

HOGTUNES

Audio Solutions For The Great American Cruiser



**Designed and Engineered in Canada for the
Great American Cruiser**

FL-7W

Installation Manual

*7.0" Woofer Kit For Bikes With HD Vented
Fairing Lowers And Houghtunes "NCA"
Series Amp Installed**

Rev 1.1

Congratulations on your purchase of Hogtunes Model FL-7W-7”woofer kit. This kit adds speakers into HD vented (stock on 2005+) Ultra style fairing lower glove boxes on bikes that have a Hogtunes NCA Series amp installed. Since positive word of mouth is the best way to grow our business, we want your system to work as well as it was designed to. If you have any questions or concerns, we are here to help. Email info@hogtunes.com, or call us during regular business hours (EST) at 705-719-6361.

The woofers in this kit must be used in conjunction with a Hogtunes NCA series amplifier, such as NCA 40.4, and must have 2 channels of the amp dedicated to these woofers. The Hogtunes 7” woofer can also be powered by a different brand of amplifier as long as it is stable into a 2 ohm load. DO NOT “tie in”, or try to parallel these woofers to existing speakers being powered by the radio. Damage to the radio is almost certain, and your friends will laugh hysterically at you. If you have questions, please contact our tech support department before proceeding.

***Note: If you have a Hogtunes FLSK/Amp kit, and are going from the supplied 5.25” speaker to the 7” woofers in this kit, remove the fairing lower parts only, and start at “Step 9” of this manual.**

Wiring To Your Existing Hogtunes Amp

Step #1: Remove the ground wire from the battery, or make sure your ignition switch stays in the “OFF” position.

Step 2: Remove your outer fairing/headlamp assembly, and set it aside. Refer to a service manual if you need help with this. With the outer fairing/headlamp assembly removed, locate the output plug on the side of your Hogtunes NCA Series amp.

Step #3: Locate the wire harness that comes in this kit. You will see a square plug with 4 wires going into it that will plug into the side of the amp. If you have a Hogtunes NCA 40.4, this will typically go into the “rear out” plug which is a white connector on the side of the amp.

Step #4: The balance of the FL-7W wire harness will pass under the inner fairing where the throttle and idle cables and/or main wire harnesses pass through on the brake side of the bike.

Step #5: Position the FL-7W harness so the quick release plugs are sitting on the top of the engine guard, as close to the middle as you can. Hang the remaining wires on the correct sides of the engine guard. These wires are identified with “Clutch Side” and “Brake Side” stickers.

Step #6: Remove access covers from the front of the glove boxes. Using a cutting tool such as side cutters, the 4 male parts each access panel snaps into will be cut and removed. Cutting them from inside the glove box will eliminate marks on the front of the glove box. When cut, parts may “fly” so please be careful and wear eye protection!

Step #7: Looking inside the glove box, locate the 2 nuts at the back of the glove boxes, and remove. This will release the painted lower fairing “cap” so be careful it doesn't fall and get scratched!! Remove and put aside.

Step #8: Looking from the front side of lower, locate the flat plane approx. 1” towards the motor, directly across from the lower bolt hole for the fairing cap just removed. Drill a 1/8”(3mm) pilot hole in the center of this plane, then a final 5/16”(8mm) hole-you will go through 2 layers. If working on Clutch Side, pass wire marked “Clutch side” into glove box, large connector first. The sticker can be removed to fit through the hole if needed. Pull up any slack into the glove box so that wire will go along crash bar, making sure to keep quick release plugs in the center. Using the supplied black “gummy” material, seal the hole around the wire inside the glove box.

Step #9: Locate the angled woofer holder for the side of the bike your working on and attach it to the glove box opening using the hardware in the kit, through the holes made when male plugs were cut. Washers will go on the studs inside the glove box before securing the adaptor down with the supplied nuts. Once secured, reinstall the painted lower fairing cap. Take a speaker and attach the speaker wires. Locate the silver “posts” with the hex key opening and put the woofer in place. Start each thread into the brass inserts in the angled woofer holder **BY HAND!!!!** After all the threads are started, use supplied hex key to tighten the woofer into place. Press the grill into place by lining up the holes on the inside of the grills on to the silver posts. Please **MAKE SURE** the female rubber parts on the inside of the grill attach to all 4 posts holding the woofer in. Failure to do so can allow the grill to come off while riding.

Step#10: Once everything is complete in both lowers, use the supplied wire ties to secure the exposed speaker wires to the crash bar. Moving back into the fairing, use supplied wire ties to secure the FL-7W harness to the bike. **Before re-installing outer fairing, turn front wheel to each extreme side making sure any wiring is not impeding the steering of the motorcycle. Failure to do so can result in serious injury or death!** Turn your system on making sure the woofers are working. Reinstall your outer fairing and enjoy the latest edition to the Hogtunes system on your bike!
Note: When washing your bike, it's a good idea to see if water has collected on the speaker. If so, gently wipe off with a soft cloth.

Warranty Information:

Hogtunes speakers are warranted for a period of 20 years to the original purchaser. Proof of purchase is required for all warranty claims. All Warranty claims must be made through the dealer this product was originally purchased from. Products found to be defective during the warranty period will be replaced (with a product deemed to be equivalent) at Hogtunes sole discretion.

What Is Not Covered:

- 1)Any expense related to the removal or re-installation of Hogtunes Products.
- 2)Repairs to Hogtunes products performed by anyone other than Hogtunes.
- 3)Subsequent damage to any other components.
- 4)Any product purchased from a non-authorized Hogtunes dealer.
- 5)Damage to speakers from an accident or collision.

Technical Stuff For Hogtunes 702.2W Speakers

Power Handling:	75 RMS-150 Peak
Frequency Response:	100-7K
Sensitivity:	94 db 1watt/1meter
Nominal Impedance:	2.0 Ohms

Hogtunes designs all products from the ground up, and specify all parts right down to the adhesives used to hold the speakers together. Since we are constantly testing and investigating different technologies, any and all specifications or features are subject to change without notice.

Practice Safe Sound!

Hogtunes speakers can play much louder than the OE, which can be a distraction to the rider and/or passenger. Please use caution when playing your stereo at high volume, especially in traffic.

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