

# POWER COMMANDER 6

Installation Guide for: PC6-15015

Model coverage: 2009-2012 Harley Davidson XR1200

## PARTS LIST



- |   |                    |   |                        |
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| 1 | POWER COMMANDER 6  | 2 | POWER COMMANDER DECALS |
| 1 | INSTALLATION GUIDE | 2 | VELCRO STRIPS          |
| 1 | USB CABLE          | 1 | ALCOHOL SWAB           |
| 2 | DYNOJET DECALS     | 1 | EO FRAME LABEL         |

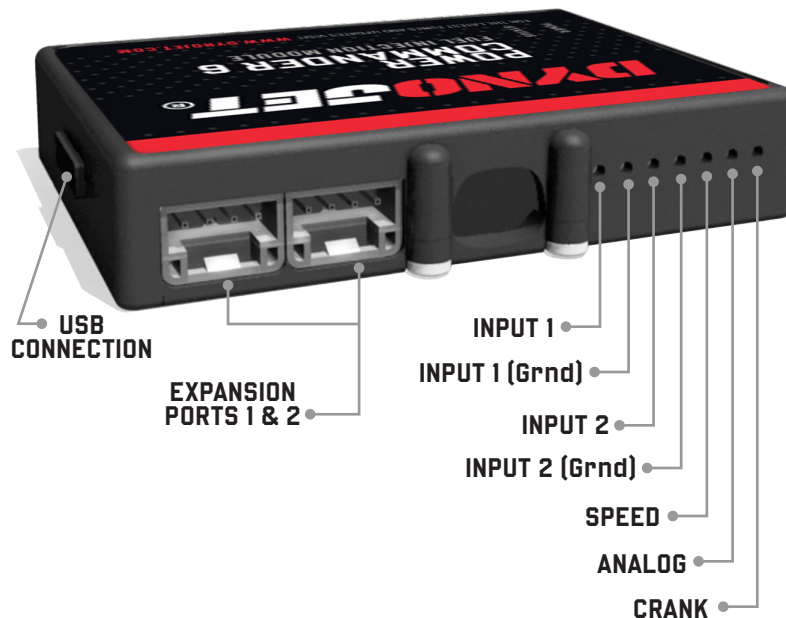
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.  
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-15015.02



# INPUT ACCESSORY GUIDE



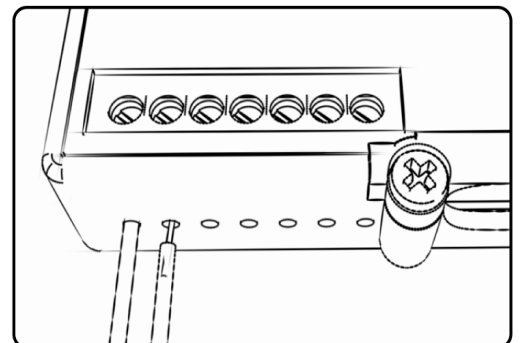
## OPTIONAL ACCESSORY INPUTS

- 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.

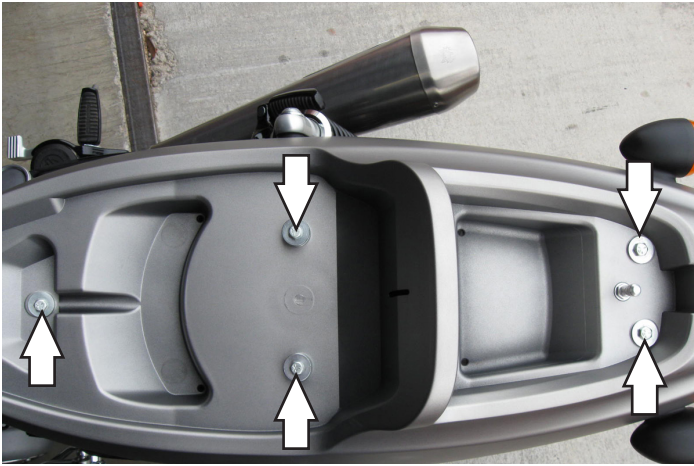
## WIRE CONNECTIONS

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 it stops and then tighten the screw. Make sure to reinstall the rubber plug.

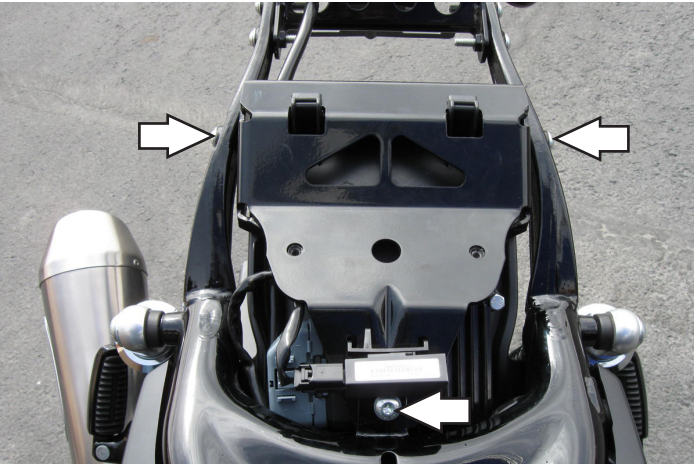
NOTE: If you tin the wires with solder it will make inserting them easier.



# INSTALLING THE POWER COMMANDER 6

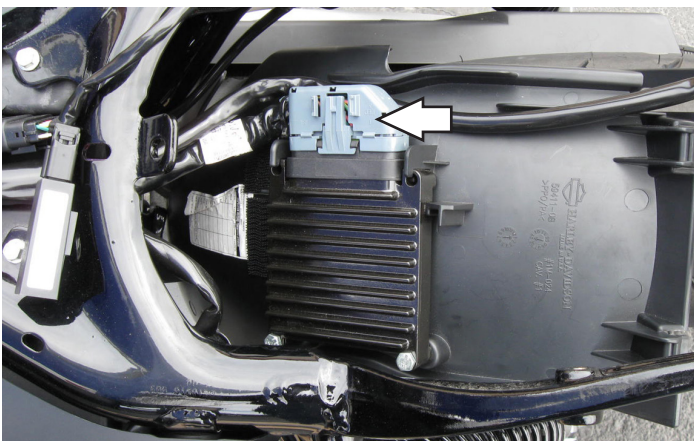


- 1 Remove the seats.
- 2 Remove the tail section by removing the five bolts.



- 3 Remove the bracket that holds the ECM tray to the frame by removing the three bolts shown. There is a fourth bolt at the bottom of the plastic tray located in front of the rear tire.

*Slide the plastic tray out of the bracket and remove the bracket*

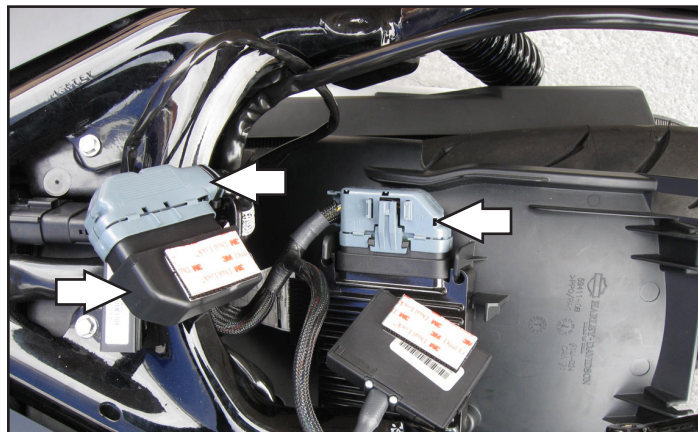


- 4 Unplug the stock wiring harness from the ECM.

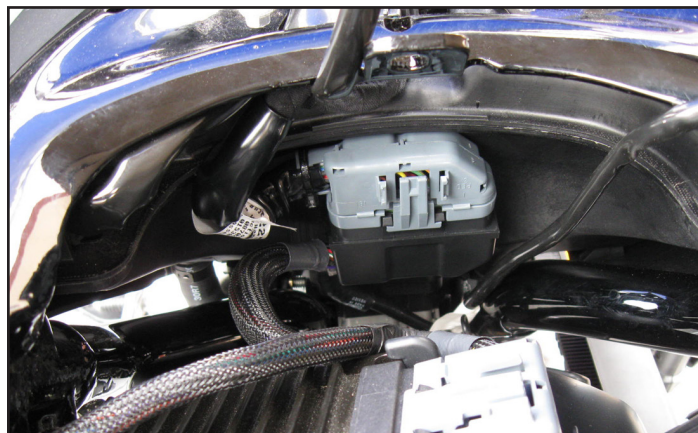
- 5 Connect the PC6 in-line of the stock wiring harness and ECM.

- 6 Using the supplied Velcro, attach a piece to the back side of the PC6/stock harness connection and another piece to the back of the PC6 module.

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



- 7 Secure the PC6/stock harness connection as shown.



- 8 Secure the PC6 module to the plastic tray just in front of the ECM.

- 9 Reinstall the plastic tray to the bracket and install the bracket.

*To make future adjustments to the PC6 easier, plug the USB cable into the PC6 module and route the other end of the cable where it can be easily accessed.*

- 10 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.



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