

POWER COMMANDER 6

Install guide for: PC6-20007

Model coverage: 2009-2016 Suzuki GSXR1000

POWER COMMANDER 6

PARTS LIST

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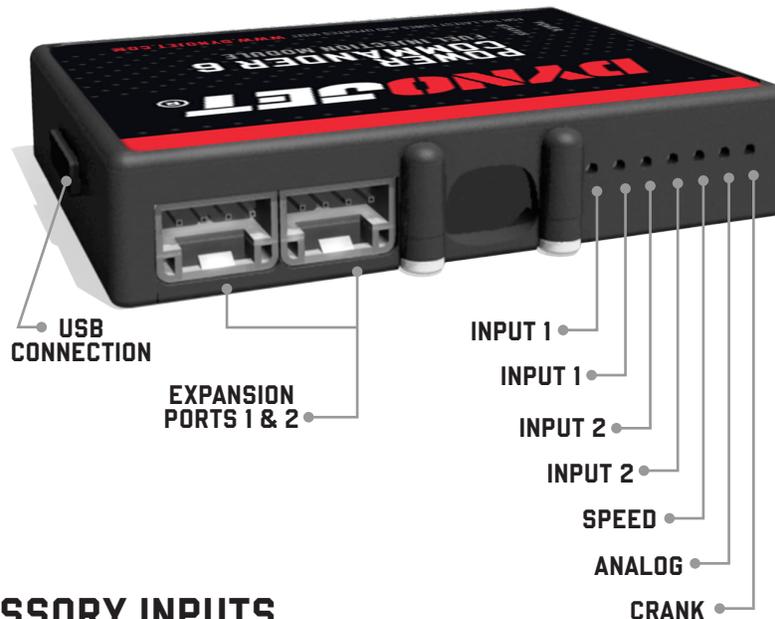
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|----------------------|--------------------------|
| 1 POWER COMMANDER 6 | 2 POWER COMMANDER DECALS |
| 1 INSTALLATION GUIDE | 2 VELCRO STRIPS |
| 1 USB CABLE | 1 ALCOHOL SWAB |
| 2 DYNOJET DECALS | |

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

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PC6-20007.01

INPUT ACCESSORY GUIDE



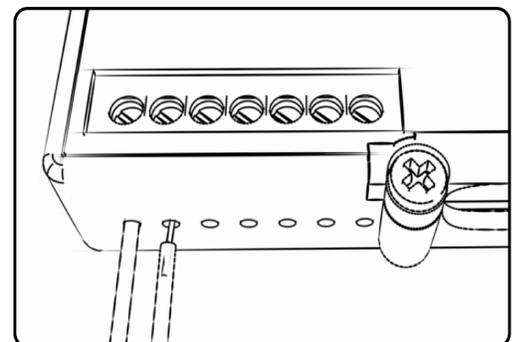
OPTIONAL ACCESSORY INPUTS

- 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.

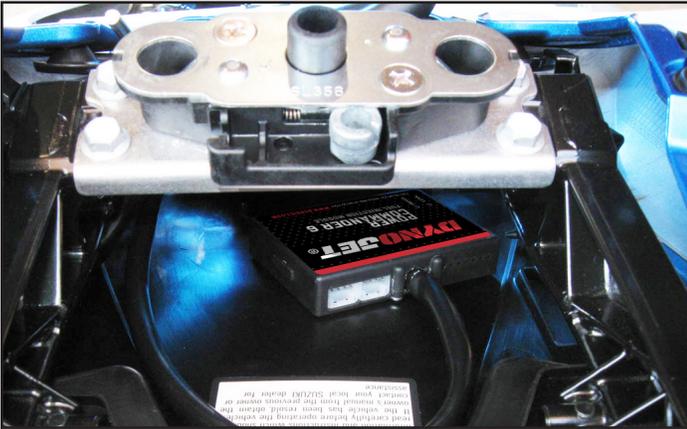
WIRE CONNECTIONS

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.

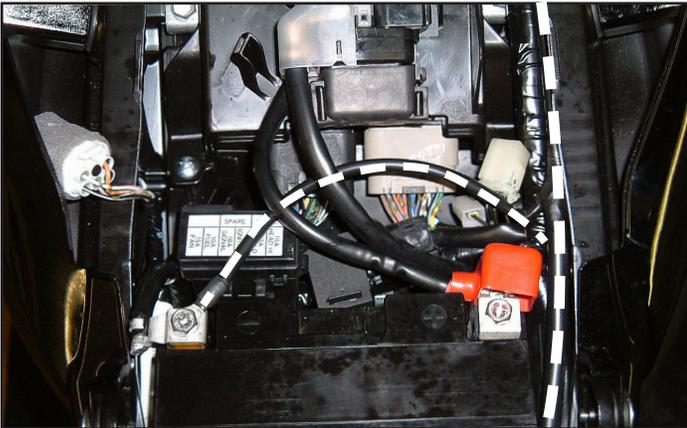


INSTALLING THE POWER COMMANDER 6



INSTALL PC6

- 1 Remove the seats.
- 2 Prop the fuel tank up.
- 3 Lay the PC6 in the tail section and route the PC6 harness towards the front of the bike.



ATTACH TO GROUND

- 4 Route the PC6 harness along the left hand side of the bike.
- 5 Attach the ground wire from the PC6 to the negative side of the battery.



UNPLUG INJECTORS

- 6 Unplug the stock wiring harness from the lower injectors.

INSTALLING THE POWER COMMANDER 6

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

Do NOT connect the PC6 harness to the upper injectors. Make sure you are on the set of injectors that are below the fuel rail.

ORANGE - #1 cylinder

YELLOW - #2 cylinder

GREEN - #3 cylinder

BLUE - #4 cylinder

- 8 Remove the right hand side fairing.
- 9 Remove the 3 bolts for the regulator/rectifier bracket.

This allows access to the TPS connector.

- 10 Locate the stock Throttle Position Sensor connector.

This is a GREY 3-pin connector with PINK/BLK - RED - BLK/BRN colored wires.

- 11 Unplug the TPS connector and plug the PC6 connectors in-line of the TPS and stock wiring harness.
- 12 Secure the PC6 in the tail section using the supplied Velcro.

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

- 13 Reinstall the regulator/rectifier bracket and fairing. Lower fuel tank and reinstall seats.
- 14 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

Optional Inputs:

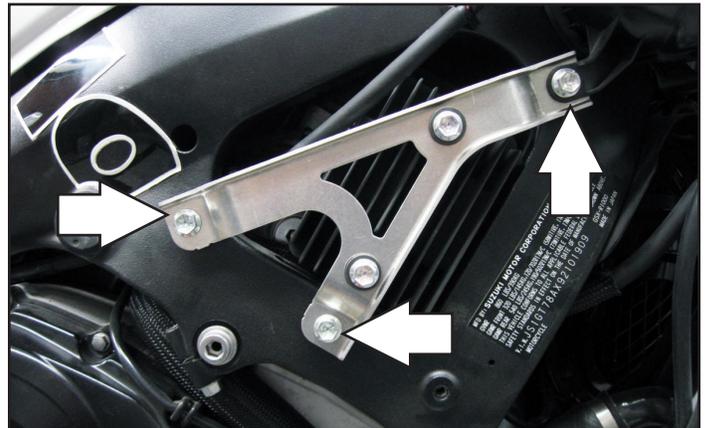
Speed input - PINK wire on BLACK 3-pin connector of speed sensor

Temperature input - BLACK/BLUE of cylinder head temp sensor

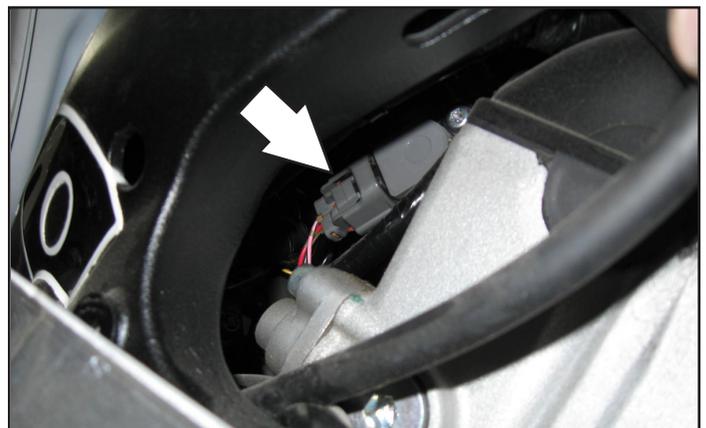
12v source for Auto-tune - BROWN wire for tail light connector



CONNECT TO INJECTORS



ATTACH GROUND



CONNECT TO TPS



PUSH THE LIMIT

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