

## 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



02-04 GSX1300R Hayabusa  
 PCIII/PCIIIr



### Parts List

1	Power Commander	312-210
1	CD-ROM	152-23000
1	Installation Guide	I312-211

## Installation Instructions for

# 02-04 GSX1300R Hayabusa

These instructions cover the installation for the PCIII and the PCIIIr with ignition.

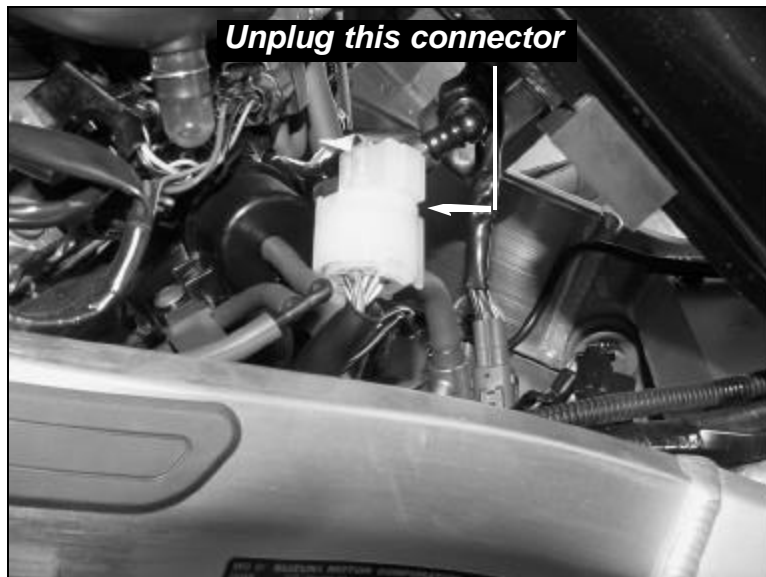
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**The ignition MUST be turned off before installation!!**

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

- 1 Remove the main seat and the passenger seat.
- 2 Hold the front of the fuel tank up using the prop rod located in the trunk area.
- 3 Locate the connector from the main wiring harness to the injector rail and unplug this connector (Fig. A).  
**NOTE:** This connector is white in color.

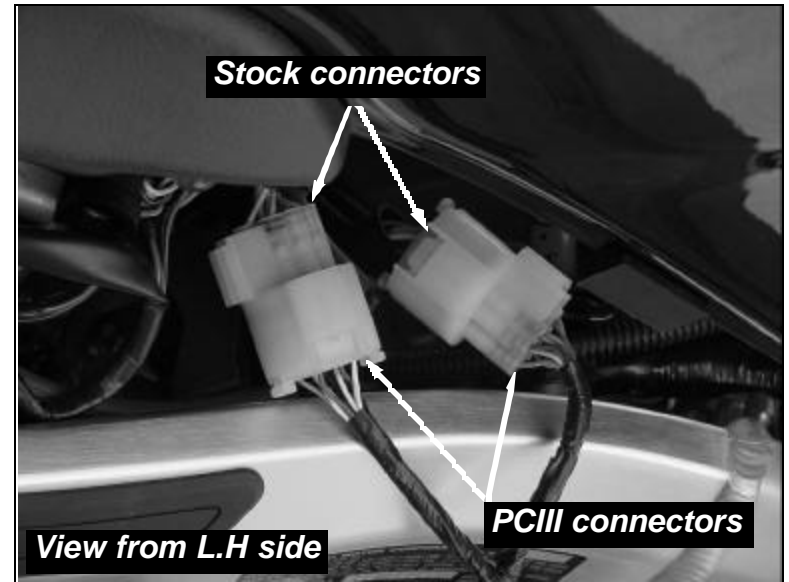
Fig.A



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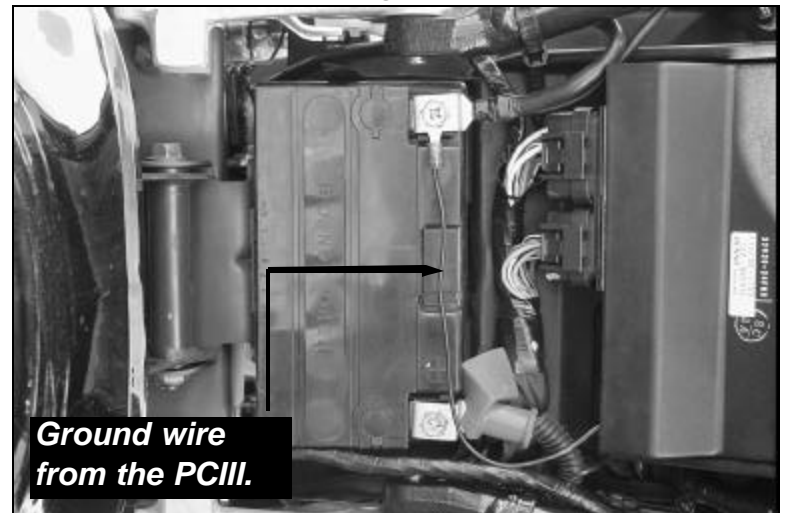
- 4 Plug the connectors from the PCIII in-line of the stock wiring harness (Fig. B).

Fig.B



- 5 Route the PCIII wiring along the inside of the frame towards the battery.
- 6 Attach the ground wire from the PCIII to the negative side of the battery (Fig. C).

Fig.C



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

Fig. D



- 8 **NOTE: FOR PCIIIr ONLY.**

If you are installing the PCIIIr with ignition adjustment locate the black connector from the generator cover (Fig. E). This connector has blue and green wires.

- 9 Unplug this connector and plug the small red connectors from the PCIIIr in-line of the stock wiring harness (Fig. F).

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## 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.

Fig.E

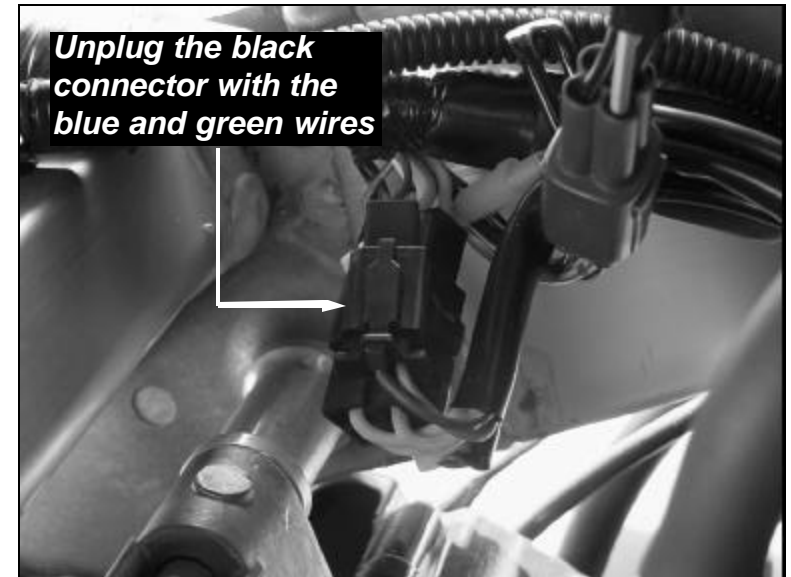
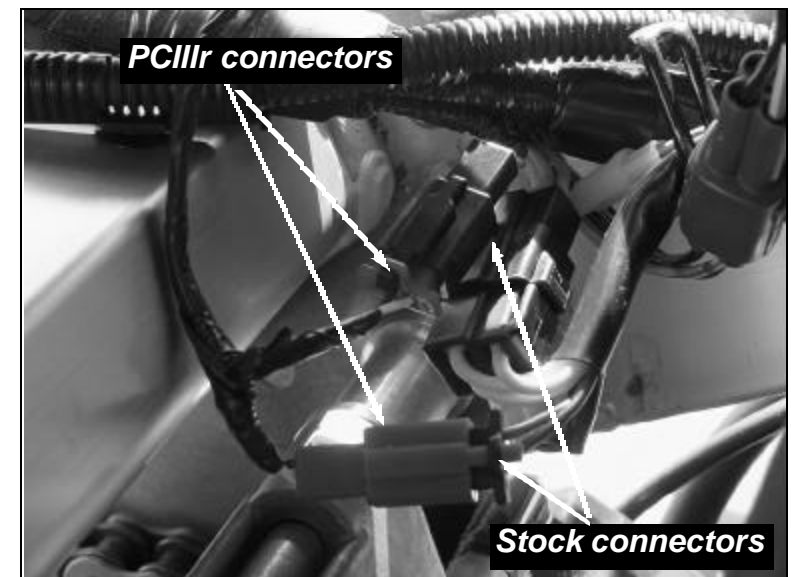


Fig.F



- 10 Make sure all the wires are routed properly.
- 11 Bolt down the fuel tank.  
**NOTE:** When lowering the fuel tank make sure the fuel line does not kink at the frame support. If the fuel line does kink the bike may not run properly.
- 12 Reinstall the main seat and the passenger seat.

### 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 adjust the buttons you will need to use the Power Adaptor (#66116001 or 76423001). After hooking up the Power Adaptor to the PCIII follow the instructions below.

1. Switch the emergency kill switch to the run position.
2. Hold all three buttons down.
3. While holding the buttons down turn on the ignition switch.
4. After turning on the ignition switch release the buttons.
5. Select the range you wish to adjust: Low, Med, High, by pushing the corresponding button once.
6. At this point holding that button down will move the lights down (leaning out the mixture).
7. Pushing the button repeatedly will move the light up (richening the mixture).
8. When the two center lights are lit up this is the "0" setting.

After making your adjustments wait 20 seconds before starting the bike or turning it off. This allows the settings to be saved to memory. To verify that it is safe to start the bike, move the throttle and watch to see if the lights move up and down the scale. If they do, you may start or turn off the bike.

**If you do not have the Power Adaptor follow the instructions below.**

1. Switch the emergency kill switch to the run position.
2. Turn the ignition switch on and watch the green light on the PCIII turn on and then off.
3. Hold all three buttons down and start the bike at the same time. This may be difficult due to the clutch safety switch.
4. After the bike starts release the buttons.
5. Select the range you wish to adjust: Low, Med, High, by pushing the corresponding button once.
6. At this point holding that button down will move the lights down (leaning out the mixture).
7. Pushing the button repeatedly will move the light up (richening the mixture).
8. When the two center lights are lit up this is the "0" setting.



Hold these buttons and start the bike to adjust the Power Commander III