

POWER COMMANDER 6

Install guide for: PC6-12004

Model coverage: 2009-2016 BMW K1300 S/R

**POWER
COMMANDER**

PARTS LIST

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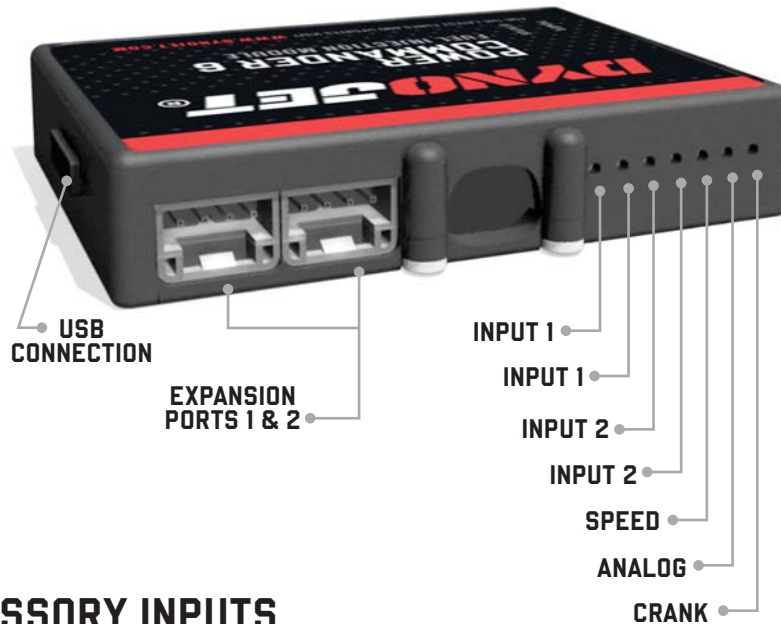
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|----------------------|--------------------------|
| 1 POWER COMMANDER 6 | 2 POWER COMMANDER DECALS |
| 1 INSTALLATION GUIDE | 2 VELCRO STRIPS |
| 1 USB CABLE | 1 ALCOHOL SWAB |
| 2 DYNOJET DECALS | |

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

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IPC6-12004.01

INPUT ACCESSORY GUIDE



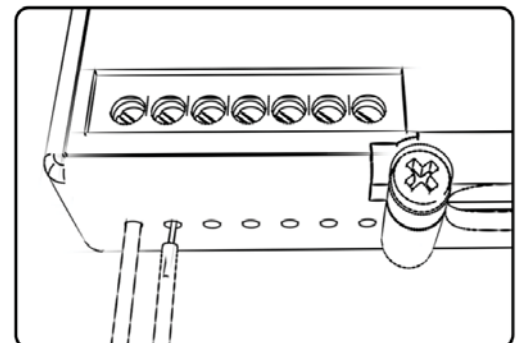
OPTIONAL ACCESSORY INPUTS

- 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



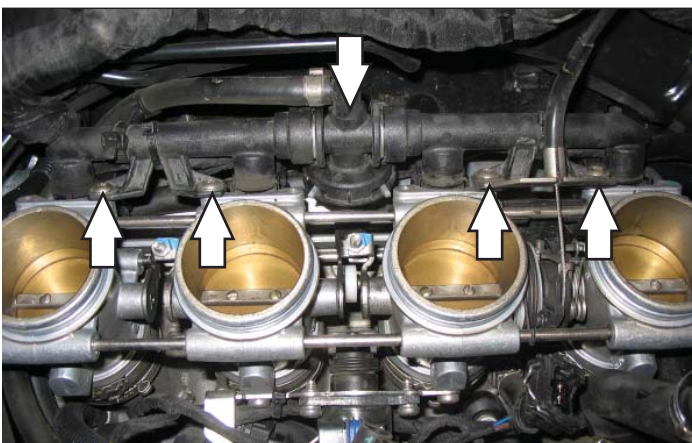
DO NOT TURN ON THE IGNITION WHILE ANY CONNECTIONS ARE UNPLUGGED.

- 1 Remove the bolts shown along with following:
 - Seat
 - Intake runners with filters
 - Upper side fairings
 - Battery
 - Fuel Tank
 - Air Box



There are two ways to access the fuel injectors. Either remove the entire throttle bodies from the intake manifolds (recommended to replace hose clamps) or follow these instructions.

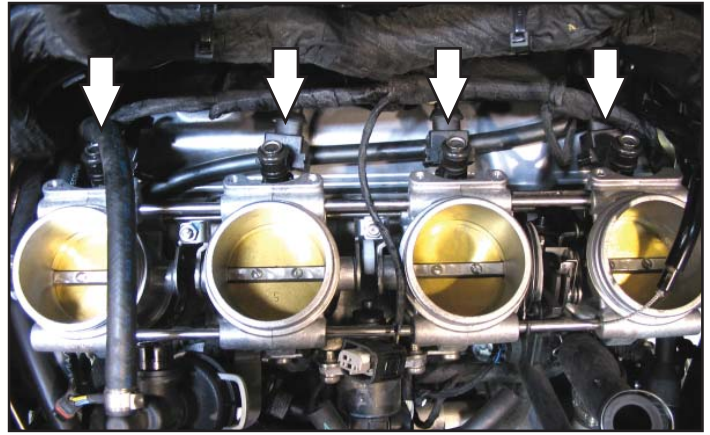
- 2 Remove the clip from each injector to the fuel rail.



- 3 Remove the four bolts securing the fuel rail to the throttle bodies.
- 4 Remove the fuel rail to access the fuel injectors.

Leave the fuel injectors in the throttle bodies. Do NOT lose the O-rings for the fuel injectors.

- 5 Unplug the stock wiring harness from each fuel injector.



- 6 Lay the PC6 in the tail section and route the harness down the right hand side of the bike towards the throttle bodies.

- 7 Plug the PC6 harness in-line of the stock wiring harness and each fuel injector.

PC6 Harness:

Orange - cylinder #1 (left)

Yellow - cylinder #2

Green - cylinder #3

Blue - cylinder #4 (right)



- 8 Locate the stock Throttle Position Sensor (TPS) connector. This connection is on the right side of the throttle bodies.

- 9 Unplug the stock TPS connector and plug the PC6 harness in-line.

Removing the right hand fairing makes this step easier.



- 10 Reinstall the fuel rail.

- 11 Reinstall the air box.

Make sure the PC6 ground wire is pulled towards the outside of the frame.

- 12 Route the PC6 ground wire along the stock ground wire.

- 13 Attach the ground wire from the PC6 to the negative (-) side of the battery.





- 14 Using the supplied Velcro, secure the PC6 module in the tail section.

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

The PC6 can also be mounted under the black cover near the fuel tank cap.
- 15 Reinstall the fuel tank and bodywork.
- 16 Verify that you have all electronics securely connected before trying to start the motorcycle.

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



PUSH THE LIMIT

2191 MENDENHALL DRIVE, NORTH LAS VEGAS, NV 89081 - 800-992-4993 - DYNOJET.COM

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