

# POWER COMMANDER 6

Installation Guide for: PC6-23005

Model Coverage: 2011-2013 Husqvarna 449 Models



## PARTS LIST



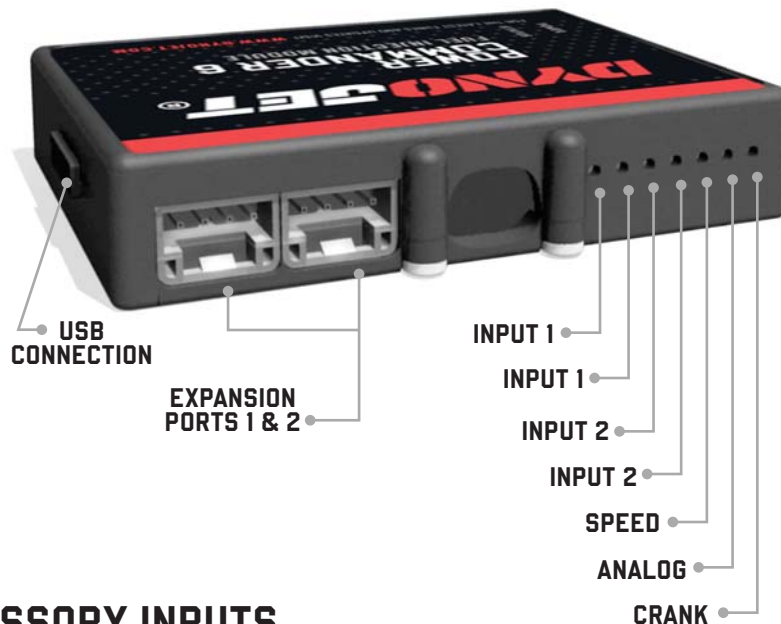
- |                      |                          |
|----------------------|--------------------------|
| 1 POWER COMMANDER 6  | 2 POWER COMMANDER DECALS |
| 1 INSTALLATION GUIDE | 2 VELCRO STRIPS          |
| 1 USB CABLE          | 1 ALCOHOL SWAB           |
| 2 DYNOJET DECALS     | 2 POSI-TAPS  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

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



IPC6-23005.01

# 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.

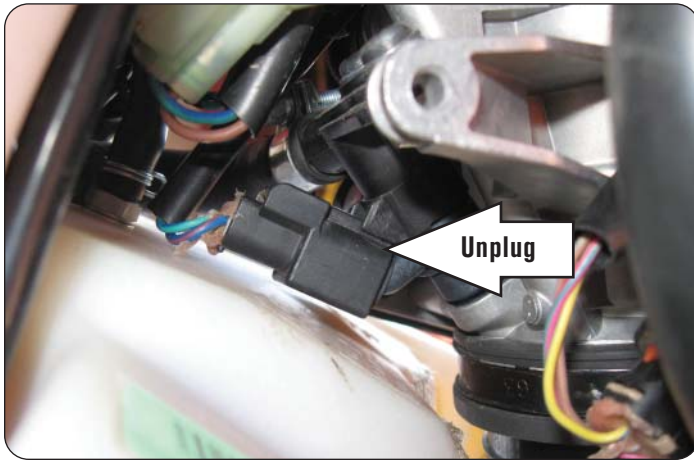
## WIRE CONNECTIONS

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.

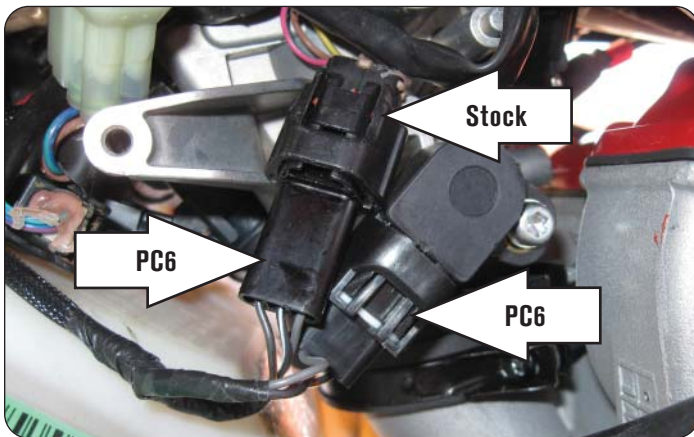
NOTE: If you tin the wires with solder it will make inserting them easier.



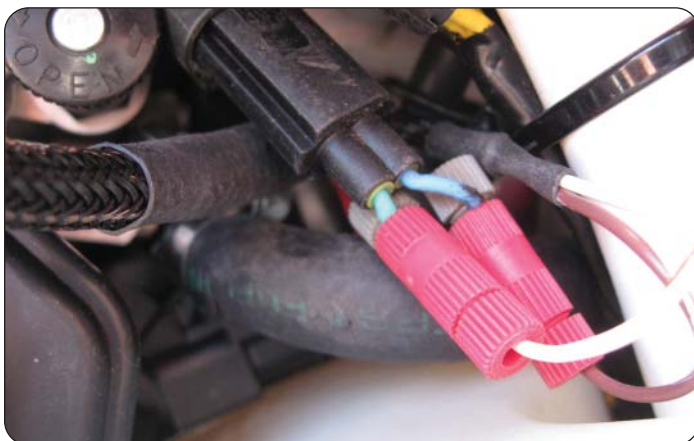
# INSTALLING THE POWER COMMANDER 6



- 1 Remove the seat and the plastic panel on the left hand side of the bike.
- 2 Route the PC6 harness from the left side of the bike and go towards the throttle body.
- 3 Unplug the stock wiring harness from the fuel injector.
- 4 Plug the PC6 connectors in-line of the fuel injector and the stock wiring harness.



- 5 Locate the stock Throttle Position Sensor on the right side of the throttle body and unplug the wiring harness from the TPS.  
  
Feed the PC6 wiring harness branch with the TPS connectors through behind the throttle body to the right hand side of the bike.
- 6 Plug the PC6 harness in-line of the stock wiring harness and the TPS.

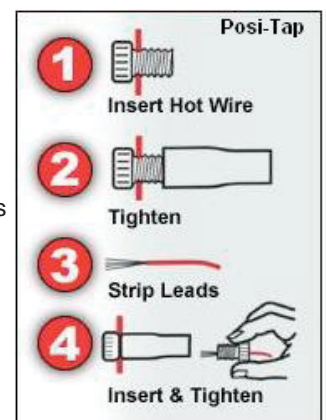


- 7 Use the 2 supplied Posi-taps to attach the crank input wires of the PC6 to the stock crank position sensor wires.

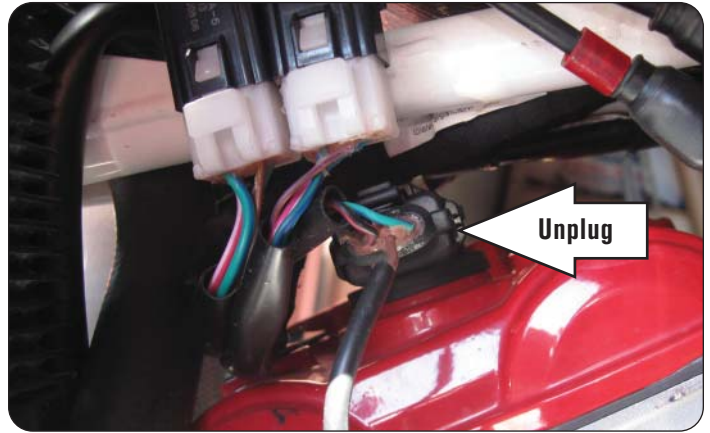
The stock CPS connectors can be found near the left side of the throttle body.

The PC6 WHITE/BROWN wire goes to the stock GREEN wire.

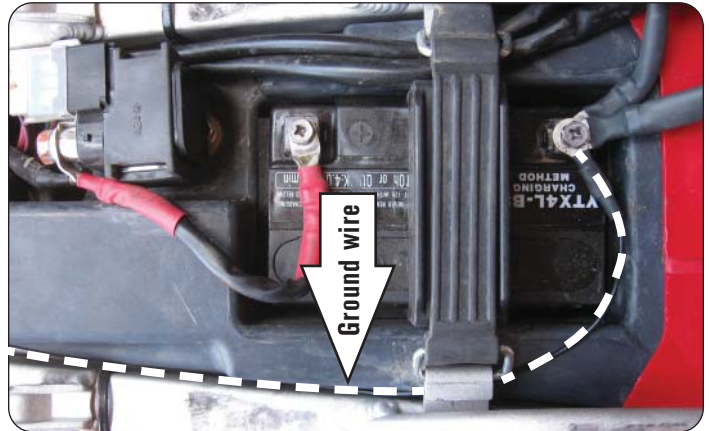
The PC6 BROWN/WHITE wire goes to the stock BLUE wire.



- 8 Unplug the stock wiring harness from the ignition coil.
- 9 Plug the PC6 harness in-line of the ignition coil and the stock wiring harness.



- 10 Attach the ground wire of the PC6 to the negative side of the battery.



- 11 Using the supplied Velcro, attach the PC6 module to the inside of the left side plastic body panel.

Clean both surfaces with the supplied alcohol swab before attaching the Velcro.

- 12 Reinstall the seat.

12v source for Auto-tune - BROWN/BLACK wire of BLACK 6-pin diagnostic connector in front of the ECM.

Download the latest map files from our web site at [dynojet.com/tunes](http://dynojet.com/tunes).





# **PUSH THE LIMIT**

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