

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



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



2001-2003 EFI Harley Davidson Softail
 Fits all models except the Deuce.
 (for the Deuce use part #806-311)



Parts List

1	Power Commander	805-310
1	CD-ROM	152-23000
1	Installation Guide	1805-311
1	Tray Assembly	61328100

Installation Instructions for

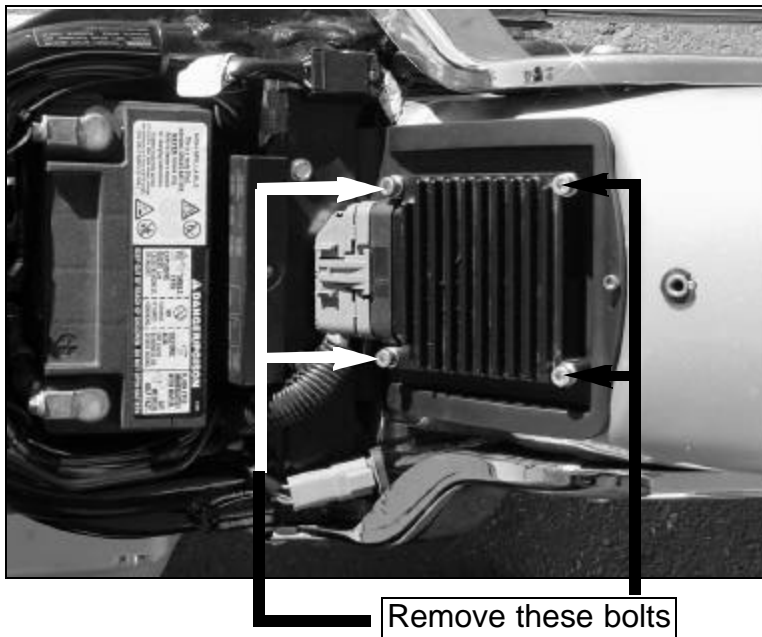
The Harley-Davidson Softail Power Commander III

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

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

- 1 Remove the seat.
- 2 Remove the stock ECM by removing the four bolts (Fig. A).

Fig.A



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.

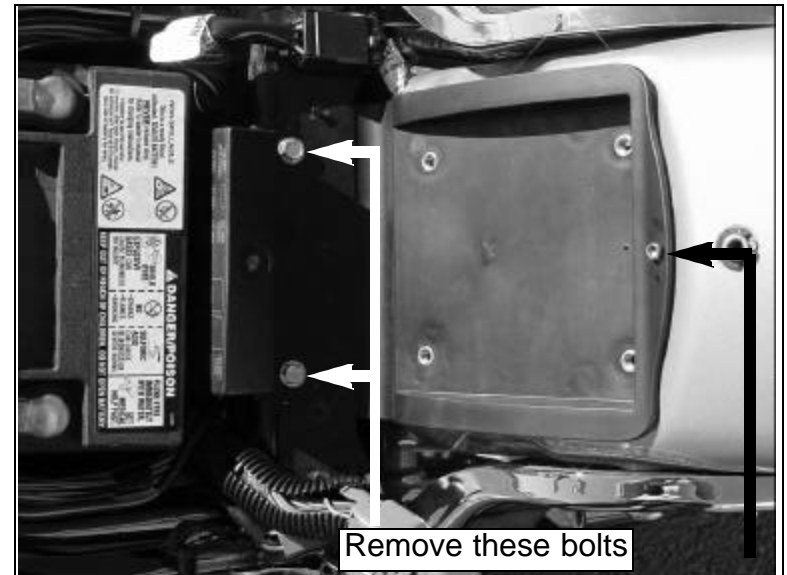
You can also adjust your Power Commander using the face plate buttons as described below.

1. With the ignition off, hold down all three buttons on the Power Commander III unit.
2. While still holding down the buttons, turn the ignition on.
3. Release 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 light 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.

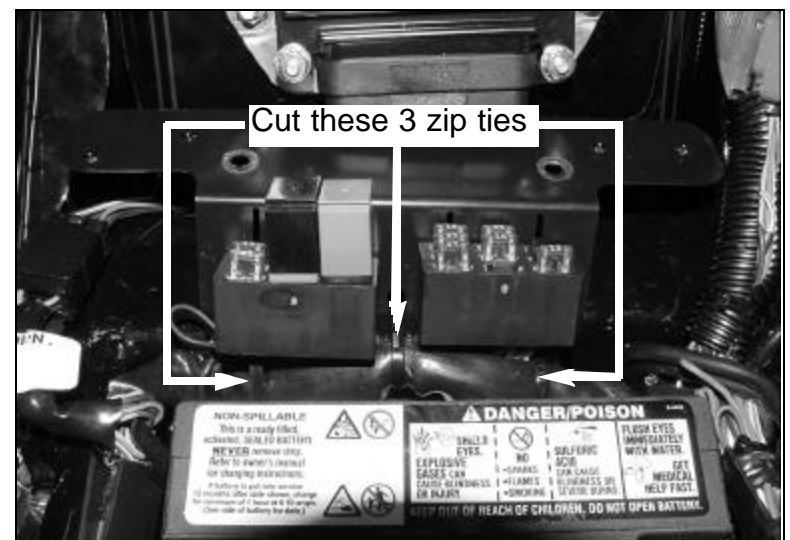
- 3 Remove the ECM tray by removing the 3 bolts (Fig. B). Lift the retaining plate up to remove the tray.

Fig.B



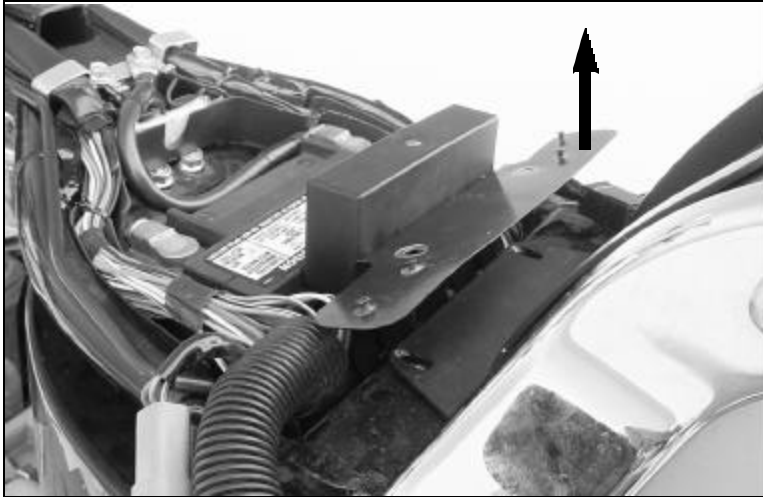
- 4 Lift straight up on the bracket enough to expose the zip ties that hold the wiring harness to the bracket. Cut these zip ties (Fig. C).

Fig.C



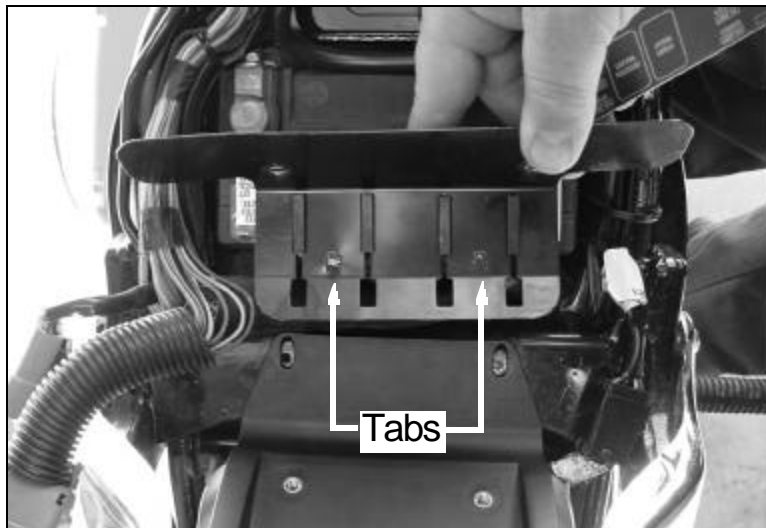
- 5 Pull upwards on the retaining plate, which holds the relays, enough to clear the battery (Fig. D). **NOTE:** It may be necessary to remove the brakelight and datalink connectors from the retaining plate.

Fig. D



- 6 Rotate this plate forward to locate the relay retaining tabs (Fig. E). Bend these tabs so they are flush with the plate. This allows the relays to sit lower in the slots.

Fig.E



Trouble Shooting

If you feel that you are having any problems at all with the Power Commander II, 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 II.

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 II.

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 II. Pushing the "upload all" button again should produce a "tables sent and verified" message.

I typed in notes, but they didn't save.

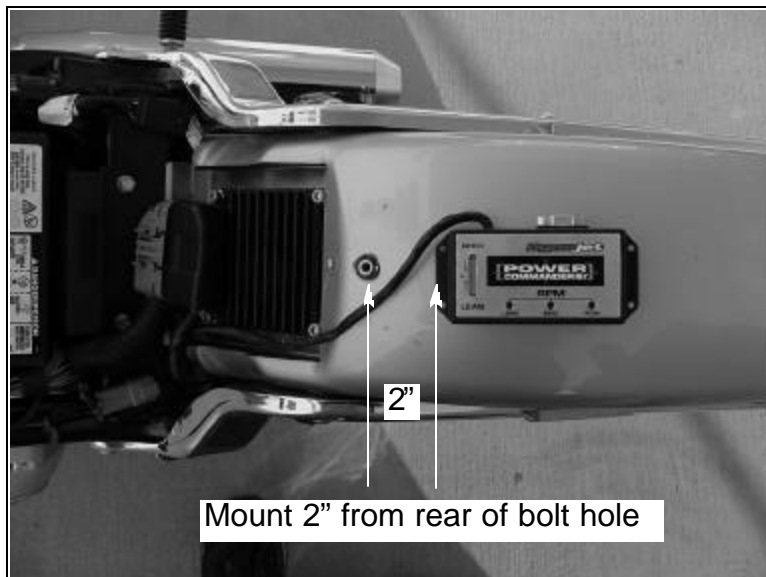
You need to first push the "accept" button in the notes window and then the "save file" button.

13 Make sure all bolts are secure and that the wiring will not interfere with the installation of the seat.

14 Reinstall the seat.

***If you are not using the optional alarm siren or aftermarket accessories it is possible to mount the PCIII to the rear fender with the velcro. Mount the PCIII 2" from the rear of the solo seat bolt hole (Fig. L)

Fig.L



7 Install the ECM tray supplied (Fig. F). Install the tray at an angle thru the hole in the fender. Straighten the tray and pull it against the bottom of the fender. Install the stock bolts (Fig. G).

Fig.F

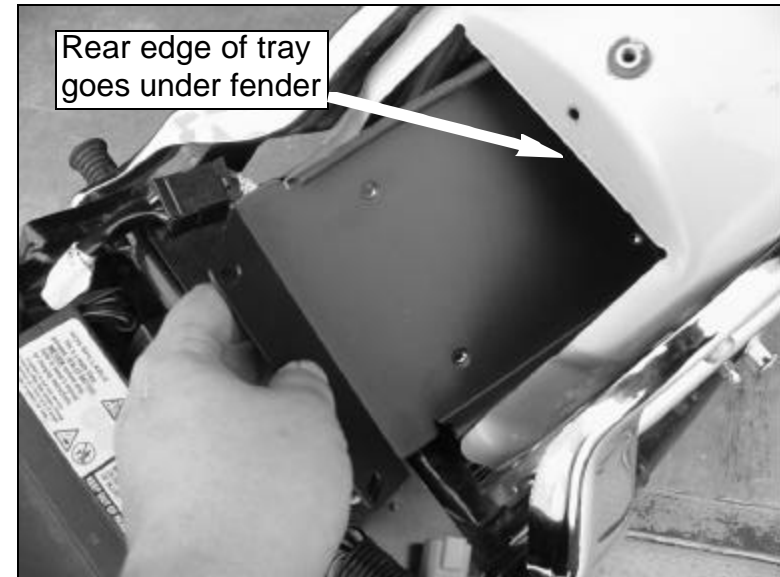


Fig.G



- 8 Push down on the relay cover so that the cover is flush with the retaining bracket (Fig. H).

Fig.H



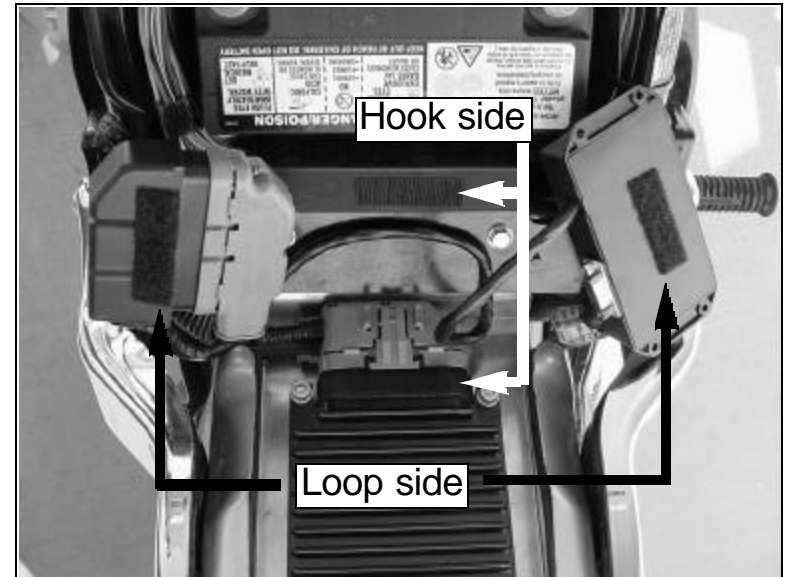
- 9 Plug the PCIII into the ECM (Fig. I).

Fig.I



- 10 Fasten the ECM to the new tray using the stock bolts.
- 11 Attach velcro in the areas shown in Fig. J. Be sure to clean these areas first with the alcohol swabs provided.

Fig.J



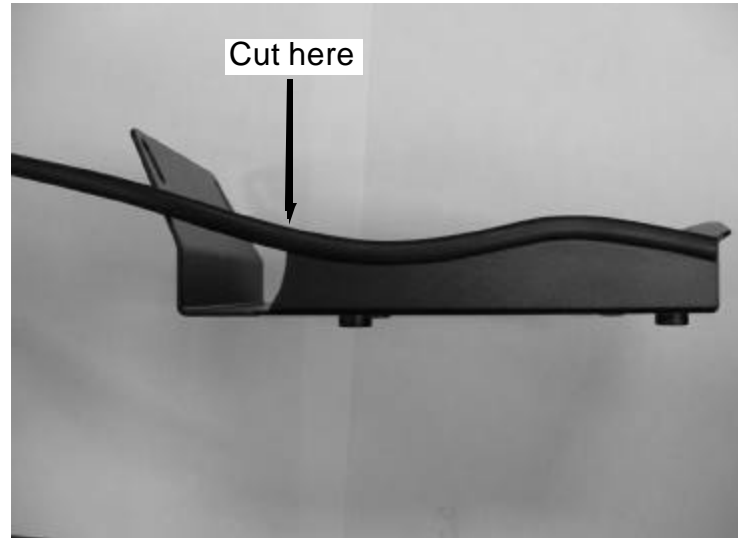
- 12 Plug the connector from the stock wiring harness into the PCIII. Attach the PCIII connector and PCIII unit to the velcro areas (Fig. K).

Fig. K



BEFORE INSTALLING TRAY, PLEASE FOLLOW THESE DIRECTIONS

- 1 Lay the rubber strip on one side of the tray and press down so the strip follows the curvature of the tray. Cut excess off at front edge.



- 2 Use the piece you just cut off to apply to the other edge of the tray. It may be necessary to cut additional excess off.

