

# **HOGTUNES**

*Audio Solutions For The Great American Cruiser*



**Designed and Engineered in Canada**

## **MSA-1 Audio Kit**

**Fits All Memphis Shades  
“Batwing” Fairings\***

\*Although This Kit Fits All Models Of Memphis Shades  
Batwing Fairings, It May Not Fit Your Bike Due To  
Gauges Or Other Things That Maybe In The Way.

If You Are Not Sure Of The Fit On Your Bike,  
Please Consult Your Dealer Before

Going Any Further

*Rev 1.1*

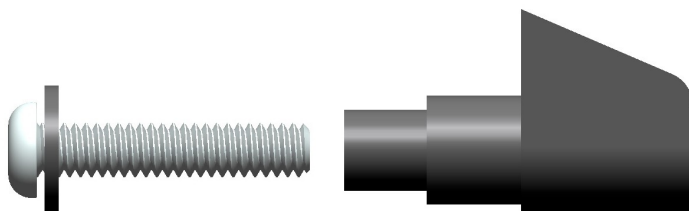
**Congratulations and Thank-you for your purchase of Hogtunes MSA-1 audio kit for your Memphis Shades fairing! Since positive word of mouth is the best way to grow our business, we want your new kit to work as well as it was designed to. If you have any questions or concerns, we are here to help. Email [info@hogtunes.com](mailto:info@hogtunes.com), or call us during regular business hours (EST) at 705-719-6361. If you still need help, then please consider an installation by your dealer.**

**Please read the entire manual before starting. Identify the parts of the kit. The main parts are: main pod, grill, mounting “shoulder nut”, clamps/collars, and audio device “perch” . It’s always a good idea to have a towel or something similar on your front fender/gas tank to avoid dings or scratches if anything is dropped!**

**Steps 1 and 2 will be easier if the fairing is off the bike.**

**Step #1: Remove the stock center windshield screw, nut, washer, and nylon spacer from the Memphis Shades fairing.**

**Step #2: Carefully pull the grill off the main pod body of MSA-1. You will see a rubber piece on the back of the pod with a Hogtunes logo in it. Line the main pod up to the center of the windshield so the windshield will go between the back of pod and rubber part. Lift the whole pod in an upwards motion so the windshield is sandwiched as described. Make sure the wires on the back of the main pod are accessible. Place the supplied black mounting “shoulder nut” (shown below) so the threaded opening goes through the mounting hole in the center of the pod, the fairing, and the windshield. It will only go in one way. Using the supplied bolt, secure the MSA-1 pod to the fairing.**



**Mounting “Shoulder Nut”**

**The Audio Perch: The audio perch with built in volume control can be used, or, you can choose not to install it, and use the volume control on your audio device to control the volume of the system. In the amps main wire harness, locate the “phone” plug and the audio cable that will plug into the headphone jack on your audio device. If you choose to use the supplied perch, it comes with “collars” that adapt the clamps to fit 7/8”, 1”, and 1.25” diameter handlebars. These collars only fit one way. With the correct collars selected, using the supplied hardware, attach the audio device perch to the handlebars. plug the phone jack into the underside of the perch, and route the audio cable to the perch. If you are not using the perch, let the phone cable and audio cable hang for now.**

**You will see a USB plug in the amplifiers wire harness. This is a CHARGE ONLY port that may be used to supply power to your audio device or any other USB chargeable device such as a cell phone. If you choose to use this, route your devices USB cable to this location and plug in. The USB comes with a protective cap that should stay on when the USB port is not in use.**

Locate the long wire harness with 3 prong end and plug into the 3 prong end on the pods amp. You will need to start working the power harness towards the battery of the bike making sure the steering of the bike will NOT be impeded.

The orange wire located in the wire harness is a “turn on lead” and tells the amplifier to turn on or off with the “power on” of the machine. Locate a switched positive (+) power source such as a ignition switch, headlight switch, “acc” switch, or a switched power location in a fuse panel and attach the orange wire to this. You may find a switched power source in the bikes manual.

Route the positive (red) and negative (black) wires towards the battery. Cut these wires to the right length making sure you have enough slack to crimp on the supplied ring connector for the black ground wire, and enough slack to crimp on the supplied fuse holder onto the red wire.

Strip the end of the wire back about 1”, and twist the strands so they are straight and tight. Fold the bare wire over and insert into the “barrel” of the connector. Crimp down making sure the bare wire is making good connection. The number one reason for system “issues” is poor crimp connections so please take your time and do a good job!!!

With the ring connector crimped onto the black wire, attach the black wire to the batteries negative terminal. With the fuse holder properly crimped to the power wire, attach the red wire to the batteries positive terminal. Using cable ties, secure the positive and negative wires to the bike. 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!

Before proceeding, for best results, turn any bass boosts, loudness contours, or equalizers in your audio device OFF!

If you have installed the audio perch: Plug the phone jack into the underside of the perch. Plug the audio jack on the audio device perch into the audio device. Put the volume of your audio device to around 80% of the volume and leave it there. Turn the ignition of the bike on (or ACC). The arrow buttons on the audio device perch will allow the rider to control the system playback volume. Once everything is working, you can use the supplied hook and loop adhesive or another method of attachment to secure the audio playback device to the perch.

If you do not want the audio perch: Plug the audio cable into the headphone jack on your audio device. You will have to plug the phone jack into the perch. Turn the bikes ignition on (or ACC) and have the audio device playing. With the system playing push the “up” arrow on the perch and hold for 10 seconds. This programs the amp to stay all the way up. Unplug the perch and secure the phone cable up and out of the way. The volume control of the audio device will now control the system. Failure to do this will reduce the amount of volume your system will produce!

Note: The overall volume and performance of this system relies on the quality of the audio device and the audio file quality being used! The way the system sounds at a stop light vs. how it sounds at speed is radically different. When at speed, if your comfortable, and confident you can do this in a safe manner, you can adjust the volume and equalizers etc of your audio device to “tweak” the system for your bike.

## Warranty Information:

Hogtunes MSA-1 is warranted for a period of 12 months from the original purchase date. 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 Inc. sole discretion.

### What Is Not Covered:

- 1)Any expense related to the removal or re-installation of this system.
- 2)Repairs of any kind 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 from an accident or collision.

You are a valued customer so please:

**Ride Alert**  
**Arrive Alive!**

*[www.hogtunes.com](http://www.hogtunes.com)*