



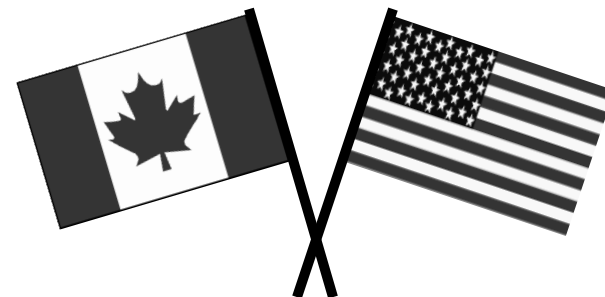
*Any audio system can be a distraction to the rider and/or passenger. Please use caution when playing your stereo, especially in traffic.*

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

HT LID-RM Manual Rev 1.0

# HOGTUNES

*Audio Solutions For The Great American Cruiser*



**Designed and Engineered in Canada For  
The Great American Cruiser**

## Installation Manual HT Lid-RM Kit

**For 2014+ “Rushmore” Touring Bikes  
With Factory Saddlebags**



**Do Not Use “Thread Lock” or “Screw Glue” of  
Any Kind As It Destroys Plastic And Will Cause  
Part Failure NOT Covered By Warranty!**

Thankyou for choosing the Hogtunes HT LID-RM kit! Since positive word of mouth is the best way to grow our business, we want your new parts to work as well as they were designed to. If you have any questions or concerns, we are here to help. Email [tech@hogtunes.com](mailto:tech@hogtunes.com), or call us during regular business hours (EST) at 705-719-6361. If you still need help, please consider a professional install.

## **IMPORTANT NOTE**

The factory saddlebag hinges limit the size of speaker magnet that can be used and allow the lids to open and close without issue. Hogtunes assumes **ZERO RESPONSIBILITY** for fitment issues , or water leaks when any speaker brand other than Hogtunes are used.

**Please be sure of all clearances and inspect the parts carefully BEFORE paint!**

Remove the saddlebag from the bike, and put on a stable working surface. For obvious reasons, blankets etc. on your work surface will help protect the paint.



Fig 1.1



Fig 1.2

The white circle in Fig 1.1 above is where a 3/4" (19mm) hole will be drilled. This hole is where the supplied Hogtunes rubber grommet will go to allow the lids speaker wire to pass from the saddlebag. We strongly suggest putting masking tape over the painted area to be drilled. We also suggest starting with a small bit, and gradually working your way up to the 3/4" (19mm) hole. Drilling the hole with the lid still on is recommended!

The supplied grommet in Fig 1.2 is "split" to make the install much easier once the wire is in the bag. The white circle in the picture shows a "plug" that can easily be removed. If the only wire you have going into your saddlebag is the speaker wire, leave the plug in place. If you have a second wire for such things as lighting etc., removing the plug from the grommet will allow the second wire to also pass without having to drill additional holes in your saddlebag.

### Wiring the lids to your amp:

The 4 pin connector will plug into Hogtunes REV 200-RM 2 channel amp, or Hogtunes NCA 450-RM 4 Channel amp. If your using another brand of amp, you will see that the wires near the 4 plug are labeled. Simply cut the plug off and wire the lids to your amp using the labels to identify each wire.

### Notes Regarding Magnets:

Most speakers magnets are large and powerful. Credit cards and electronics can be sensitive to magnets, so please exercise caution in how you pack your saddlebags. Metal objects packed into your bags may end up stuck to the magnet, so please use caution when opening the lids. Magnets can also get hot when speakers are being played, especially at higher volumes. Please consider this when packing your saddlebags.

### Warranty Information:

Hogtunes HT LID-RM 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](http://www.hogtunes.com) for more information or to start a warranty claim. Products found to be defective during the warranty period 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.

Its time to route the wires in the saddlebag. Please do a “ghost run” of placing the wires before applying any adhesives. This will help, trust us! Locate the long supplied wire harnesses noting they are labeled brake side and clutch side. Attach the “wire end” to your 6x9 using your own connectors that fit correctly-noting the wire that comes from us with the smaller connector is the positive. For the ghost run, have the wire from your 6x9 go straight to the bag, and “fold” the wire so it will naturally want to go straight down. Leave a little slack between the lid and bag to give a little “wiggle room” for when the lid opens and closes. Have the wire go straight down to the bottom of the bag and do another fold so the wire wants to point to the outside back of the saddlebag. Once there, do another fold to point the wire to the inside back of the saddle bag. Another fold to point the wire forward along the bottom of the bag, and directly below the point where you drilled the hole for the grommet, do another fold so the wire goes straight up to the hole. When done correctly, the black 2 pin plug can go through the grommet hole, and hang out approximately 4” (10cm)

Once you’re satisfied the wires are ghost run as instructed, you will want to plan where the adhesive pads will go, so that zip ties can secure the wires inside the bag. Note: Before applying the pads, 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 pads in place, secure the wires in place using supplied zip ties.

#### Routing the speaker wire harness:

The long supplied harness with 4 wires has 2-2 pin plugs on one end, and a single 4 pin plug on the other. In all cases, the end with the 4 pin plug will go nearest the amp you’re using which typically will be your fairing.

For FLH (Batwing) Models. The harness will pass under the inner fairing where the main wire harness passes through on the brake side of the bike. For FLTR (Road Glide) Models, the harness will pass through the inner fairing where the factory wires pass. Loosen the tank console and run wires up and over the gas tank, but under the tank console. There is a provision on the front of the tank console for wires to pass. Note: You “can” lift the tank if you want but it is not required. Once past the battery, the harness will continue towards the back of the bike along the frame, and when correctly installed, the 2-2pin plugs will be beside the back seat on the brake side of the bike. Secure the harness to the bikes factory harness’ using zip ties. Plug the brake side lid in. Run the clutch side under the seat and plug it in.

Disassembling The Factory Lid: As you disassemble your factory lid, please make note of what screws came from where as they will be re-used. Open the factory lid and you will see 2 “T15” torx screws on the “bag side” of the cloth tether that holds the lid to the bag. Remove these 2 screws, move the cloth tether out of the way, and you will see 2 more of the same screws which also need to be removed. The lid is now free from the bag. Remove the 2 screws that hold the “key lock” to the factory lid. The chrome panel with the reflector built in comes off the factory lid by removing the 3 screws right next to the key lock. At its seam, the factory foam gasket needs to be peeled up enough to allow the rest of the hinge mechanism to be removed from the factory lid. There are 2x “T20” torx screws that hold the balance of the hinge mechanism to the plastic of the lid. Remove these screws and put hinge mechanism aside.

Remove the T15 screw that holds the opening handle in place and pull the handle away from the factory lid. Remove the last 4x T15 screws securing the large latching mechanism to the underside of the factory lid. This entire mechanism is now removed. Put your factory lid aside.

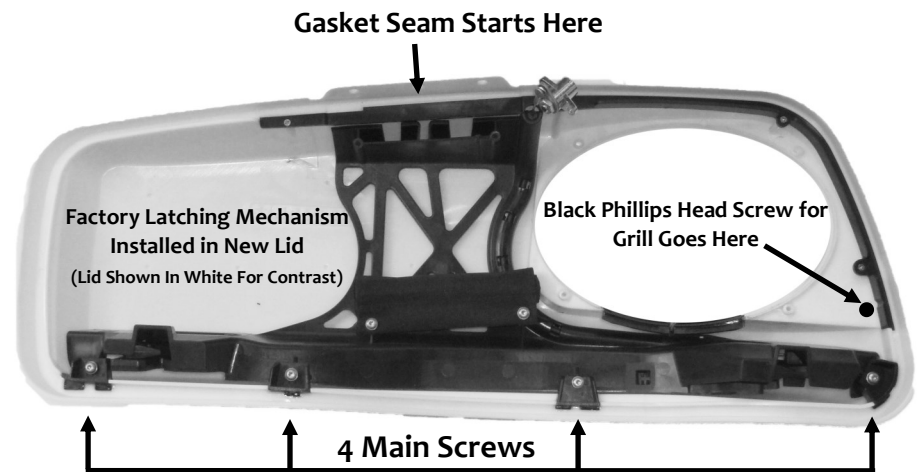


Fig 1.3

The large latching mechanism just removed will now be installed into the Hogtunes lid using the factory screws just removed. You will need to jostle the mechanism gently to get it in place. As shown above (Fig 1.3), the 4 main screws on the mechanism are the ones to do first. Install the factory handle to the new lid using the factory screw. Next, the 2 screws will go back in on the hinge side followed by 3 screws that secure the chrome cover with reflector. Do not put in the 2 screws that hold the lock in place just yet.

Before applying the supplied rubber gasket you will need to clean the area that the gasket will stick to. Use a mild cleaner such as 99% Isopropyl alcohol, but not something aggressive like Acetone as acetone will destroy the lid. Once the cleaner is completely dry, start applying the gasket so the seam will be at the same point the factory gasket had as shown in Fig 1.3 on previous page. Do not over stretch the gasket as you're applying it along straight passes, but at the same time, don't allow it to "bunch up" in the corners or the lids may not close properly. Make sure the adhesive portion of the gasket is stuck to the bottom portion of the trough all the way around. When you have the gasket all the way around, you can expect to have some left over that can be carefully cut off using a sharp knife or scissors. The lids will be harder to close the first few times until the gasket "breaks in". Once the gasket is applied and cut to size, re install the 2 factory screws that hold the key lock in place.

With the lid painted side up, sit the metal mesh grill into place using the tongue on the grill and the groove on the lid. Install black Phillips screw as shown in Fig 1.3 on previous page.

With the grill in place, flip the lid back over and locate one of the black plastic filler pieces (shown in Fig 1.4 below) that come packaged in the bag with this manual. You will see a groove on the filler piece that mates to the lid. Locate the black gummy material that came in the kit and take one strip, roll it in your fingers so its close to uniform thickness and apply across entire groove. The groove is highlighted by arrows in Fig 1.4 below.

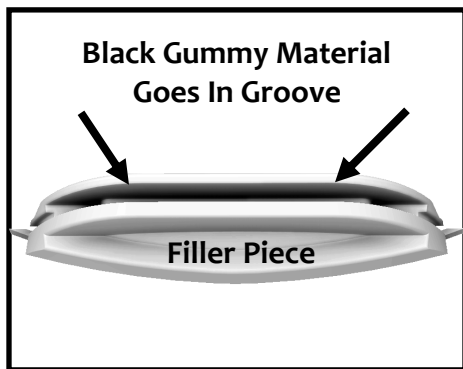


Fig 1.4

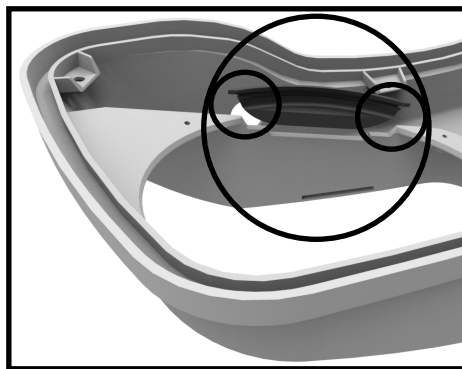


Fig 1.5

Press the filler piece into the lid as shown by the large circle in Fig 1.5 above. With the filler piece in place, take another black gummy strip and tear off 2 short strips about 3/8" (9mm) each. Squish each piece across the small seam where the filler piece meets the lid on the plane the speaker will sit on as shown by the small circles in Fig 1.5. Adding the gummy material between filler piece and lid is an added failsafe for helping with water.

**Mounting the speakers:** Most car speakers have the connectors on one side as shown by the white circle in Fig 1.6 (below). If yours are like this, sit the speaker in place so it is oriented as shown below . If your speakers connectors are on an "end", sit the speaker on the lid so the connectors sit closest to the factory cloth tether. The lids come supplied with silver #8-18 coarse thread screws, with 3/4" (12mm) thread which will secure many speakers nicely. Depending on the speaker you are using ,you may need to use longer screws. Do not use too long a screw as you may pierce the top side of the lid! Also, you will see that 2 of the speaker screws also go up into bosses and secure the grill to the bike. Do not use wider screws as you may destroy the grills bosses and your grills will not be secured. PIERCING THE LID OR DESTROYING THE GRILL BOSSES IS NOT COVERED BY WARRANTY.

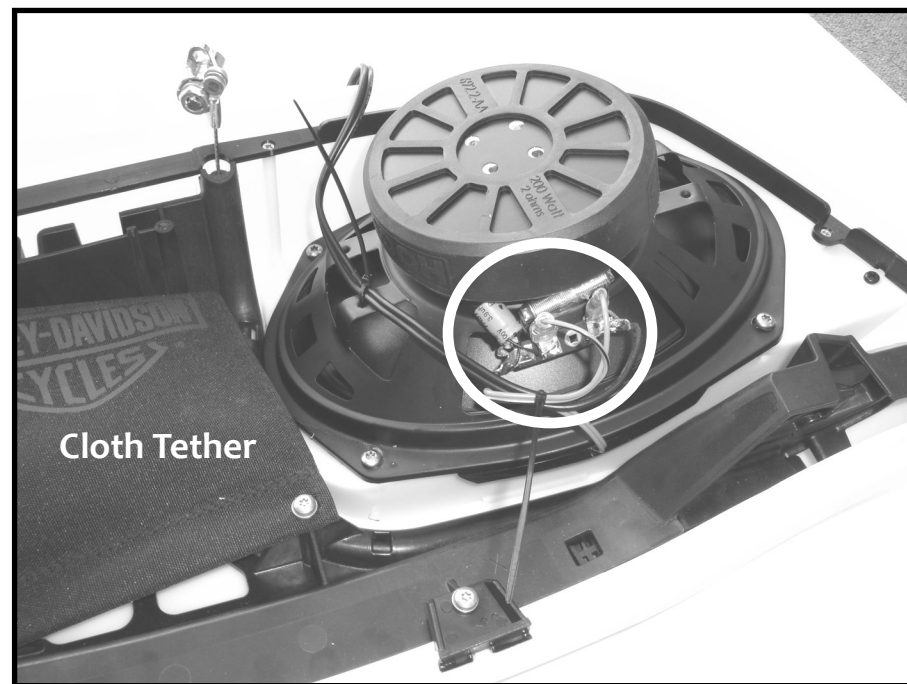


Fig 1.6

With your speaker installed, take the lid to the saddle bag, and using the factory screws, secure the hinge on your lid to the bag. When done, the other half of the cloth tether will attach to the saddlebag using the factory screws.

Included in the kit are adhesive "pads" that when attached, have a provision to secure the wires in place using the supplied zip-ties. Split the adhesive pads into 2 equal groups—one group per bag.