 1 POWER COMMANDER 6 | 2 POWER COMMANDER DECALS |
| 1 INSTALLATION GUIDE | 2 VELCRO STRIPS |
| 1 USB CABLE | 1 ALCOHOL SWAB |
| 2 DYNOJET DECALS | |

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

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IPC6-16040.01

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 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.



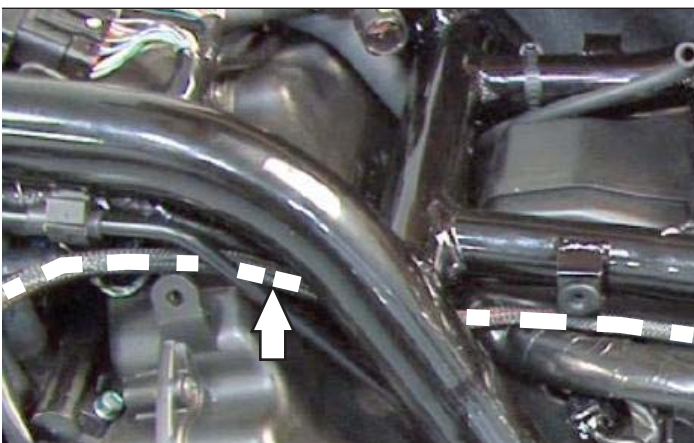
INSTALLING THE POWER COMMANDER 6



- 1 Remove the seat and the side panels directly below the seat on both sides.
- 2 Remove the fuel tank, and the plastic panel on the left side of the air box.



- 3 Remove the compartment below the seat to access the battery.
- 4 Secure the ground wire of the PC6 with the 6mm ring lug to the negative terminal of the bike's battery.



- 5 Route the PC6 wiring harness forward towards the engine following alongside the stock wiring harness beneath the left side frame rail.

- 6 Locate and unplug the stock sub-harness connector for the bike's Fuel Injectors.

This is a **BLACK 10-pin connector** located just beneath the left side frame rail above the engine.



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



- 8 Reinstall the compartment above the battery.

- 9 Using the supplied Velcro, secure the PC6 module inside of this compartment.

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

- 10 Reinstall the fuel tank, the bodywork, and the seat.

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

To see a video of this installation, visit our channel (DynojetResearch) on YouTube.





PUSH THE LIMIT

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