

POWER COMMANDER 6

Installation Guide for: PC6-16006

Model Coverage: 2003-2009 Honda Varadero 1000

POWER COMMANDER 6

PARTS LIST

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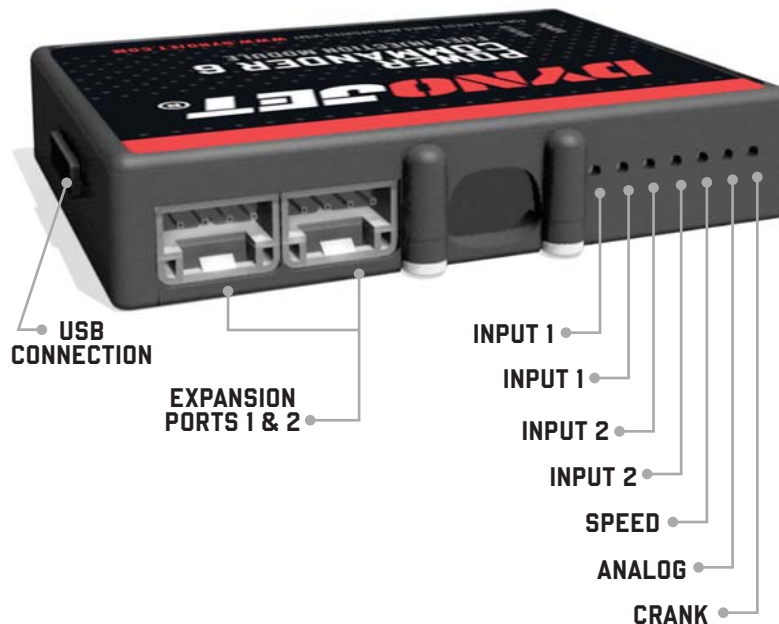
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|----------------------|--------------------------|
| 1 POWER COMMANDER 6 | 2 POWER COMMANDER DECALS |
| 1 INSTALLATION GUIDE | 2 VELCRO STRIPS |
| 1 USB CABLE | 1 ALCOHOL SWAB |
| 2 DYNOJET DECALS | |

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

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IPC6-16006.01

INPUT ACCESSORY GUIDE



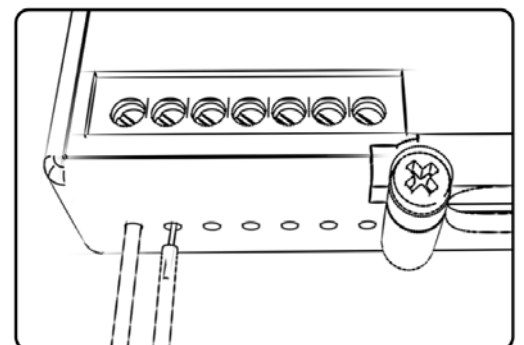
OPTIONAL ACCESSORY INPUTS

- 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.

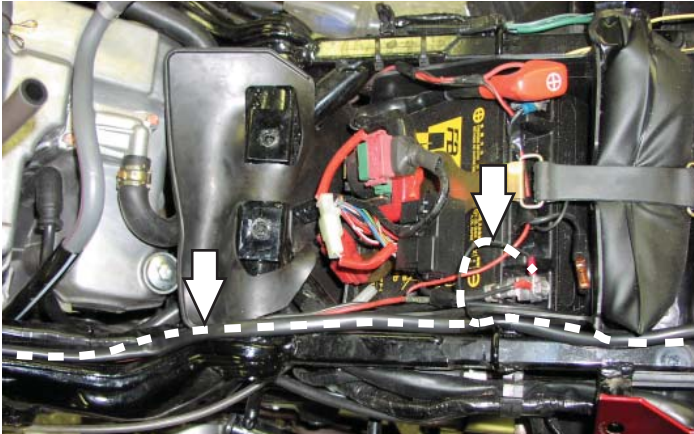
WIRE CONNECTIONS

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.

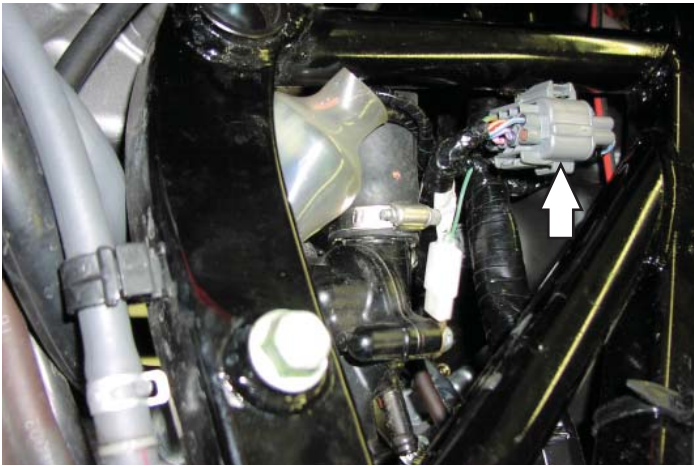
NOTE: If you tin the wires with solder it will make inserting them easier.



INSTALLING THE POWER COMMANDER 6



- 1 Remove the seat.
- 2 Prop up the back of the fuel tank or remove it completely.
- 3 Route the PC6 harness from the tail section towards the engine. Route the harness on the left side between the rear cylinder and frame along the main wiring harness of the bike.
- 4 Attach the ground wire from the PC6 to the negative side of the battery.



- 5 Locate the GREY connector from the throttle bodies.
This connector is located under the fuel tank, on the left outside of the frame.

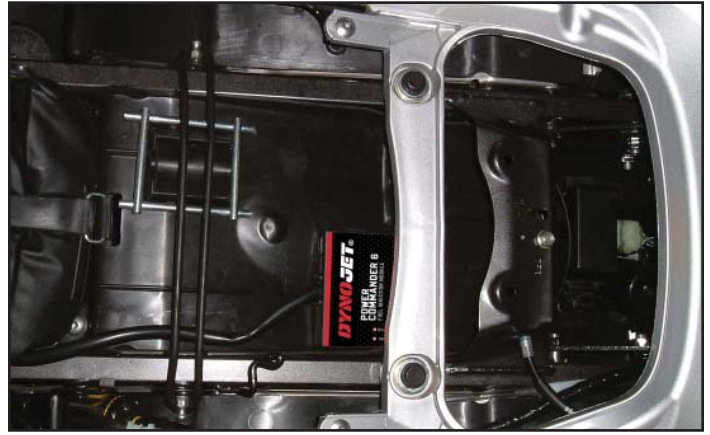


- 6 Unplug this connector and plug the PC6 connectors in-line.

- 7 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.

- 8 Bolt the fuel tank down and install the seat.
- Be careful not to pinch the PC6 harness.

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



Optional Inputs:

Speed Input - PINK wire of 3-pin connector located behind the ABS pump PINK-GREEN-BLACK.

Temperature Input - PINK/WHITE of sensor in thermostat housing, near the PC6 connections.

12v source for Autotune - BROWN wire of tail light connector.



PUSH THE LIMIT

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