

POWER COMMANDER 6

Installation Guide for: PC6-12018

Model Coverage: 2014-2017 BMW R nineT

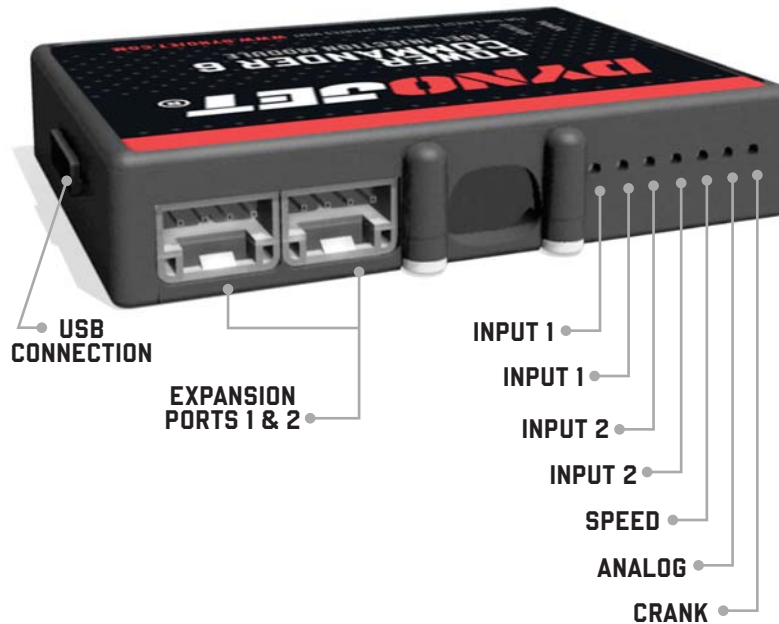
PARTS LIST

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

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



INPUT ACCESSORY GUIDE



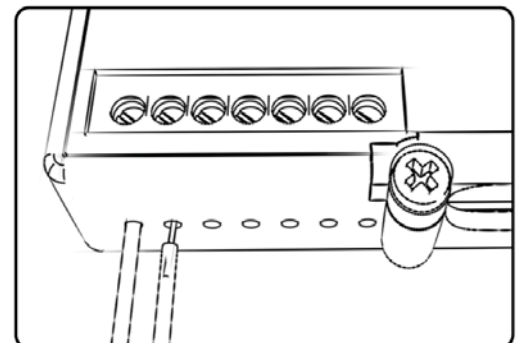
OPTIONAL ACCESSORY INPUTS

- 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.

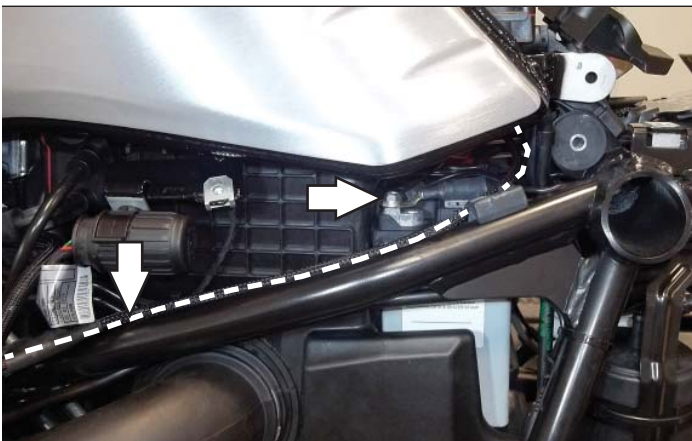
- 1 Remove both seats. Remove the seat support brackets on the left and right side of the bike. Remove the body panels directly below the fuel tank on the left and right side of the bike.
- 2 Loosen the fuel tank at the front and rear. Prop the rear of the fuel tank at least a few inches.

The fuel tank can be completely removed, if you prefer; but this would not be critical for this installation.



- 3 Using the supplied Velcro, secure the PC6 module to the right side air intake tube beneath the fuel tank.

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



- 4 Secure the PC6 ground wire with the small ring lug to the negative (-) battery terminal.
MAKE SURE THE GROUND WIRE IS SECURE.
- 5 Route the PC6 wiring harness branch with four connectors towards the left cylinder head.
- 6 Route the other branch with only two connectors towards the right cylinder head.

- 7 At the left side throttle body, unplug the fuel injector and unplug the Throttle Position Sensor (TPS).



- 8 Plug the pair of PC6 leads with ORANGE colored wires in-line of the left side fuel injector and the stock wiring harness.

- 9 Route the pair of 3-pin connectors behind the intake tube.



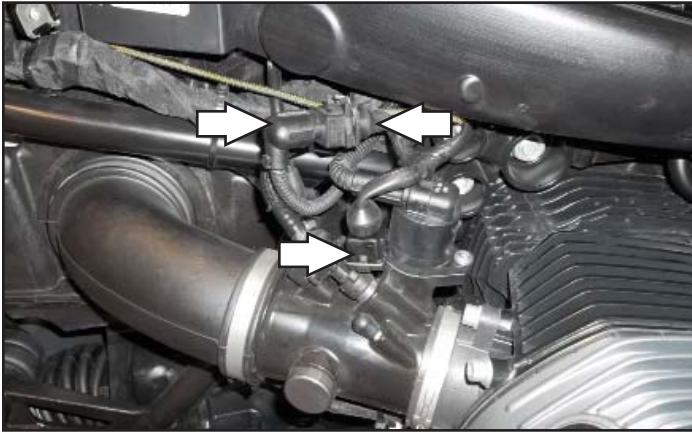
- 10 Plug the pair of 3-pin PC6 leads in-line of the bike's Throttle Position Sensor and the stock wiring harness.

Tuck these extra connections discreetly behind and beneath the throttle body.



- 11 At the right side throttle body, unplug the Fuel Injector.





- 12 Plug the pair of PC6 leads with YELLOW colored wires in-line of the right side Fuel Injector and the stock wiring harness.
- 13 Make sure wiring harness routing is secured and clear of any hot or moving parts.
- 14 Reassemble the bike.

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