

WILD BOAR AUDIO



By **HOGTUNES**



WBA RETRO LID-24

CUT-IN LID KIT FOR 6" x 9" SPEAKERS

2024+ MODEL BIKES WITH FACTORY STYLE SADDLEBAG LIDS

INSTALLATION MANUAL

Thank you for choosing **WBA Retro Lid-24** for 2024+ touring bikes with factory style saddlebag lids.

We designed these parts for optimal performance and rely on positive word-of-mouth to grow our business. We want your installation to be successful!

Should you have any questions or concerns, we are here to assist you. Please reach out via email at: techsupport@hogtunes.com or call us during regular business hours. If you still need help, please consider a professional installation.

Hogtunes Contact Information

Email: techsupport@hogtunes.com

USA Tel: 608-554-7631 - Canada Tel: 705-719-6361

IMPORTANT NOTES

Depending on the 6"x9" used, you may need to lift up on the lid slightly so the magnet clears the saddlebag when closing. The factory saddlebag hinges have a lot of "slop" and limit the size of speaker magnet that can be used to allow the lids to open and close without the speaker hitting the saddlebag. Hogtunes assumes ZERO RESPONSIBILITY for fitment issues, or water leaks when any speaker brand other than Hogtunes are used.



DO NOT USE "THREAD LOCK" OR "SCREW GLUE" OF ANY KIND AS IT DESTROYS PLASTIC AND WILL CAUSE PART FAILURE NOT COVERED BY WARRANTY!

GETTING STARTED

Start by removing the saddlebag and placing it on a soft, secure work surface to protect the finish.

1. **Drill the Access Hole:** The white circle in Fig 1.1 is an approximation of where a 5/8" (16mm) hole will be drilled. This hole is where the supplied Hogtunes silicone grommet will go to allow the lids speaker wire to pass into the saddlebag. We also suggest starting with a small bit, and gradually working your way up to the 5/8" (16mm) hole. Drilling the hole with the lid still on is recommended!
 - **TIP:** Apply masking tape over the painted area to be drilled.
2. **Install Harness and Grommet:** Locate the wire harness and take the 48" section with the silicone grommet in line and install into the saddle bag making sure the 2 speaker "spades" are on the inside of the bag, and the single 2 pin connector is on the outside of the bag.
3. **Prepare for Anchors:** The black squares (also in Fig 1.1) are an approximation of where supplied zip tie peel and stick "anchors" will be placed.

Note: Before applying the anchors, you need to clean the plastic **WELL** using 99% isopropyl alcohol, or similar cleaner. **DO NOT use Acetone (It will eat plastic)**. Do not apply pads until cleaner has completely evaporated.

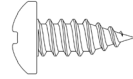
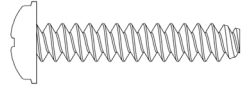
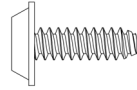


Figure 1.1

IDENTIFYING THE SCREWS

This kit comes with 3 kinds of screws:

- 18 (each) Phillips “Thread Forming” screws with a “flat” end. These are in a bag labeled “**Screw #1**”
- 8 (each) Longer Phillips “Thread Forming” screws with a “flat” end. These are included in case the speakers you are using require longer mounting screws. These are in a bag labeled “**Screw #2**”
- 4 (each) Phillips head screws with a pointy end. These are in a bag labeled “**Screw #3**”



For proper installation of this kit, you will need to use the correct screws throughout the process.

REMOVING THE LIDS FROM THE SADDLEBAGS

NOTE 1: We **STRONGLY** suggest removing the lids from the bag. Installing the speakers with the lids on a suitable work surface is much easier than installing with them while on the saddlebags.

NOTE 2: The factory latching mechanism does not need to be removed from the saddlebag lids.

- Open the saddlebag and remove the 2 torx head screws that secure the cloth tether to the lid.
- Remove the 2 torx head screws that secure the cloth tether to the saddlebag.
- Remove the 2 torx head screws that were hidden by the cloth tether and the lid will be free from the bike.

MOUNTING THE TEMPLATES

- Step #1: Locate the cutting templates noting that they are clearly marked "Clutch side" and "Brake side". As shown in Fig 1.4, apply masking tape to the underside of the template to avoid unnecessary scratches to the lids paint.
- Step #2: Using Fig 1.3, put the correct template on the correct lid and drill through the 2 holes in the middle area of the template using a 1/8" (3mm) drill bit. Locate 2 of the supplied "pointy" ended screws from bag labeled "Screw #3" and using hand tools, secure the template to the lid. You will also see "keyhole" shapes in each template where you will start to cut when its time. Drill a 1/8" (3mm) "starter hole" in each of these key holes and then enlarge these holes to 5/16" (8mm).
- Step #3: Using a scratch awl or a pick tool (or something similar), scratch the factory paint all the way around the outer most area of the "cut line." This gives you a line you can use "just in case" you need to trim your lid once your cutting is complete.

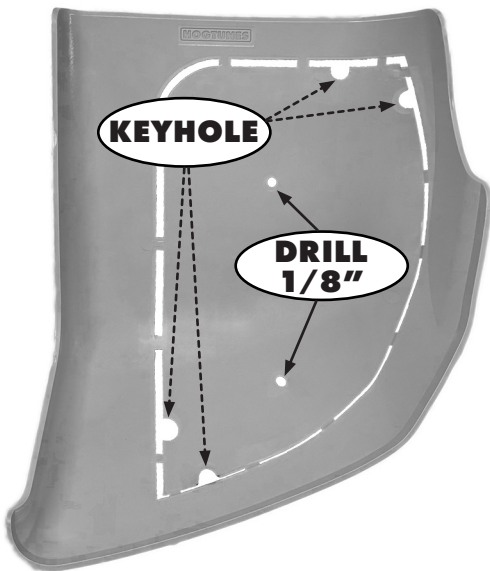


Figure 1.3

Underside of Template
No Masking Tape



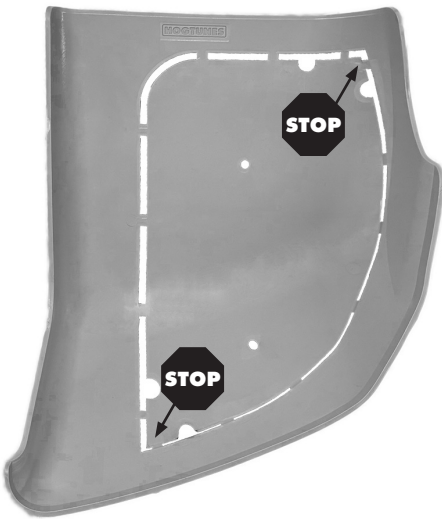
Figure 1.4

Underside of Template With Masking Tape
Applied Around Perimeter

PRO TIPS

1. **Tool Recommendation:** We **STRONGLY** suggest using a blade designed specifically for cutting plastic. When using the correct blade, there should be **ZERO odor of burning plastic** during the cutting process.
2. **Securing the Template:** Before you begin cutting, apply masking tape around the outer edge of the template. While the center is secured by screws, the center section is what you will be cutting out. The tape provides an extra layer of security, ensuring the template's outer perimeter remains firmly in place as you complete the cut.

CUT GRILL OPENING



Its time to start cutting. We suggest a standard jigsaw or an air "body" saw. In all cases, you will **start at one of the "keyholes"** in the template, and **stop at the "hard corners"** as shown. Make sure to cut through all the tabs in the template. We suggest starting at the keyhole closest to the middle of the lid first. Once the template is free from the lid, it can be discarded. You will now see the line you scribed in case you need to do any trimming before proceeding.

TEST FIT GRILL

You can now test fit the grill to see if it fits nicely in the opening. Trim as needed (*unlikely*) being careful not to damage your painted surface



MATING THE GRILLS AND ADAPTORS TO THE LIDS

Protect the Lid: Place the lid face down on a soft surface (like a blanket) to protect the painted finish.

Install Adaptor: Position the main speaker adaptor correctly. Note that adaptors are marked (“clutch side” or “brake side”) and designed to fit only one way.

Prepare Grill: Place the correct speaker grill “under” the lid, aligning its mounting holes with the adaptor holes.

Gather Hardware: Retrieve 8 “Screw #1” screws and 8 “Rubber Washers” and place one rubber washer onto each screw.

Secure Components (Hand Tighten Only): Using only **hand tools**, install the screws in an alternating “X” pattern (e.g., top right, then bottom left).

Final Snugging: Tighten each screw until it is **snug**, and then give it one final $1/8$ turn in the same “X” pattern. The goal is a fully seated screw, avoiding over-compression of the rubber washers to prevent water leaks.



The necessity of using the supplied silicone speaker gasket depends on your specific speakers:

- **Speaker Has Soft Foam:** If your speakers already feature a soft foam or similar material gasket on the front, the supplied silicone gasket is likely not needed for sealing the speaker to the adaptor.
- **Speaker Has Hard/No Gasket:** If your speakers have a hard gasket or no gasket at all, we strongly recommend using the supplied silicone gasket for a proper seal. The supplied gasket has a **flat side** and a **groove side**. You will put the flat side against the adaptor so your speaker sits on to the groove side.

SCREW SELECTION FOR MOUNTING THE 6X9 TO LIDS

The length of the screws used to secure the 6x9 speakers to the adaptors depends on your specific speakers.

- **Standard Speakers:** Start by using the remaining thread-forming screws from the bag labeled "Screw #1." These are sufficient for most 6x9 speakers.
- **Speakers with Thick Gaskets:** If your 6x9 speakers have unusually thick top gaskets, the "Screw #1" screws may be too short. In this case, substitute them with the longer screws found in the bag labeled "Screw #2."

For quick reference

- Hogtunes branded 6x9 speakers require the screws from "Screw #1"
- Wild Boar Audio WBA 692-24 speakers require the screws from "Screw #2"

Final Assembly:

Once the speakers are fully secured to the lids, re-attach the lids to the saddle bags and re-install the completed bags to the bike.

WIRING INSIDE THE SADDLEBAG FOR SPEAKERS

The pre-terminated spade connectors on the harness inside the bag is correct for Hogtunes speakers and may need to have new terminals installed for the speakers you are using. Please note: The larger connector (colored wire) is the negative, and the smaller connector (black) is the positive. With the correct terminals on the wires, plug the wires into your speakers. We don't know if you have other accessories or amps in your bags so you will have to determine the best routing of the wire. **LEAVE EXTRA SLACK SO THE LID CAN OPEN!** You can now use the supplied peel and stick zip tie "anchors" to secure the wires inside your bag. Note: Before applying the anchors, you need to clean the plastic **WELL** using 99% isopropyl alcohol, or similar cleaner. **DO NOT use Acetone (It will eat plastic).** Do not apply pads until cleaner is completely evaporated. With the anchors in place, secure the wires in place using supplied zip ties.

CONNECTING THE BALANCE OF THE WIRE HARNESS

If your amplifier is made specifically for 2024+ motorcycles and uses the factory amp harness for all connections, **Go to Section A.**

If you are adapting an amplifier (i.e., "making it work") and need to splice connections, **Complete Section A, then proceed to Section B.**

SECTION A

There is a factory plug under the seat between the battery area and back fender that has 12 wires going in and out of it. This factory harness is what joins the bike to the back fender. Separate the 2 plugs on this harness noting that one of the plugs is attached to the back fender. The supplied Wild Boar Audio harness has 2 mating plugs that will plug into the factory connectors just separated noting they will only go in one way. Make sure you hear the "click" to know the plugs on the Wild Boar harness are properly installed. The Wild Boar Audio harness will have 2 more pairs of wires coming off of it. The plug with the brown/black wires will plug into the clutch side harness going to the lids previously installed. The plug with the blue/black wires will plug into the brake side harness going to the lids previously installed.

Undo the fasteners used to secure the saddlebag to the bike so the bag can lean away from the bike allowing you to access the wires on the back side of the bag in-installed earlier. The wire will go upwards and be secured to the peel and stick "anchors" using supplied zip tie.

IMPORTANT: Any slack in the speaker wires between the bike and the bags MUST be secured under the seat to eliminate the chance the wires could become tangled in the bikes moving parts when riding!

SECTION B

If you are adapting an amplifier, you will need to splice your amp's output wires into the factory speaker wires using the provided color codes. Both Street Glide and Road Glide models have a 4-pin plug containing four blue wires. This plug is where you will make your connections:

- **Road Glide:** The 4 pin plug is located **underneath the steel plate** where the factory amp was mounted
- **Street Glide:** The 4 pin plug is attached to the **steel plate in front of the factory amp** (closest to you when standing in front of the bike)

Separate the two 4 pin plugs. Connect you amplifiers output wires to the plug that has the wires going towards the back of the bike. Color code for splicing:

Solid Blue	=	Brake side (+)	Blue/orange stripe	=	Clutch Side (+)
Blue/black stripe	=	Brake side (-)	Blue/white stripe	=	Clutch Side (-)

GRILL BADGE OPTION

The supplied grills come with “Wild Boar” badges installed that you may want to customize to black, or even paint a different color.

To Pry Off Badge: Use a tool such as a small flat-head screwdriver or a 90-degree pick to carefully pry and remove the badge.

You can now “black out” the badges by **lightly** sanding the chrome letters off. Keep as much debris off the adhesive on the back of the badge as possible as it will be re-used (no more than one time). To re-apply the badges, simply press the badges firmly back in their original location. If you feel the need, a couple of drops of CA glue will help keep the badges in place.

IMPORTANT NOTE: For the original badge adhesive to bond back to the grill surface, the grill must be kept at room temperature or warmer for a minimum cure period of **24 hours** after the badges have been reapplied.



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!

Harley-Davidson, Electra Glide, Road Glide, Street Glide, Ultra Classic, Tri Glide, CVO, Screamin Eagle and Tour-Pak® are Trademarks, and/or Registered Trademarks of Harley-Davidson, Inc., Milwaukee, Wisconsin, USA, and if Used or Implied are for Reference Only. There is No Affiliation Between Harley-Davidson, Inc., and Hochtunes Inc.

WARRANTY INFO

Wild Boar Audio WBA Retro Lid-24 are warranted against defects out of the box only. Proof of purchase is required for all warranty claims. The warranty applies to the original retail customer, and is not transferable. Please visit www.hogtunes.com for more information or to start a warranty claim. Products found to be defective will be repaired or 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) Paint applied to any part, for any reason.
- 3) Damage from fasteners piercing through or being over tightened.
- 4) Repairs to these products performed by anyone other than Hogtunes.
- 5) Subsequent damage to any other components.
- 6) Any product purchased from a non-authorized Hogtunes dealer.
- 7) Damage to Hogtunes products due to an accident or collision.
- 8) Damage from use of Thread lock/Screw Glue materials of any kind.
- 9) Water leaks of any kind when speakers other than Hogtunes are installed.
- 10) Lids that do not close properly when any other brand of speaker besides Hogtunes are used.

IMPORTANT: In the event of a warranty claim, please fill out the form in the Warranty section of our website, or contact us by email or by phone. Valid claims will have a Return Authorization Number (RA#) generated which MUST appear on the outside of the box when it arrives to our offices.

Goods Arriving Without An RA# Will Be Refused!

REPLACEMENT PARTS

Accidents happen, and we get a lot of requests for replacement parts for all of our kits. If you find yourself needing a grill or a badge, or any other part, please visit the "Parts and Accessories" section of our website at www.hogtunes.com or call us!

**PRACTICE
SAFE
SOUND!**

Hogtunes products will play much louder than the Original Equipment, which can be a distraction to the rider and/or passenger. Please use caution when adjusting, or playing your stereo at high volume, *ESPECIALLY IN TRAFFIC.*

You are a valued customer so please:

**Ride Alert
Arrive Alive!**

HOGTUNES

HOGTUNES INC. FAMILY OF BRANDS

HOGTUNES
Audio Solutions For The Great American Cruiser



www.hogtunes.com