

# HDPDPLUS

## Compatible HD motorcycles

2006-2011 Ultra Classic® all models with advanced audio

2006-2011 Electra Glide® all models with advanced audio

2006-2011 Street Glide® all models with advanced audio

2006-2011 Road Glide® all models with advanced audio

## What comes in the package.

**HDPDPLUS brain box**

**HDPDPLUS OEM retention cable**

**6ft iPod cable**

**Install kit**

**This unit will charge and control all the following  
Apple IOS Devices**

|   |  |   |
|---|--|---|
| iPhone 4<br>16 , 32 GB  | iPod touch (4th generation)<br>8 GB, 32 GB or 64 GB  | iPod nano (6th generation)<br>8 GB or 16 GB       |
| iPhone 3GS<br>16 , 32 GB  | iPod touch (3rd generation)<br>32 GB or 64 GB        | iPod nano (5th generation)<br>8 GB or 16 GB       |
| iPhone 3G<br>8 , 16 GB  | iPod touch (2nd generation)<br>8 GB, 16 GB, or 32 GB | iPod nano (4th generation)<br>8 GB or 16 GB       |
| iPhone<br>4 GB, 8 GB, or 16 GB  | iPod touch<br>8 GB ,16 GB or 32 GB                   | iPod nano (3rd generation)<br>4 GB or 8 GB        |
| iPod (5th generation)*<br>30 GB , 60 GB or 80 GB  | iPod classic*<br>80 GB ,120 GB or 160 GB             | iPod nano (2nd generation)<br>2 GB, 4 GB, or 8 GB |
| * These iPods are compatible but are hard drive based and can lock up from bike vibration use with caution! |  | iPod nano<br>1 GB ,2 GB or 4 GB                   |

# Installation

## STEP 1: Check Your Current Radio Software Version

Check your current software version just to make sure that your radio software does need to be updated.

1. Turn your radio on and tune to FM mode.
2. Turn the ignition key switch to OFF.
3. Press and hold any two soft keys, these are the numbered buttons on the face of your radio, and then turn the ignition switch on.
4. Continue to pressing until (Diag Test) is displayed on the screen.
5. Press the key 4, labeled (Software) The middle of the screen will show your current software version. If you do not have V8.250 or higher please go to [http://www.harleydavidson.com/en\\_US/Content/Pages/Genuine\\_Motor\\_Accessories/advanced-audio-system.html](http://www.harleydavidson.com/en_US/Content/Pages/Genuine_Motor_Accessories/advanced-audio-system.html)

And follow the instructions on their page to update your radio software to insure you have the best user experience with this product. If you do have the most up to date software press key 6 to exit diagnostic mode.

## Step 2: Install your unit

1. Locate and Remove the 3 bolts on the windscreen



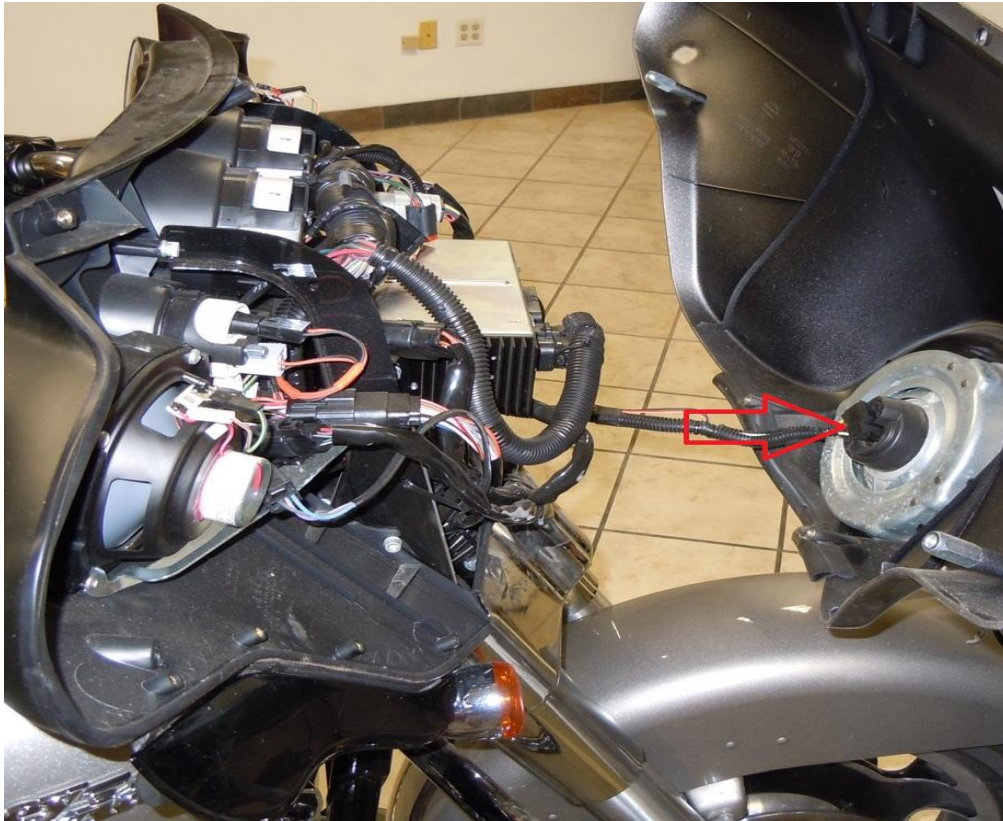
2. Locate and remove the two bolts on the upper faring one on each side



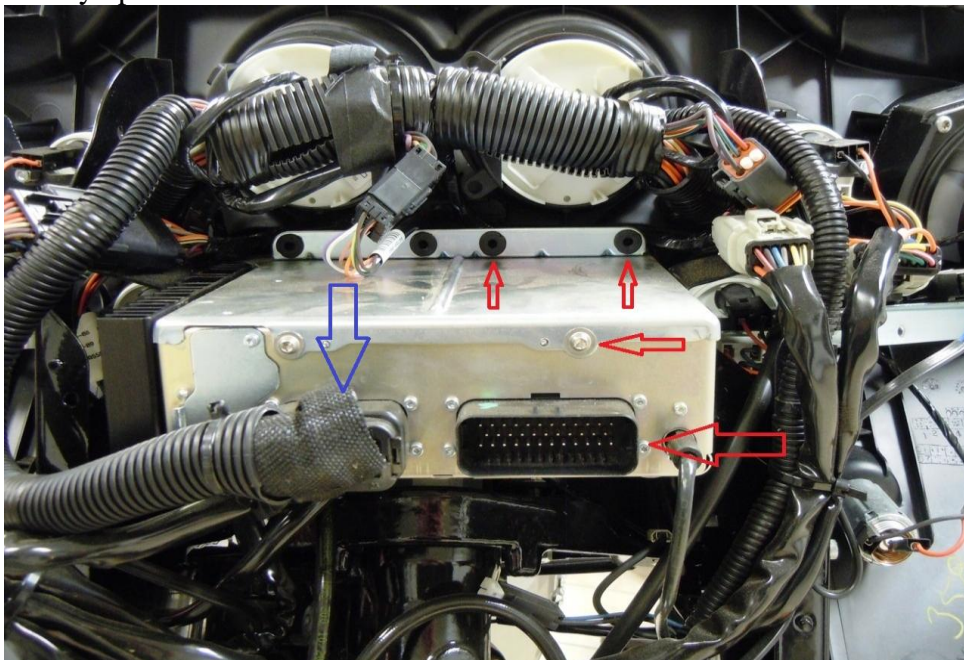
3. Locate and remove the two bolts at the bottom of the inner faring one each side



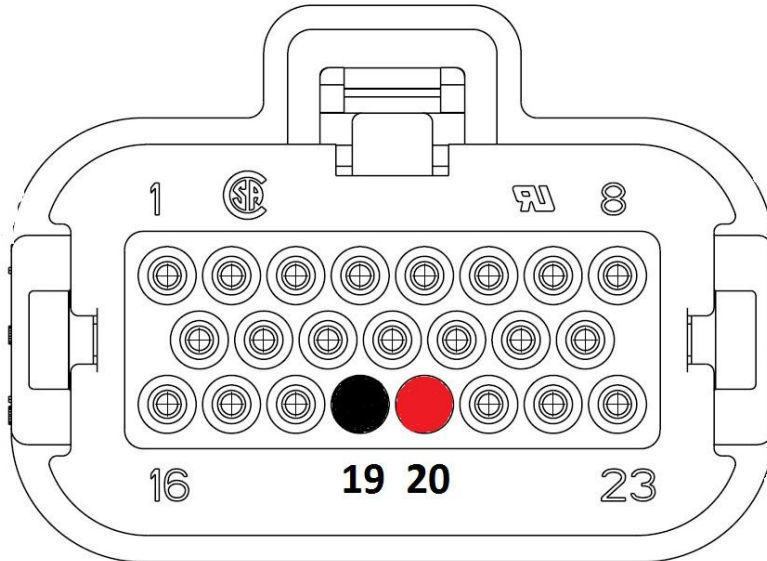
4. Gently pull out on the faring as it comes out make sure to unplug the headlight wires



5. Mount our unit using the factory rubber isolator mounts and the torx set screw shown in the picture below
6. Our unit will plug into the 32 pin connector on the back of the radio if this plug is occupied please unplug the factory connector and plug it into the matching port on our device. Due to our unique design our unit will work with all available factory options without the need for extra cables



7. On the 23 Pin connector show above with a Blue arrow Connect the Red wire using the supplied t tap to pin 20 on the main radio plug Connect the Black wire using the supplied t tap to pin 19



8. Route the iPod® cable out the lower faring to your desired location. This cable is long enough to allow you to mount the iPod® in the saddle bags or on your upper faring
9. Plug in the iPod® and test the unit functionality.
10. Reassemble the faring



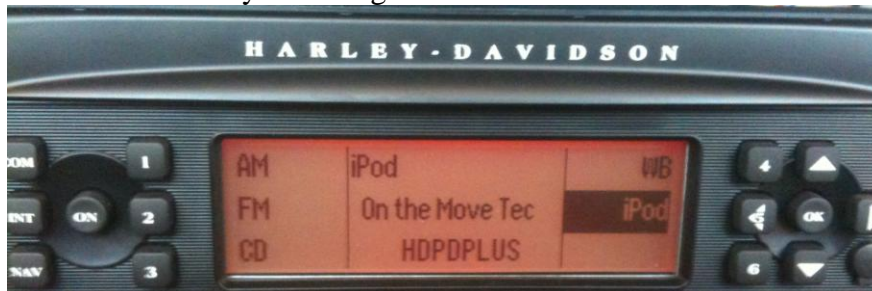
### Using your device:

1 This unit will show up on your Advanced Audio System® as iPod® and can be chosen by either pressing the corresponding soft button or scrolling with your MODE SEL. button. This unit will automatically play and pause your Apple® unit upon ignition on and off and source switching.

## Available Controls:

### Handel bar controls

- Track+/Track- Quick press of UP/DN
- Playlist/Album/Artist+/ Playlist/Album/Artist- Press and Hold the UP/DN (the last soft key you pressed will be highlighted on the main screen. This is the function that press and hold will activate)
- Mode SEL. Will cycle through available audio sources



### Radio Direct Controls:

- Soft Buttons 1-4 will allow you to access the following searches: Playlist, Artist, Album, Genre. Pressing any of these buttons will bring up a second screen that will allow you to seek up and down through these functions. Note: After 5 seconds of no button presses the radio will default to main screen
- Soft Button 5 will turn Random on and off: When random is in use it will display highlighted as shown below
- Soft Button 6 allows you to switch from Locked mode iPod® shows (Ok to disconnect) and unlocked mode. In unlocked mode you can still track up and down from the bikes controls or search and choose songs directly from you Apple® device. (Unlocked mode is not intended for use while in motion)



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