POWER COMMANDER 6

Installation Guide for: PC6-15018

Model coverage: 2014-2020 Harley Davidson Sportster 1200 models

PARTS LIST

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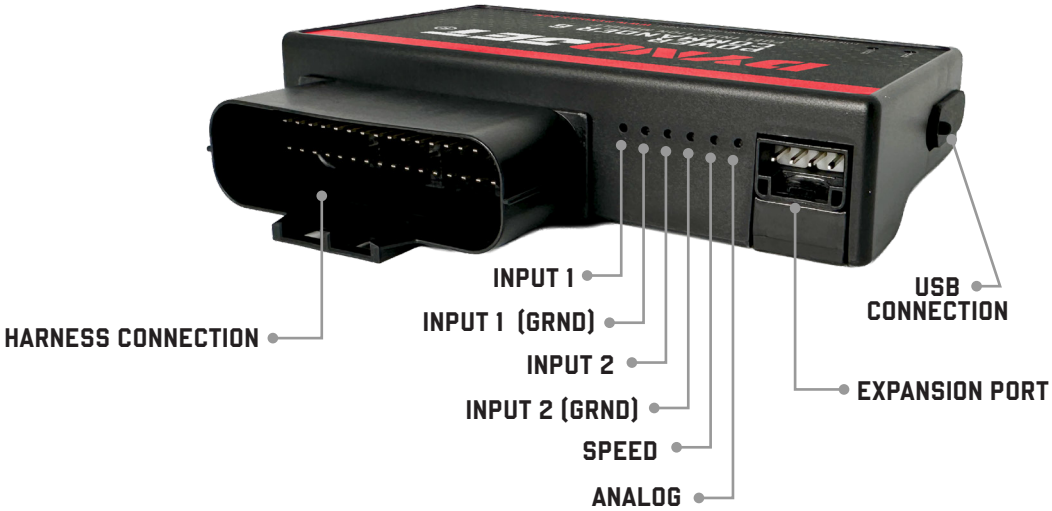
1	USB CABLE	1	ALCOHOL SWAB
2	DYNOJET DECALS	1	EO FRAME LABEL

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

PC6-15018.03

INPUT ACCESSORY GUIDE—NEW PC6



INSTALLATION—HARNESS CONNECTION

Route the PC6 harness following the instructions in this guide. To complete installation, click the harness and module together and secure the PC6 in the location as described.

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.

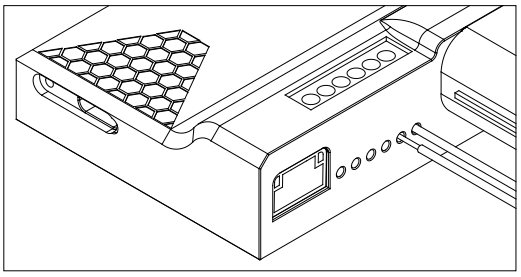
Analog This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the Power Core software.

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.

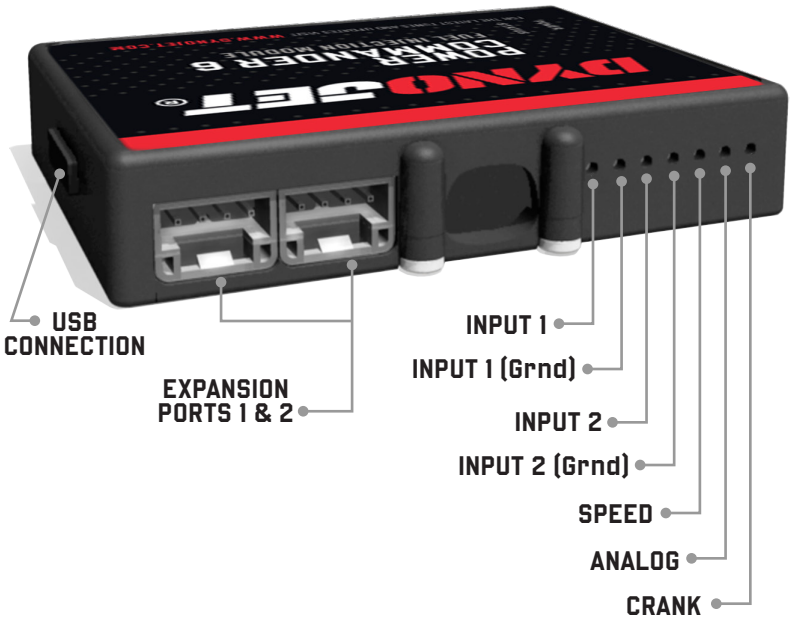
WIRE CONNECTIONS

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.



INPUT ACCESSORY GUIDE



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

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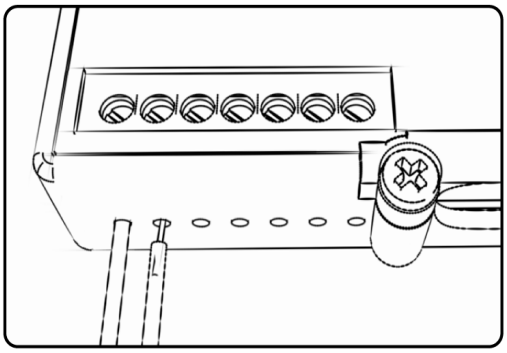
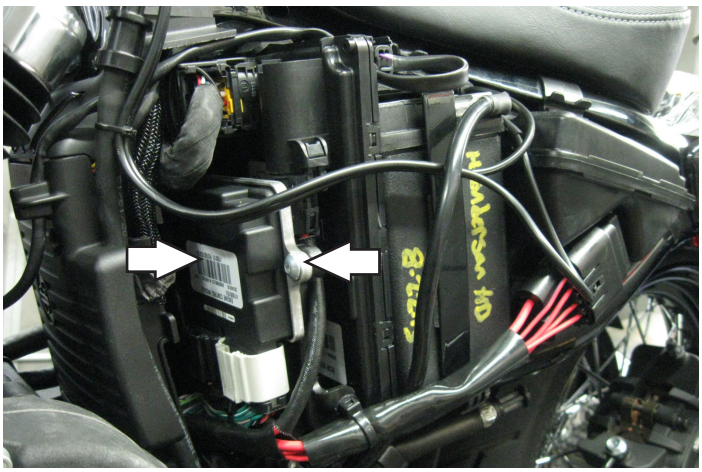


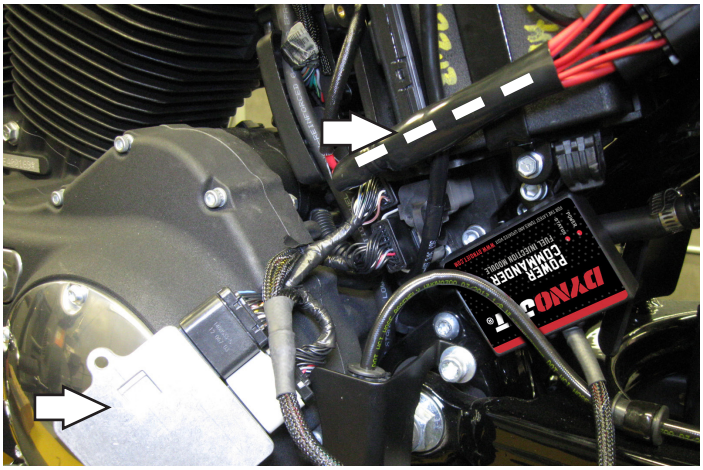
INSTALLING THE POWER COMMANDER 6



1 Remove the left side cover.

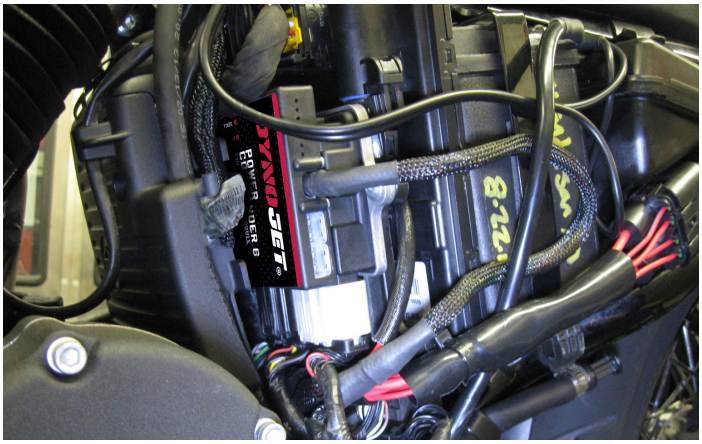
2 Remove the single bolt holding the ECM in place.

3 Unplug and remove the ECM.



4 Push the stock ECM connectors below the stock fuse harness.

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



6 Bolt the ECM back into place.

7 Using the supplied Velcro, secure the PC6 module to the ECM.

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

8 Reinstall the left side cover.

9 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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TRUTH IN PERFORMANCE

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