

HOGTUNES

Audio Solutions For The Great American Cruiser

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Software Updates For 2006+ Radios

Since the inception of the Advanced Audio system in model year 2006, software updates for the radios have been made available from Harley Davidson to fix “anomalies” and to improve performance. These updates were said to be done by Harley Davidson dealers at every service interval, or the end user could burn a CD off the Harley-Davidson website and do the upload himself.

Very early 06 bikes came with version 6.80 (V6.80), and many came with V7.80. The first “real” update was V8.90 (should have been named V8.09). This update fixed a known skipping problem, and also made it so if a “home burned” MP3 CD was used in the radio, the artist name and song title would appear on the screen of the radio. V8.9 also seemed to turn the output of the radio up, and in most cases riders noticed that the radio would play considerably louder. V8.9 is the one we always suggest for best audio performance and is the one available for download via this tech sheet.

Sometime later, a version called V8.11 came out, and from what we understand, was really intended for bikes with CB Radios (Ultra Classics) to make the CB compliant throughout the world’s communication laws. We also understand that V8.11 attempted to stop the clocks from gaining time.

Almost immediately after the Moco came off strike in 07, a new version called V8.19 came out. V8.19 was said to fix a source switching problem, make the radio work with external MP3 players better via the aux in port, and was another attempt to stop the clock from gaining time. V8.19 is the most current software at the time this document was written.

The first step is to determine which software is in the radio.

- 1: Turn the ignition on, and lower the volume all the way—shut the ignition back off.
- 2: With one hand hold buttons 1 and 2 down at the same time. While the 2 buttons are being held down, also at the same time, with your other hand turn the ignition on. When the radio “fires up” you will see a “diagnostic screen”—release buttons 1 and 2.
- 3: With the diagnostic screen on, push button #4 (software) and read the middle line. This will tell you which software is in the bike eg: ST10 V7.8.0
- 4: Once you know the software version you have, you can use the information earlier in this document to determine if you want to improve your software or not.

Updating the software in your radio is very easy, however, on your computer, **you must be able to burn your own CD at a slow rate such as start "1x or 2x"**. If you are not able to adjust the burn rate down, while the update is being done, the radio has been known to either lock up and power off, or eject the CD with the update not been complete.

Using a brand-new CD, you'll need to download the zip folder found [here](#). Open the V8.9 folder to expose the two files. These 2 files are what you will burn to your CD. Once done, you will repeat steps one and two (above) to get the radio into diagnostic mode, except this time push button number five "update". Once you press the update button, the radio will say insert CD, go ahead with a CD and wait. The process usually takes approximately 10 minutes.

If for any reason the radio locks up during the update, don't panic! You will need to take the bike for a ride with the **CD flap open** and in approximately 20 minutes your radio will eject the CD. If the CD door is closed, the CD cannot be ejected, will go back into your radio and lock up again.

Once you feel the update has been successfully installed, repeat steps 1, 2, and 3 (above). The middle line and bottom lines should now say V8.9.0

Important: The general information and files offered in this document were originally made public on Harley Davidson's website (www.h-d.com). A copy of Harley-Davidson's instructions for this procedure is also available on their website. Although the update itself comes to us from what we believe is a trustworthy source, Hogtunes Inc. cannot assume any responsibility for its content. If you are uncomfortable doing this procedure yourself, please visit your local Harley-Davidson dealer. Our experience shows that these updates can make a major improvement in the way your radio performs. There is no affiliation between Harley-Davidson and Hogtunes Inc.