

# POWER COMMANDER 6

Installation Guide for: PC6-20054

Model Coverage: 1997-2001 Suzuki TL1000S

## 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.**



IPC6-20054.01



# 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.

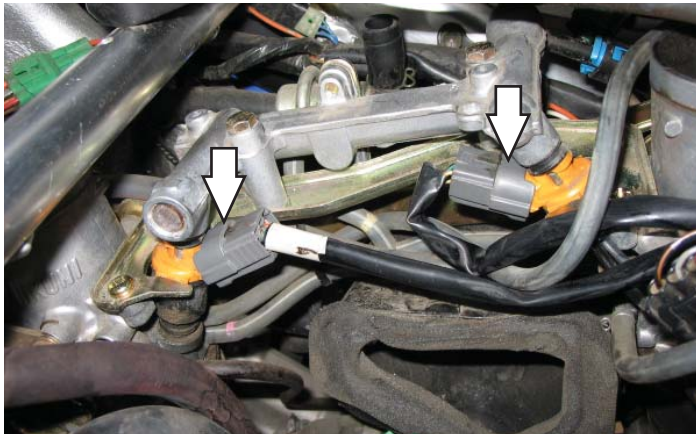
## WIRE CONNECTIONS

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 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 Remove the air box.
- 4 Lay the PC6 in the tail section.
- 5 Route the PC6 wiring harness under the sub-frame and go towards the front of the bike. Route the PC6 harness under the battery bracket on the left hand side.
- 6 Disconnect the stock wiring harness from the Fuel Injectors.

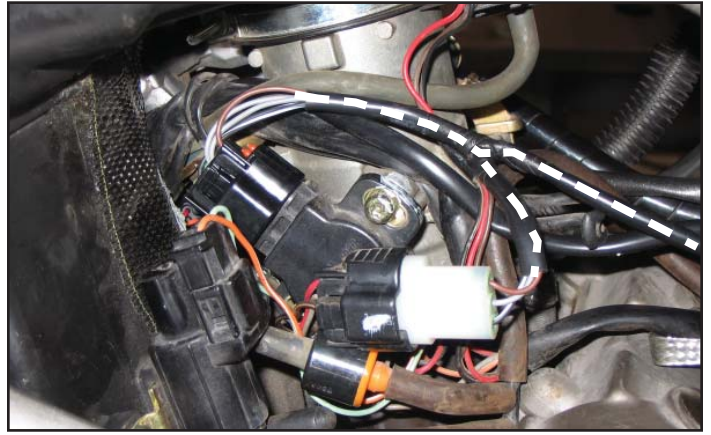


- 7 Plug the connectors from the PC6 in-line of the stock wiring harness and the Fuel Injectors.  
  
Plug the pair of PC6 connectors with ORANGE colored wires in-line of the Front Cylinder injector.  
  
Plug the pair of PC6 connectors with YELLOW colored wires in-line of the Rear Cylinder injector.



- 8 Unplug the stock wiring harness from the Throttle Position Sensor.  
  
This connector is located on the left hand side of the throttle bodies.

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



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




- 11 Install the PC6 unit on top of the stock ECU. Use the supplied Velcro to attach the unit. Make sure to clean both surfaces with the alcohol swab before attaching.

- 12 Reinstall the air box and fuel tank.

Download the latest map files from our web site at [dynojet.com/tunes](http://dynojet.com/tunes).







**PUSH  
THE  
LIMIT**

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