

POWER COMMANDER 6

Installation Guide for: PC6-18018

Model Coverage:

2014-2019 KTM 1290 Superduke R

2016-2019 KTM 1290 Superduke GT

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 |

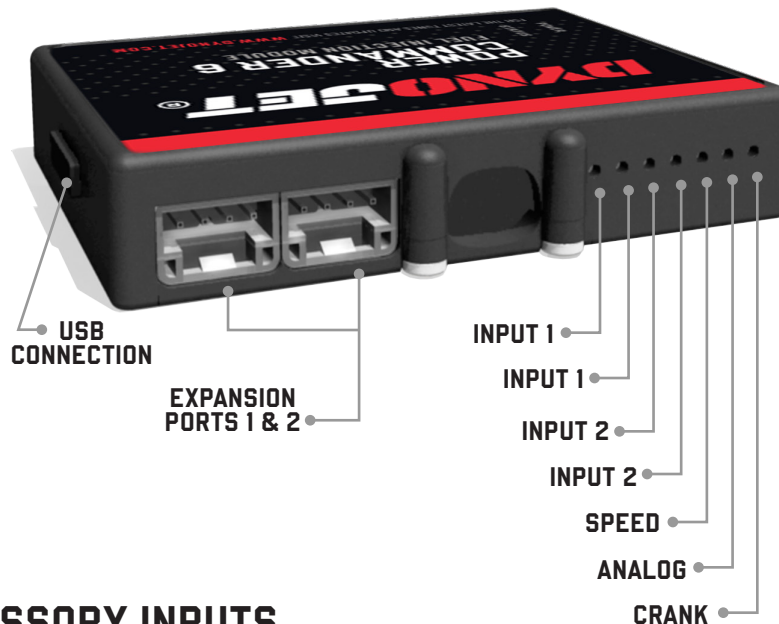
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-18018.01



INPUT ACCESSORY GUIDE



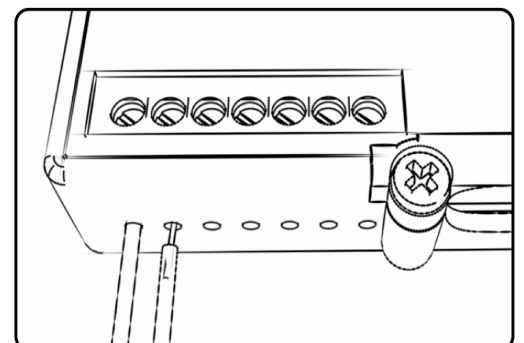
OPTIONAL ACCESSORY INPUTS

- 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.

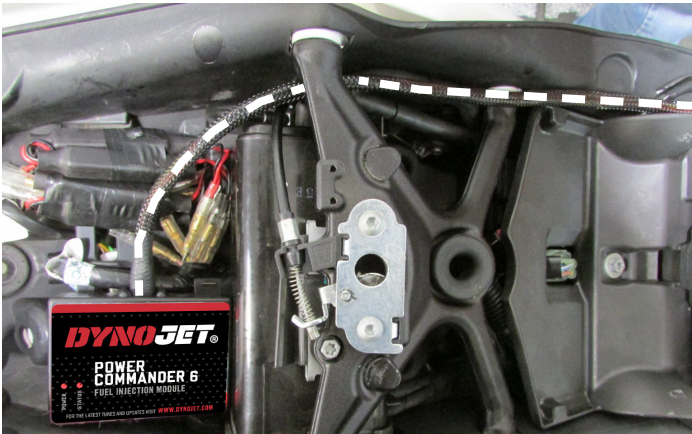
WIRE CONNECTIONS

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

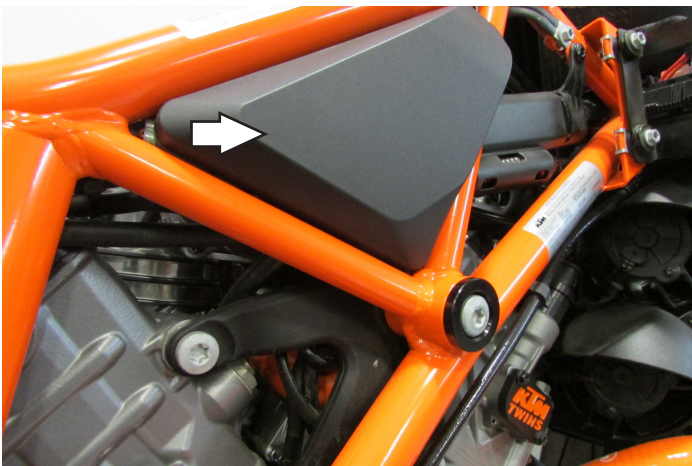


- 1 Remove both seats. Remove the 2 panels at both sides of the fuel tank. Remove the small panel on top of the fuel tank. Remove the fuel tank. Remove the air box.

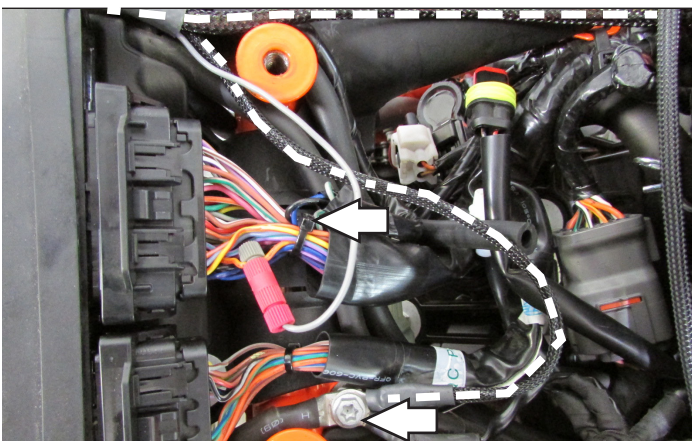
- 2 Use the supplied Velcro strips or the stock rubber strap to secure the PC6 module in the tail section.

Clean both surfaces with the supplied alcohol swab prior to applying the Velcro adhesive.

- 3 Route the PC6 harness down the left side of the motorcycle going towards the engine.



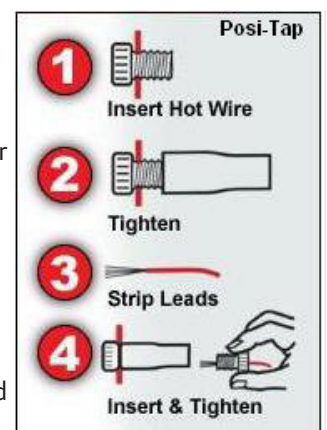
- 4 Remove the small cover on the right side of the bike.



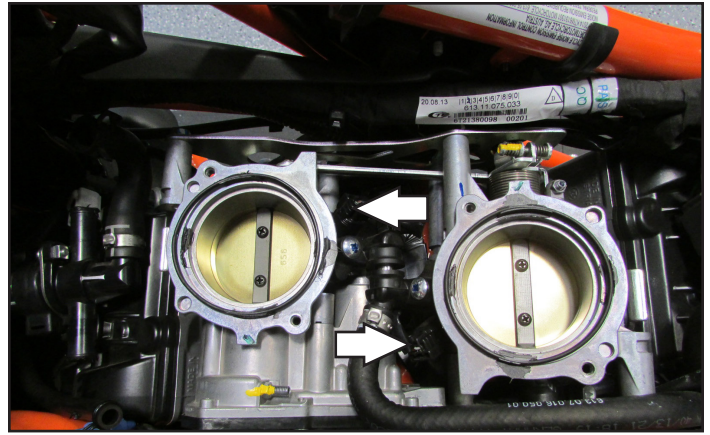
- 5 Using the supplied posi-tap, attach the PC6 unterminated GREY wire to the stock ORANGE/YELLOW wire on the larger ECU connector.

This is the Throttle Position signal input.

- 6 Secure the PC6 ground wire with the small ring lug to the common ground just forward of the ECU.



- 7 Between the two throttle bodies, unplug both the front and rear cylinder fuel injectors.



- 8 Plug the pair of 2-pin leads of the PC6 wiring harness with YELLOW colored wires in-line of the Rear Cylinder Fuel Injector and the stock wiring harness.

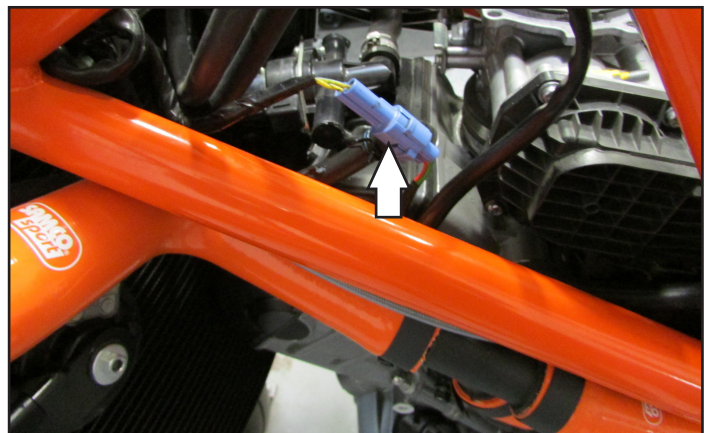
- 9 Plug the pair of 2-pin leads of the PC6 wiring harness with ORANGE colored wires in-line of the Front Cylinder Fuel Injector and the stock wiring harness.

Store the extra connections as low as possible between the throttle bodies to prevent interference when reinstalling the air box and/or with throttle blade movement.



- 10 Unplug the stock Crank Position Sensor connectors.

This is a pair of BLUE 2-pin connectors located forward and left of the throttle bodies.



- 11 Plug the pair of WHITE 2-pin PC6 connectors in-line of the stock Crank Position Sensor connectors.

- 12 Reinstall the air box, fuel tank, body work, and seats.

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





PUSH THE LIMIT

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