

POWER COMMANDER 6

Install Guide for: PC6-23013

Model coverage:

2015-2016 Husqvarna FE250

2015-2016 Husqvarna FE350

PARTS LIST

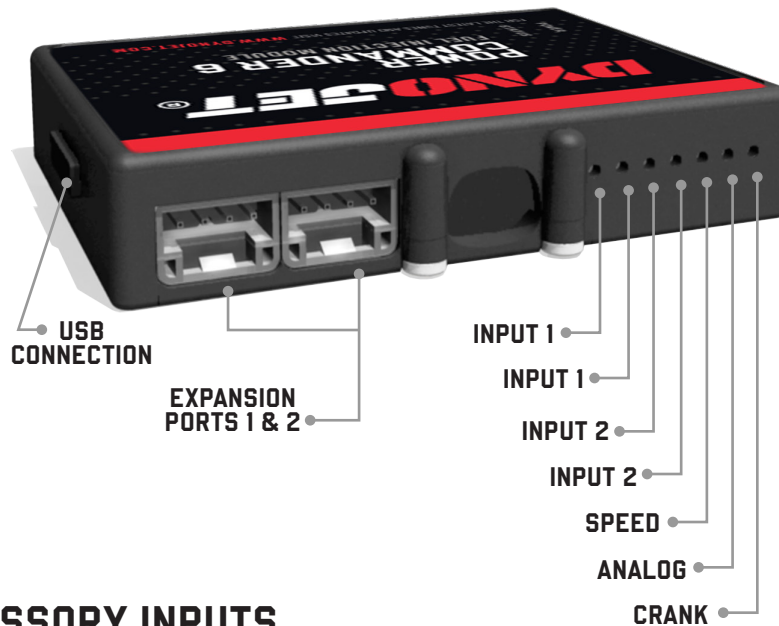


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|---|--------------------|---|------------------------|
| 1 | POWER COMMANDER 6 | 2 | POWER COMMANDER DECALS |
| 1 | INSTALLATION GUIDE | 2 | VELCRO STRIPS |
| 1 | USB CABLE | 1 | ALCOHOL SWAB |
| 2 | DYNOJET DECALS | | |

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



INPUT ACCESSORY GUIDE



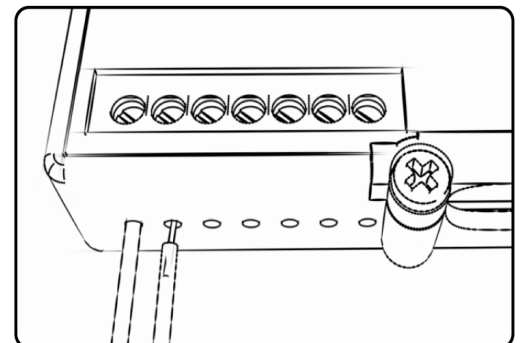
OPTIONAL ACCESSORY INPUTS

- 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 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.



INSTALLING THE POWER COMMANDER 6



INSTALL PC6

- 1 Remove the seat.
- 2 Remove the radiator shrouds on both sides and remove the fuel tank.
- 3 Using the supplied Velcro and/or the stock rubber strap, secure the PC6 module to the front of the battery.
Clean both surfaces with the supplied alcohol swab prior to applying the Velcro.
- 4 Route the PC6 wiring harness forward along the left side frame rail.



UNPLUG INJECTOR

- 5 Unplug the Fuel Injector at the top of the throttle body.



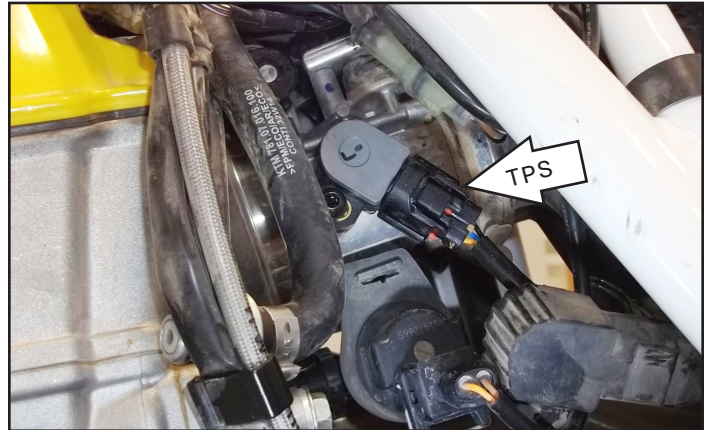
CONNECT TO INJECTOR

- 6 Route the PC6 wiring harness under the frame and out towards the left side of the engine.
- 7 Plug the pair of PC6 leads with ORANGE colored wires in-line of the Fuel Injector and the stock wiring harness.

INSTALLING THE POWER COMMANDER 6

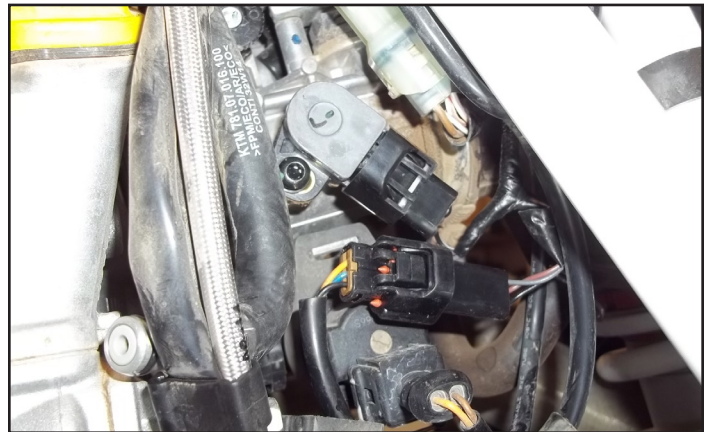
- 8 Unplug the Throttle Position Sensor located on the left side of the throttle body.

The TPS will be covered by a BLACK rubber boot.



UNPLUG TPS

- 9 Plug the pair of 3-pin PC6 connectors in-line of the TPS and the stock wiring harness.



CONNECT TO CPS & TPS

- 10 Unplug the bike's Crank Position Sensor connectors.

This is a BLUE 2-pin connector pair located on the left side of the engine.



UNPLUG CPS

INSTALLING THE POWER COMMANDER 6



CONNECT TO CPS

- 11 Plug the pair of WHITE 2-pin PC6 connectors with BROWN colored wires in-line of the stock CPS connectors .



- 12 Secure the PC6 ground wire with the small ring lug to the stock common ground on the left side of the frame directly above the engine.
- 13 Reinstall the fuel tank, the radiator shrouds, and the seat.
- 14 Affix the supplied CARB E.O. label to a conspicuous area. Next to the original emissions label is the preferred location. Make sure to clean the surface before attaching.

To download tunes go to dynojet.com/tunes



PUSH THE LIMIT

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