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

1997-98 EFI Harley Davidson 1340 EVO

US Models Only

	Parts List	
1	Power Commander	801-110
1	CD-ROM	152-23000
1	Installation Guide	I801-110
3	Zip Ties	

Installation Instructions for

The Harley-Davidson Power Commander II

There are two methods of installation of the Power Commander II.

1) The Standard install takes 30 minutes to accomplish, but the fit is better.
2) The Quick install takes about 15 minutes. While this method is easier, it may allow wiring to be visible with certain aftermarket seat assemblies.

Standard Installation

The ignition MUST be turned off before installation!!

1   Remove the seat.

2   Remove saddlebags if installed.

3   Remove left and right side covers.

4   Remove the battery (negative terminal first).

5   Loosen the two 7/16 nuts that retain the ECU (Fig. A)

6   From the left side (underneath the left side cover area) feed the PC II connectors in front of battery tray, and out the right side (in front of the ECU bracket)(Fig. B).

7   Attach PC II module to battery box with the provided self adhesive backed velcro. Also secure the unit with the included zip ties. If your bike has cruise control, attach the unit to the face of the cruise module (Fig. C).

8   Disconnect the large connector from the ECU. Remove the rubber dust shield.

9   Install the dust shield onto the matching connector on the PC II. Zip tie the rubber dust shield to the PC II connector with zip tie provided.

10   Plug the PC II connector into the stock ECU.

11   Plug stock connector into the remaining connector from the PCII (Fig. D).

12   Tighten the two 7/16 nuts that retain the ECU.

13   Route the connectors alongside the ECU and install the right side cover.

14   Replace the battery, the left side cover and the seat.

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.

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 II 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.
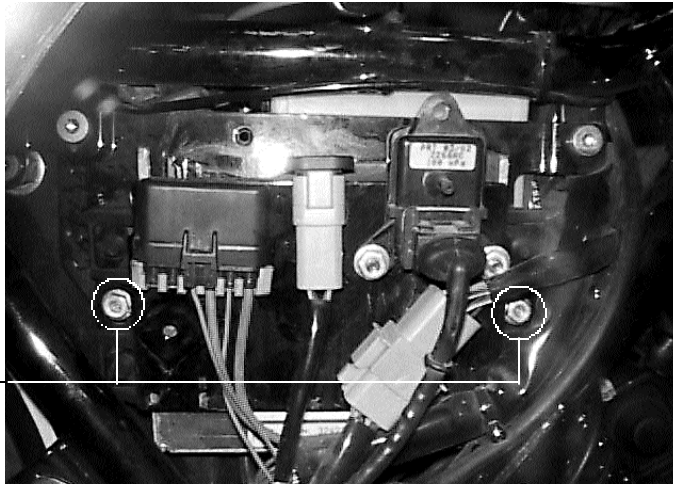
Quick Installation

TURN THE IGNITION OFF!!

1   Remove the seat

2   Remove left and right side covers.

3   From the left side of the bike route the Power Commander II cable over the frame rail and under the stock wiring harness in the area of the section of the seat.
Make sure the seat does not put pressure on the Power Commander II cable.

4   Loosen the two 7/16 nuts that retain the ECU (Fig. A)

5   Disconnect the large connector from the ECU. Remove the rubber dust shield and install on the male connector of the PCII. Connect the PCII male connector to the stock ECU.

6   Connect the female connector from the PCII to the stock connector from the ECU (Fig. C).

7   Tighten ECU retaining nuts.

8   Attach PCII to the battery tray or cruise control box under left side cover (Fig B).

9   Reinstall side covers and seat.

*In some cases idle speed may need to be adjusted (Fig. D). The idle speed adjustment screw can be found behind the air filter backing plate (Fig E).
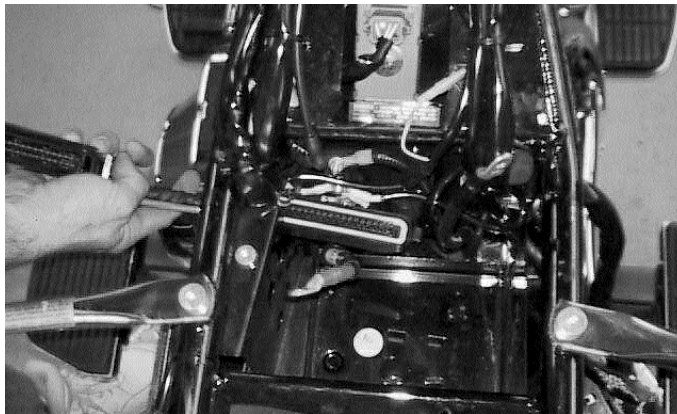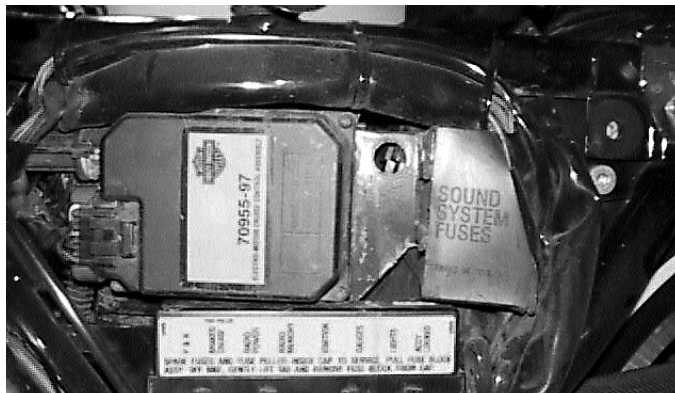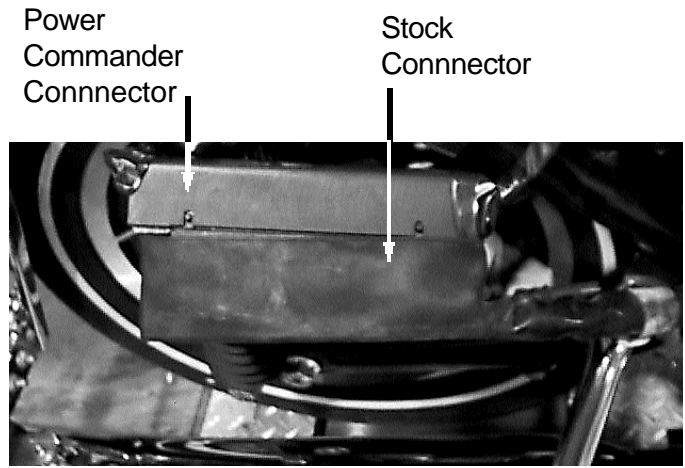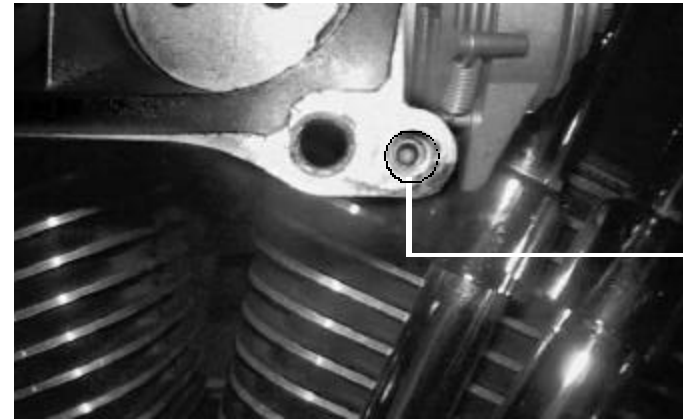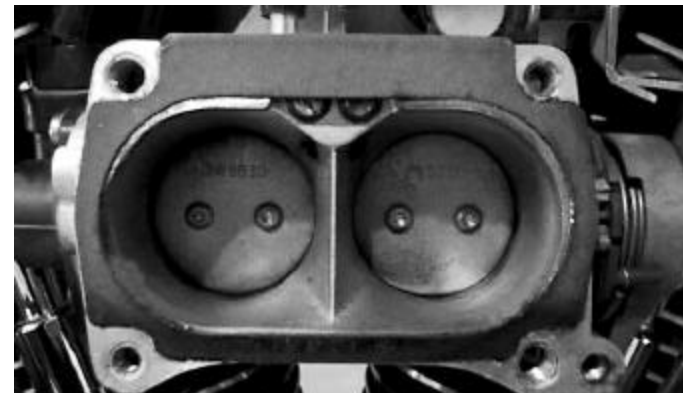
Fig.A

Remove these 7/16 nuts

Fig.D

Power Commander Connnector

Stock Connnector

Fig.B

Fig.E

Adjust Idle Speed here

Fig.C

SOUND SYSTEM FUSES

70955-97

Fig.F