

[POWER COMMANDER V]

1998-2003 Suzuki TL1000R

Installation Instructions



PARTS LIST

- 1 Power Commander
- 1 USB Cable
- 1 Installation Guide
- 2 Power Commander Decals
- 2 Dynojet Decals
- 2 Velcro strips
- 1 Alcohol swab

**THE IGNITION MUST BE TURNED
OFF BEFORE INSTALLATION!**

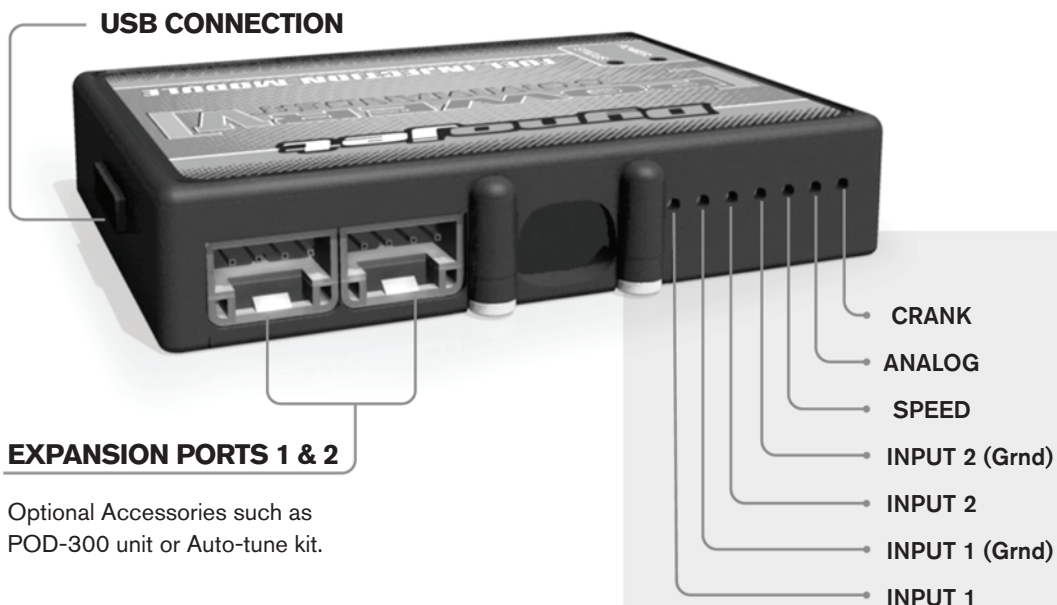
THE LATEST POWER COMMANDER
SOFTWARE AND MAP FILES CAN BE
DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Dynojet

2191 Mendenhall Drive North Las Vegas, NV 89081 (800) 992-4993 www.powercommander.com

POWER COMMANDER V INPUT ACCESSORY GUIDE



Optional Accessories such as
POD-300 unit or Auto-tune kit.

Wire connections:

To input wires into the PCV 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 PCV 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.



ACCESSORY INPUTS

Map -

(Input 1 or 2) The PCV 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. When using the Autotune kit one position will hold a base map and the other position will let you activate the learning mode. When the switch is "CLOSED" Autotune will be activated. (Set to Switch Input #1 by default.)

Shifter-

(Input 1 or 2) These inputs are for use with the Dynojet quickshifter. Insert the wires from the Dynojet quickshifter into the SHIFTER inputs. The polarity of the wires is not important. (Set to Switch Input #2 by default.)

Speed-

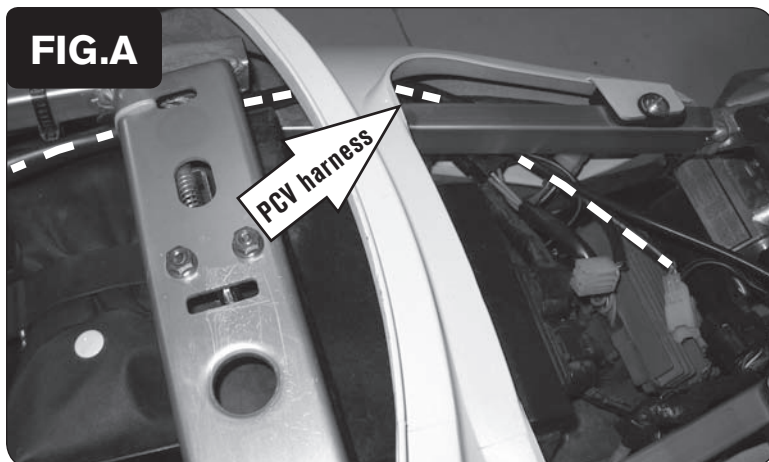
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent kill times when using a quickshifter.

Analog-

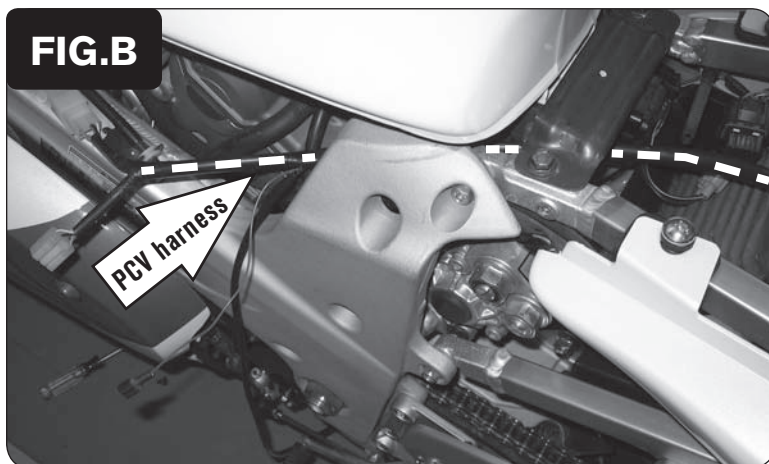
This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the control center software.

Crank-

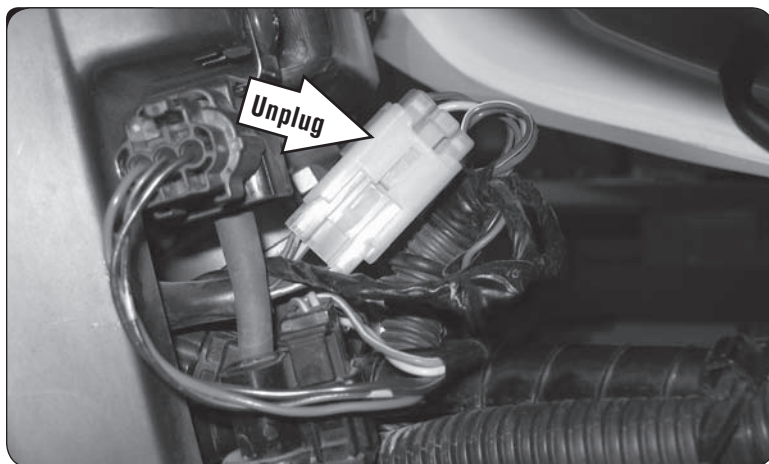
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.



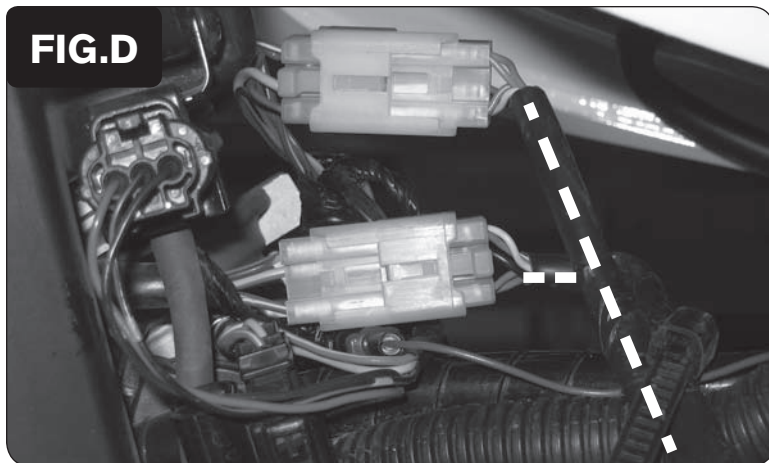
- 1 Remove the main seat and the passenger seat or solo cover.
- 2 Prop the fuel tank up using the prop rod in the tail section.
- 3 Lay the PCV in the tail section.
- 4 Route the wiring harness from the PCV under the tail section and go towards the battery (Fig. A).



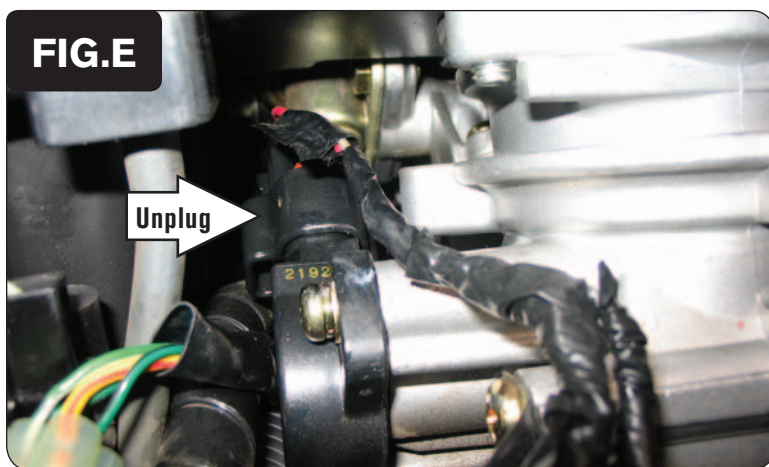
- 5 Route the PCV harness under the fuel tank bracket and to the left side of the rear cylinder (Fig. B).



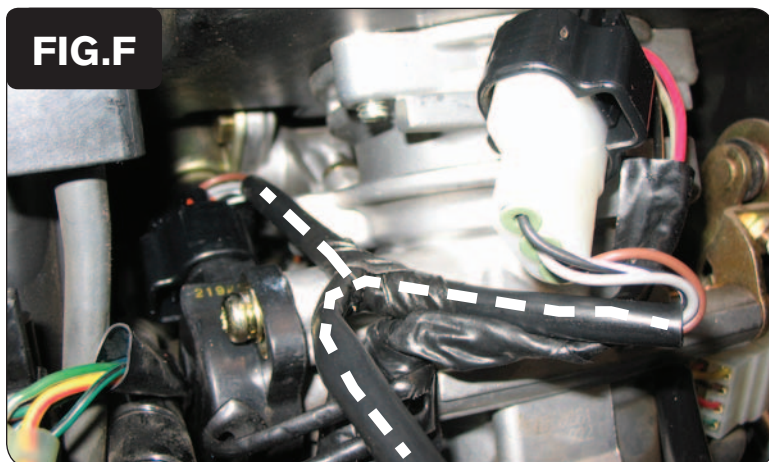
- 6 Locate and unplug the stock 6-pin clear connectors (Fig. C).
These connectors can be found to the left rear of the airbox.



- 7 Plug the connectors from the PCV in-line of the stock wiring harness and the throttle body sub-harness (Fig. D).



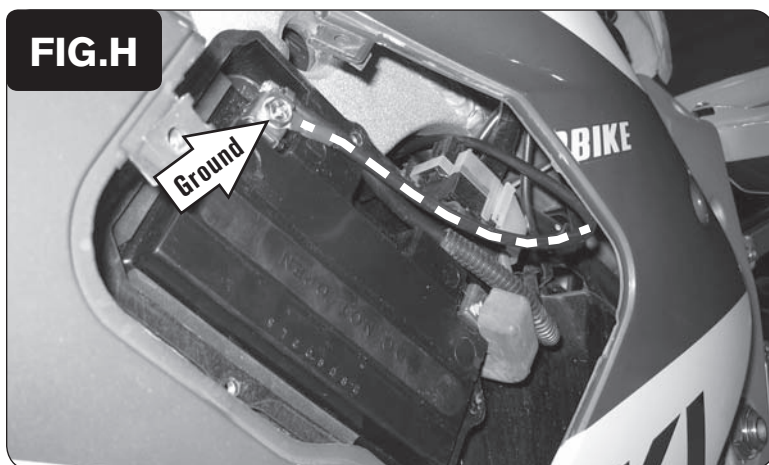
- 8 Locate and unplug the Throttle Position Sensor. This TPS connector has RED, GREY, and BLACK/BROWN wires and is located on the left hand side of the throttle body (Fig. E).



- 9 Plug the connectors from the PCV in-line of the stock wiring harness and the TPS (Fig. F).



- 10 Remove the battery access panel from the left hand fairing (Fig. G).
- 11 Remove the battery cover.



- 12 Route the ground wire from the PCV down the left side of the engine to the battery.
- 13 Attach the ground wire from the PCV to the negative side of the battery (Fig. H).
- 14 Install the PCV in the tail section using the supplied Velcro. Make sure to clean both surfaces with the alcohol swab before attaching the Velcro.
- 15 Replace all body work and lower the fuel tank back into position making sure none of the wires get pinched or damaged.