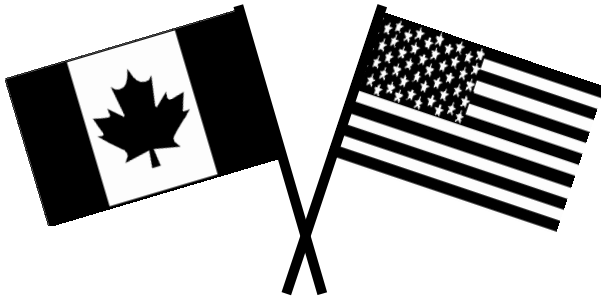


HOGTUNES

Audio Solutions For The Great American Cruiser



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

G4 LC LOWER-RM Installation Manual

**For Use On 2014+ Liquid Cooled
Touring Bikes**

Version 1.0

Thank-you for choosing Hogtunes Liquid Cooled Lower Speaker Adaptors with our Gen 4 speakers. Since positive word of mouth is the best way to grow our business, we want your new products to work as well as they were 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. If you still need help, please consider a professional installation by your dealer.

Getting Started:

Step #1: Remove the seat, and both wires (+ and -) from the battery.

Step #2: Remove the outer fairing/headlamp assembly. Refer to a service manual if you need help with this. Note: A towel on the front fender can help prevent scratches or “dings” from dropped tools or fasteners etc. High volume expletives will also be kept to a minimum.

Step #3: Starting on the brake side lower fairing, use a coin or something similar to carefully pry off the front access cover. With the cover removed, look inside the opening, and at the very back, you will see a 7/16” nut that is to be removed. This nut allows the painted fairing lower “cap” on the front to come off. With the painted cap off, you will see a “bar” that secures the top half of the lower to the crash bar. Remove the 2 nuts and the bar and put aside for now. At the bottom of the lower is a clamp that holds the bottom half of the lower to the crash bar. Remove the bolt that secures the clamp.

Step #4: Gently push the top of the lower towards the back of the bike just enough so you can remove the 3 torx screws (normally hidden by the painted cap) that hold the lowers front panel in place. Gently pull on the front panel to release 2 clips which will allow the front panel to come away, but not completely free from the bike yet. There is a small arm for the vent mechanism still attached that is removed by squeezing the top of the pivot pin and lifting up on the arm. You can now bring the factory lower front panel to a work bench and remove the torx screw that holds the vent adjuster and arm to the factory panel. Using the same screw, install the vent adjuster and arm into your new speaker adaptor.



Step #5: The kit comes with die cut foam panels. Find the one for the side of the bike you are working on and apply as shown noting you should clean the area with isopropyl alcohol first. On your factory front panel, you will see 2 white clips. One of these clips will come off and be installed onto the new speaker adaptor.

Step #6: Moving to the front side of the lower , in the area normally hidden by the painted cap, you will see a hole where the bolt passes through that secures the painted cap. Just above that hole and approximately 2" back from the bolt hole, you will need to drill a 3/8" hole for the wires to pass. When this install is finished, the painted cap will hide the wire nicely. It's a good idea to start with a pilot hole and then drill the final size. Use care to make sure your drill bit does not pierce the radiators coolant tank inside the lower on the brake side!

Step #7: Locate the supplied wire harness. On the harness you will see a main 4 wire harness with blue/black, and brown/black wires covered in a black sheath. You will also see two 2 wire harnesses (wires are all black) that each need to be unplugged from the main harness. If you are using a Hogtunes branded amp, follow the instruction in that manual for wiring. If you are using another brand of amplifier, you can cut the 4 pin plug off and wire your amp into our harness. The blue/black pair is brake side and the black wire is the positive (+). The brown/black pair is the clutch side and the black wire is positive (+).

Step #8: The balance of the main wire harness will pass through on the brake side of the fairing where the main factory wires pass. Have the opposite end of the main harness go so it ends up on top of the crash bar as close to the center as you can. Locate the 2 wire harness marked "brake side" and plug it into the main harness connector noting it will only go in one way. The other side of the same harness will go into the lower. Pass the larger connector first. You can also tear off the sticker if that makes it easier. Once the wires are in the lower, take up the slack along the crash bar keeping the main harness as close to the center of the crash bar as possible.

Step #9: The kit comes with strips of black gummy material. Take one of the strips and use it to seal the hole around the wire on the outside of the lower.

Step #10: Snap the arm for the vent back into place on the pivot pin. Re install the 3 factory torx head screws (by hand just until they are snug) to secure the panel to the lower. The "bar" and 2 nuts removed earlier that secure the top of the lower to the crash bar will now be reinstalled. The bolt removed earlier that secures the lower to the bottom of the crash bar is also re installed.

Step #11: Using some of the supplied zip ties , secure the speaker wire to the crash bar keeping the main harness as close to the center of the crash bar as you can. It's a good idea to trim the excess of the zip ties as close to flush as possible so there are no sharp edges. When done, install and secure the painted fairing lower cap with the 7/16" nut removed earlier.

Step #12: Take a supplied 462F-RM speaker and plug the wires on to the speaker. The supplied machine screws will go through the supplied grills, through the speaker and into threaded inserts on the lower adaptors. A hand screwdriver is strongly suggested for this.

Step #14: Repeat the previous steps to install the lower speaker adaptor and speaker for the other side of the bike.

Step #15: Now is the best time to use zip ties to properly secure and “clean up” any wiring. Its always a good idea to remove excess from the zip ties but cutting them as close to flush as possible so there are no sharp edges!

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!

Warranty Information:

The supplied lower speaker adaptors are warranted against defects out of the box only. The supplied Hogtunes speakers are warranted for a period of 20 years. Proof of purchase is required for all warranty claims. The warranty applies to the original retail customer, and is not transferable. Please contact Hogtunes for all warranty claims. 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. Hogtunes complete warranty policy is available at www.hogtunes.com

What Is Not Covered:

- 1) Any expense related to the removal or re-installation of Hogtunes products.
- 2) Repairs to these 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 Hogtunes products due to an accident or collision.
- 6) Paint applied to any part, for any reason.
- 7) Speaker frames (baskets) that are bent or broken.
- 8) Speaker cones that are pierced or cut.
- 9) Damage caused by over tightening, or not using supplied fasteners.
- 10) Damage from use of “Thread lock or Screw Glue” materials of any kind.