

POWER COMMANDER 6

Install guide for: PC6-20008

Model coverage: 2008-2020 Suzuki GSX1300R

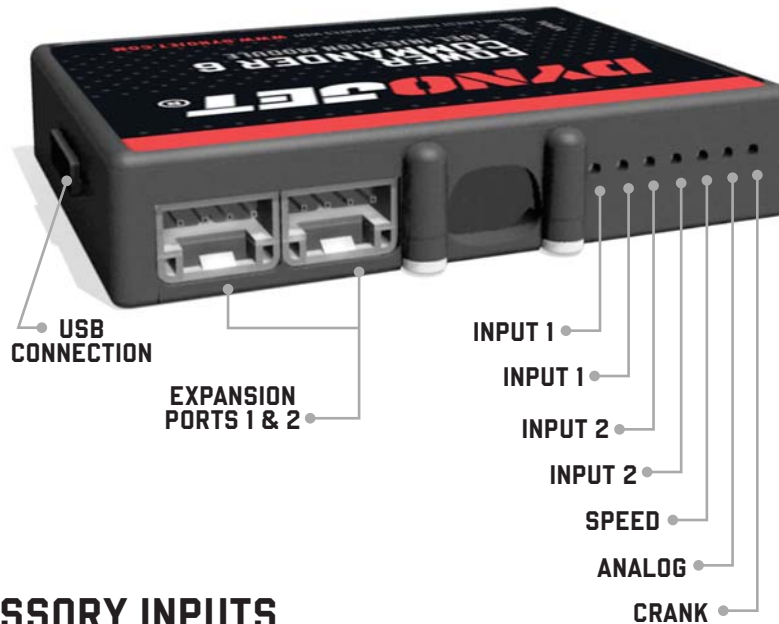
PARTS LIST

- | | |
|----------------------|--------------------------|
| 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 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.

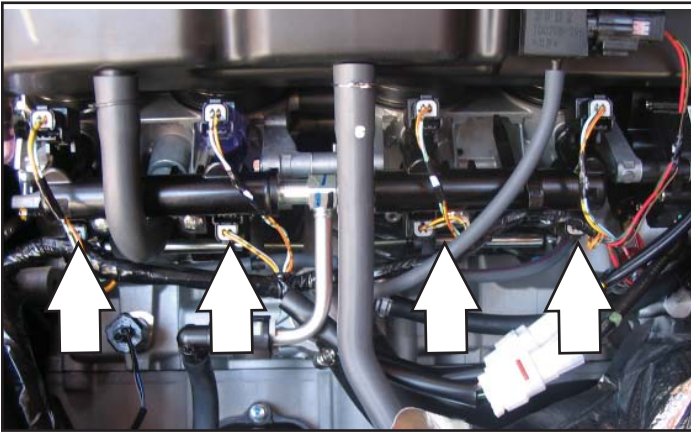
WIRE CONNECTIONS

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.

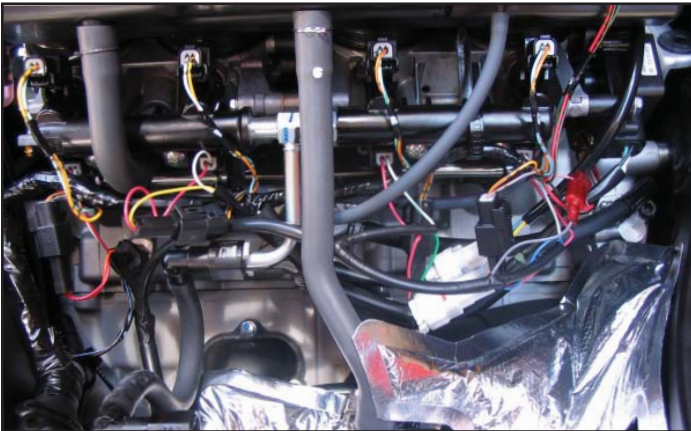


INSTALLING THE POWER COMMANDER 6



UNPLUG INJECTORS

- 1 Remove the main seat and the passenger seat.
- 2 Hold the front of the fuel tank up using the prop rod located in the trunk area.
- 3 Disconnect the main wiring harness from each of the LOWER Fuel Injectors.
- 4 Lay the PC6 in the tail section and route the PC6 harness down the left hand side of the bike towards the throttle bodies.



CONNECT TO INJECTORS

- 5 Plug the PC6 wiring harness in-line of the stock wiring harness and the LOWER Fuel Injectors.

Cylinder 1 - ORANGE

Cylinder 2 - YELLOW

Cylinder 3 - GREEN

Cylinder 4 - BLUE



UNPLUG TPS

- 6 Locate the Throttle Position Sensor connector on the right hand side of the throttle body.
This is a BLACK 3-pin connector with RED-PINK/BLK-BLK/BRN wires.
- 7 Unplug the stock wiring harness from the TPS.

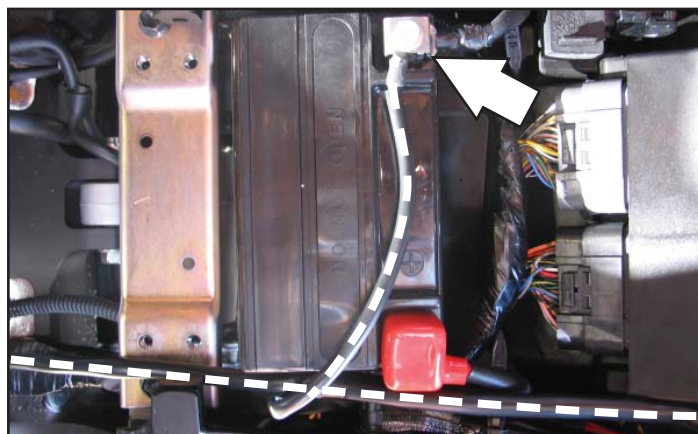
INSTALLING THE POWER COMMANDER 6

- 8 Plug the pair of 3-pin connectors of the PC6 wiring harness in-line of the bike's TPS and the stock wiring harness.



CONNECT TO TPS

- 9 Attach the ground wire from the PC6 with the small ring lug to the negative (-) terminal of the bike's battery.



ATTACH GROUND

- 10 Install the PC6 in the tail section using the supplied Velcro.

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

- 11 Bolt fuel tank back into place. Reinstall the seats and any bodywork that was loosened during the process.

Optional inputs:

Speed - BLACK wire of BLACK 3-pin connector from speed sensor on the front sprocket cover

Engine temp - BLACK/BLUE wire on the engine temperature sensor at the back of cylinder #1 below the thorttle body

12v source for Auto-tune - BROWN wire of 6-pin taillight connector



INSTALL PC6



**PUSH
THE
LIMIT**

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