

[POWER] COMMANDER III

CERTIFIED **USB**

2000-2008 Kawasaki 1500 Vulcan Classic **Installation Instructions**

Parts List

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

Button Adjustment Display



Faceplate Buttons

Expansion Port

USB Port

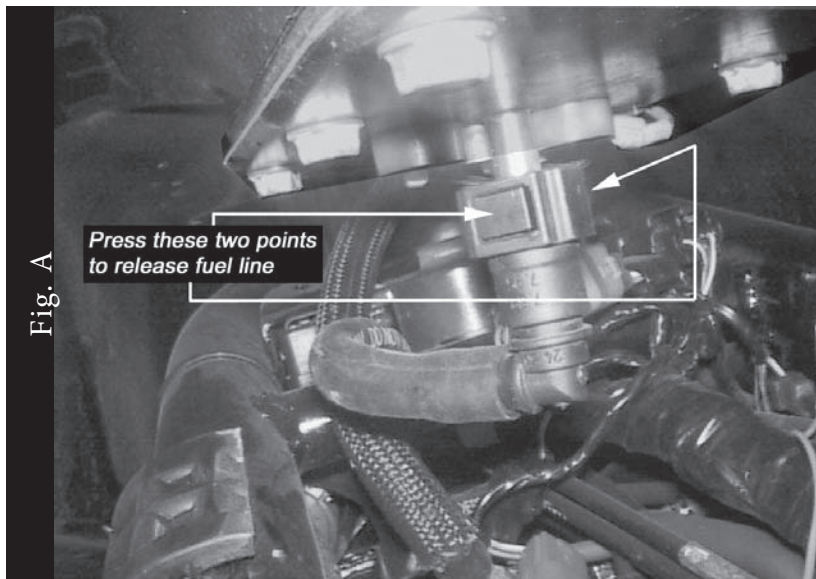


The ignition MUST be turned OFF before installation!

The latest Power Commander Software and Map files can be downloaded from our website at:

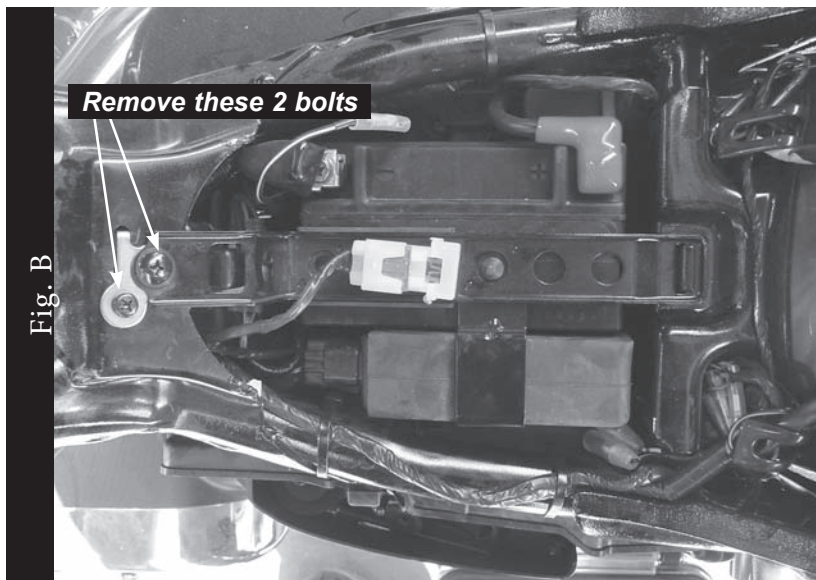
www.powercommander.com

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

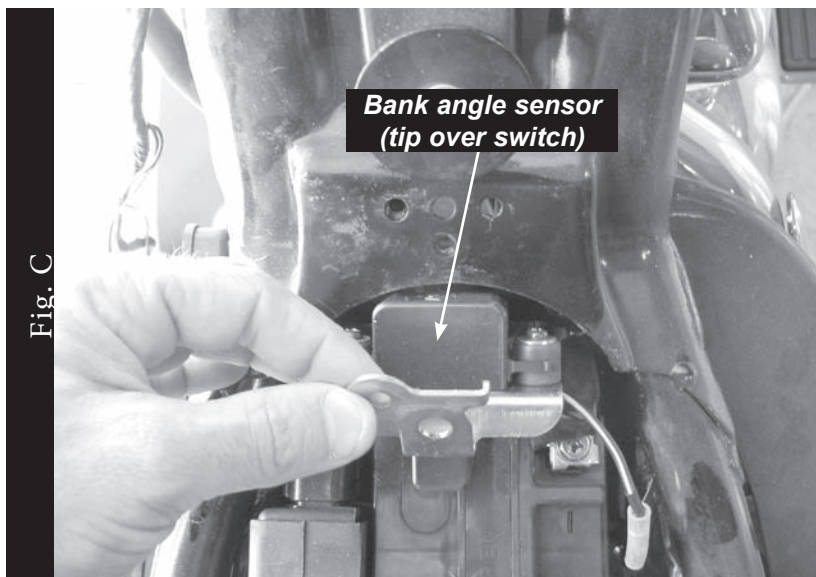


- 1 Remove the seat.
- 2 Remove the left side cover.
- 3 Remove the speedometer assembly.
- 4 Unbolt the fuel tank.

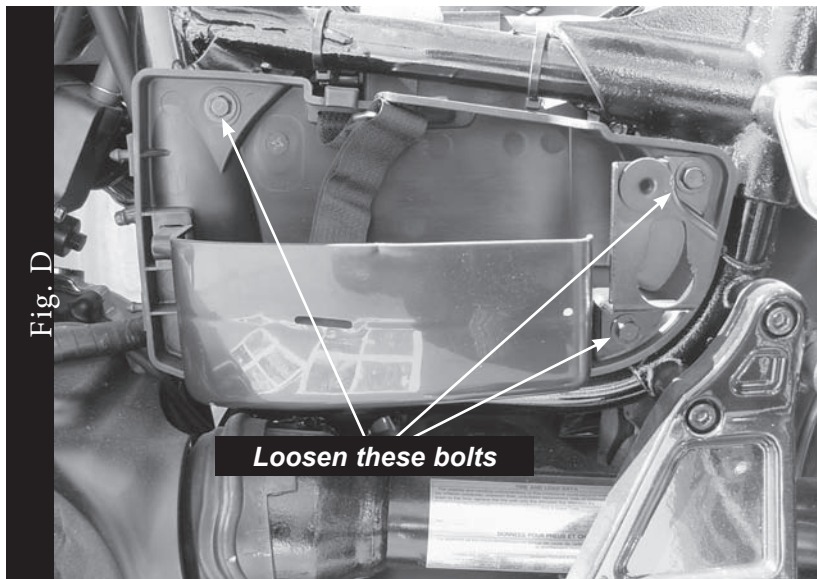
NOTE: It is not necessary to remove the fuel tank. It does however make the installation easier. If you do remove the tank, pay attention to the vent hose routing. Pressing the tabs on the black fuel line connector will allow the fuel line to be disconnected (Fig. A)



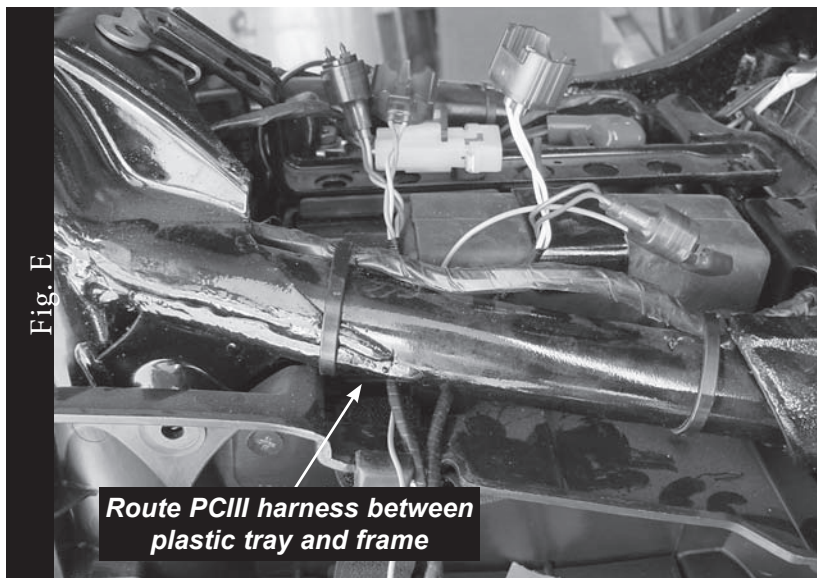
- 5 Remove the battery/ECU hold down bracket (Fig. B).



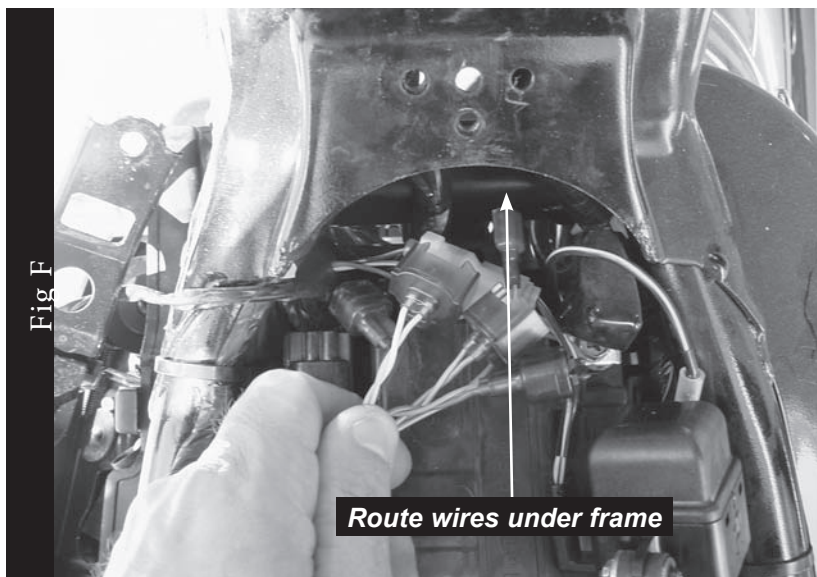
- 6 Unbolt and move the bank angle (tip over) sensor out of the way (Fig. C).



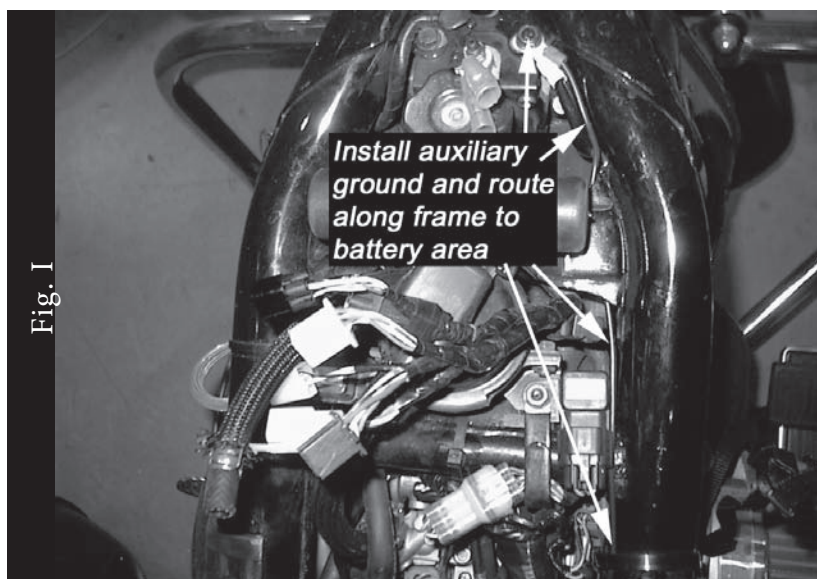
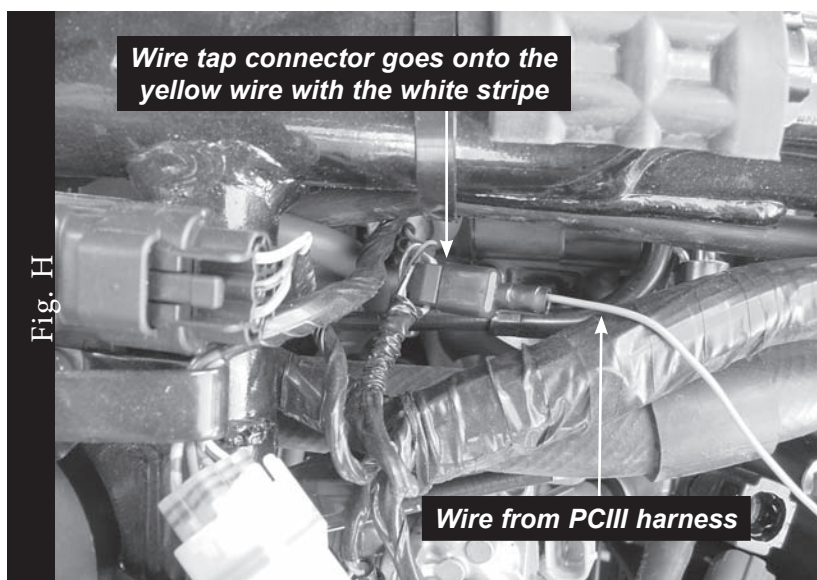
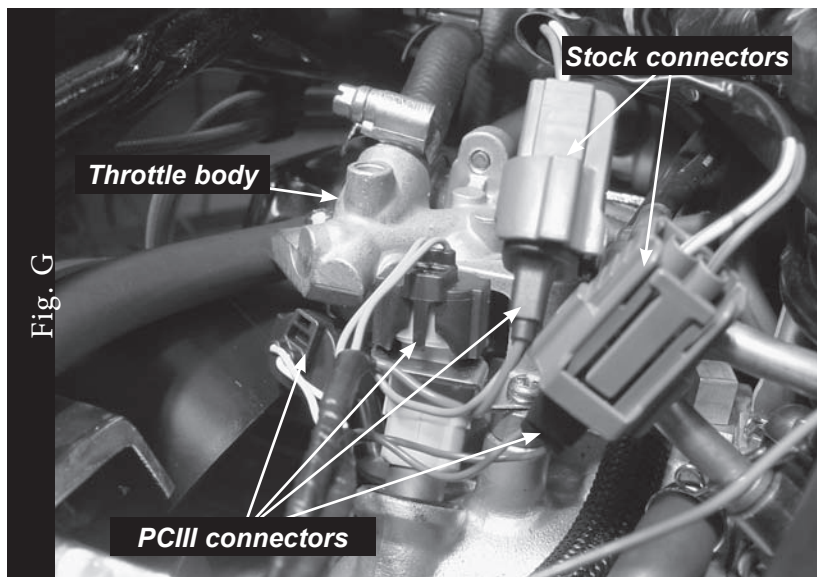
- 7 Loosen the bolts holding the plastic tray on the left side of the bike (under the left side cover) (Fig. D).



- 8 Route the wire from the PCIII behind the plastic tray and under the frame side rail (Fig. E).
- 9 Retighten the bolts holding the plastic tray.



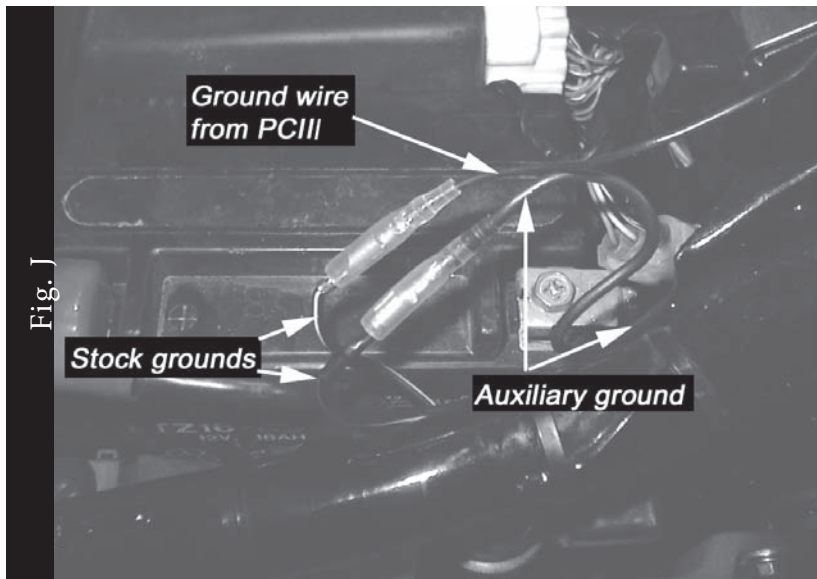
- 10 Continue routing the wires from the PCIII under the frame near the lower fuel tank mount and go up to the throttle body area (Fig. F).



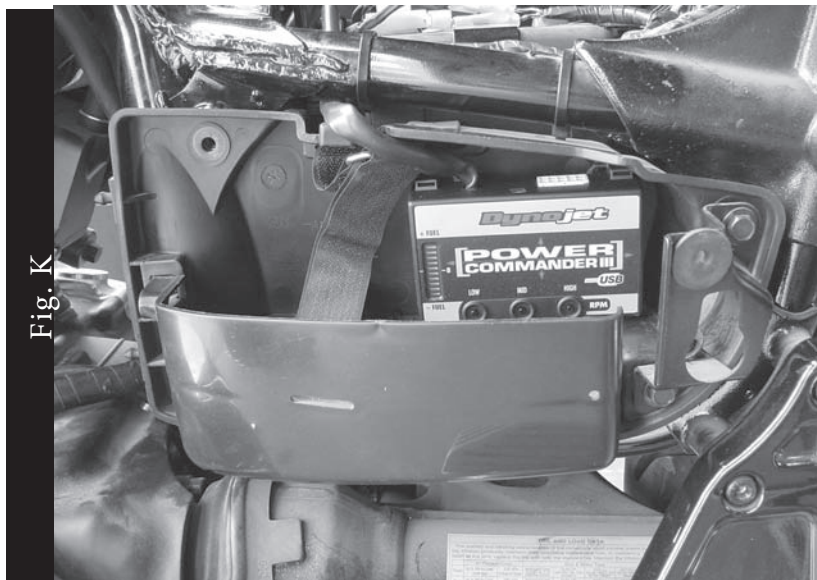
- 11 Disconnect the injector connector from the rear injector (Fig. H).
- 12 Plug the female PCIII connector with ORANGE/WHITE wire onto the rear injector (Fig. H).
- 13 Connect the male PCIII connector with ORANGE wire onto the stock injector connector (Fig. H).
- 14 Repeat steps 11 thru 13 for front injector using the PCIII connectors with the YELLOW colored wires.
- 15 Locate the wires coming from the throttle position sensor. (Fig. H). The throttle position sensor is located on the right hand side of the throttle body. It is between the frame and engine
- 16 Using the supplied Posi-tap, attach the unterminated GREY wire of the PCIII wiring harness to the stock YELLOW/WHITE wire of the bike's TPS.

Note: The picture in Figure H was taken with a different type of t-tap connection. See page 5 for the Posi-tap description of use.

- 17 Install the auxiliary ground wire in the location shown in Fig. I. Unscrew the bolt that secures the stock ground wire and install the auxiliary ground wire supplied. Route the wire along the right hand side of the frame towards the battery location.



- 18 Disconnect the stock ground wire (black with yellow stripe) from the negative battery lead. Plug the wire with the male bullet connector from the PCIII into the female end of the stock connector and plug the female end of the auxiliary ground wire into the male end of the stock connector (Fig. J).



- 19 Attach the PCIII module to the plastic tray (or the charcoal canister on California models) under the left side cover (Fig. K).
- 20 Reinstall the side cover.
- 21 Reinstall the seat.

