

POWER COMMANDER 6

Installation Guide for: PC6-12026

Model Coverage: 2019 BMW F850GS

PARTS LIST

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| 2 | DYNOJET DECALS | 1 | POSI-TAP |

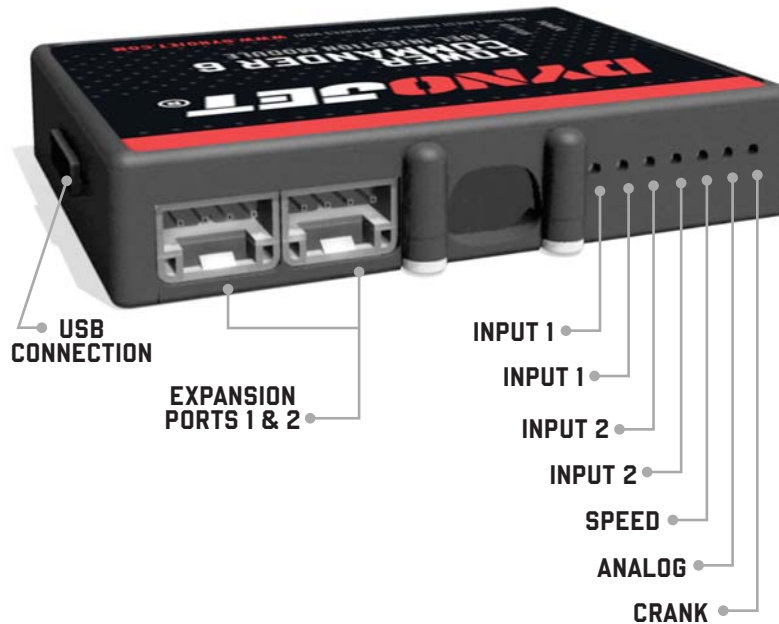
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-12026.01



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

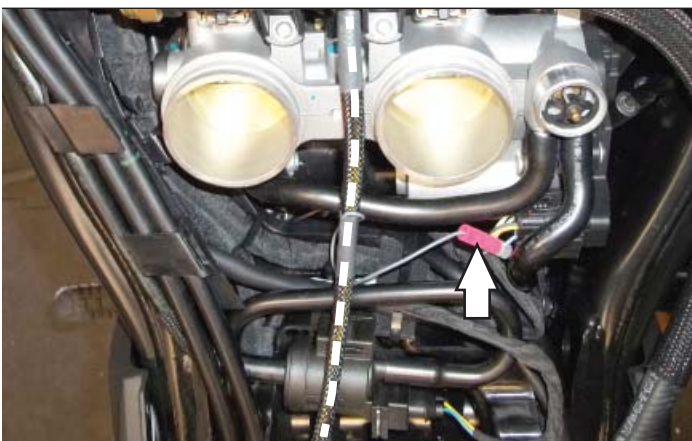


- 1 Remove the seat.
- 2 Remove the bodywork around the fuel tank.
- 3 Remove the fuel tank.
- 4 Remove the air box.
- 5 Using the supplied Velcro, secure the PC6 module in the tail section under the seat.

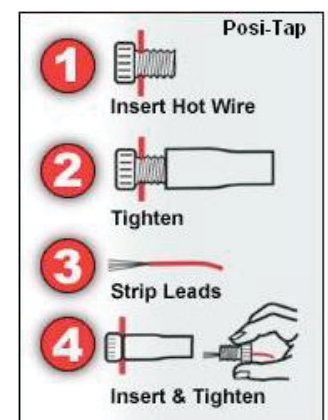
Make sure to use the supplied alcohol swab to clean both surfaces before attaching the Velcro.



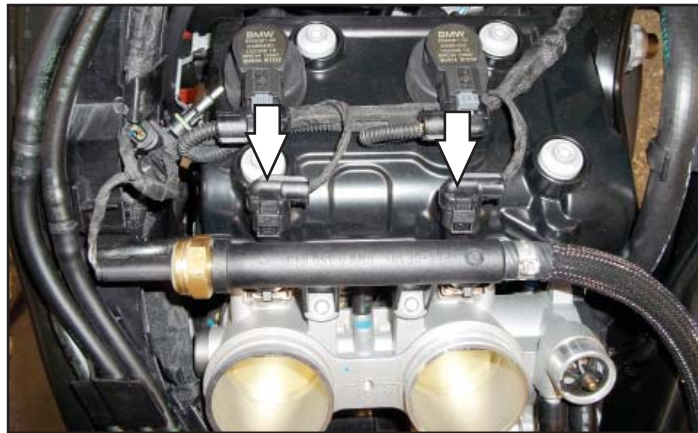
- 6 Route the PC6 wiring harness forward, towards the engine, along the left side frame rail. Route the wires beneath any crossover rails of the frame.
- 7 Secure the PC6 ground wire with the ring terminal to the negative (-) post of the bike's battery.



- 8 Using the supplied posi-tap, attach the GREY wire from the PC6 wiring harness to the stock LIGHT BLUE wire (pin position #2) of the bike's Throttle Body Servo connector.



- 9 Unplug both of the Fuel Injectors.



- 10 Route the PC6 wiring harness between the mouths of the throttle bodies and beneath the fuel rail.

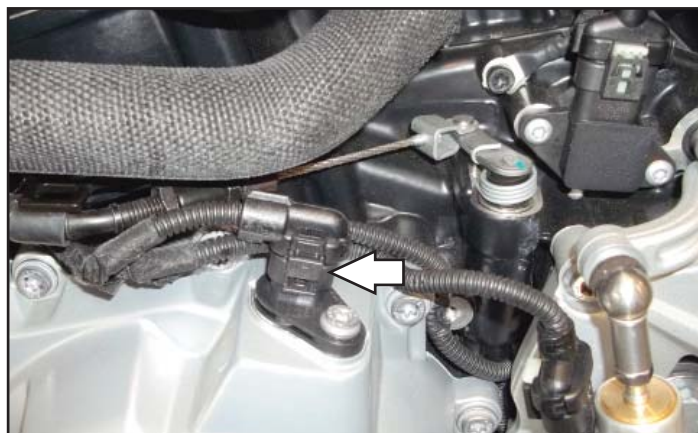
- 11 Plug the pair of PC6 connectors with ORANGE colored wires in-line of the LEFT Fuel Injector and its stock connector.

- 12 Plug the pair of PC6 connectors with YELLOW colored wires in-line of the RIGHT Fuel Injector and its stock connector.

- 13 Route the remaining pair of connectors to the left and downward, towards the left side engine cover.



- 14 At the top of the left side engine cover, unplug the stock Crank Position Sensor connector.



- 15 Plug the PC6 connectors with BROWN colored wires in-line of the Crank Position Sensor and its stock connector.

- 16 Reinstall the air box, fuel tank, bodywork, and the seat.



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



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