

# POWER COMMANDER 6

Installation Guide for: PC6-12003

Model Coverage: 2008-2009 BMW R1200 S

**POWER COMMANDER 6**

## PARTS LIST

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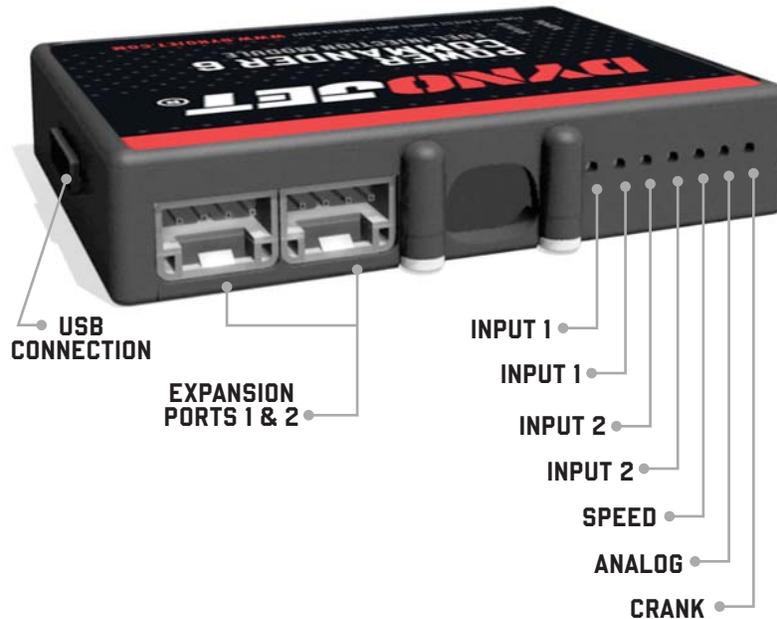
- |                      |                          |
|----------------------|--------------------------|
| 1 POWER COMMANDER 6  | 2 POWER COMMANDER DECALS |
| 1 INSTALLATION GUIDE | 2 VELCRO STRIPS          |
| 1 USB CABLE          | 1 ALCOHOL SWAB           |
| 2 DYNOJET DECALS     |              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

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

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IPC6-12003.01

# INPUT ACCESSORY GUIDE



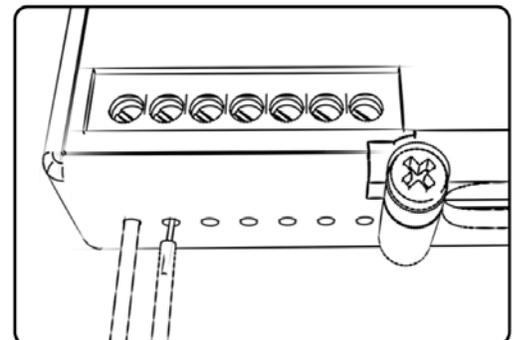
## OPTIONAL ACCESSORY INPUTS

- 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.

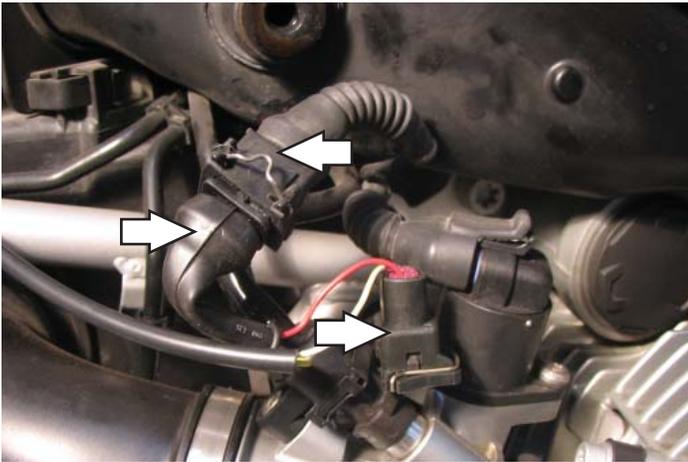


# INSTALLING THE POWER COMMANDER 6

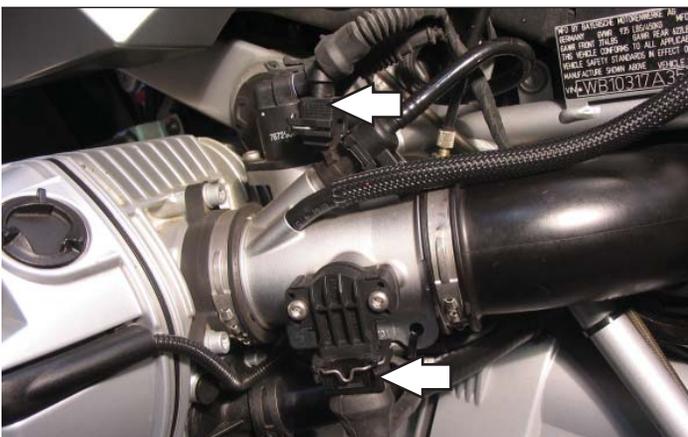


**DO NOT TURN ON THE IGNITION WHILE ANY CONNECTIONS ARE UNPLUGGED.**

- 1 Remove the main seat.
- 2 Lay the PC6 under the seat area temporarily.
- 3 Unplug the stock wiring harness from the right side fuel injector.



- 4 Plug the pair of leads with yellow colored wires from the PC6 in-line of the right side fuel injector and the stock wiring harness.



- 5 Unplug the stock wiring harness from the left side fuel injector.
- 6 Unplug the stock wiring harness from the Throttle Position Sensor (TPS).

- 7 Route the PC6 harness behind the intake tube.
- 8 Plug the pair of PC6 wiring harness leads with orange colored wires in-line of the left side fuel injector and the stock wiring harness.
- 9 Plug the pair of 3-pin PC6 wiring harness connectors in-line of the bike's TPS and the stock wiring harness.



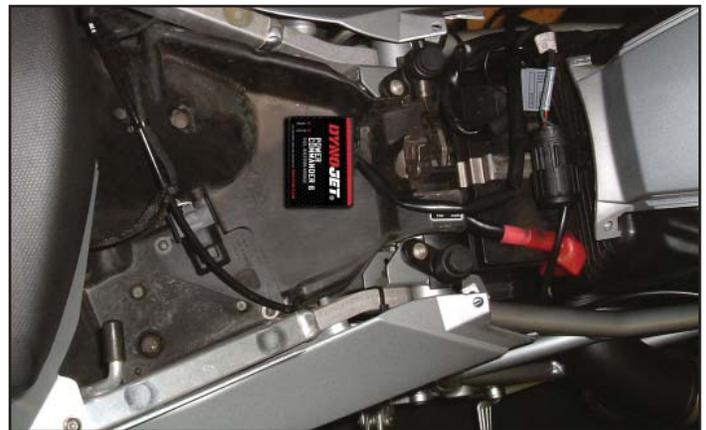
- 10 Attach the ground wire from the PC6 wiring harness with the small ring lug to the negative (-) battery terminal.

**MAKE SURE THE GROUND WIRE IS SECURE.**



- 11 Using the supplied Velcro, secure the PC6 module in the area under the main seat.  
**Make sure to use the supplied alcohol swab to clean both surfaces before attaching the Velcro.**
- 12 Make sure all connections are secure and harness routing is free and clear of any hot or moving parts.
- 13 Reinstall the seat.

Download the latest map files from our web site at [dynojet.com/tunes](http://dynojet.com/tunes).





# **PUSH THE LIMIT**

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