

[POWER] [COMMANDER III]

CERTIFIED **USB**

2004-2007 Suzuki DL650 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
- 2 Velcro® Strip
- 1 Wire tap
- 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



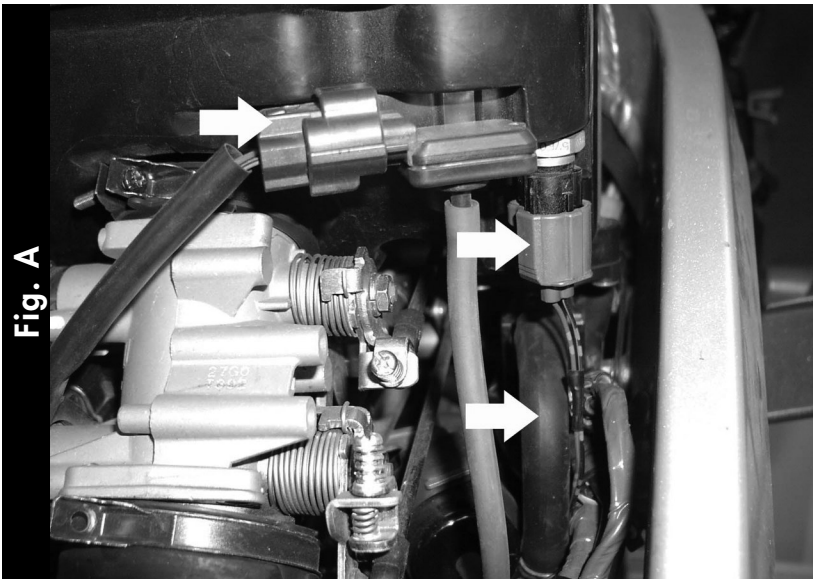
Faceplate Buttons

Expansion Port

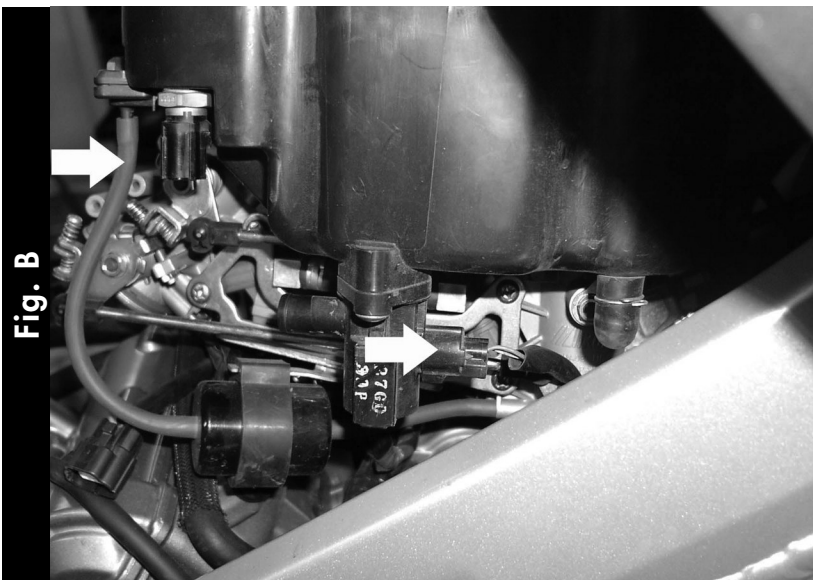
USB Port



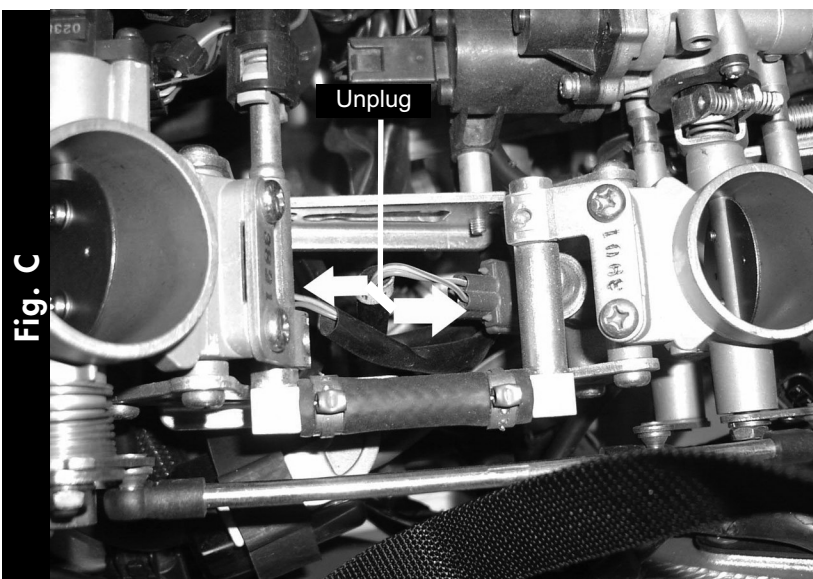
PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION



1. Remove the seat.
2. Prop the front of the fuel tank up.
3. Remove the airbox by unplugging the connectors and hoses shown in Figure A & B.



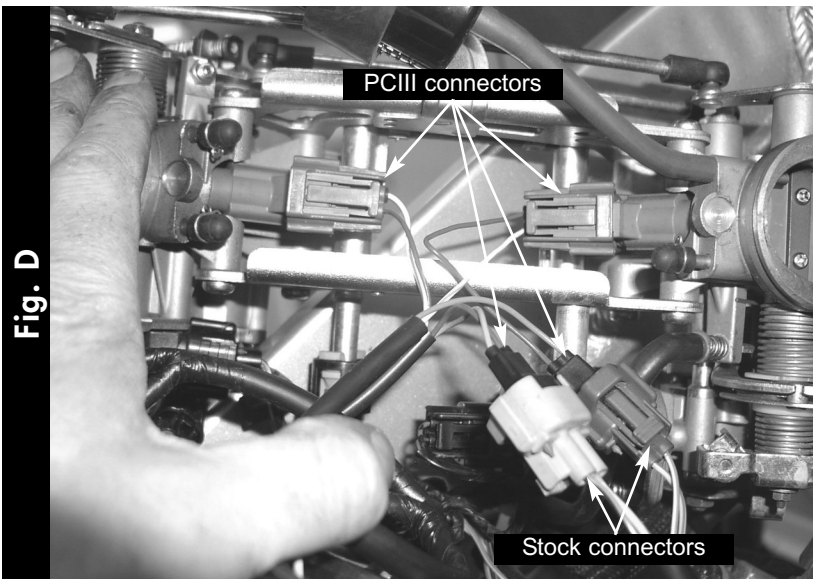
4. Loosen the clamps holding the throttle bodies into the intake manifolds.
5. Pull the throttle bodies out of the intake manifolds to allow access to the injectors.



6. Unplug the stock wiring harness from each injector (Fig. C).

Note the orientation of the wires for each cylinder.

Fig. D

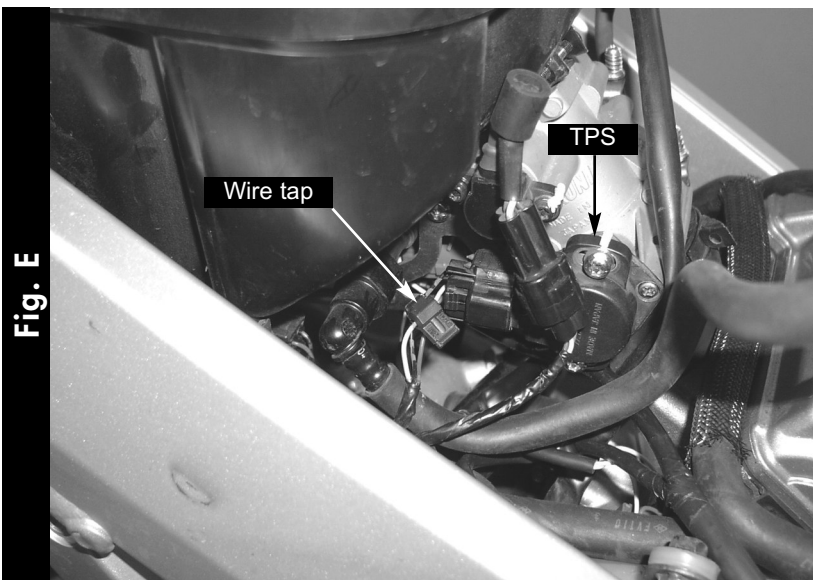


7 Plug the wiring harness from the PCIII in-line of the stock wiring harness and injectors (Fig D).

Plug the ORANGE colored wires to the front cylinder and the YELLOW colored wires to the rear cylinder.

8 Reinstall the throttle bodies into the intake manifolds. Tighten clamps.

Fig. E



9 Locate the Throttle Position Sensor on the left hand side of the throttle bodies.

10 Attach the supplied wire tap to the PINK wire of the stock TPS wiring harness (Fig. E).

11 Connect the GREY wire from the PCIII to the wire tap.

Note: It is recommended to use dielectric grease on these connections.

12 Reinstall the airbox and connect all hoses and wires.

Fig F



13 Route the Power Commander harness as shown in fig. F.

14 Attach the ground wire from the Power Commander to the negative side of the battery.

15 Use the supplied velcro to attach the PCIII to the inner rear fender. Make sure to use the supplied alcohol swab to clean both surfaces first.

16 Reinstall fuel tank and seat.