

Advanced Audio System - AAS

On May 22, 2006 the Initial Care Program (M-1173B) ends for the Advanced Audio System. Dealers will no longer need to call Tech Service for Authorization to replace AAS components. Technical assistance will still be available via 414-343-4887.

We would like to take this opportunity to share with you some information we have gathered during the Initial Care period that will help in the diagnostics, repair and replacement of AAS components, and to remind dealer staff of information that has already been provided.

Radio Self Diagnostics – (fig.1) A quick check to see if there are currently detected issues or any DTC's recorded and the ability to check for proper operation of AAS handlebar & passenger switches.

>> Access by holding any two preset buttons (1-6) in while powering up the radio, wait for the diagnostics screen to appear. Perform switch functions and observe results on radio display.

NOTE: Radio Self Diagnostics will only show the first DTC logged. Use Digital Technician to determine if there are multiple DTC's

ROM Default Reset – (fig.2) Returns the radio to base settings, to eliminate possibility of user induced issues. (ie: low volume, low or no display visibility, etc.) Always perform this reset before ordering a replacement radio to eliminate possible user-induced issues.

>> With radio ON, press soft keys **1, 3 & OK** at the same time and release. Then press the **UP** arrow **Two times**. Then press soft key **#2** (once) and turn ignition off for 30 seconds.

NOTE: If the issue was a blank screen and the problem is not corrected, perform this reset a second time to insure the proper steps were done. If the display recovers, immediately check the software version and if it is an earlier version number (lower) than 7.8.0, perform the update using the software update CD.

Software Update – (fig.3) Gives the ability to update the software of the AAS by use of a CD update disc. (Available as a downloadable file thru www.harley-davidson.com / Accessories & Apparel / Touring / Electrical & Lighting / Advanced Audio System / Advanced Audio AM/FM/CD Radio Kit / Advanced Audio System / Software Download)

>> Access by holding any two preset buttons in while powering up the radio, wait for diagnostics screen to appear. Press button 4 to see the current software version (6.8, 7.8, etc) in the radio. Both ST10 & TMS320 should be the same.

NOTE: Do not attempt to update the software in order to correct a current issue.

Do not update radios with 7.8.0 or higher versions already installed

If a software update is needed, press button 5 (Update) and insert the software update CD when prompted. The rest of the process is automatic and may take up to 10 minutes. After completion, always check the software version again to make sure the installation was successful.

NOTE: Future software updates will be available on www.Harley-Davidson.com

Warranty Replacement Radios & Modules – Please be sure to order the appropriate ‘REFURB’ part number. Failure to do so, results in the dealer having to PAY for the component it receives. Order & receive a replacement radio prior to removing the old one from the motorcycle. Refer to Warranty Bulletin ‘W-132B’ for replacement part numbers and detailed procedures.

NOTE: You must include a copy of the approved warranty claim with the properly tagged component, and return the failed core component within 30 days. Failure to do this will result in rejection of your claim and being billed for the core unit.

Setting Region Code (‘Calibrating’ Radio) – (fig.4) P&A and Replacement radios will ‘BEEP’ repeatedly until the Region Code has been set. Digital Tech will perform this under the ‘REFLASH’ area. **NOTE: Be sure to enter the correct VIN and confirm to Digital Tech.**

Reference AAS Documents –

Warranty Bulletin **W-132B**, Service Bulletin **M-1176A**, P&A Bulletin **876**, and Tech Tips **TT209** (August 22, 2005) **TT228** (January 17, 2006).

NOTE: A revised copy of the Advanced Sound System diagnostics section of the 2006 Touring Models Electrical Diagnostics Manual can be found on “h-dnet.com”. Go to the Service page/Service Information/Literature Updates. **Please use this on-line document until an ‘A’ revision of the 2006 manual becomes available.**

AAS Bluetooth Compatible Phones – a listing of Bluetooth compatible cell phones is maintained at: www.harley-davidson.com > touring > Choose a model > Advanced Audio System > Bluetooth



Fig.1



Fig.2



Fig.3



Fig.4