

POWER COMMANDER 6

Install guide for: PC6-16072

Model coverage: 2018-2019 Honda CRF1000L

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 | 2 POSI-TAPS |

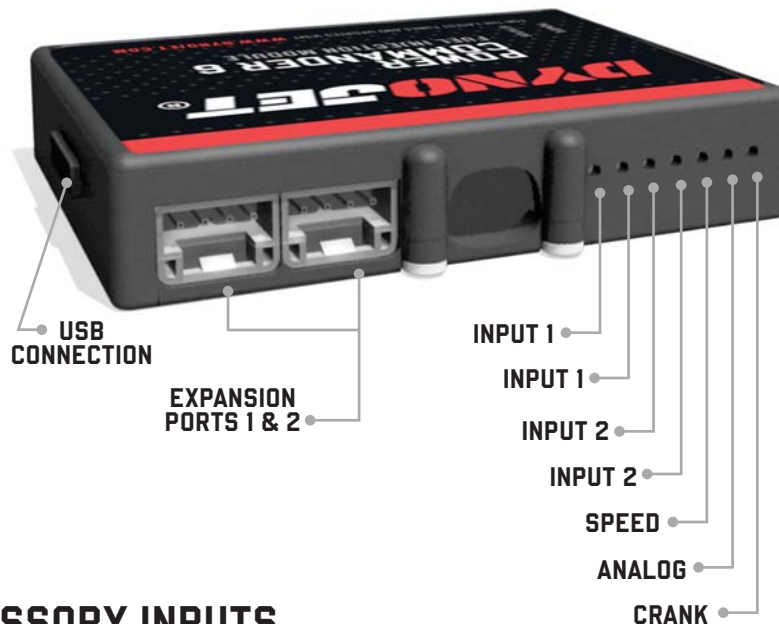
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-16072.01



INPUT ACCESSORY GUIDE



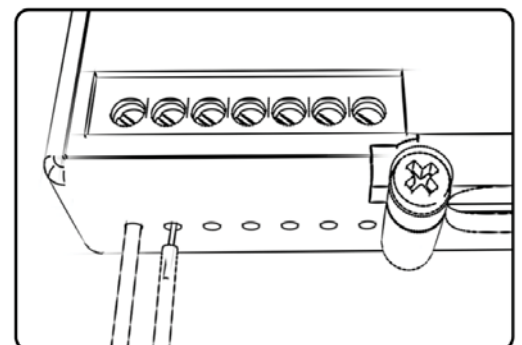
OPTIONAL ACCESSORY INPUTS

- 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

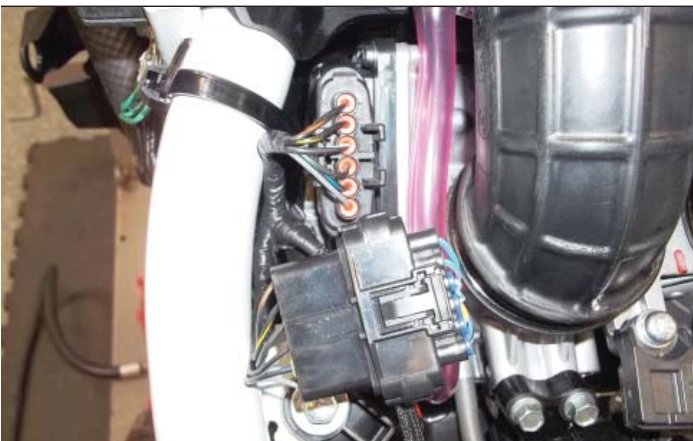


- 1 Remove the seat and fuel tank.
- 2 Lay the PC6 in the tail section.
- 3 Route the PC6 harness along the left side of the motorcycle.



- 4 Unplug the stock wiring harness from the Throttle Body Servo.

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



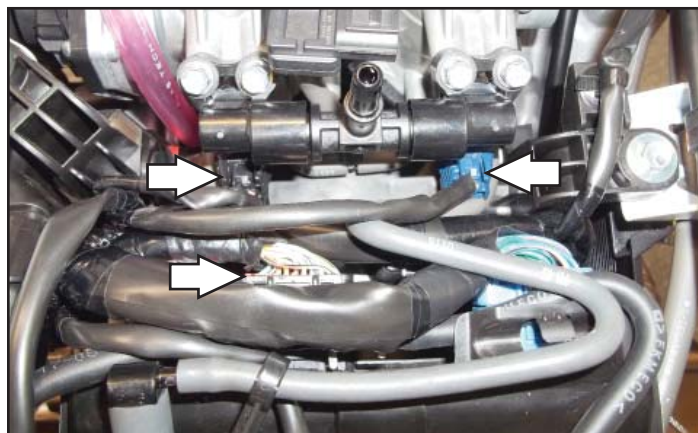
- 5 Plug the PC6 wiring harness in-line of the Throttle Body Servo and the stock wiring harness.

- 6 Secure the PC6 ground wire with the small ring terminal to the common ground bolt on the left side of the frame.



- 7 Unplug both fuel injectors.

- 8 Unplug the BLACK connector from the bike's ECM.



- 9 Plug the PC6 wiring harness in-line of both fuel injectors and the stock wiring harness.

The PC6 connectors with ORANGE colored wires will go in-line of the LEFT injector.

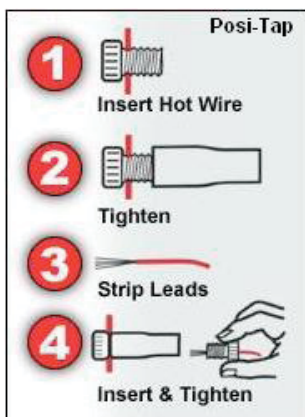
The PC6 connectors with YELLOW colored wires will go in-line of the RIGHT injector.

- 10 Using the supplied Posi-taps attach the unterminated crank wires from the PC6 to the stock wires on the BLACK ECM connector.



PC6 WHITE/BROWN to YELLOW (pin #7).

PC6 BROWN/WHITE to WHITE/YELLOW (pin #28).





- 11 Plug the BLACK ECM connector back on to the ECM after attaching the PC6 wires.
- 12 Secure the PC6 module in the tail section with the supplied Velcro.

Clean surfaces with the alcohol swab before attaching the Velcro.
- 13 Reinstall the fuel tank and seat.
- 14 Affix the supplied CARB E.O. label to a conspicuous area. The best location is next to the original emissions label. Make sure to clean the surface before attaching the label.

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



**PUSH
THE
LIMIT**

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