

POWER COMMANDER 6

Install guide for: PC6-16088

Model coverage for:
2021-2022 Honda Grom

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 | | |

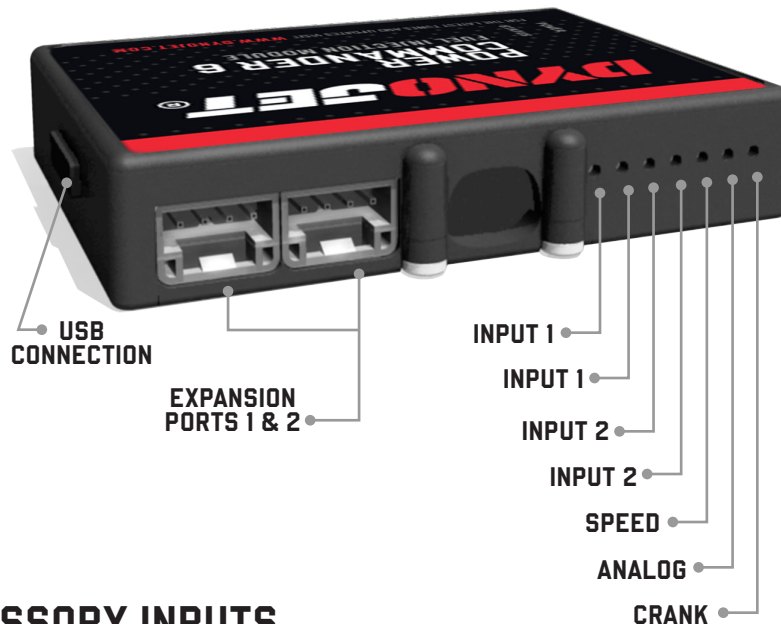
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-16088.01



INPUT ACCESSORY GUIDE



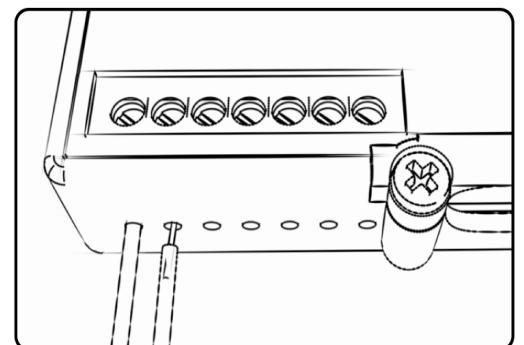
OPTIONAL ACCESSORY INPUTS

- 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.

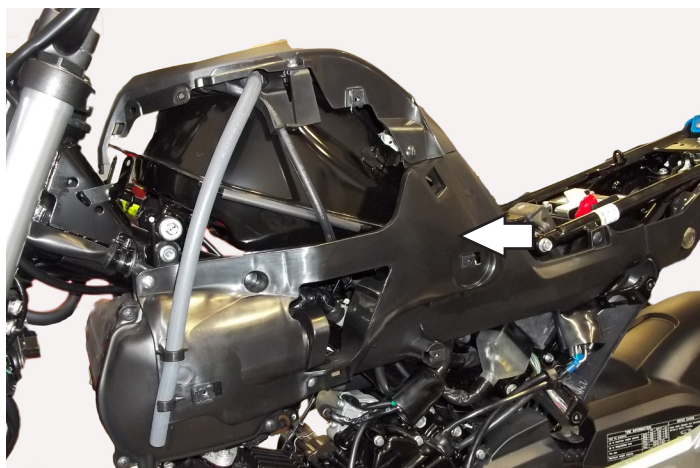
NOTE: If you tin the wires with solder it will make inserting them easier.



INSTALLING THE POWER COMMANDER 6



- 1 Remove the seat, and side panels from both sides.



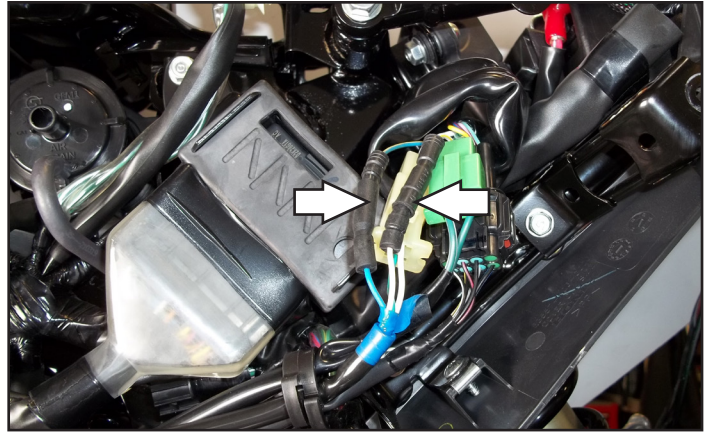
- 2 Remove the inner panel from each side of the fuel tank.



- 3 Install the PC6 in the tail section.
- 4 Route the PC6 harness down the left side of the frame going towards the throttle body.
- 5 Attach the ground wire of the PC6 to the negative (-) side of the battery.

- 6 Locate the crank position sensor wires and unplug them.

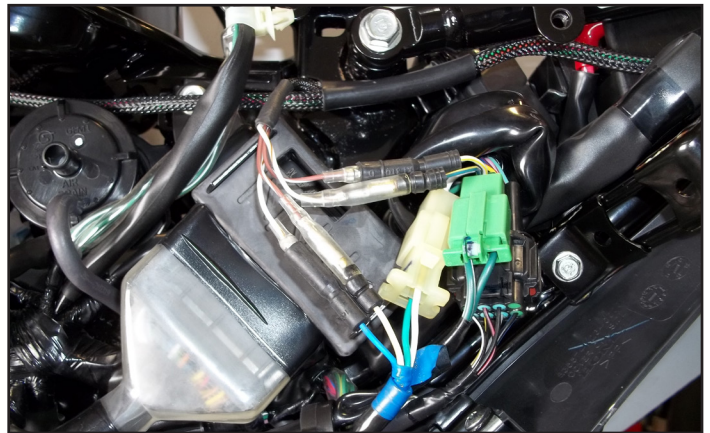
The CPS wires are located on the left side of the bike next to the ECU. They are located within a rubber boot and will be the only 2 bullet type connectors.



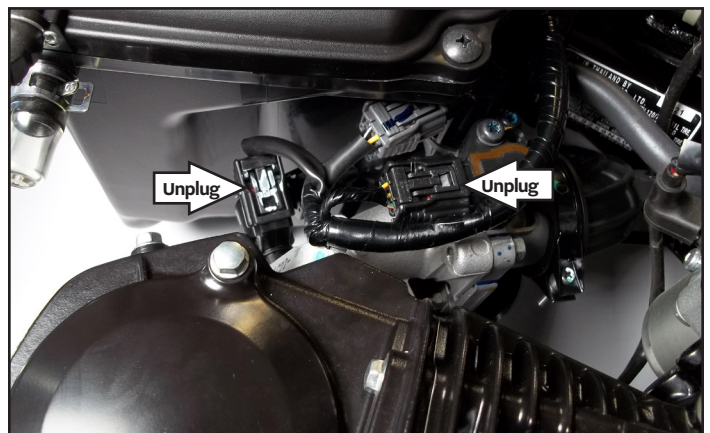
- 7 Plug the PC6 in-line of the CPS wires.

PC6 BRN/WHT wire to stock WHT/YEL - WHITE

PC6 WHT/BRN wire to stock GRN/YEL - BLUE

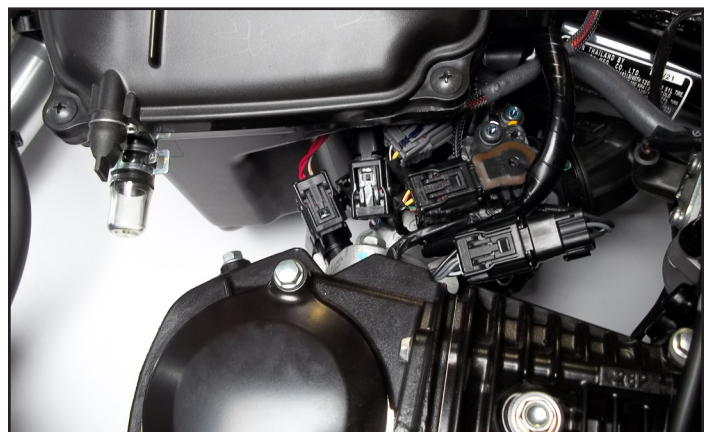


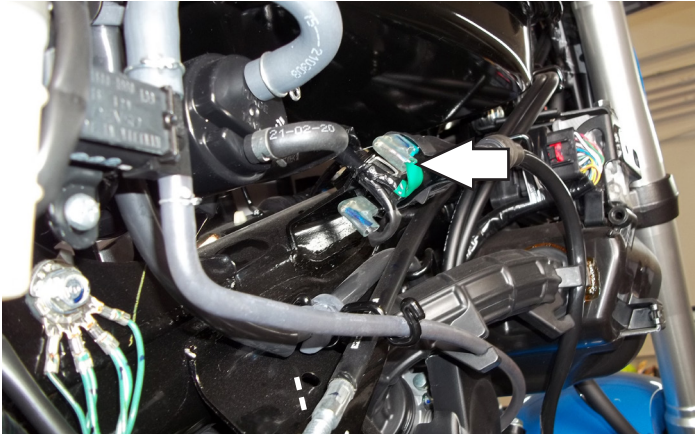
- 8 Unplug the stock wiring harness from the injector and Throttle Position Sensor



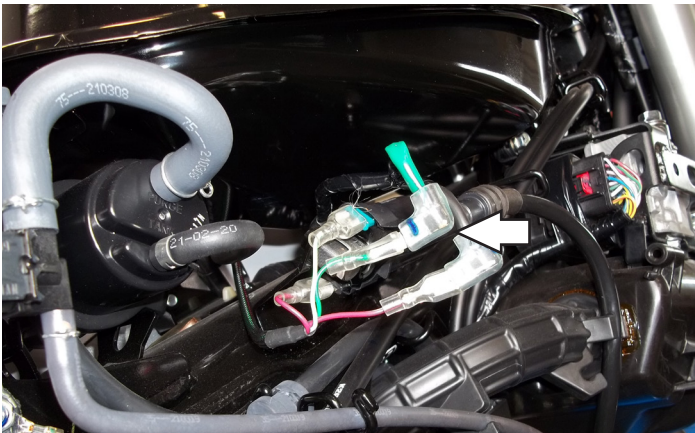
- 9 Plug the PC6 in-line of the stock injector and wiring harness.

- 10 Plug the PC6 in-line of the stock TPS and wiring harness.





- 11 Route the rest of the PC6 harness over to the right side of the motorcycle.
- 12 Unplug the stock wiring harness from the ignition coil.



- 13 Connect the PC6 in-line of the stock ignition coil and wiring harness.
PC6 GREEN wires go to stock GREEN tab of coil
PC6 RED wires go to stock BLACK tab of coil
- 14 Reinstall bodywork



PUSH THE LIMIT

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

© 2020-2021 DYNOJET RESEARCH ALL RIGHTS RESERVED