

# POWER COMMANDER 6

Installation Guide for: PC6-16030

Model Coverage: 2010-2011 Honda CBF1000F

**POWER COMMANDER 6**

## PARTS LIST

×

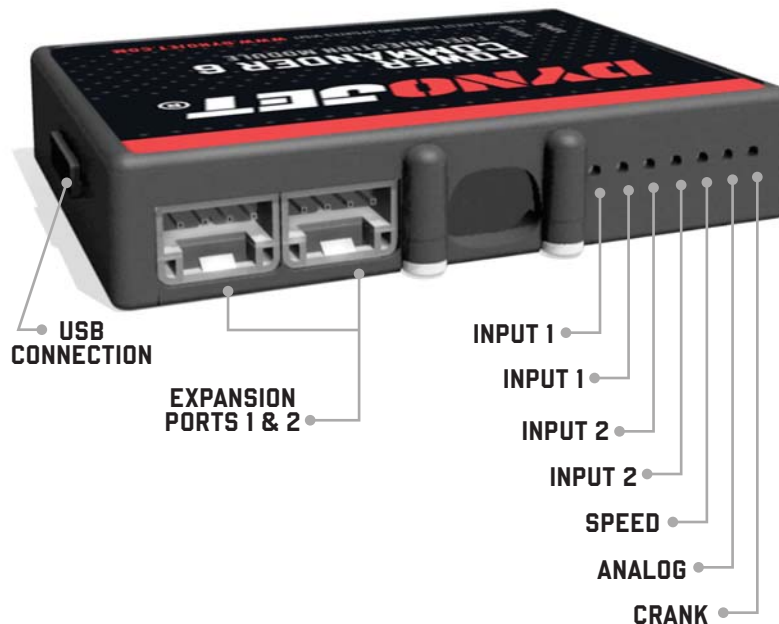
- |                      |                          |
|----------------------|--------------------------|
| 1 POWER COMMANDER 6  | 2 POWER COMMANDER DECALS |
| 1 INSTALLATION GUIDE | 2 VELCRO STRIPS          |
| 1 USB CABLE          | 1 ALCOHOL SWAB           |
| 2 DYNOJET DECALS     |              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

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

×

IPC6-16030.01

# 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 seats.
- 2 Remove or prop the fuel tank up.
- 3 Lay the PC6 in the tail section and route the PC6 harness towards the front of the bike.



- 4 Route the PC6 harness from the right hand side of the bike to the left hand side. Go over the frame.

Make sure the harness is routed so as to not be damaged by the fuel tank.



- 5 Unplug the stock wiring harness at injectors #1 and #2.

- 6 Plug the PC6 wiring harness in-line of the stock harness and injectors.

PC6 harness:

ORANGE - #1 cylinder

YELLOW - #2 cylinder



- 7 To gain access to the #3 and #4 injectors remove the bolts that hold the thermostat to frame. Move the thermostat out of the way temporarily.



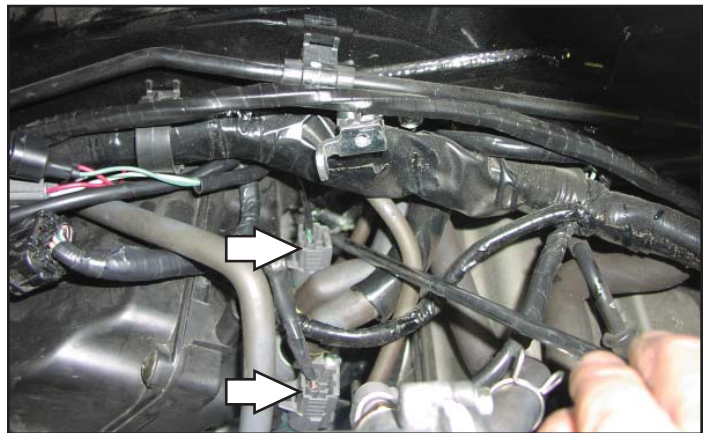
- 8 Unplug the stock wiring harness at injectors #3 and 4.

- 9 Plug the PC6 wiring harness in-line of the stock harness and injectors as in step 6.

PC6 harness:

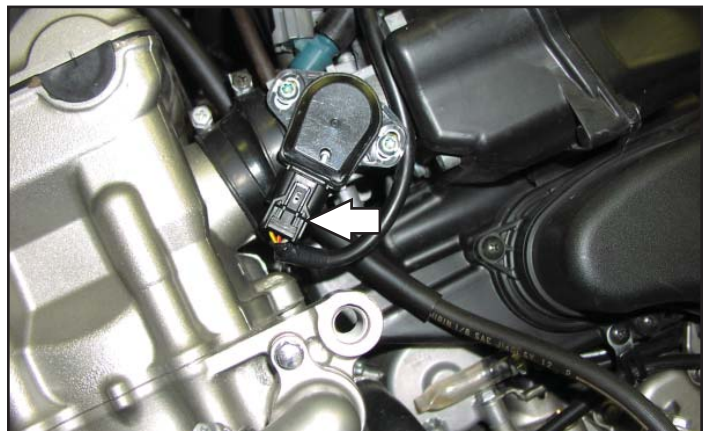
GREEN - #3 cylinder

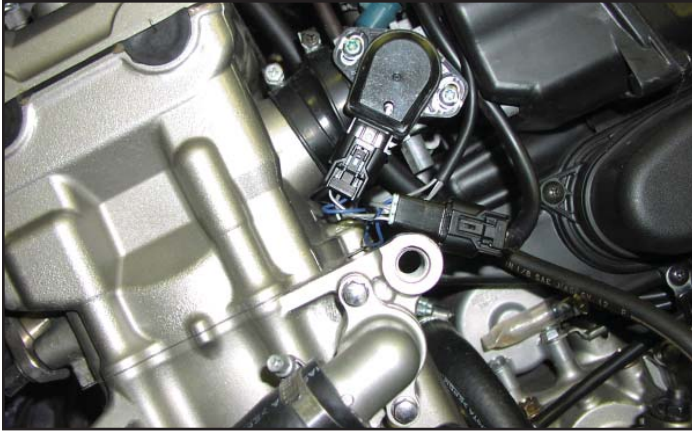
BLUE - #4 cylinder



- 10 Locate the Throttle Position Sensor on the left hand side of the throttle bodies.

- 11 Unplug the stock connector from the TPS.





- 12 Plug the PC6 harness in-line of the stock wiring harness and TPS.
- 13 Using the supplied Velcro, secure the PC6 to the tail section. Make sure to use the alcohol swab to clean both surfaces before mounting.
- 14 Reinstall the fuel tank and seat.

Download the latest map files from our web site at [dynojet.com/tunes](http://dynojet.com/tunes).



# **PUSH THE LIMIT**

**2191 MENDENHALL DRIVE, NORTH LAS VEGAS, NV 89081 - 800-992-4993 - DYNOJET.COM**

**© 2010-2022 DYNOJET RESEARCH ALL RIGHTS RESERVED**