

# POWER COMMANDER 6

Installation Guide for: PC6-15005

Model coverage: 2006-2011 Harley Davidson  
Dyna models with 96" / 110" Twin Cam

## 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     | 5 | ZIP TIE                |

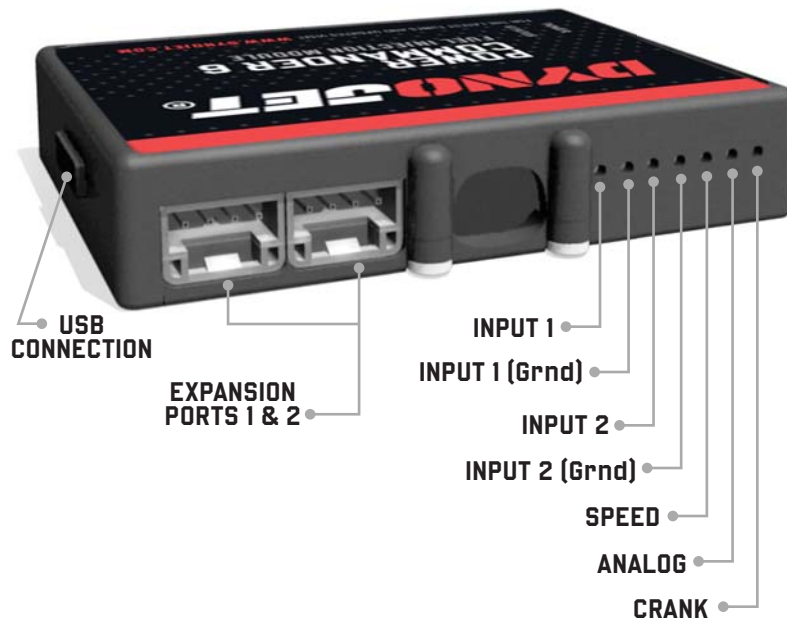
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.  
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-15005.01

**POWER COMMANDER 6**

# INPUT ACCESSORY GUIDE



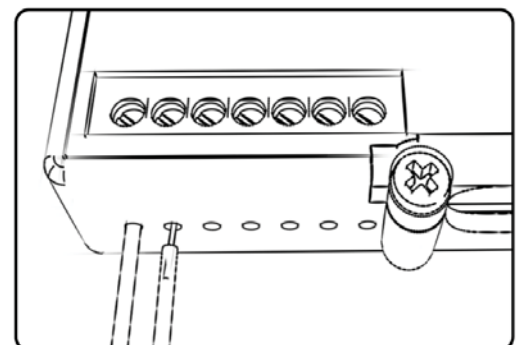
## OPTIONAL ACCESSORY INPUTS

- 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 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.

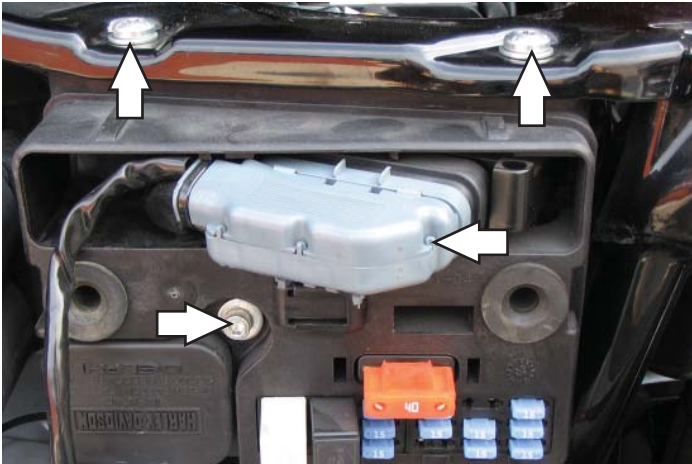


# INSTALLING THE POWER COMMANDER 6



REMOVE SIDE COVER

- 1 Remove the seat
- 2 Remove the left hand side cover.



UNPLUG ECM

- 3 Unplug the stock wiring harness connector from the ECM.
- 4 Move the data plug out of the way to access the bolt.
- 5 Remove the three bolts that hold the electrical box in place.



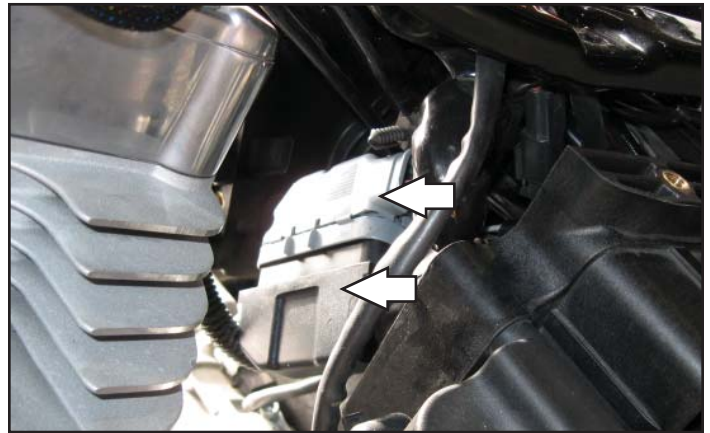
ROUTE STOCK HARNESS

- 6 Slide the plastic box out from the frame.
- 7 Route the stock connector through to the back side of the electrical box.

- 8 Lay the PC6 in the opening of the frame under the seat and route the harness underneath the frame and into the back of the battery box.
- 9 Route the GREY connector from the PC6 through the back of the electrical box and plug it into the ECM.



- 10 Connect the stock wiring harness to the BLACK connector of the PC6.
- 11 Zip tie these connectors to the front side of the electrical box. Make sure they are situated away from the rear exhaust pipe.
- 12 Reinstall the electrical box using the stock bolts.



- 13 Install the PC6 in the opening of the frame under the seat. You can use the supplied Velcro or a zip tie to secure the unit if desired.
- 14 Reinstall the side cover and the 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**

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