

POWER COMMANDER 6

Installation Guide for: PC6-15041

Model Coverage: 2016-2017 Harley Davidson 110" Dyna S

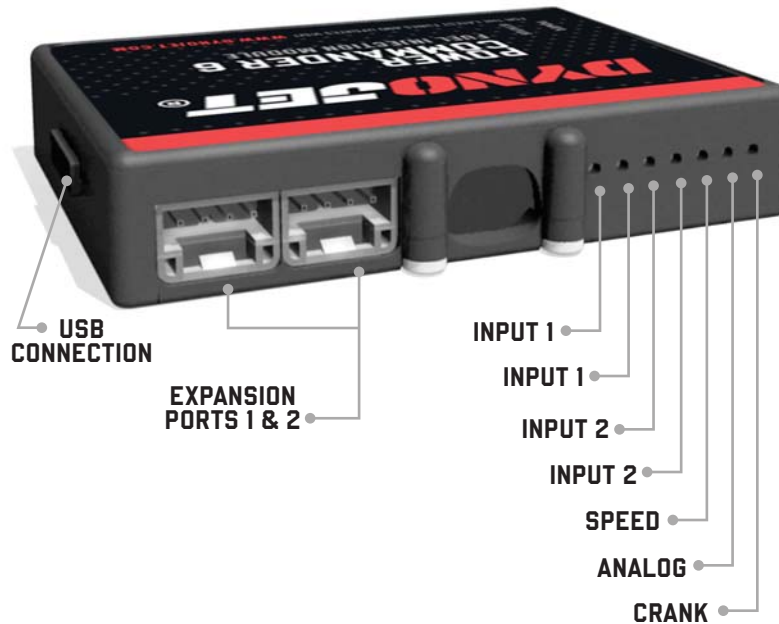
PARTS LIST

- | | |
|----------------------|--------------------------|
| 1 POWER COMMANDER 6 | 2 POWER COMMANDER DECALS |
| 1 INSTALLATION GUIDE | 2 VELCRO STRIPS |
| 1 USB CABLE | 1 ALCOHOL SWAB |
| 2 DYNOJET DECALS | 2 ZIP TIES |

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



INPUT ACCESSORY GUIDE



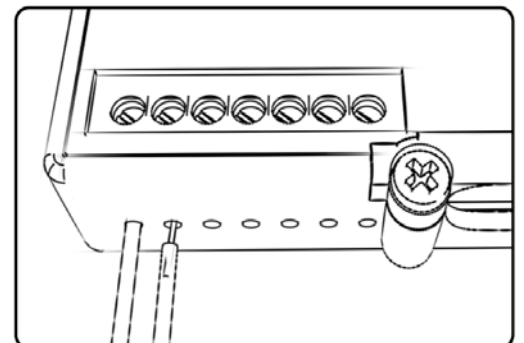
OPTIONAL ACCESSORY INPUTS

- 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.

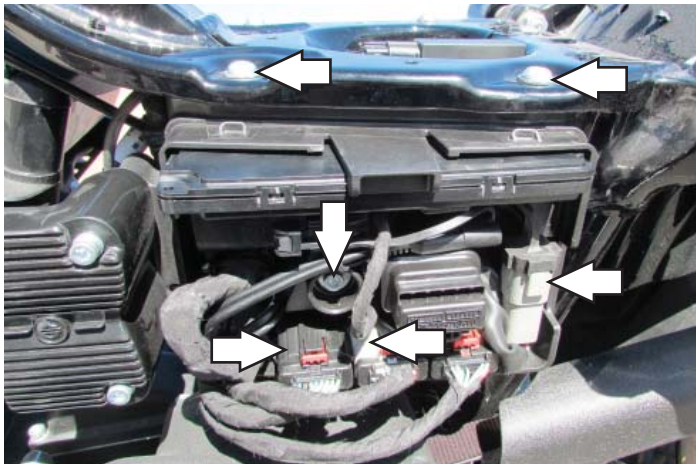
WIRE CONNECTIONS

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.

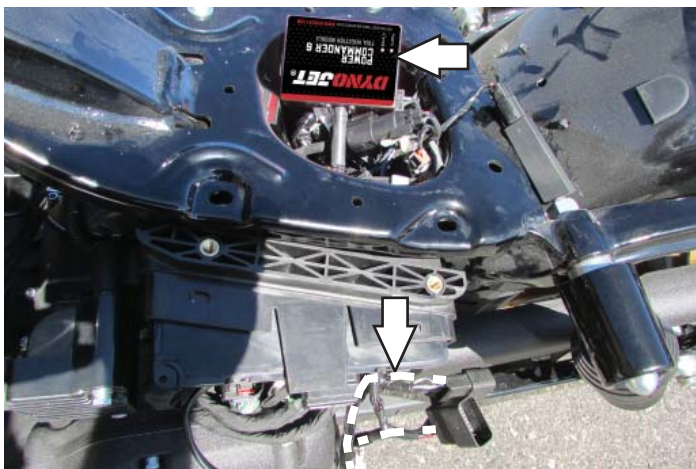
NOTE: If you tin the wires with solder it will make inserting them easier.



INSTALLING THE POWER COMMANDER 6



- 1 Remove the seat.
- 2 Remove the left hand side cover.
- 3 Unplug the stock BLACK and GREY connectors from the ECU.
- 4 Loosen the electrical box by removing the two bolts at the top and the 1 bolt through the side.



- 5 Route the PC6 wiring harness from the hole in the frame under the seat, through the top of the electrical box into the left side cover area.



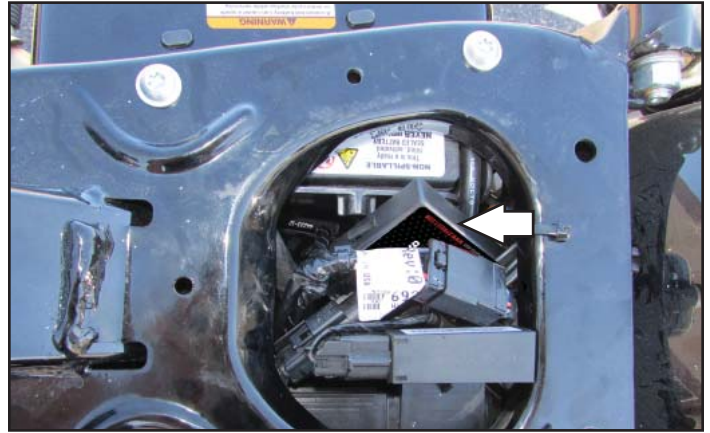
- 6 Plug the PC6 wiring harness in-line of the ECU and the stock BLACK and GREY connectors.

These connectors are indexed such that the PC6 can not be plugged in incorrectly.

- 7 Secure the electrical box by reinstalling the three bolts removed in step 4.
- 8 Use the zip ties to secure the extra connectors and PC6 wiring harness as close to the electrical box as possible.

This will help the cover to go back on.

- 9 Store the PC6 module below the seat in the hole of the frame.

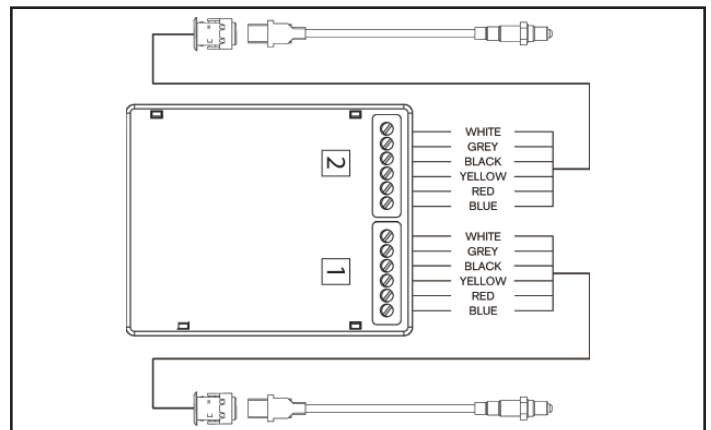


USE THE FOLLOWING INSTRUCTIONS WHEN INSTALLING THE AUTOTUNE KIT.

- 10 Install the O2 sensors into the exhaust (see 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 be welded into the exhaust.

- 11 Plug the wiring harnesses from the kit into each sensor and route the wires into the backside of the left box assembly.
- 12 Connect the CAN link cable to either expansion port of the Autotune module.
- 13 Connect the wires from the O2 sensors into the Autotune module.
- Make sure to wire the front O2 sensor into #1.**
- 14 Route the CAN link cable up to the PC6 module and connect into either of the PCV expansion ports.
- 15 Connect the power harness from the Autotune module to the bike's diagnostic port connector.
- 16 Slide the Autotune module into the cavity below the Body Control Module.
- 17 Reinstall side cover and seat.



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



**PUSH
THE
LIMIT**

2191 MENDENHALL DRIVE, NORTH LAS VEGAS, NV 89081 - 800-992-4993 - DYNOJET.COM
© 2016-2022 DYNOJET RESEARCH ALL RIGHTS RESERVED