POWER COMMANDER 6

Install guide for: PC6-20028

Model coverage: 2011-2022 Suzuki GSXR600

PARTS LIST

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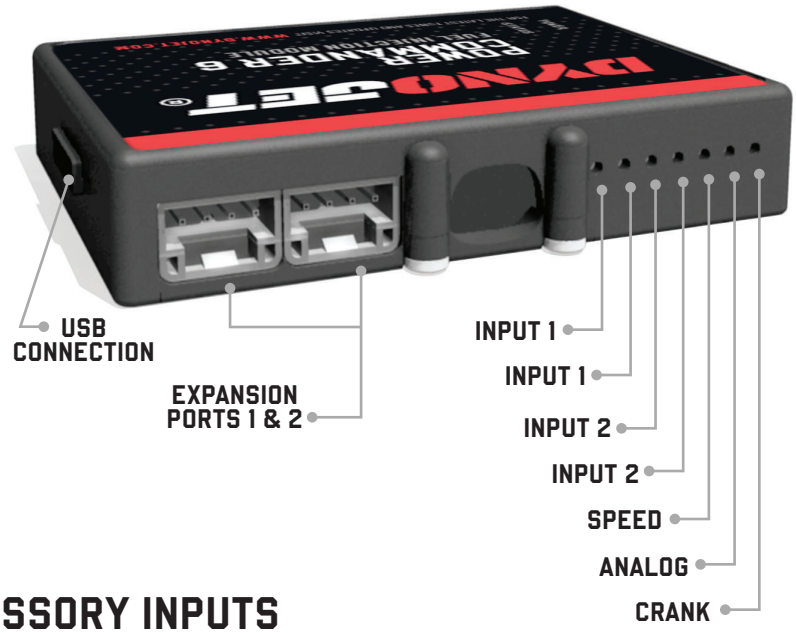
2	DYNOJET DECALS	1	CARB E.O. LABEL

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

IPC6-20028.01

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. .

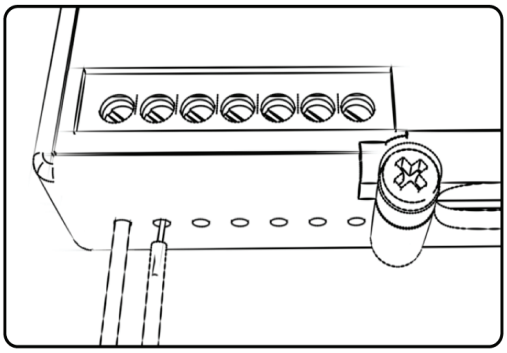
Analog This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the Power Core software.

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.

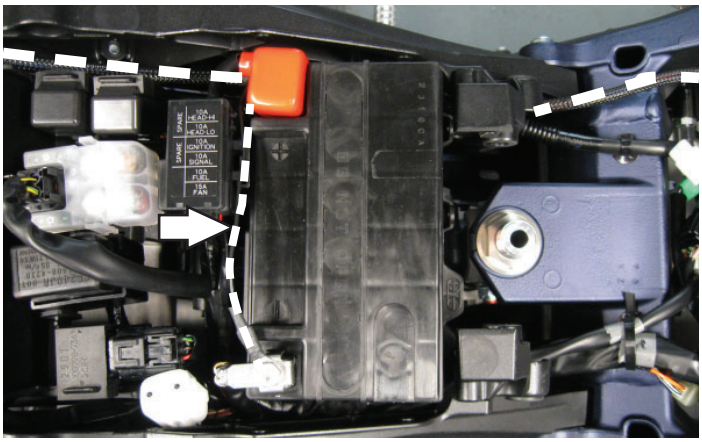
WIRE CONNECTIONS

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



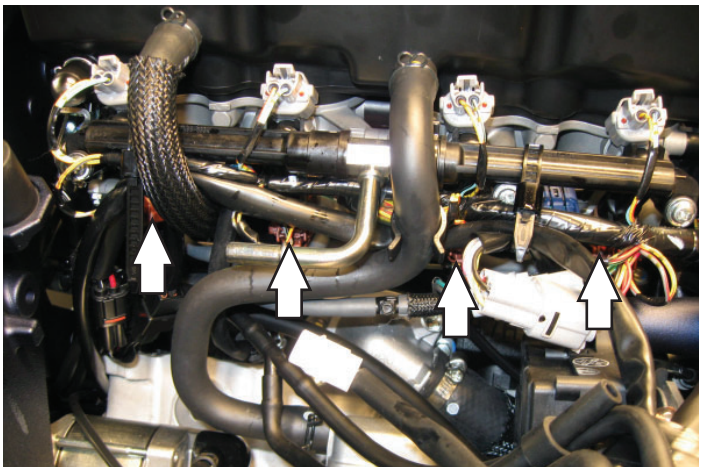
1 Remove the main seat and the passenger seat or solo cover.

2 Prop the fuel tank up using the prop rod in the tail section.

3 Lay the PC6 in the tail section.

4 Route the wiring harness from the PC6 under the tail section and go towards the engine down the left hand side of the bike.

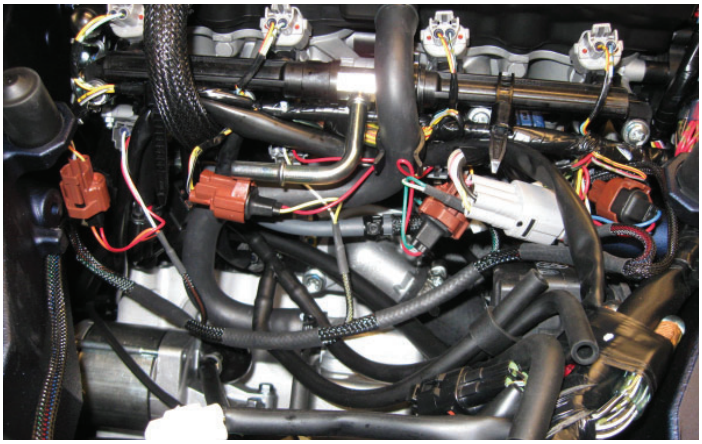
5 Attach the ground wire from the PC6 to the negative side of the battery.



6 Unplug the stock wiring harness from each of the LOWER injectors.

The lower injectors are much harder to access than the uppers. Using a set of needle nose pliers will aid in removing the connectors.

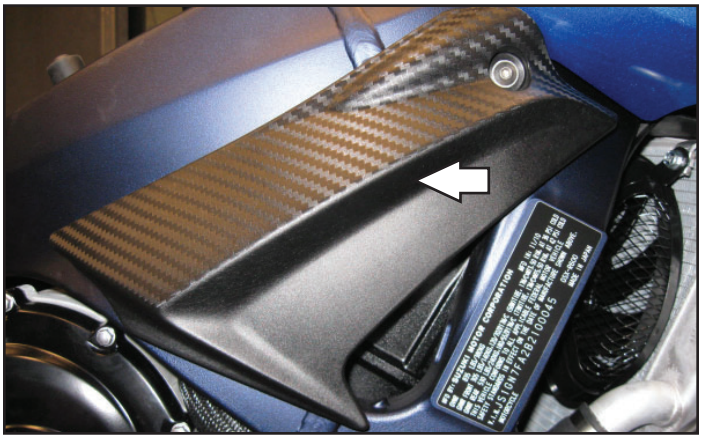
The lower injector connectors are BROWN.



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

8 Remove the right hand side frame cover.

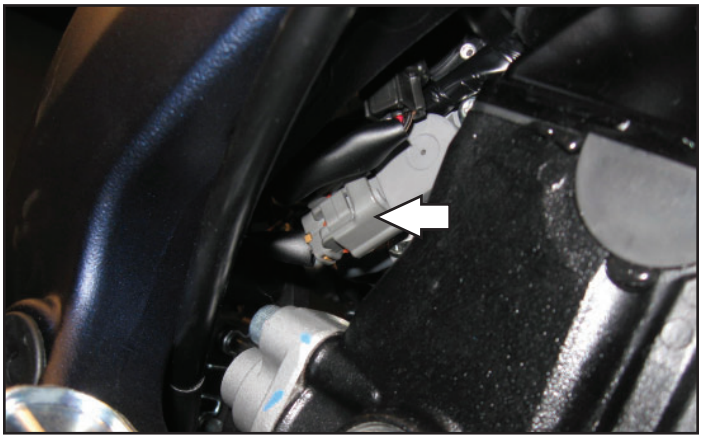
This allows access to the TPS connector.



9 Locate the Throttle Position Sensor connector on the far right hand side of the throttle bodies.

This GREY connector has a PINK/BLACK - RED - BLACK/ BROWN colored wires.

10 Unplug the TPS connector.



11 Plug the PC6 connectors in-line of the stock TPS and stock wiring harness.

12 Install the PC6 in the tail section.

You can use the supplied Velcro to secure the module in the tail. If so, be sure to clean both surfaces with the supplied alcohol swab prior to applying the Velcro adhesive.

13 Lower the fuel tank back into position making sure none of the wires get pinched or damaged.

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 the label.

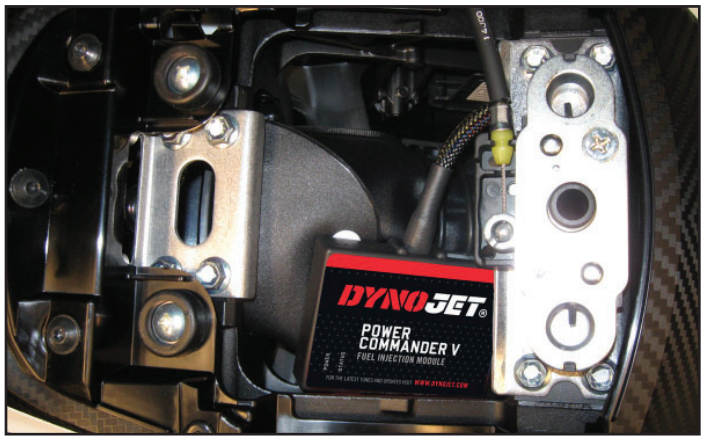
Download the latest map files from our web site at dynojet.com/tunes.

Optional inputs:

Speed - PINK wire of sensor on sprocket cover.

Engine Temperature input location - GREEN connector on back of cylinder. Use the BLACK/BLUE wire at ECU.

12v source for Autotune - BROWN wire of tail light connector.



PUSH THE LIMIT

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