

[POWER] [COMMANDER III]

CERTIFIED **USB**

2007 Suzuki DL 650 Installation Instructions

Parts List

- 1 Power Commander
- 1 USB Cable
- 1 CD-ROM
- 1 Installation Guide
- 1 Power Adapter
- 2 Power Commander Decals
- 2 Dynojet Decals
- 1 Wire tap
- 2 Velcro® Strip
- 1 Alcohol Swab

The ignition MUST be turned OFF before installation!

You can also download the Power Commander software and latest maps from our web site at:

www.powercommander.com

Button Adjustment Display



Faceplate Buttons

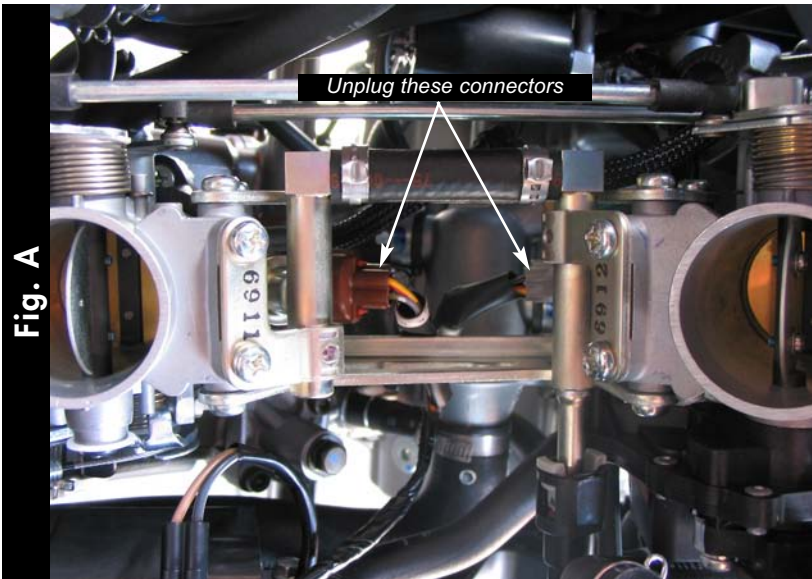
Expansion Port

USB Port



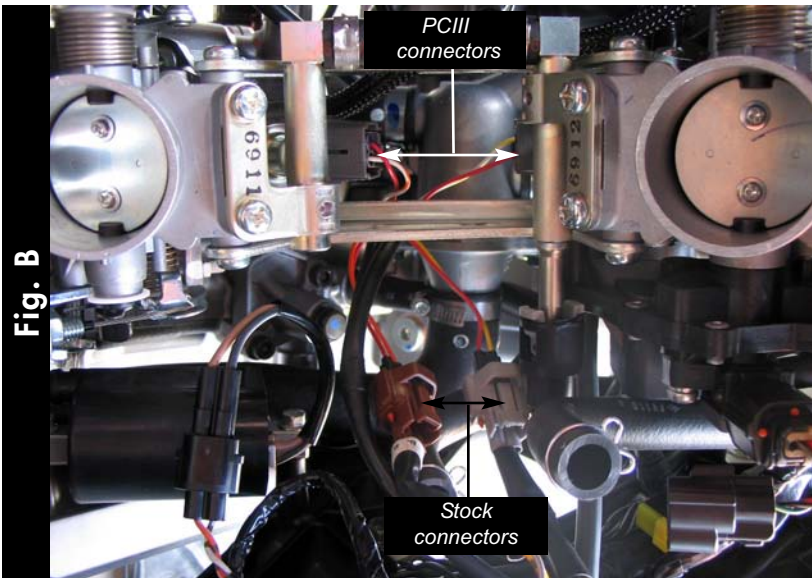
PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Fig. A



- 1 Remove the main seat and the passenger seat.
- 2 Prop the front of the fuel tank up using the Suzuki prop rod.
- 3 Remove the air box.
The airbox does need to be removed to perform this installation but may make it easier as the stock injector connectors can be very difficult to remove.
- 4 Route the Power Commander harness from the tail section towards the engine.
- 5 Locate the stock injector connectors. One is BROWN (frt cylinder) and one is GREY (rr cylinder). Unplug these connectors from the injectors.

Fig. B

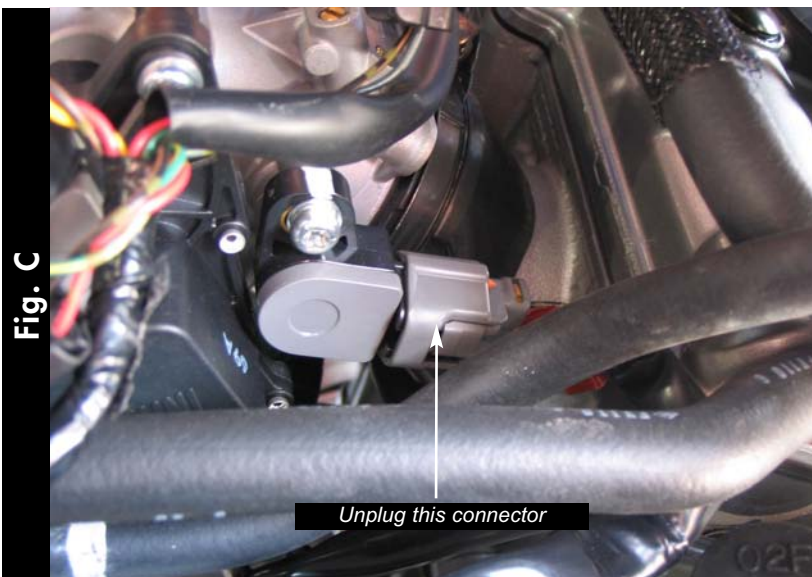


- 6 Plug the connectors from the PCIII in-line of the stock wiring harness and the injectors (Fig. B).

Connect the ORANGE wires from the PCIII to the front cylinder and stock BROWN connector.

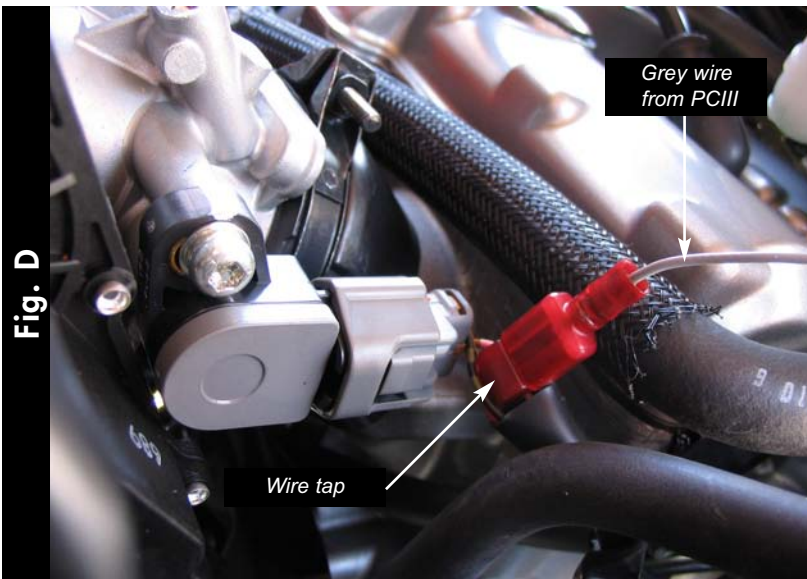
Connect the YELLOW wires from the PCIII to the rear cylinder and stock GREY connector.

Fig. C



- 7 Locate the Throttle Position Sensor connector, located on the left side of the throttle body.
- 8 Unplug the connector from the TPS (Fig. C).

Fig. D



- 9 Crimp the supplied wire tap to the PINK/WHITE wire of the stock wiring harness.
- 10 Connect the GREY wire from the PCIII to the wire tap (Fig. D).

We recommend using dielectric grease on these connections.

- 11 Plug the TPS connector back onto the throttle body.

Fig. E



- 12 Attach the ground wire from the Power Commander to the negative side of the battery (Fig. E).

Fig. F



- 13 Install the Power Commander in the tail section using the supplied velcro. Make sure to clean both surfaces with the alcohol swab before attaching.
- 14 Reinstall the air box if it was removed and bolt the fuel tank back down. Install the main seat and the passenger seat.