

POWER COMMANDER 6

Install guide for: PC6-16013

Model coverage: 2008-2016 Honda CB1000R

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 | |

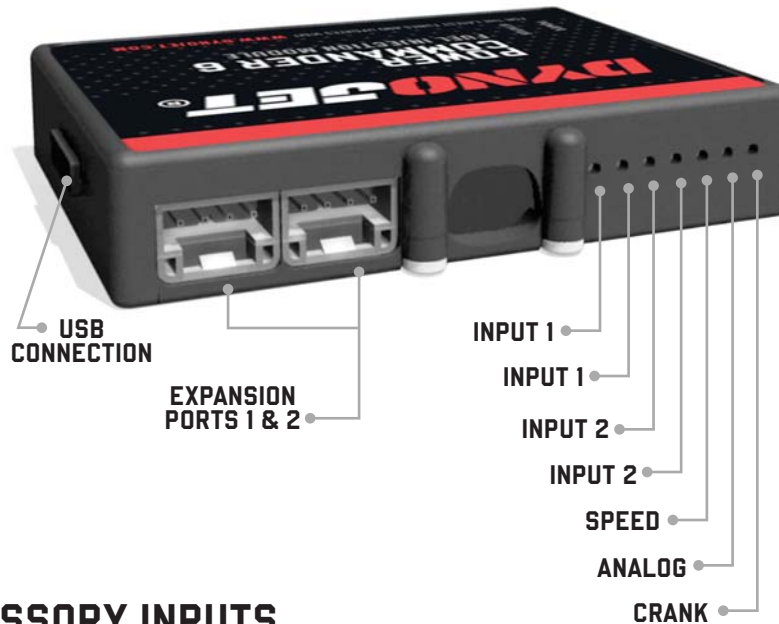
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-16013.01



INPUT ACCESSORY GUIDE



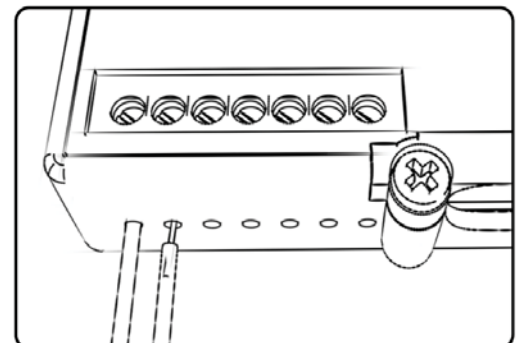
OPTIONAL ACCESSORY INPUTS

- 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.

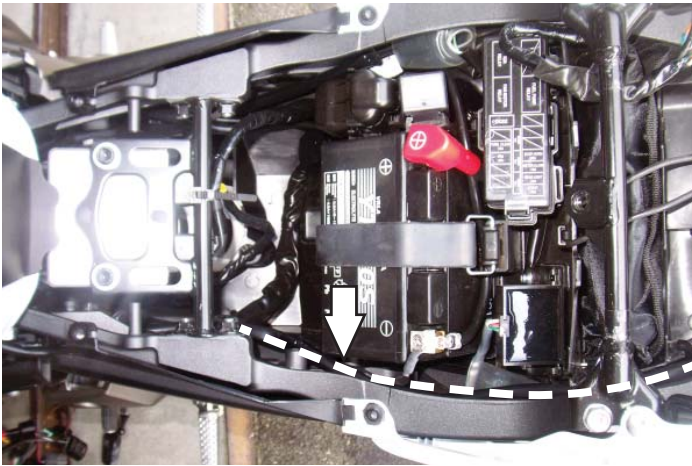


INSTALLING THE POWER COMMANDER 6

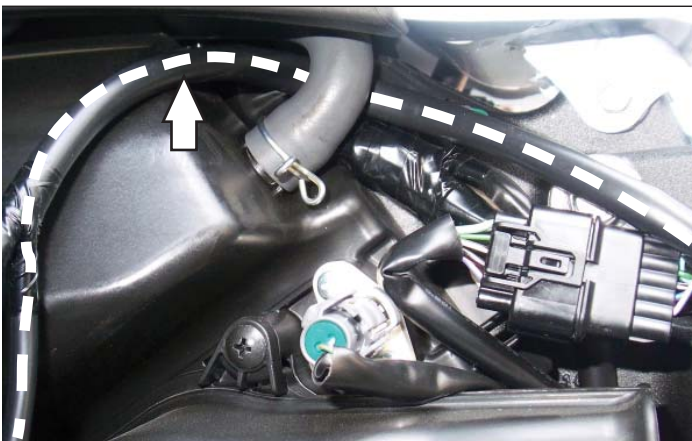


- 1 Remove the main seat and the passenger seat.
- 2 Remove the side panels over each side of the air box.
- 3 Remove the fuel tank.
- 4 Using the supplied Velcro, install the PC6 in the tail section.

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



- 5 Route the PC6 wiring harness down the left hand side of the bike going underneath each of the frame crossovers.
- 6 Attach the ground wire from the PC6 harness to the negative side of the battery.



- 7 Continue routing the PC6 harness along the left hand side of the air box.

- 8 Locate the #1 injector connector. Unplug this connector.



- 9 Plug the ORANGE colored wires of the PC6 in-line of stock wiring harness and injector #1.

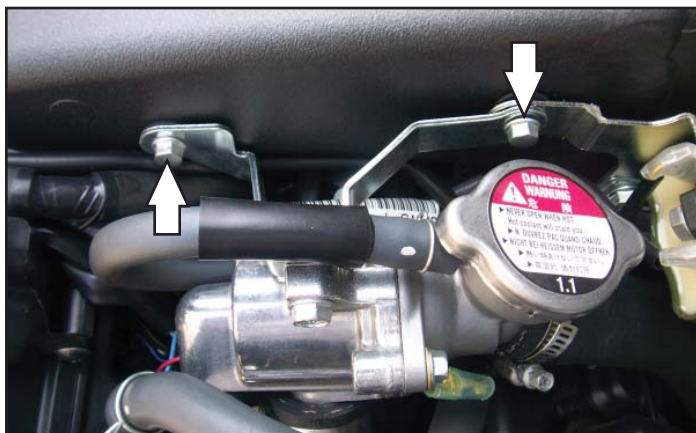
- 10 Repeat steps 7 & 8 for the #2 injector using the YELLOW colored wires from the PC6.



- 11 Remove the bolts that hold the thermostat housing to the right side of the frame.

- 12 Repeat steps 7&8 for the #3 and #4 injectors.

- 13 Reinstall the thermostat housing.



- 14 Unplug the stock wiring harness from the Throttle Position Sensor.

This connector is located on the left hand side of the throttle bodies.





- 15 Plug the PC6 harness in-line of the stock wiring harness and TPS.
- 16 Reinstall the fuel tank and bodywork.

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



**PUSH
THE
LIMIT**

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