

POWER COMMANDER 6

Install guide for: PC6-16051

Model coverage: 2014-2015 Honda VFR 800

PARTS LIST



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| 1 | USB CABLE | 1 | ALCOHOL SWAB |
| 2 | DYNOJET DECALS | | |

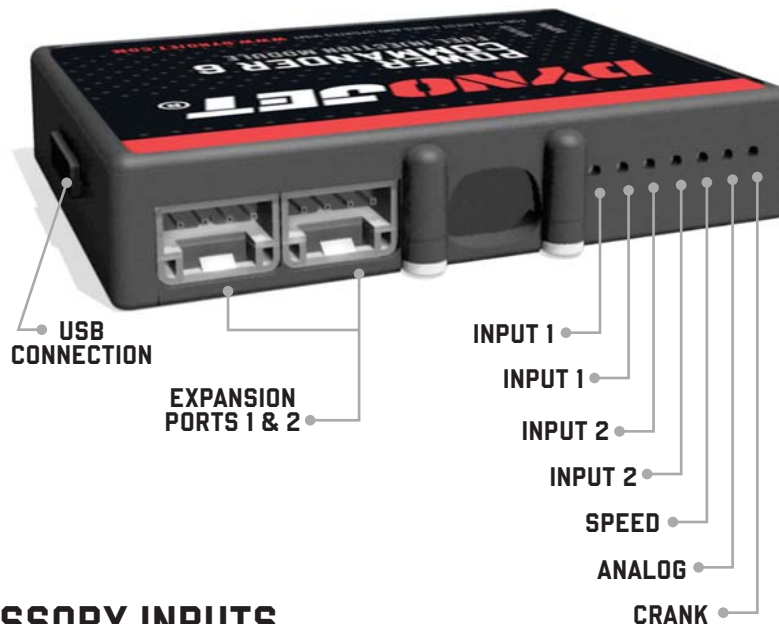
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-16051.01



INPUT ACCESSORY GUIDE



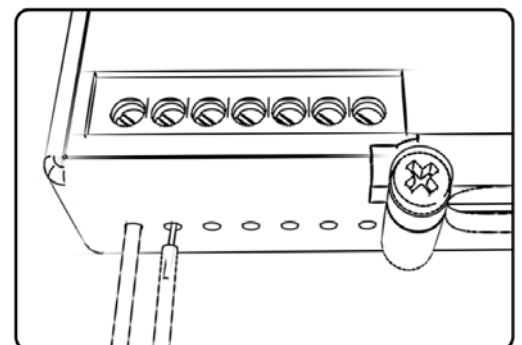
OPTIONAL ACCESSORY INPUTS

- 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.

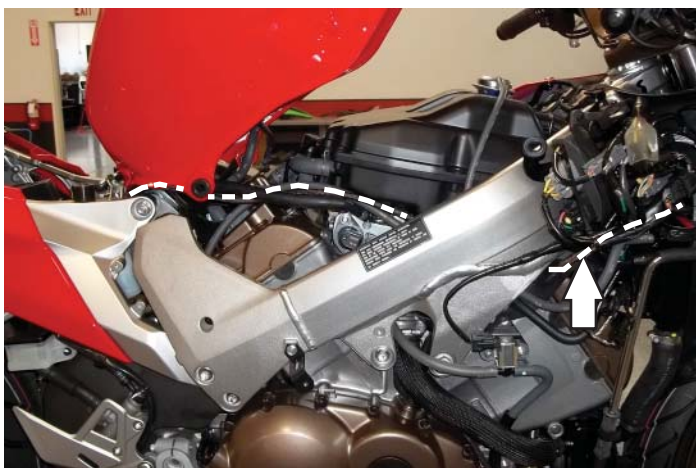
NOTE: If you tin the wires with solder it will make inserting them easier.



INSTALLING THE POWER COMMANDER 6



- 1 Remove the seats, the plastic panel below the rider's seat that covers the top of the battery, and remove the right and left side mid-fairings.



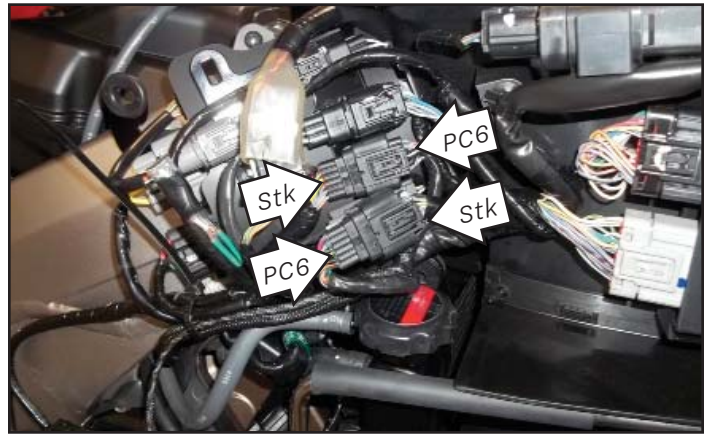
- 2 Loosen the front of the fuel tank. Lift and prop the fuel tank in an upright position.
- 3 Lay the PC6 module on top of the battery and route the wiring harness forward. Go beneath the fuel tank, between the engine and right side frame spar, and towards the bike's stock ECU and electrical connectors on the right side of the frame.



- 4 Locate and unplug the stock fuel injector sub-harness connectors.

This is a BLACK 12-pin connector pair on the right side of the frame just rear of the bike's ECU.

- 5 Plug the mating pair of 12-pin PC6 connectors in-line of the stock fuel injector sub-harness connectors.



- 6 Locate and unplug the stock Crank Position Sensor connectors.

This is a **BLACK** 2-pin connector pair located on a small bracket just rear of the radiator on the right hand side.



- 7 Plug the pair of 2-pin PC6 connectors in-line of the stock Crank Position Sensor connectors.



- 8 Secure the PC6 ground wire with the small ring lug to the negative (-) terminal of the bike's battery.





- 9 Reinstall the battery cover.
- 10 Use the supplied Velcro, to secure the PC6 module to the top of the battery cover.

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

- 11 Lower the fuel tank. Bolt it back into place. Reinstall both mid-fairings and the seats.

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



**PUSH
THE
LIMIT**

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