

[POWER] COMMANDER III

CERTIFIED **USB**

2008 Victory 100" models

Installation Instructions

Parts List

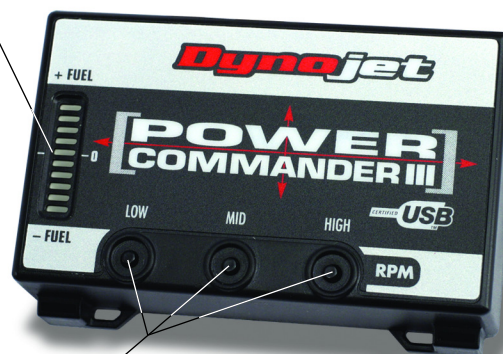
- 1 Power Commander
- 1 USB Cable
- 1 CD-ROM
- 1 Installation Guide
- 1 Power Adapter
- 2 Power Commander Decals
- 2 Dynojet Decals
- 2 Velcro® Strip
- 1 Alcohol Swab

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



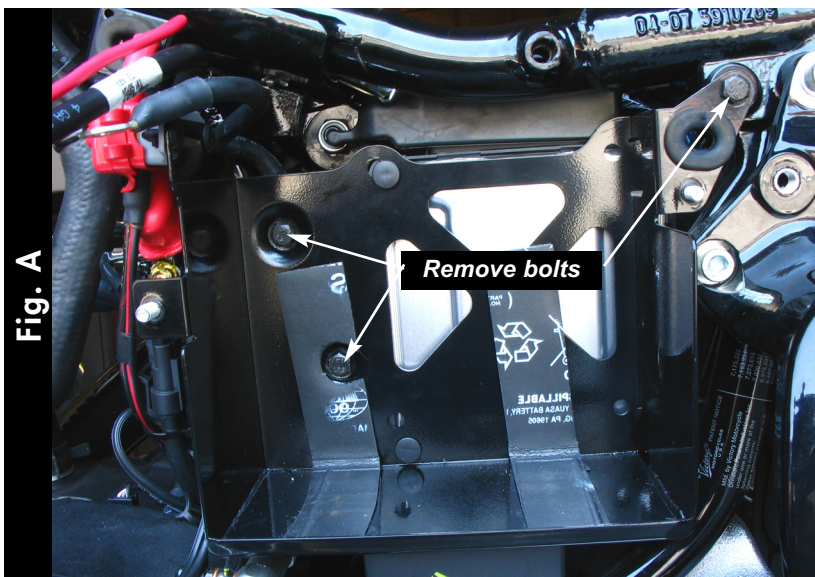
Faceplate Buttons

Expansion Port

USB Port



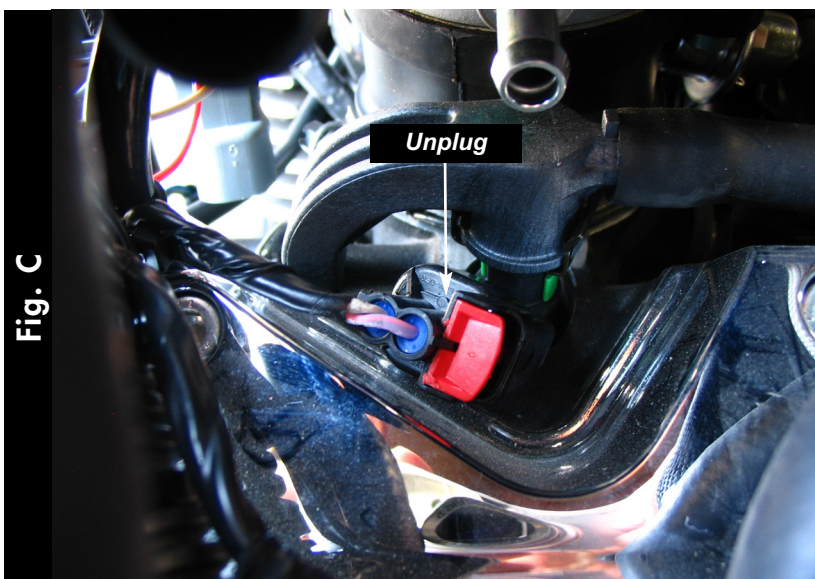
PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION



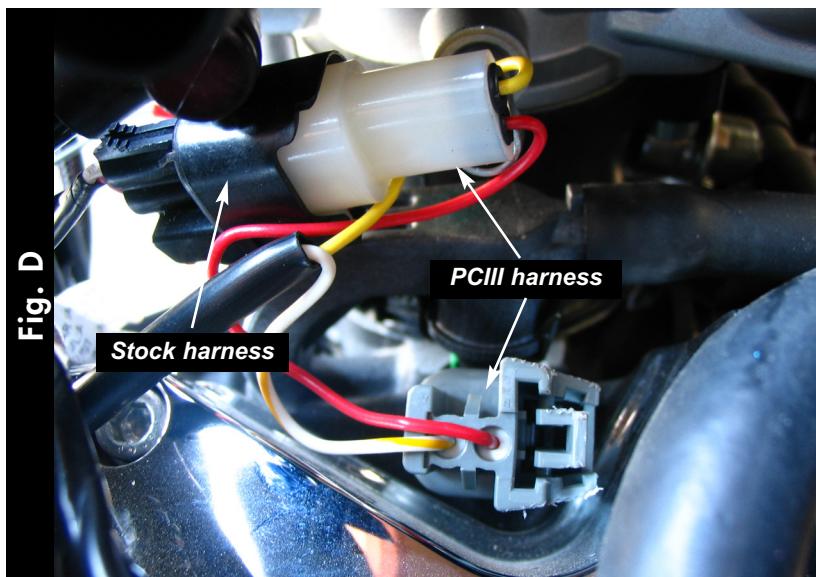
- 1 Remove the main seat and both side covers.
- 2 Prop the rear of the fuel tank up or remove the fuel tank.
- 3 Remove the battery
- 4 Remove the battery tray by removing the 3 bolts shown in Figure A.



- 6 Lay the PCIII near the ECU and route the PCIII harness down the left hand side of the bike following the stock wiring harness (Fig. B).

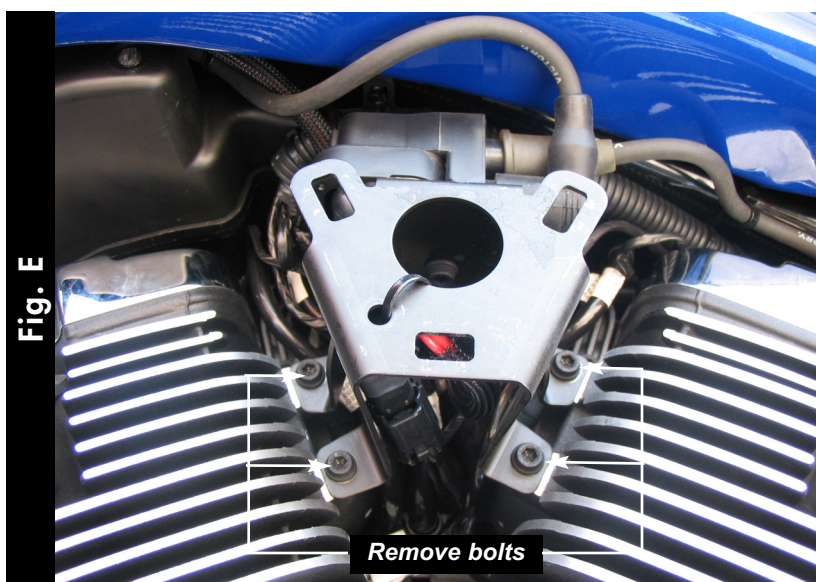


- 7 Locate the rear injector. Pull out the RED clip to remove the stock wiring harness from the injector (Fig. C).

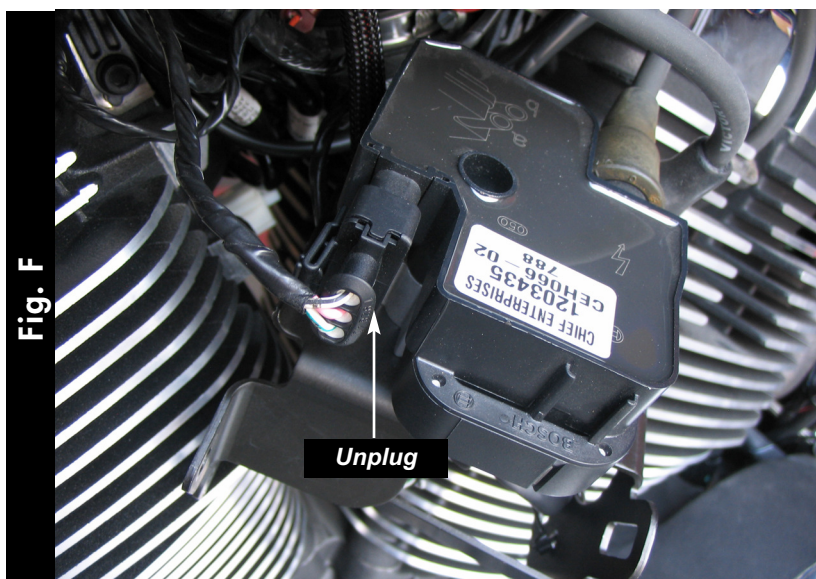


- 8 Plug the YELLOW colored wires from the PCIII in-line of the stock wiring harness and fuel injector (Fig. D)
- 9 Repeat steps 7&8 for the front injector using the ORANGE colored wires from the PCIII.

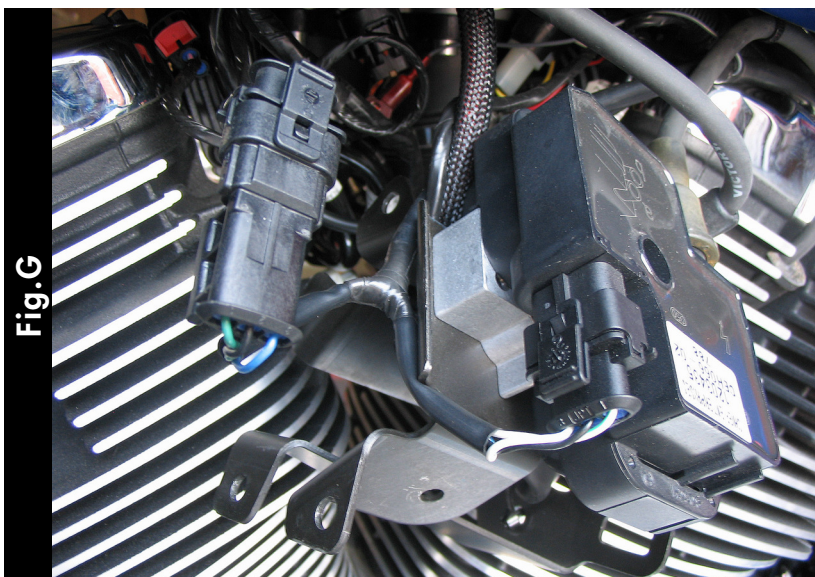
The front injector is very difficult to access but it can be done without removing the air box. Using a set of long hemostats aids in this process.



- 10 Remove the 4 bolts that hold the Ignition coil bracket to the engine (Fig. E).



- 11 Unplug the stock wiring harness from the Ignition coil (Fig. F).



- 12 Plug the PCIII wiring harness in-line of the stock wiring harness and Ignition coil (Fig. G).



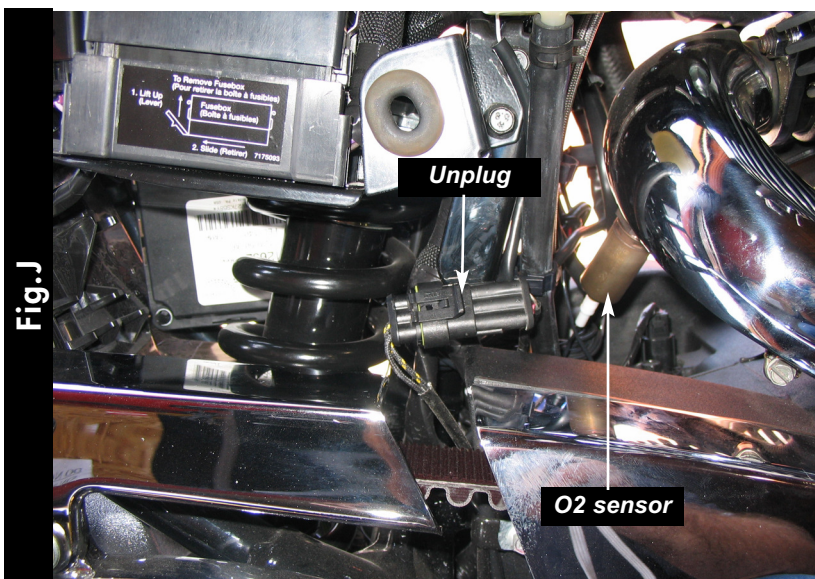
- 13 Locate the Throttle Position Sensor wiring harness on the left hand side of the throttle bodies.

This is located behind the Ignition coil.

- 14 Crimp the supplied wire tap to the ORANGE wire. Plug the GREY wire from the PCIII to the wire tap (Fig. H)

It is recommended to use dielectric grease on these connections.

- 15 Reinstall the Ignition coil bracket.

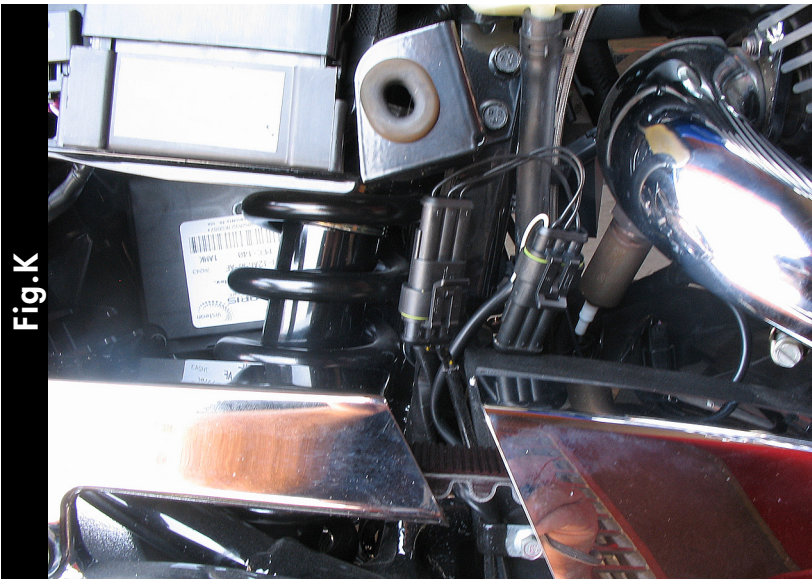


- 16 Locate the crank pickup coil connector on the right hand side of the bike near the rear shock (Fig. J).

This is a BLACK 3 pin connector

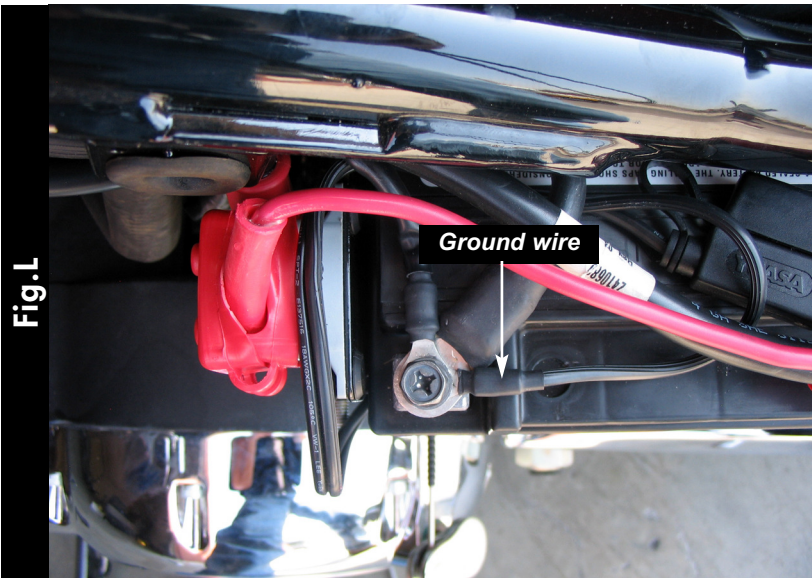
- 17 Unplug this connector.

Fig.K



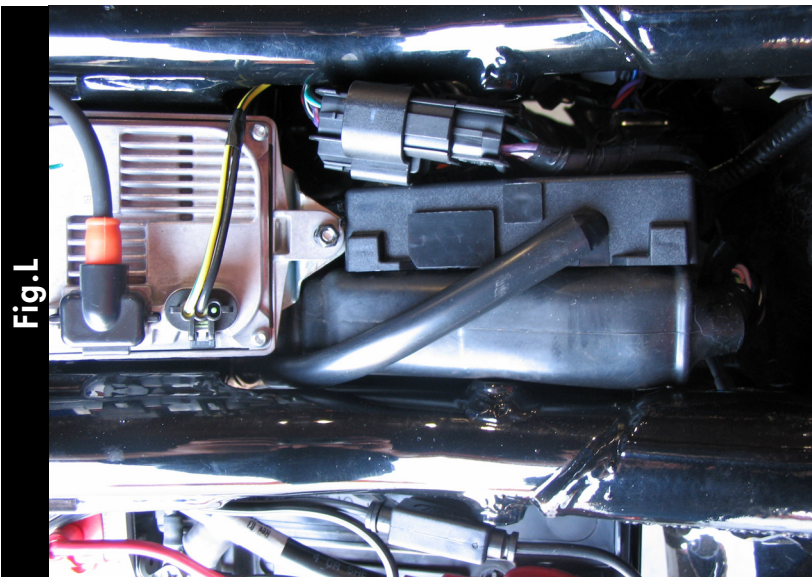
- 18 Plug the PCIII harness in-line of the stock wiring harness and crank pickup coil connector (Fig. K).

Fig.L



- 19 Attach the ground wire from the PCIII to the negative side of the battery (Fig. L).

Fig.L



- 20 Install the PCIII next to the ECU. You can use the supplied velcro if desired.
- 21 To get the full potential out the bike and PCIII the stock O2 sensors need to be disconnected from the wiring harness. Locate the O2 sensor in each exhaust and follow the wire to the main wiring harness. Unplug the sensor from the harness. The rear O2 sensor can be seen in Figure.J.
- 22 Reinstall all bodywork.