

## Floppy Disc Request Form

If you do not have a CD-Rom drive and would like to receive the program and the alternate maps for your model on a 3 1/2" floppy disc, please fax this form to Dynojet at 1-702-399-1431 or call 1-800-992-4993

Bike Model \_\_\_\_\_

Name \_\_\_\_\_

Street \_\_\_\_\_

Town \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

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

[www.powercommander.com](http://www.powercommander.com)



**Dynojet Research**  
2191 Mendenhall Drive  
North Las Vegas, NV 89031  
1-800-992-4993



2002-2003 Yamaha  
YZF1000 R1



### Parts List

1	Power Commander	405-310
1	CD-ROM	152-23000
1	Installation Guide	1405-311
1	Power adapter	66116001

## Installation Instructions for

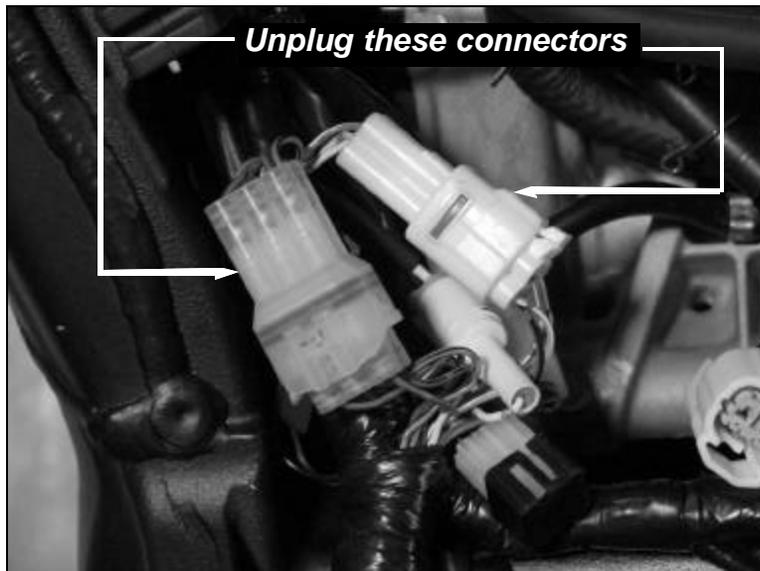
# 2002-2003 Yamaha YZF1000 R1

**The ignition MUST be turned off before installation!!**

### **PLEASE READ ALL THE DIRECTIONS BEFORE STARTING INSTALLATION**

- 1 Remove the main seat and the passenger seat / solo cover.
- 2 Lift the front of the fuel tank up.
- 3 Locate the connectors shown in Fig. A. These connectors are located behind the throttle bodies on the left hand side of the bike.
- 4 Unplug the two connectors shown in Fig. A.

Fig.A



## Trouble Shooting

If you feel that you are having any problems at all with the Power Commander III, disconnect it from your motorcycle. This will allow the motorcycle to run directly off of the stock ECU.

**The lights don't come on when I turn the ignition switch on.**  
Check to make sure connectors are seated and the kill switch is in the "run" position.

**The on-board adjustment buttons do not hold their settings.**  
Be sure to wait 20-30 seconds after making adjustments before starting or turning off the bike.

**Can not upload to or download from the Power Commander III.**  
Check to see that the serial cable is firmly in place. Verify that ignition switch is on and the kill switch is in the "run" position.

**My mouse uses the same serial port.**  
If your computer has a PS/2 port purchase a DB9 to PS/2 adapter for your mouse.

**I get a "verify failed...." message when I upload a map to the Power Commander III.**  
Programs running in the background or fluctuations in supply voltage (from outlet) can sometimes cause this error. In most cases, the information was sent properly to the Power Commander III. Pushing the "upload all" button again should produce a "tables sent and verified" message.

**I typed in notes, but they didn't save.**  
You need to first push the "accept" button in the notes window and then the "save file" button.

## Adjusting Your Power Commander

Your Power Commander has been programmed with a base map for your application. You can adjust the base map or install an alternate map using your computer. Please refer to the supplied CD-Rom for more information.

You can also adjust your Power Commander using the face plate buttons as described below.

**NOTE:** On this model the injectors are powered down shortly after turning the ignition on. To send a map, adjust the throttle position or adjust the buttons you will need to use the Power Adaptor (#66116001 or 76423001).

Plug the power adapter up to the Power Commander. Then plug the 9 pin serial cable to the other side of the power adapter (see figure below).



1. Hold all three buttons down firmly.
2. While holding the buttons down connect the battery to the power up adapter.
3. Release the buttons.
4. Select the range you wish to adjust: Low, Med, High, by pushing the corresponding button once.
5. At this point holding that button down will move the lights down (leaning out the mixture).
6. Pushing the button repeatedly will move the light up (richening the mixture).
7. When the two center lights are lit up this is the "0" setting.

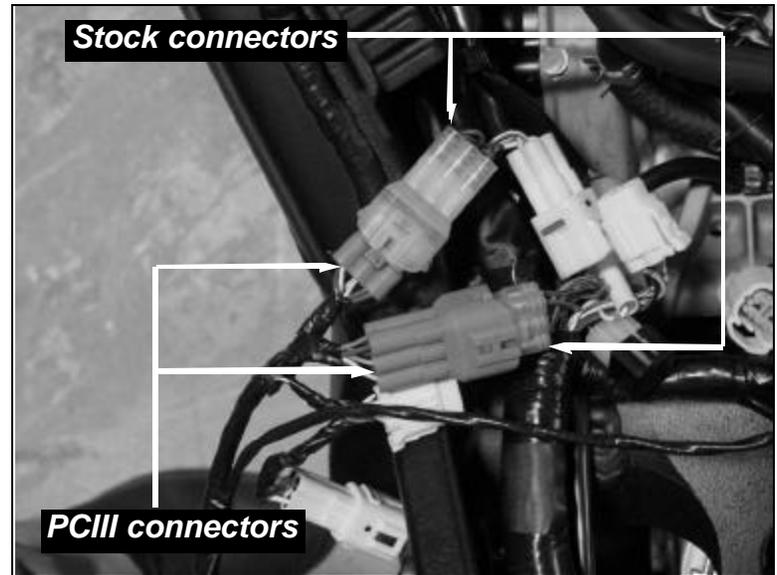


Hold these buttons and start the bike or hook up the power adapter to adjust the Power Commander III

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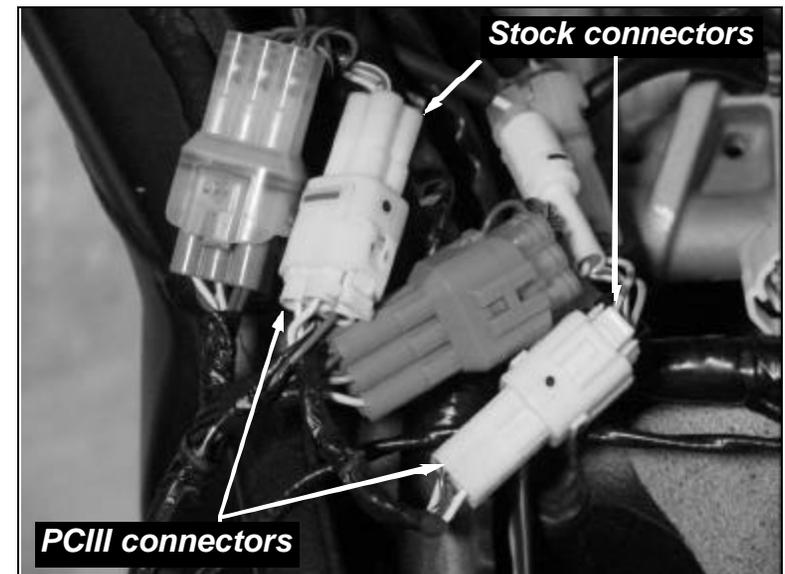
- 5 Plug the fuel connectors from the PCIII (clear connectors) in-line of the stock wiring harness (Fig. B).

Fig.B



- 6 Plug the TPS connectors from the PCIII (white connectors) in-line of the stock wiring harness (Fig. C).

Fig.C



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

Fig.D



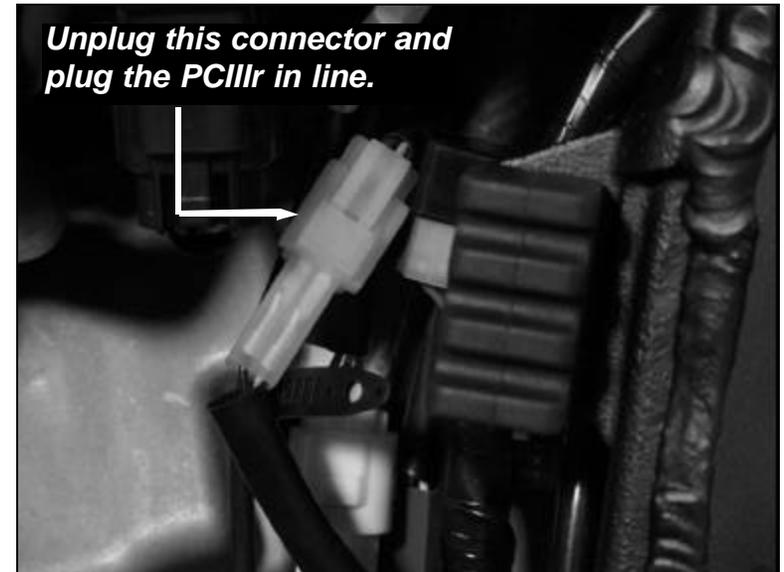
- 8 Install the PCIII in the rear section of the trunk using the supplied velcro (Fig. E). Make sure to clean both surfaces first with alcohol.

Fig. E



- 9 Unplug the connector shown in Fig. F. This connector is located under the fuel tank on the right hand side and is white in color. Follow the wires coming out of the pickup cover on the right hand side of the engine.

Fig.F



- 10 Plug the ignition connectors (white two pin connector) from the PCIIIr in line of the stock wiring harness (Fig. F).

**WARNING!** There is a similar connector next to this one that is brown in color. Do not connect to the brown connector or damage may occur to the Power Commander.