

POWER COMMANDER 6

Installation Guide for: PC6-18010

Model Coverage: 2008-2010 KTM 690 Duke

PARTS LIST



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| 1 USB CABLE | 1 ALCOHOL SWAB |
| 2 DYNOJET DECALS | |

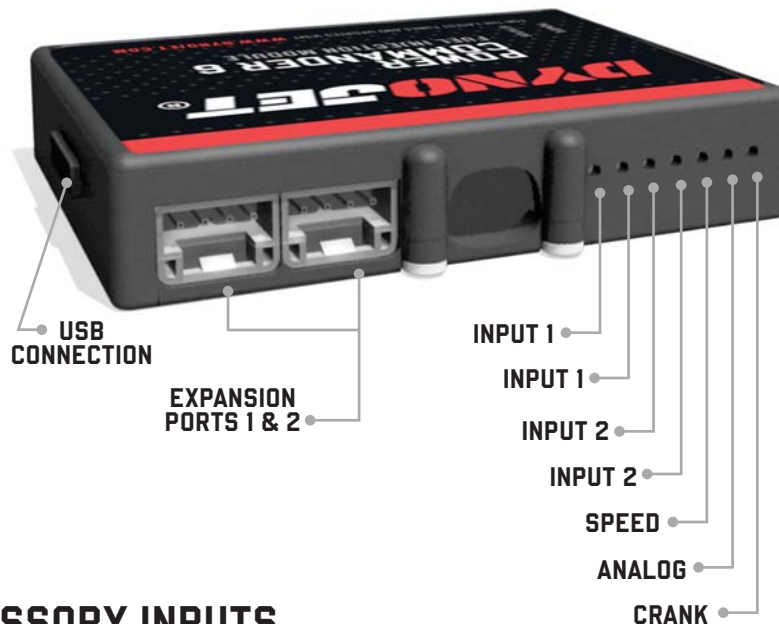
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-18010.01



INPUT ACCESSORY GUIDE



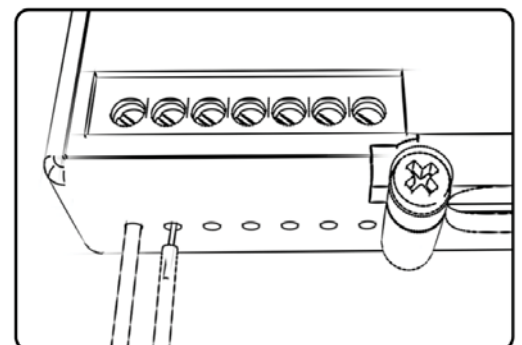
OPTIONAL ACCESSORY INPUTS

- 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.



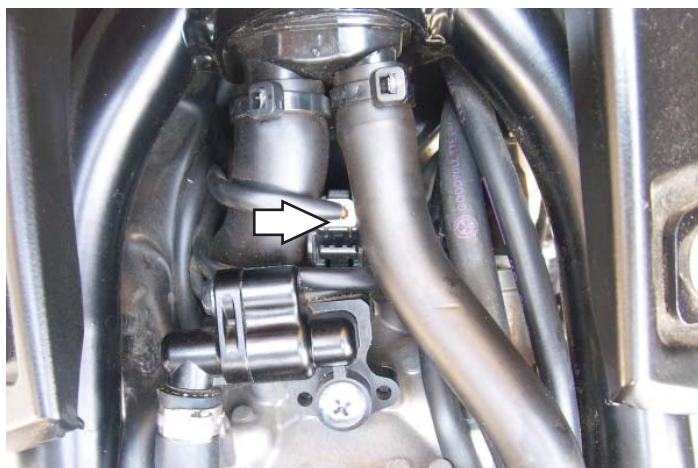
INSTALLING THE POWER COMMANDER 6



- 1 Remove the seat and both air box side covers.
- 2 Remove the fuel tank.
- 3 Using the supplied Velcro, attach the PC6 to the face of the battery.

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

- 4 Attach the PC6 ground wire with the small ring lug to the negative (-) terminal of the bike's battery.



- 5 Unplug the stock wiring harness from the Fuel Injector.
- 6 Unplug the stock Throttle Position Sensor connectors.

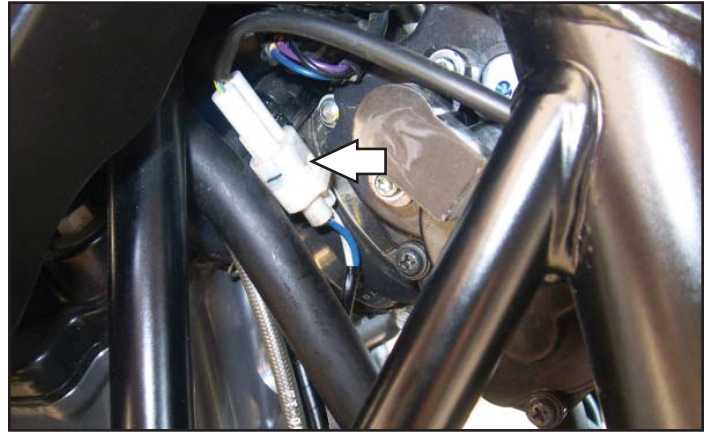
This is a BLACK 3-pin connector pair. It is not shown in Figure B; but can be found just to the right of the fuel injector beneath the hoses.



- 7 Plug the PC6 wiring harness in-line of the Fuel Injector and the stock wiring harness.
- 8 Plug the PCV wiring harness in-line of the stock TPS connectors.

- 9 Locate and unplug the stock Crank Position Sensor connectors.

This is a **WHITE** 2-pin connector pair on the right side of the throttle body.



- 10 Plug the PC6 wiring harness in-line of the stock CPS connectors.

- 11 Reinstall the fuel tank, bodywork, and the seat.

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





**PUSH
THE
LIMIT**

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