

POWER COMMANDER 6

Install guide for: PC6-16085

Model coverage for:
2020 Honda CRF1100L Africa Twin

PARTS LIST



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| 2 | DYNOJET DECALS | 1 | EO LABEL |

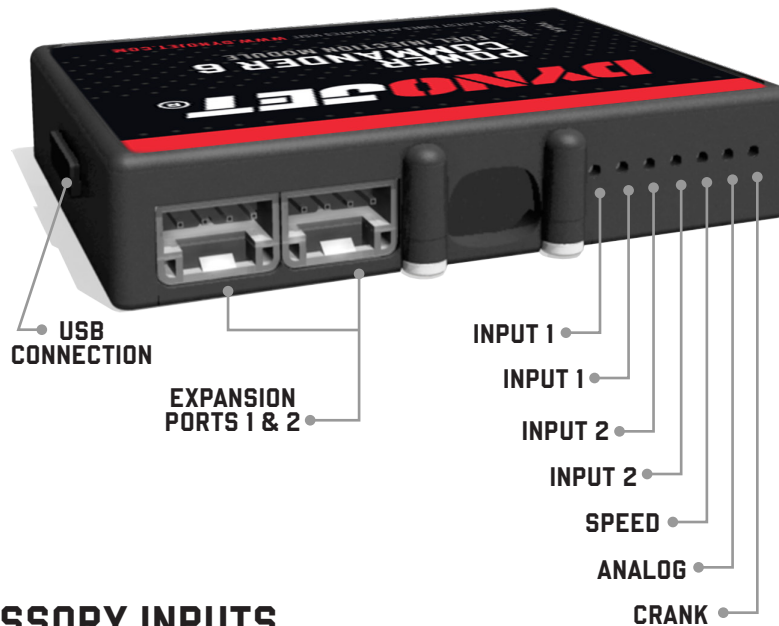
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-16085.01



INPUT ACCESSORY GUIDE



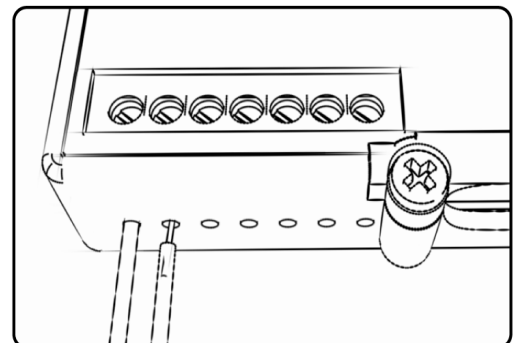
OPTIONAL ACCESSORY INPUTS

- 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.

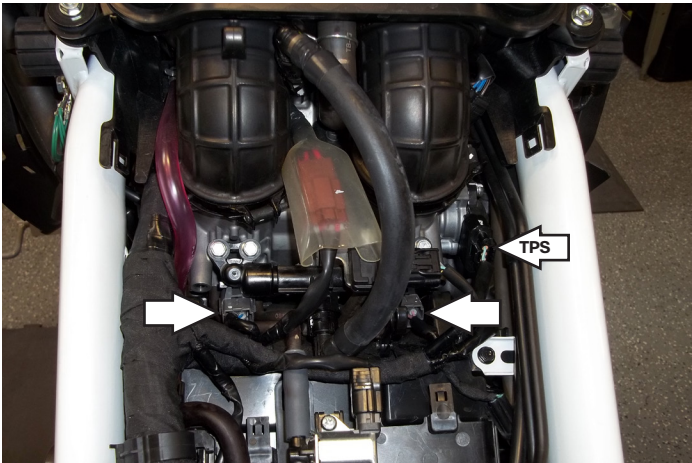


INSTALLING THE POWER COMMANDER 6



- 1 Remove the seat, side panels and fuel tank.
- 2 Secure the PC6 to the inner rear fender underneath the seat. Use the supplied Velcro to secure the module in place.

Make sure to use the supplied alcohol swab to clean the surface before attaching.
- 3 Route the PC6 harness along the frame going towards the engine.



- 4 Unplug the stock wiring harness from the fuel injectors.
- 5 Unplug the stock wiring harness from the Throttle Position Sensor.

The TPS is on the right side of the throttle bodies.



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

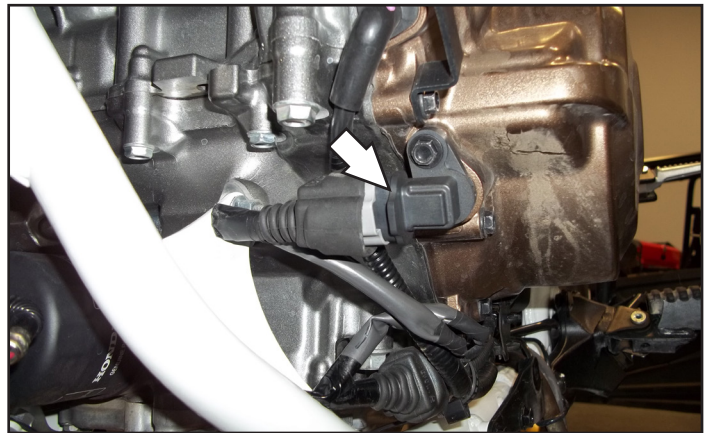
PC6 ORANGE wires - cylinder #1 (left).
PC6 YELLOW wires - cylinder #2 (right).
- 7 Connect the PC6 in-line of the TPS and wiring harness.

- 8 Attach the ring lug of the PC6 to the common ground location on the left hand side of the frame.



- 9 Unplug the stock wiring harness from the Crank Position Sensor.

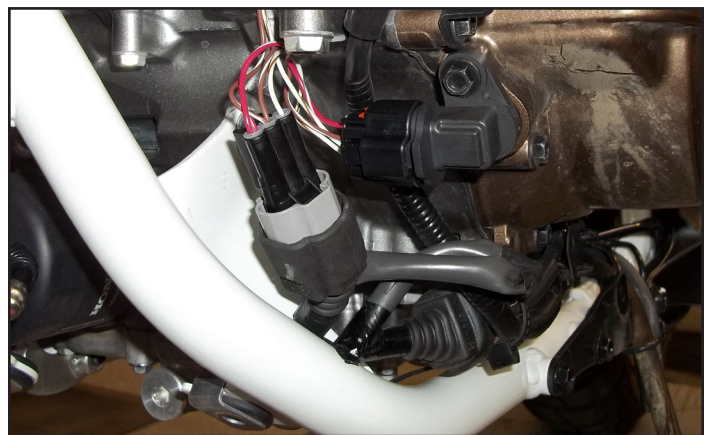
This connector is on the front of the LH engine side cover.



- 10 Connect the PC6 in-line of the stock wiring harness and CPS.

- 11 Affix the supplied CARB E.O. label to a conspicuous area. Next to the original emissions label is the preferred location. Make sure to clean the surface before attaching.

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





PUSH THE LIMIT

2191 MENDENHALL DRIVE, NORTH LAS VEGAS, NV 89081 - 800-992-4993 - [DYNOJET.COM](https://www.dynojet.com)
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