

[POWER] COMMANDER III

2002-2004 Yamaha Road Star Warrior. Installation Instructions

Parts List

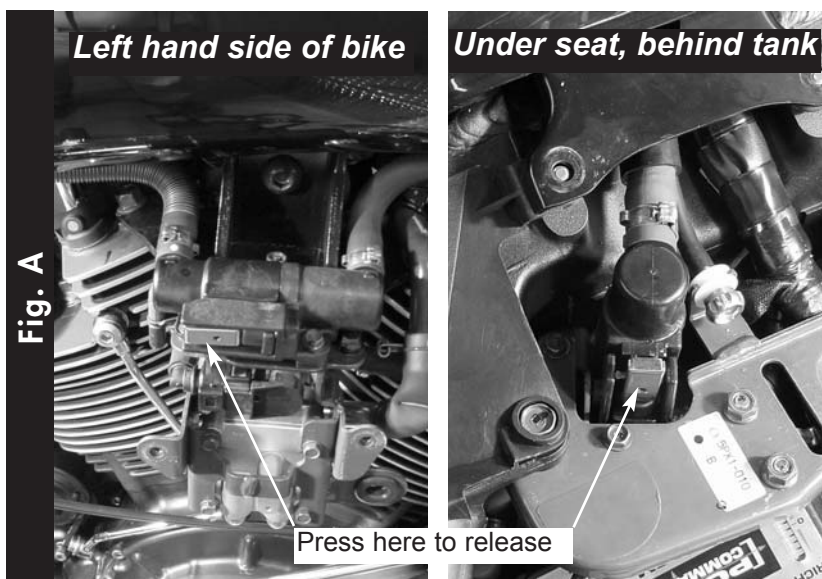
- 1 Power Commander
- 1 CD-ROM
- 1 Installation Guide
- 1 Wire Tap Connector
- 1 Protective Sleeve
- 1 Power Adapter
- 2 Power Commander Decals
- 2 Dynojet Decals
- 1 Velcro® Strip
- 1 Alcohol Swab



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

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

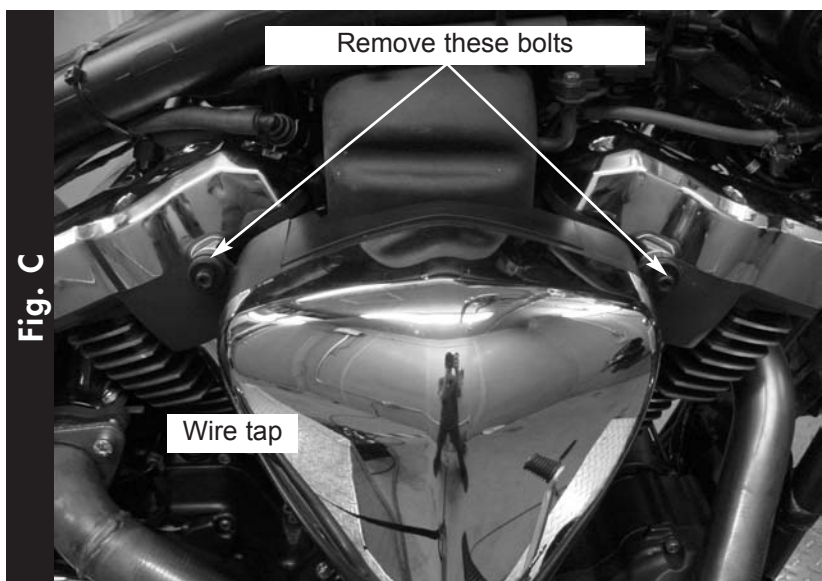


- 1 Remove the seat. Remove the two nuts at the rear of the fuel tank.
- 2 Remove the left hand cosmetic cover (chrome triangle cover that looks like an airbox).
- 3 To remove the fuel tank release the two drybreaks shown in Fig. A1 and A2.

NOTE: Do not cut the metal bands around the fuel lines to remove.



- 4 Disconnect the two hoses shown in Fig. B for the emission system.



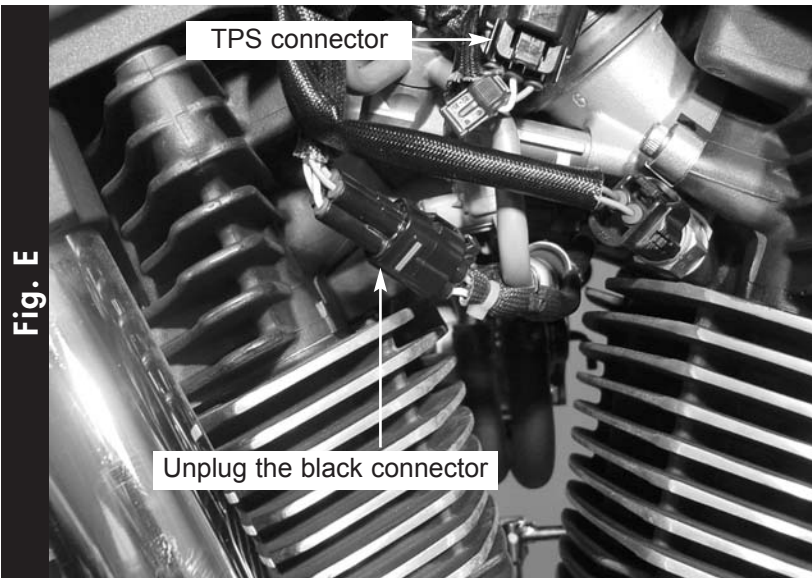
- 5 Remove the airbox. To remove, unscrew the two bolts shown in Fig. C. Also loosen the clamp screw at the intake snorkel. To access this screw go in from the top of the bike on the inside of the frame.

Fig. D



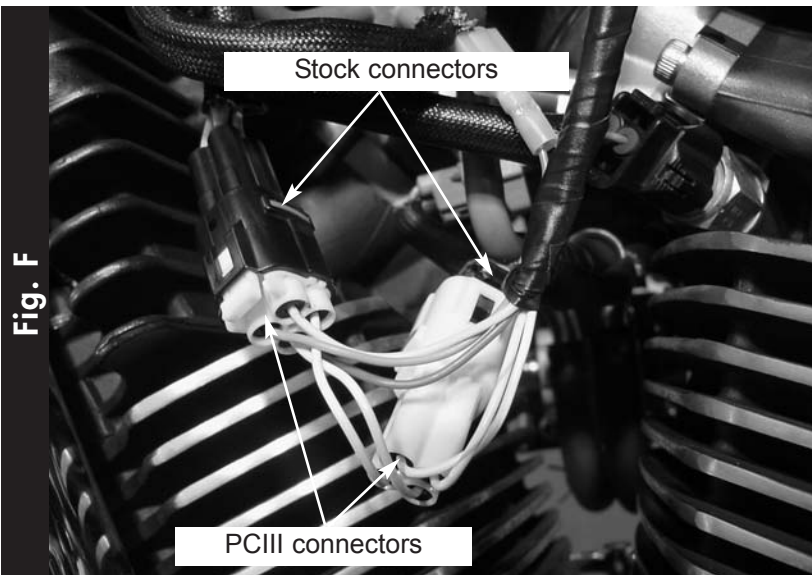
- 6 Route the wires from the PCIII from the under the frame bracket towards the airbox (Fig. D.) Route the wires along the frame using the stock wire wraps.

Fig. E

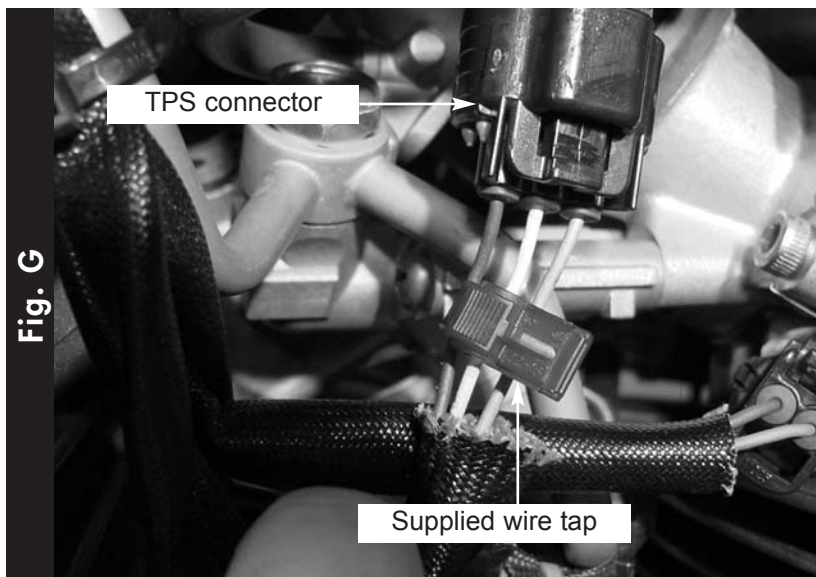


- 7 Unplug the black connector for the fuel injectors (Fig. E).

Fig. F



- 8 Plug the white leads from the PCIII in-line of this connection (Fig F).



9 Locate the TPS connector on the right hand side of the throttle body (as seen in Fig. E).

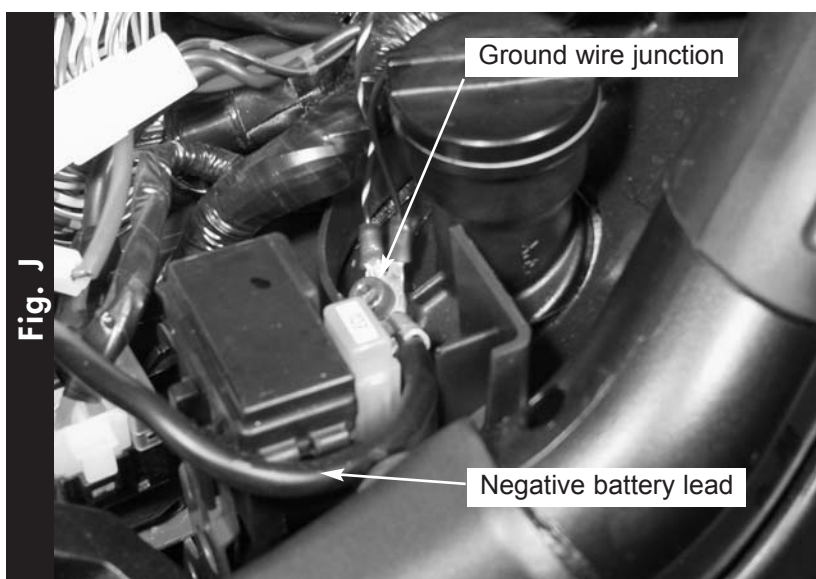
10 Connect the supplied wire tap to the yellow wire (center wire).
Fig. G

Note: It is recommended to use dielectric grease on this connection.



11 Connect the grey lead from the PCIII to the supplied wire tap (Fig. H).

Note: It is recommended to use dielectric grease at this connection.



12 Locate the stock ground. Follow the negative battery cable to the frame. Remove the allen bolt that secures the ground cable to the frame. Reinstall the allen bolt thru the stock ground cable, then thru the two ground wires from the PCIII into the frame (Fig. J).

Fig. K



- 13 Place the PCIII inside the provided protective sleeve (Fig. K)

Fig. L



- 14 Install the PCIII in front of the ECU (Fig. L). This picture shows the PCIII out of the sleeve, make sure to use the provided sleeve.