

POWER COMMANDER 6

Install guide for: PC6-12009

Model coverage:

2007-2012 BMW F800 ST

2013-2016 BMW F800 GT

2009-2016 BMW F800 R

2007-2010 BMW F800 S

PARTS LIST



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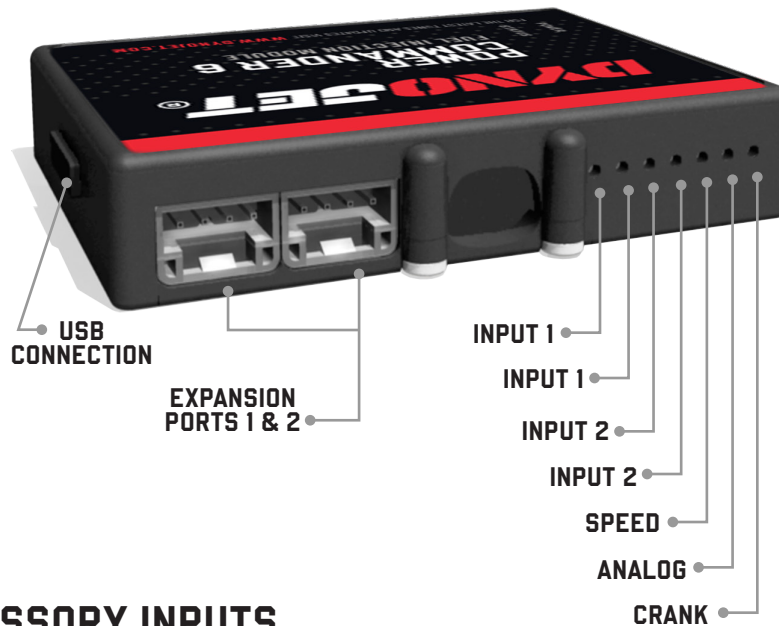
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-12009.01



INPUT ACCESSORY GUIDE



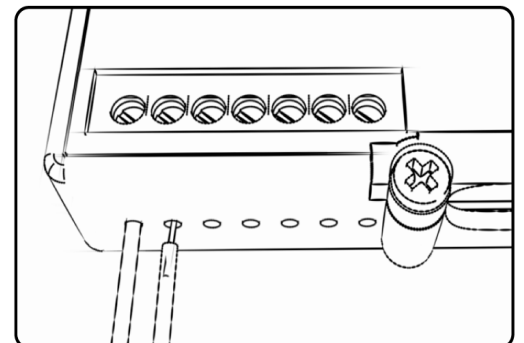
OPTIONAL ACCESSORY INPUTS

- 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 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.

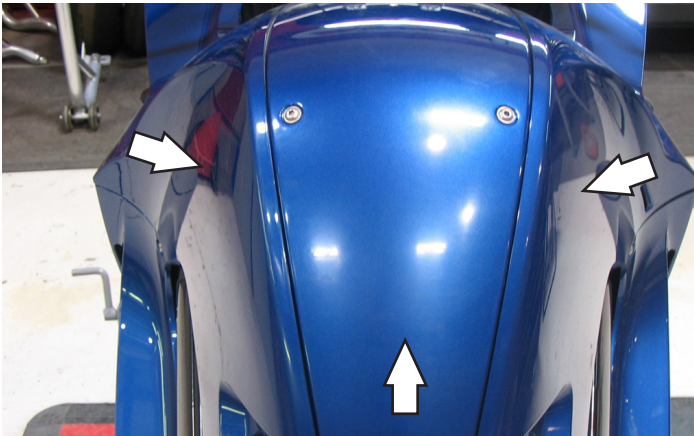
WIRE CONNECTIONS

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.



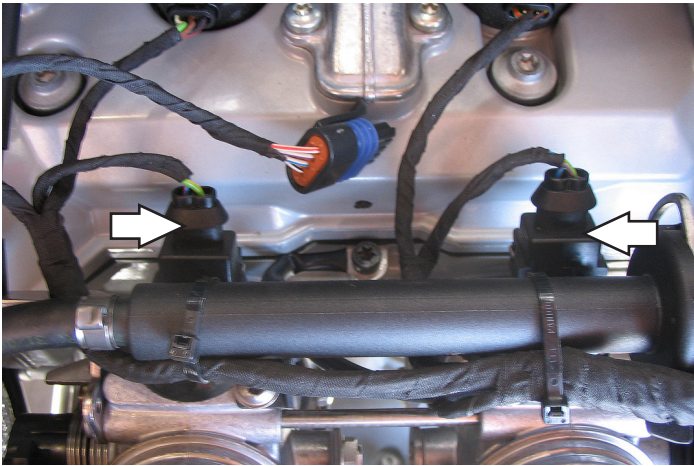
INSTALLING THE POWER COMMANDER 6



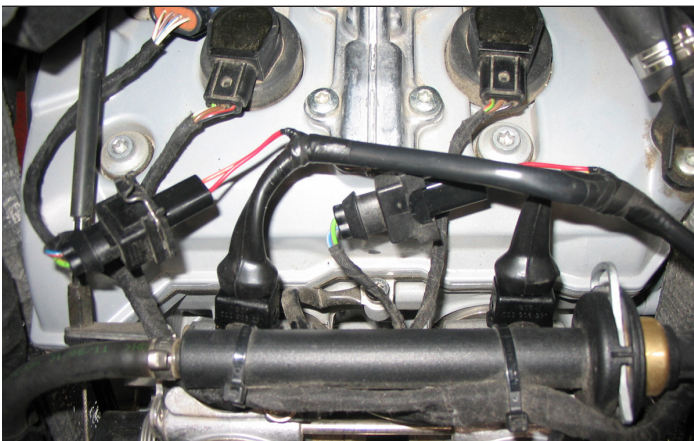
DO NOT TURN ON THE IGNITION WHILE ANY CONNECTIONS ARE UNPLUGGED.

1 Remove the following:

- Seat
- Battery
- Upper Side Fairings
- Air Box
- Middle Cover
- Lower Fairings



2 Unplug the stock wiring harness from both fuel injectors.



3 Lay the PC6 near the fuel pump (under seat) temporarily.

4 Route the PC6 harness along the right hand side of the bike and go towards the throttle bodies.

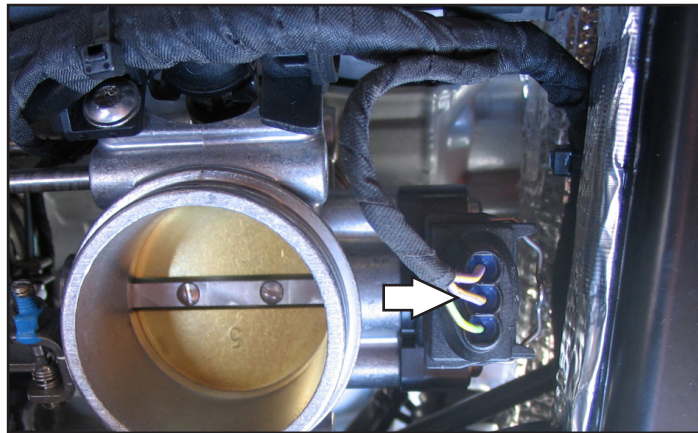
5 Plug the PC6 harness in-line of the stock wiring harness and both fuel injectors.

The pair of PC6 leads with orange colored wires go in-line of the cylinder #1 (left) fuel injector.

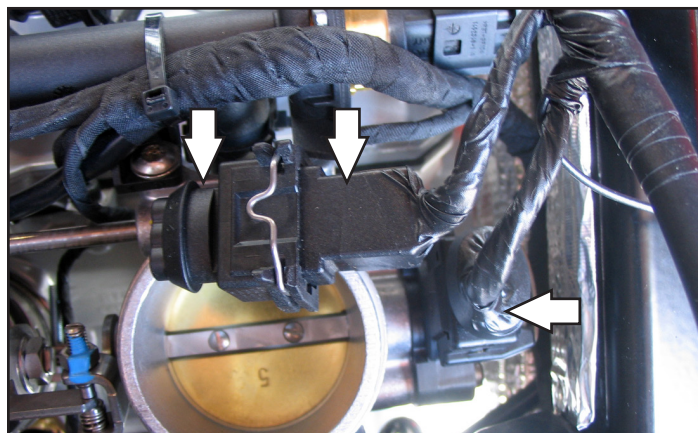
The pair of PC6 leads with yellow colored wires go in-line of the cylinder #2 (right) fuel injector.

- 6 Unplug the stock wiring harness from the Throttle Position Sensor (TPS).

This connector is located on the right hand side of the throttle bodies.

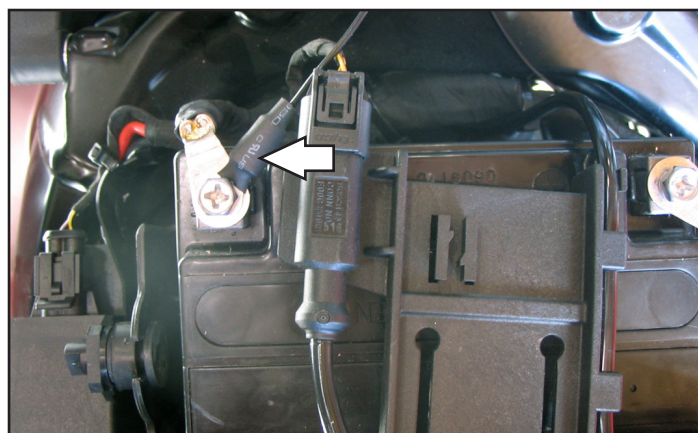


- 7 Plug the PC6 harness in-line of the stock wiring harness and the TPS.



- 8 Reinstall the air box.

- 9 Reinstall the battery. Attach the ground wire from the PC6 with the small ring lug to the negative (-) terminal on the battery.



- 10 Using the supplied Velcro, secure the PC6 in under the seat.

Make sure to use the supplied alcohol swab to clean both surfaces before attaching the Velcro.

- 11 Reinstall the removed bodywork and the seat.

- 12 Affix the supplied CARB E.O. label to a conspicuous area. The best location is next to the original emissions label. Make sure to clean the surface before attaching the label.

Make sure that all connections are secure before starting the motorcycle.

This unit comes shipped with a stock map for an ST model. If this does not match your setup, you can download more maps from our website at dynojet.com/tunes.





PUSH THE LIMIT

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