

POWER COMMANDER 6

Installation Guide for: PC6-16025

Model coverage: 2010-2020 Honda VT1300 Models

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 | 1 POSI-TAP |

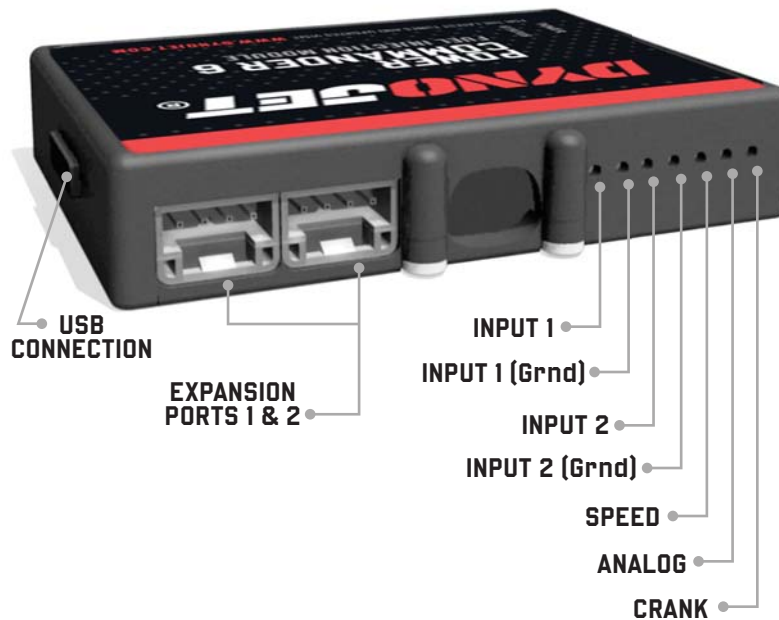
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-16025.01



INPUT ACCESSORY GUIDE



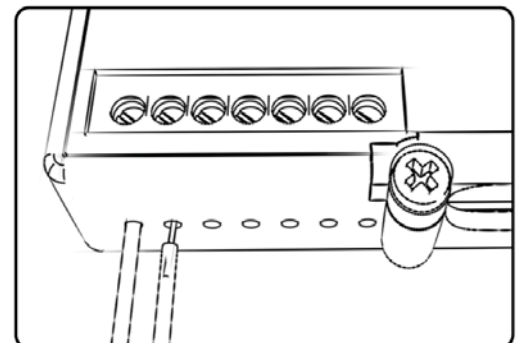
OPTIONAL ACCESSORY INPUTS

- 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** 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 seat.
- 2 Remove the left side panel below the drivers seat.
- 3 Remove the fuel tank.
- 4 Install the PC6 to the front side of the battery using the stock rubber strap to secure the unit.
- 5 Route the PC6 harness along the main wiring harness on the left side of the bike.



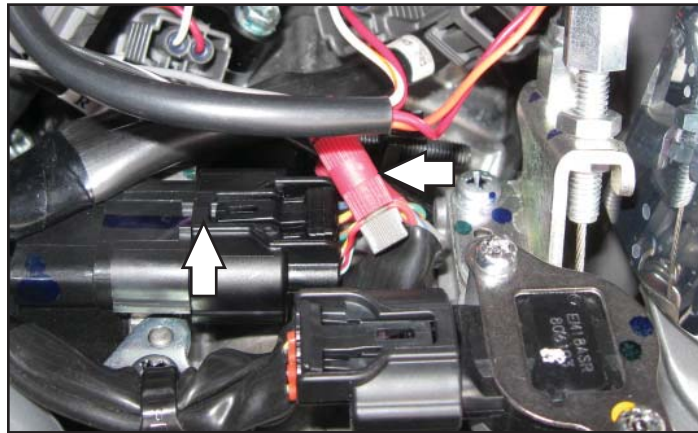
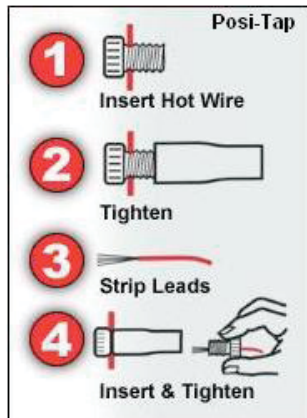
- 6 Unplug the stock wiring harness from each injector.
Pay attention to the orientation of the connectors.
"F" is front.



- 7 Connect the PC6 harness in-line of the stock wiring harness and injectors.
The ORANGE wires from the PC6 go to the front cylinder.

- 8 Using the supplied posi-tap connect the GREY wire of the PC6 to the RED/YELLOW wire of the stock Throttle Position Sensor.

The TPS connector is located near the injector connectors.



- 9 Locate the Ignition coil under the fuel tank. Unplug the stock wiring harness from the ignition coil paying attention to the wire colors.

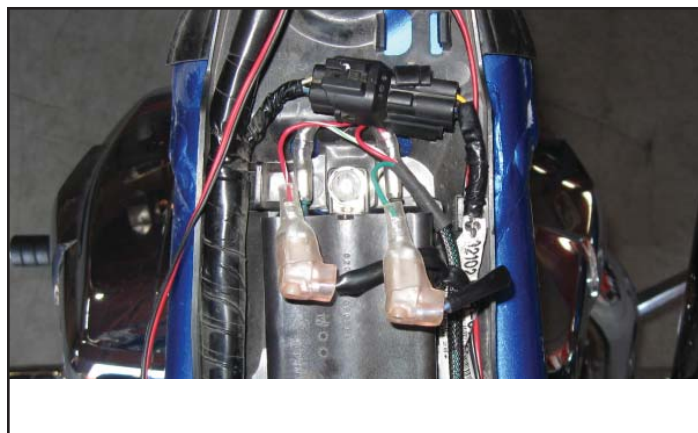
The spade terminals on the ignition coil are marked with a GREEN indicator and a BLACK indicator.



- 10 Plug the PC6 in-line of the ignition coil and stock wiring harness.

The GREEN wires of the PC6 go to the GREEN spade terminal.

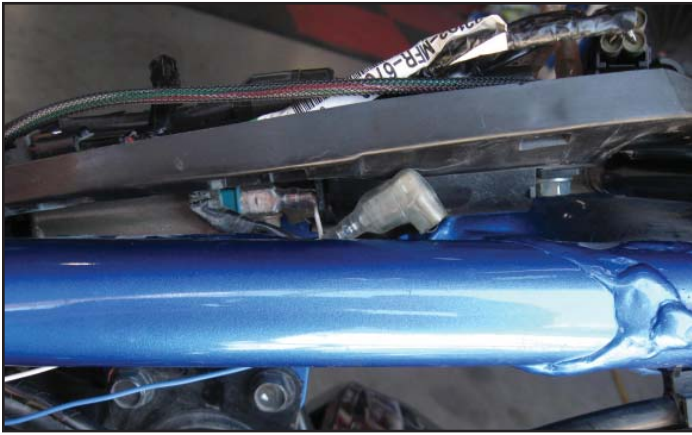
The RED wires of the PC6 go to the BLACK terminal.



- 11 Locate the Ignition coil on the bottom side of the plastic tray that holds the upper coil.

- 12 Unplug the stock wiring harness from the ignition coils GREEN spade terminal.





- 13 Plug the PC6 in-line of the ignition coil and stock wiring harness.

The BLUE wires of the PC6 go to the GREEN spade terminal.



- 14 Locate the RED, 2-pin crank position sensor connector under the left hand cosmetic engine cover on the left side of the bike.
- 15 Unplug the crank position sensor connector.



- 16 Plug the connectors from the PC6 in-line of the stock crank position sensor and wiring harness.
- 17 Reinstall engine cover making sure the PC6 wires do not get damaged.



- 18 Attach the ground wire of the PC6 to the negative side of the battery.
- 19 Reinstall bodywork and fuel tank.

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

Optional Inputs:

Speed - GREEN/YELLOW wire from speed sensor - behind the right hand mud flap. Need to remove rear fender.



**PUSH
THE
LIMIT**

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