POWER COMMANDER 6

Installation Guide for: PC6-15001

Model coverage: 2007-2009 Harley Davidson Sportster 883 models

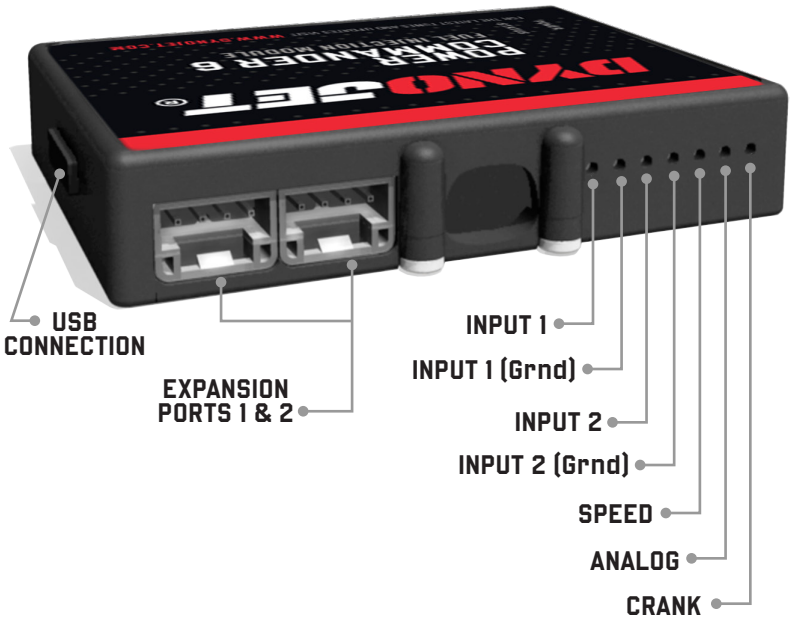
PARTS LIST

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1	INSTALLATION GUIDE	1	ALCOHOL SWAB
1	USB CABLE	1	ZIP TIE
2	DYNOJET DECALS	1	EO FRAME LABEL
2	POWER COMMANDER DECALS		

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

IPC6-15001.02

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 Not needed on Harley applications as the speed signal wire is built into the main wiring harness of the PC6.

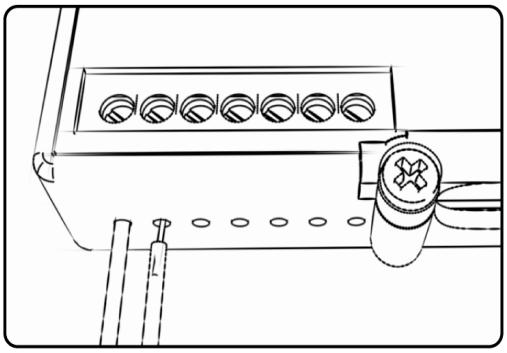
Analog This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the Power Core software.

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.

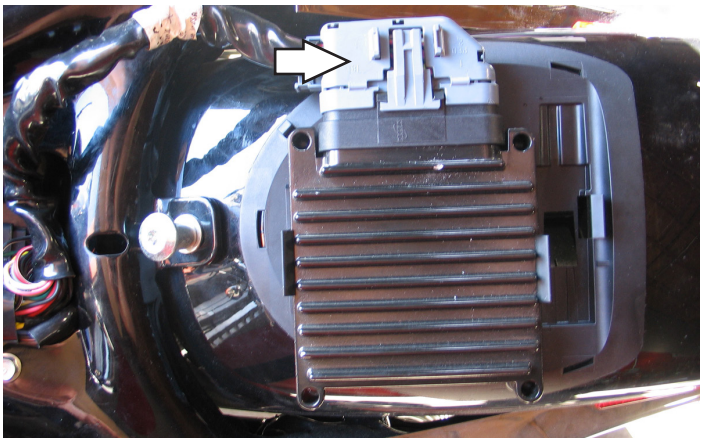
WIRE CONNECTIONS

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 is 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



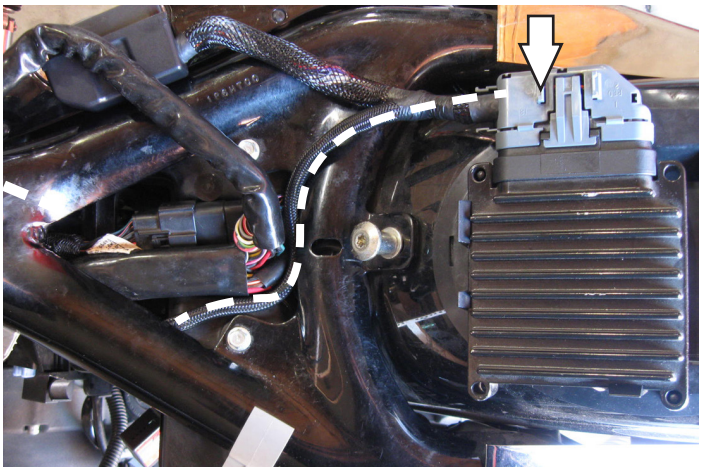
WARNING! **This install is intended to be used with the stock seat. This install may NOT work with aftermarket seats.**

1 Remove the stock seat.

2 Remove the left hand side cover.

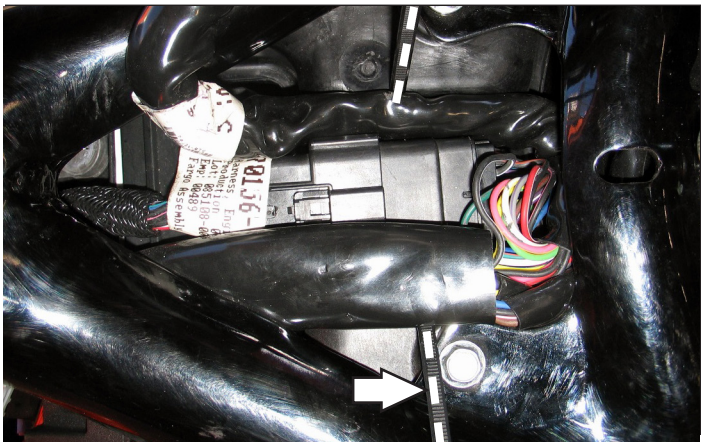
3 Remove the battery.

4 Unplug the stock wiring harness from the ECM.



5 Connect the GREY connector of the PC6 to the stock ECM.

6 Route the PC6 underneath the left hand side of the frame.



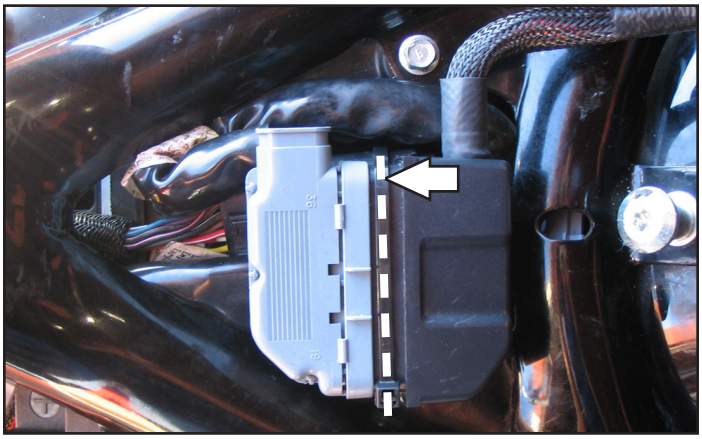
7 Run a zip tie behind the wiring harness.

8 Route the stock wiring harness as shown. Due to the lack of room on this bike this step needs to be exact or the install will not fit properly.

Make sure that the harness coming from the GREY connector is flush against the battery box. A couple inches of this harness will be tucked underneath the frame.

9 Plug the BLACK connector from the PC6 into the stock wiring harness.

10 Secure these connectors to the stock wiring harness with the zip tie.

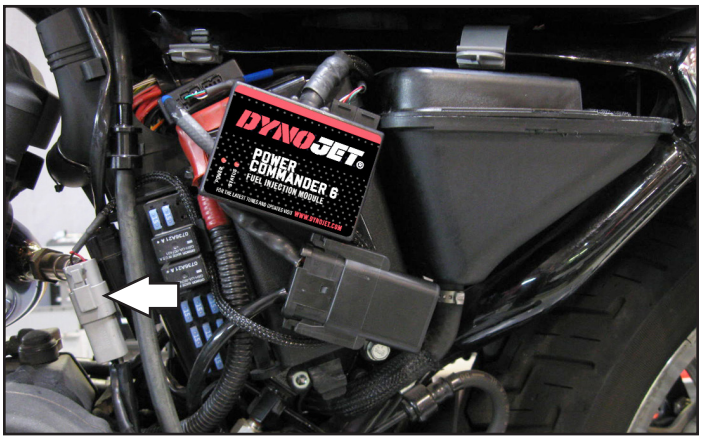


11 Reinstall the battery.

12 Relocate the diagnostic connector to the front of the fuse box.

13 Using the supplied Velcro, attach the PC6 to the side of the battery.

Make sure to use the supplied alcohol swab to clean both surfaces before attaching the Velcro.



14 Reinstall the seat and side cover.

15 Affix the supplied CARB E.O label to a conspicuous area. The best location is next to the stock emissions label. Make sure to clean the surface before attaching.

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

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