

# HDBT

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<b>Compatible HD motorcycles</b>	<b>What's included in the Box.</b>
<b>2006-2013 Ultra Classic</b>	<b>HDBT brain box</b>
<b>2006-2013 Electra Glide</b>	<b>HDBT OEM retention cable</b>
<b>2006-2013 Street Glide</b>	<b>6ft USB charging cable</b>
<b>2006-2013 Road Glide</b>	<b>Install kit</b>

## 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



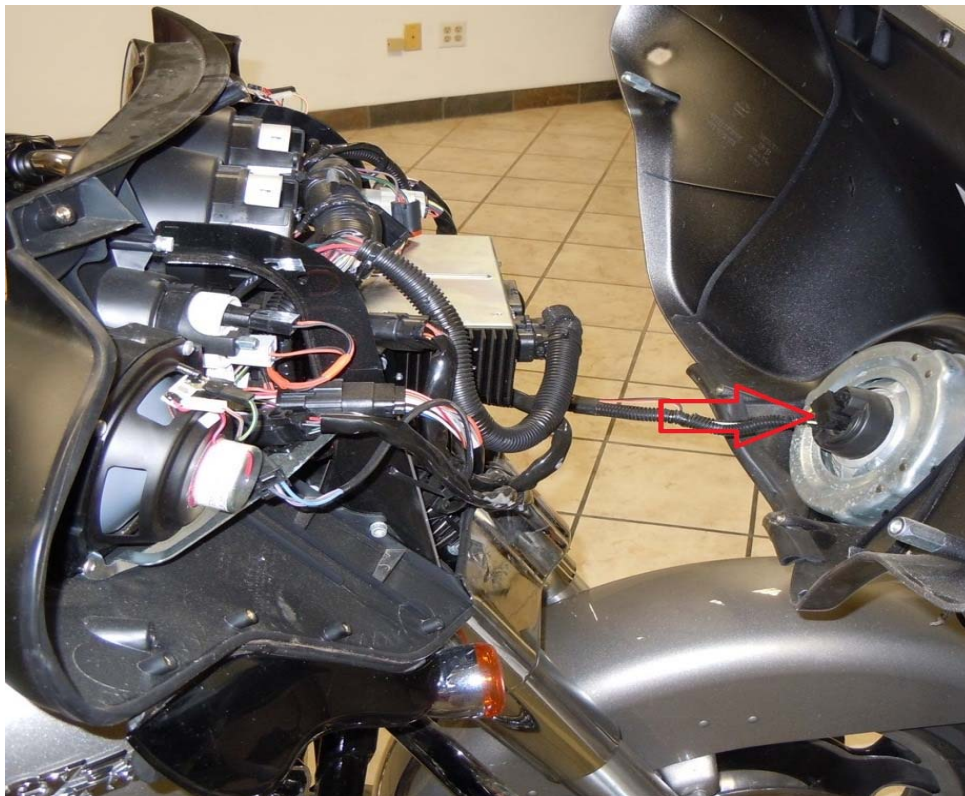
2. Locate and remove the two bolts on the upper faring one on each side



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

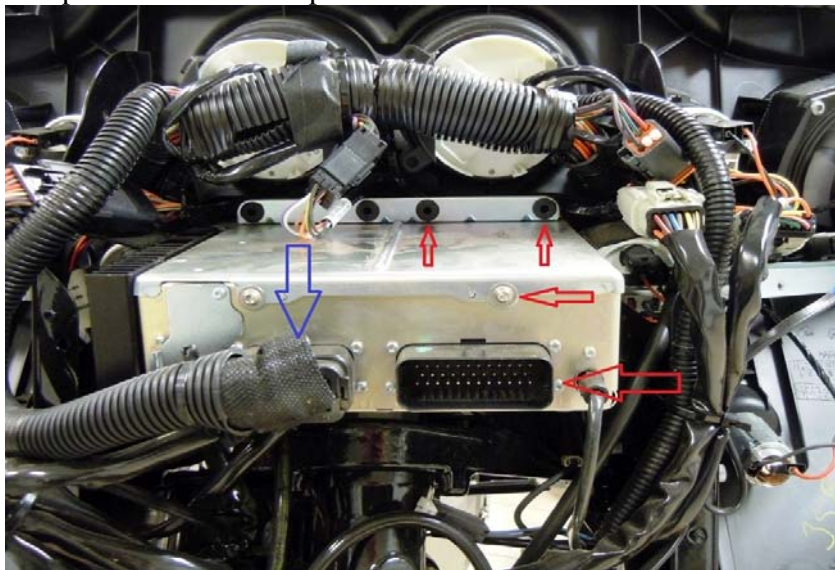


4. Gently pull out on the faring as it comes out make sure to unplug the headlight wires

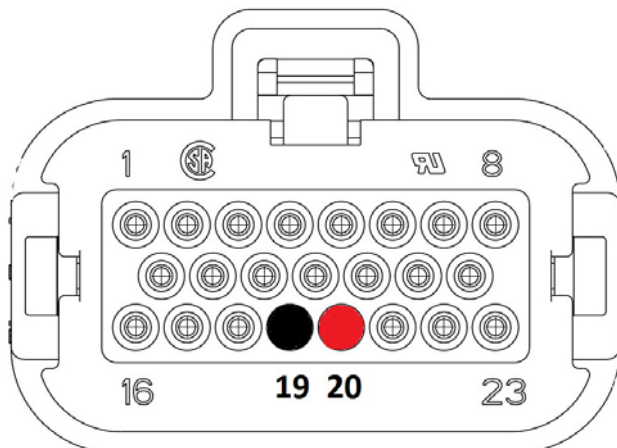




5. Mount our unit using the factory rubber isolator mounts and the torx set screw shown in the picture below
6. Our unit will plug into the 32 pin connector on the back of the radio if this plug is occupied please unplug the factory connector and plug it into the matching port on our device. Due to our unique design our unit will work with all available factory options without the need for extra cables.
7. The HDBT can be set up to emulate either the iPod/CD or Satellite source on the HD radio. The interface comes from the factory set up to use CD mode. If you have the factory CD/iPod you would need to change the interface to SAT mode. To do this cut the Grey wire loop that comes out of the interface and change the 3-pin audio input plug to SAT. If you have both factory options you would need to replace one of these options with the HDBT.



8. 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



9. Route the USB cable to your desired location. Supplies: **5v 1amp charging**
10. Reassemble the faring

**Using your device:**

1 This unit will show up on your Advanced Audio System BT and can be chosen by either pressing the corresponding soft button or scrolling with your MODE SEL. button. This unit will automatically play/pause most BT devices upon ignition on and off.

**Available Controls:****Handel bar controls**

- Track+/Track- Quick press of UP/DN
- Mode SEL. Will cycle through available audio source



### FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### FCC Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.