POWER COMMANDER 6

Installation Guide for: PC6-15023

Model Coverage: 2012-2017 Harley Davidson V-Rod

PARTS LIST

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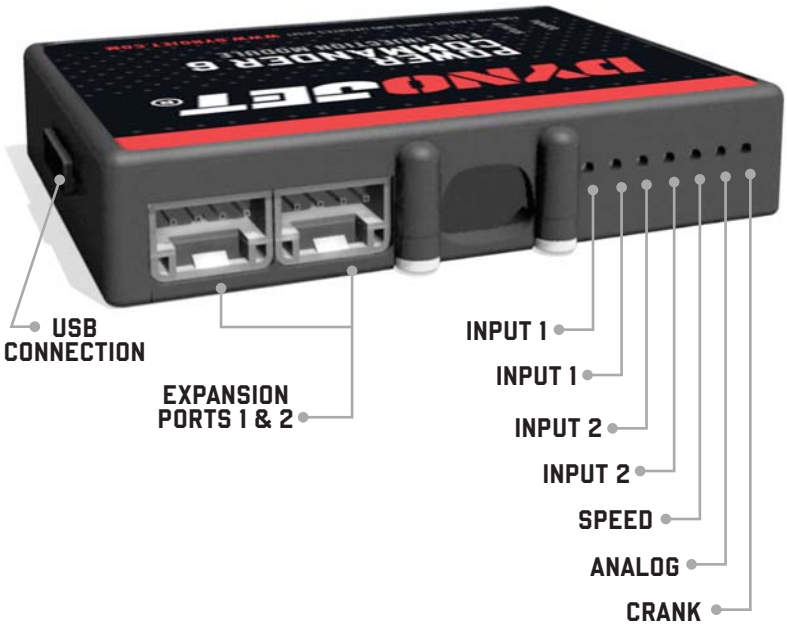
1	USB CABLE	1	ALCOHOL SWAB
2	DYNOJET DECALS	1	ZIP TIE

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

IPC6-15023.01

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 quick shifter.

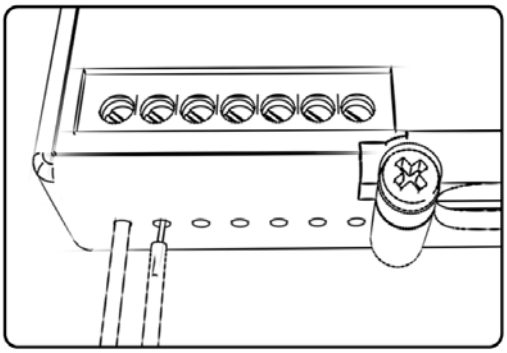
Analog This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the Power Core software.

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.

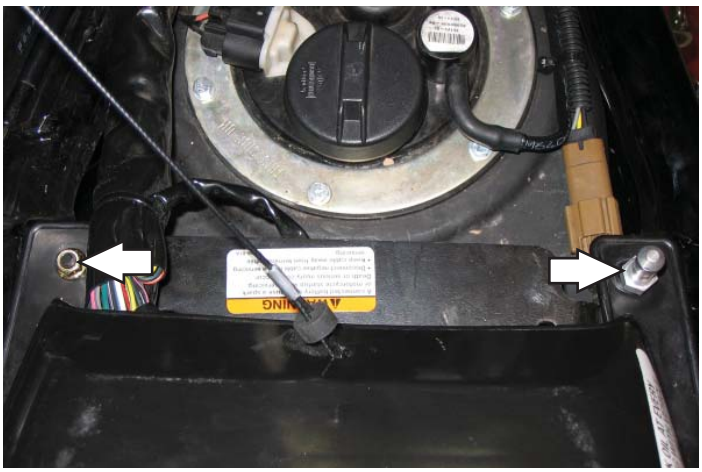
WIRE CONNECTIONS

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.

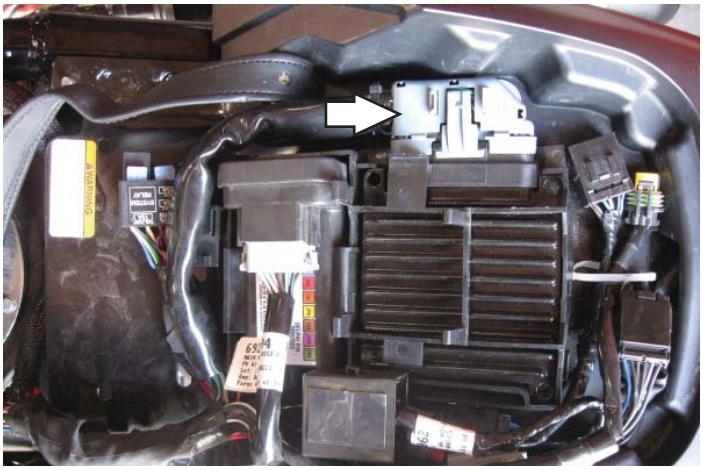


INSTALLING THE POWER COMMANDER 6

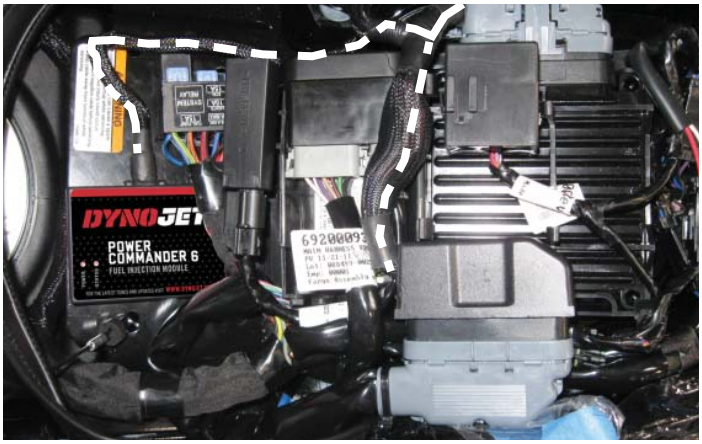


1 Remove the seat.

2 Remove the two bolts that hold on the rear fender cover.



3 Unplug the stock wiring harness from the ECM.



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

5 Route the harness as shown.

6 Using the supplied zip tie, secure the connectors in place.

7 Install the rear fender cover.

8 Using the supplied Velcro, secure the PC6 in place.

Make sure to use the alcohol swab to clean the surface before attaching.

10 Reinstall the seat.

USE THE FOLLOWING INSTRUCTIONS WHEN INSTALLING THE AUTOTUNE KIT P/N AT-100B.

1 Lift the main seat up. Remove the rear fender cover.

2 Using the supplied Velcro, install the Autotune module on top of the PC6 module.

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

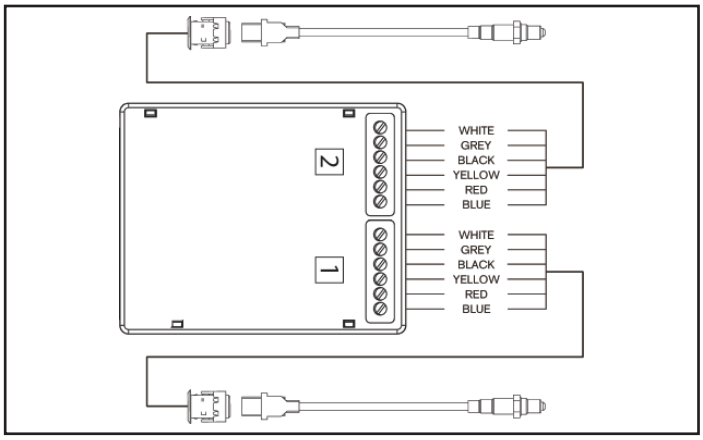
3 Remove the right hand side cover by the steering stem.

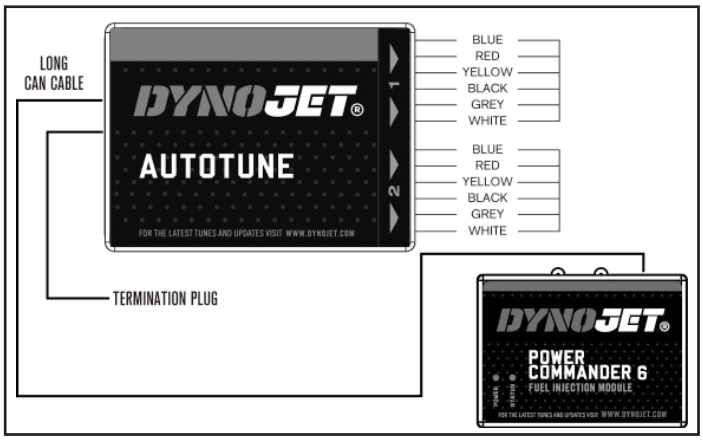
4 Remove the rubber plug for the diagnostic connector. Using the OPTIONAL (PN 76950159) V-rod extension lead, plug one end of the lead into the stock diagnostic connector.

5 Route the Autotune harness along the right side of the air box and plug the other end into the Autotune kit.

ATTENTION

If you do not have the OPTIONAL (PN 76950159) Power Extension Lead cut off the connector from the Autotune module. Connect the RED wire to a switched 12v source. Connect the BLACK wire to Ground.





6 Install the Autotune wideband O2 sensors into the exhaust pipes. For a more detailed explanation, see the Autotune install guide.

The stock O2 sensors will remain installed and actively working. The 18mm O2 sensor bungs provided in the Autotune kit will need to welded into the exhaust.

7 Connect the longer harness to the front O2 sensor. Route the harness along the front down tube and along the backbone of the frame to the Autotune module. Wire the harness to the #1 input on the module. The harness can be cut to length if desired.

8 Repeat step 7 for the rear cylinder. Wire the harness to Autotune Module sensor input #2. The harness can be cut to length if desired.

9 Use the CAN link cable to connect the Autotune module to the PC6 module. It does not matter what ports are used.

10 Secure the harnesses in place as to not contact the exhaust.

11 Reinstall the seat, rear fender cover, and side cover.

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

PUSH THE LIMIT

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