



### Harley-Davidson Street Glide and Road Glide 2014-2022 Infinity and Saddle Tramp saddlebag speaker upgrade kit

Visit [metraonline.com](http://metraonline.com) to view the available installation parts and Motorcycle accessories. Not compatible with the Rockford Fosgate OE system.

#### KIT FEATURES

- 6" x 9" speakers
- All installation equipment provided
- For 2014-2022 Harley Davidson Street and Road Glide motorcycle saddlebags

#### WHAT'S IN THE BOX

- A) One pair of Kappa Perfect 900x • B) Plug-n-Play Harnessing

#### TOOLS REQUIRED

- Panel removal tool • Phillips screwdriver • Allen wrenches (5/32" and 3/16") • Torx sockets (T25, T27, T40)
- Socket set (7/16" short and deep well) • Oscillating multi tool • File

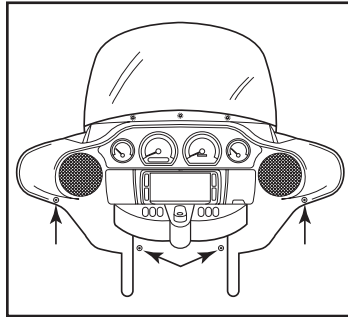
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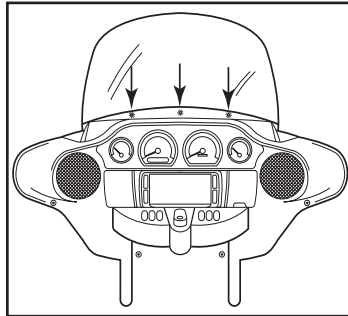
**Attention!** With the key out of the ignition, disconnect the negative battery terminal before installing this product. Ensure that all installation connections are secure before cycling the ignition to test this product.

## FAIRING DISASSEMBLY (STREET GLIDE)

**Attention!** It is recommended that any OEM amplifiers and harnessing be removed from the bike before starting the installation of the Infinity audio system. These systems are designed to unplug from factory connectors. The removal of the OE equipment will be easier after the disassembly steps are completed. **DO NOT CUT FACTORY HARNESSES.**\*\* If your motorcycle has an amplified BOOM system we have included amp bypass plugs in circumstances when removing the OE equipment is not an option. Please see the Amp Bypass section of this manual for installation details.



(Figure A)

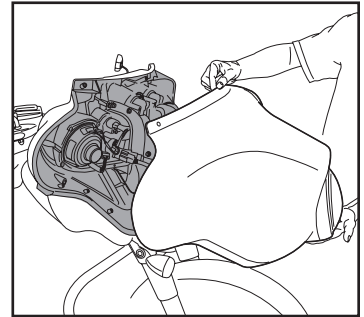


(Figure B)

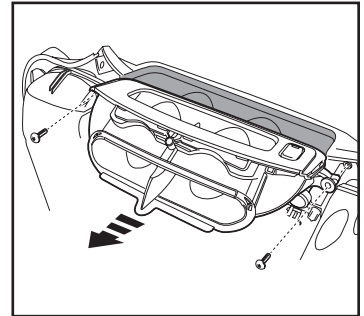
### Harley Davidson Street Glide, Electra Glide, Ultra, and Limited models 2014-2022

1. Remove (4) T-27 Torx screws from the inner fairing. (Figure A)
2. With a firm grip on the windshield, remove (3) T-27 Torx screws. Remove the windshield, the outer fairing will also be loosened. (Figure B)
3. Remove the outer fairing, unplugging the headlight. (Figure C)
4. Remove (2) T-27 Torx screws to remove the fairing vent, and then remove the vent. (Figure D)

*Continue to Fuel Tank Removal*



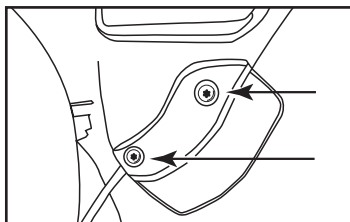
(Figure C)



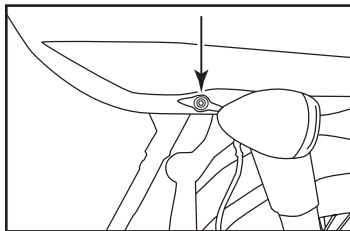
(Figure D)

## FAIRING DISASSEMBLY (ROAD GLIDE)

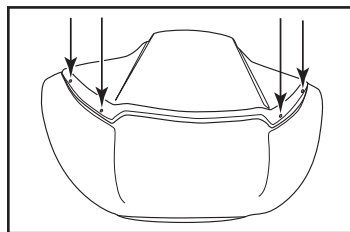
**Attention!** It is recommended that any OEM amplifiers and harnessing be removed from the bike before starting the installation of the Infinity audio system. These systems are designed to unplug from factory connectors. The removal of the OE equipment will be easier after the disassembly steps are completed. **DO NOT CUT FACTORY HARNESSSES.** \*\* If your motorcycle has an amplified BOOM system we have included amp bypass plugs in circumstances when removing the OE equipment is not an option. Please see the Amp Bypass section of this manual for installation details.



(Figure A)



(Figure B)



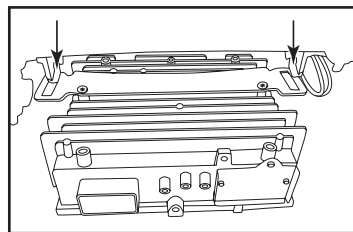
(Figure C)

1. Remove the lower T-27 Torx screws holding the deflector wings, one on either side. **Note:** Only the lower (2) need to be removed. (Figure A)
2. Remove (1) 3/16" Allen screw securing each turn signal. (Figure B)
3. With a firm grip on the windshield, remove (4) Phillips screws and set the windshield aside. (Figure C)
4. Remove the top fairing trim clipped to the top of the radio. (Figure D)
5. Unplug the turn signals.
6. Remove the speaker grills with a panel removal tool and remove (1) T-30 Torx screw from each side. (rg sp 1) (Figure E)

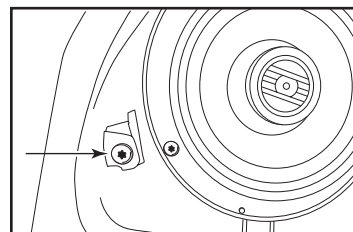
**CAUTION:** The fairing will be loose at this point. Have a helper hold it to keep from damaging it when removing the screws.

7. Remove the fairing and set aside.
8. Unplug radio

*Continue to Fuel Tank Removal*



(Figure D)

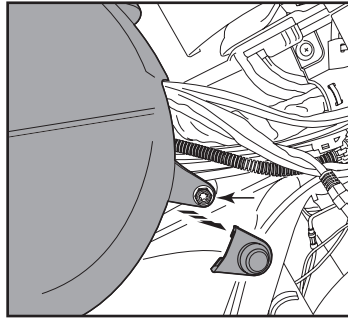


(Figure E)

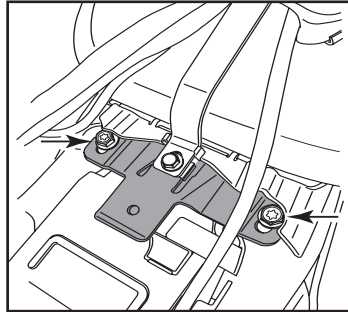
# FUEL TANK REMOVAL

## Fuel Tank Removal

1. Using a Philips screw driver remove the bolt holding the seat to the rear fender.
2. If the seat has a strap separating the rider and passenger seat you will need to remove (2) Philips screws from either side of the seat. Open each bag lid to gain access to the screw.
3. Pull up and back on the seat to release the front of the seat, set aside.
4. Remove the (2) plastic covers to expose the T-40 bolts and remove. (Figure A)
5. Remove (2) T-40 bolts at the base of the gas tank, under the seat. (Figure B)

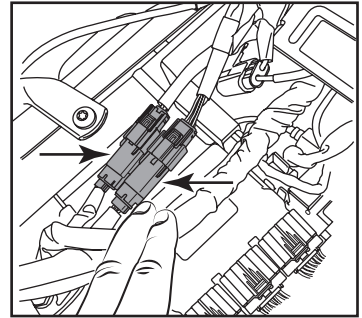


(Figure A)

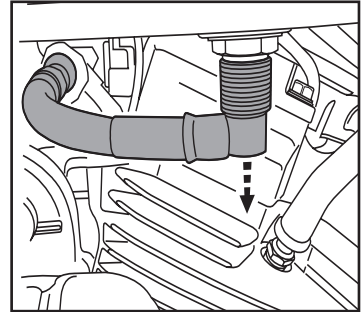


(Figure B)

6. Unplug and disconnect all connectors and drain tubes that would prevent gas tank removal. (Figure C)
7. Disconnect the fuel supply line. The quick disconnect can be found on the clutch side of the gas tank. Push up on the silver collar and pull down slightly on the hose. The fuel line will release. A small amount of fuel that will be release while disconnecting. Once disconnected the gas will not leak out. (Figure D)



(Figure C)



(Figure D)

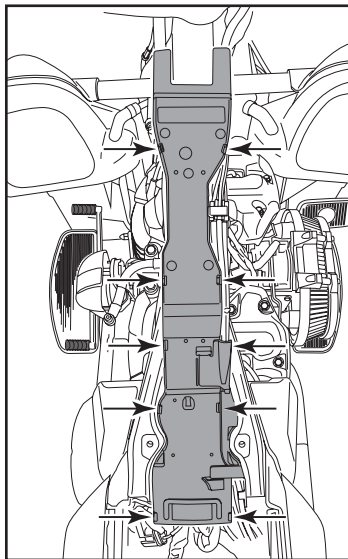
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## FUEL TANK REMOVAL (CONT.)

### Fuel Tank Removal (cont.)

8. Set gas tank aside to gain access to the back bone wire harness channel. (Figure E)
9. Remove the plastic cover by releasing the locking tab up both sides of the plastic channel. (Figure E)

*Continue to Harness Routing*



(Figure E)

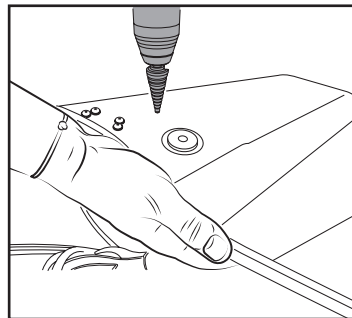
## HARNESS ROUTING

### Saddlebag Removal

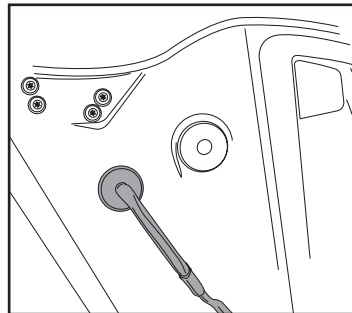
1. Open the lid of the saddlebag.
2. Turn the two locking clips counter clockwise and remove.

### HM-9723 Saddlebag Harness

1. This harness carries audio from the front fairing, where the amplifiers are installed, down the back bone of the frame to the saddle bags.
2. Each speaker wire has a heat shrink label marking which side of the bike it is used on.
3. Using a step bit, drill a 3/4" hole in the approximate area shown in figure A (Figure A)
4. Feed the speaker wire with the over molded grommet through the 3/4" hole and press the grommet into place. (Figure B)



(Figure A)



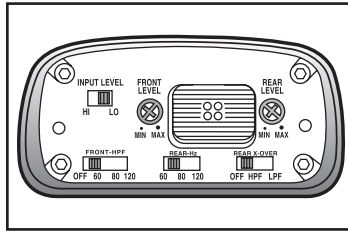
(Figure B)

*Continued to Amplifier Configuration*

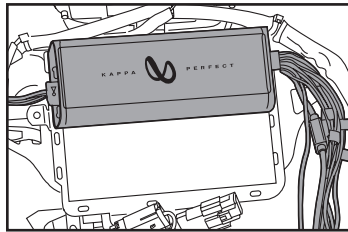
# AMPLIFIER CONFIGURATION

## Street Glide

1. When adding the Saddlebag speaker kit your Kappa perfect amplifier should already be installed. Using the image (Figure A) confirm your amplifier is set correctly.
  - a. Input Level – Set to LO
  - b. Front and Rear Levels – Set to 25% or 9 o'clock
  - c. Front and Rear Crossover – Set to off (Figure A)
2. Replace the watertight cover.
3. Position the Infinity amps power and speaker connectors on the clutch side of the **BC-AMPO6 bracket**. (Figure B)



(Figure A)

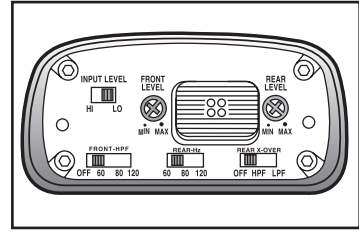


(Figure B)

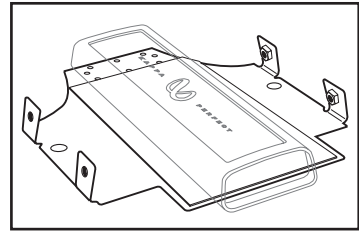
Continue to Wire Routing

## Road Glide

1. When adding the Saddlebag speaker kit your Kappa perfect amplifier should already be installed. Using the image below (Figure A) confirm your amplifier is set correctly.
  - a. Input Level – Set to LO
  - b. Front and Rear Levels – Set to 25% or 9 o'clock
  - c. Front and Rear Crossover – Set to off (Figure A)
2. Replace the watertight cover.
3. Orient the amplifier so the power and speaker output connectors are toward the front of the bike. Push the amplifier into the fairing and stick to the hook and loop pad on the **amp bracket**. (Figure B)



(Figure A)



(Figure B)

Continue to Wire Routing

## WIRE ROUTING

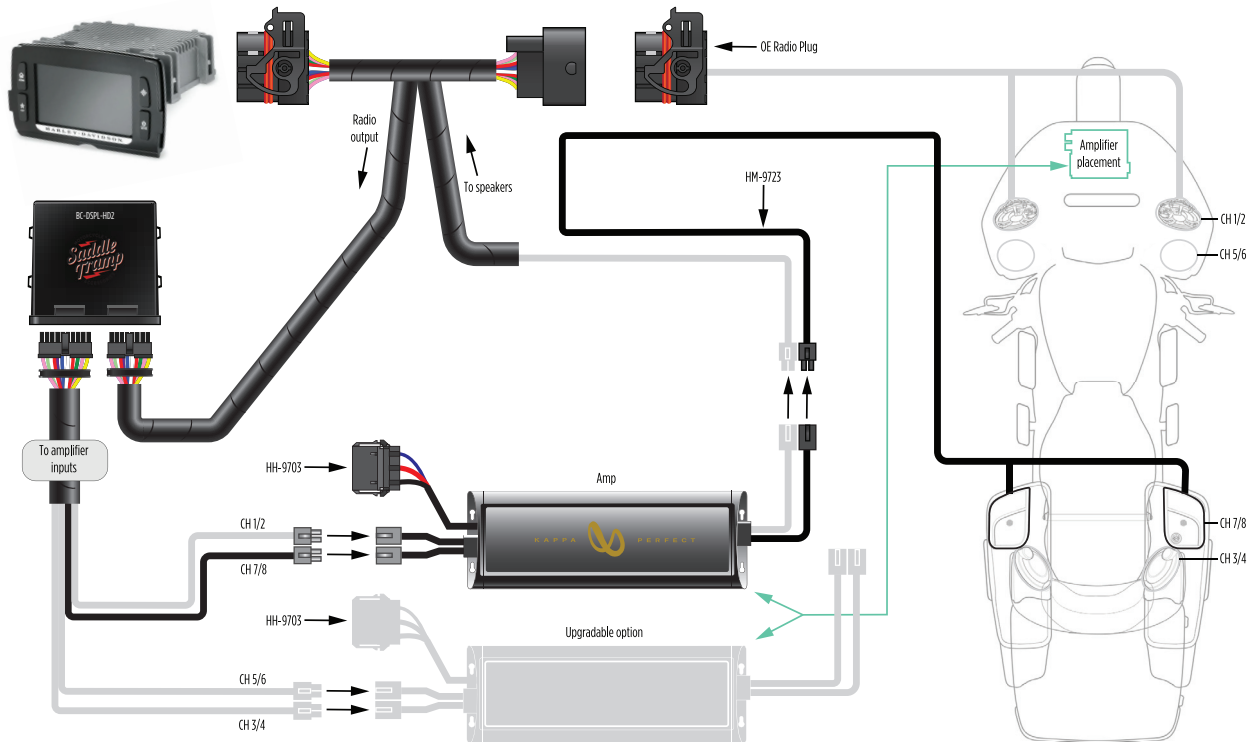
### Connecting the HM-9723 Harness to HM-9715 harness

2. Infinity Amp connections (See Figure A on page 8)
  - a. The HM-9723 black 4 pin connector should be inside the front fairing. Plug the HM-9723 connector into the rear channels of the amplifier.
  - b. From the 16 pin DSP harness. Plug the second white 4 pin Molex connects labeled Ch7/8 into amplifier ones rear input.
3.
  - a. Channels 3/4 and CH5/6 are used when upgrading your system with additional Infinity amps and speakers.
  - b. Channels 9 & 10 are available as additional outputs and not typically used. Secure with zip-ties.
4. Connect the Blue/White wire from the 16 pin DSP harness to the Blue/White wire on the HM-9703 harness.

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# WIRE ROUTING (CONT)

## Infinity Amp connections



(Figure A)

Continued to saddlebag lid preparation

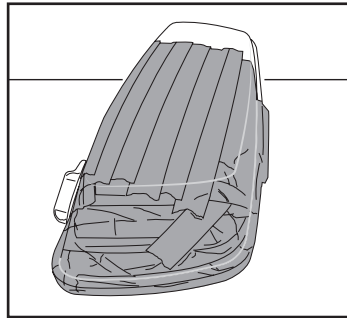


# SADDLEBAG LID PREPARATION

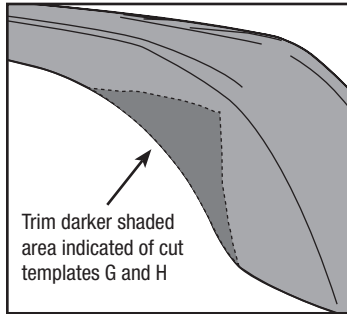
## Saddlebag Speaker Lid Kit

The installation of the cut-in bag lid kits can be accomplished without fully disassembling the bag lid. These steps will show how to install the kit still fully assembled.

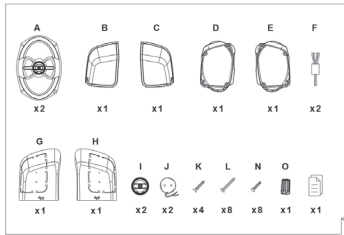
1. With the saddlebag removed from the bike, set it on a surface so the paint will not be damaged.
2. Use painters tape (blue or green) to cover the entire front edge of the bag lid, extend the tape 2/3rd of the way down the bag lid. (Figure A)



(Figure A)

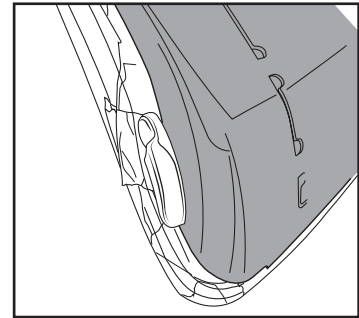


(Figure B)

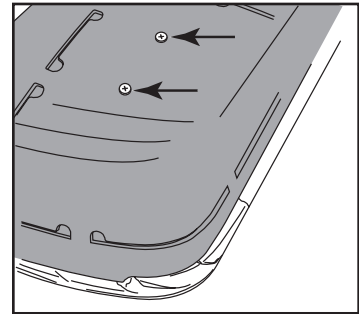


3. Remove the **cut templates** (G) and (H) from the 900X 6x9 kit. **Note:** In order to get the cut template to sit flush on the bag lid the area contacting the bag lids release lever will need to be notched. Using the oscillating multi-tool trim both (G) and (H) until the **cut template** is flush to the top of the bag lid. (Figures B, C)
4. Using the **supplied screw** (K) secure the **cut templates** in place. (Figure D)
5. Using a sharpie mark the cut lines around the template.
6. It is recommend that the **cut template** stay in place while using the oscillation tool.

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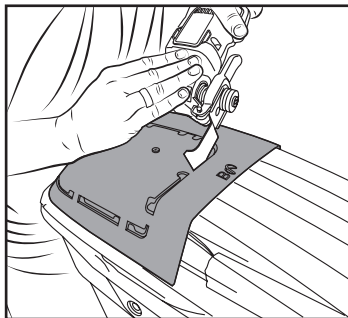
(Figure C)



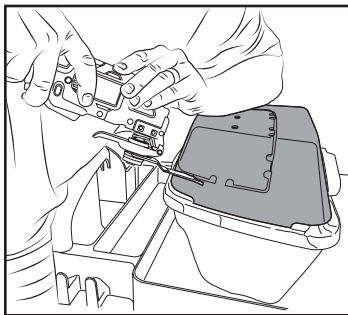
(Figure D)

## SADDLEBAG LID PREPARATION (CONT.)

7. Using the cutting tool cut on the marked line, as you get to plastic that bridges the gaps on the **cut template** cut through them. **Tip:** as you are cutting the outside edge of the bag lid hold the Oscillating tool parallel to the ground. (Figures E, F)



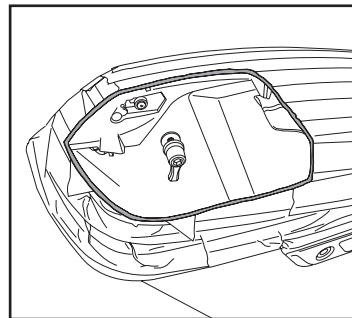
(Figure E)



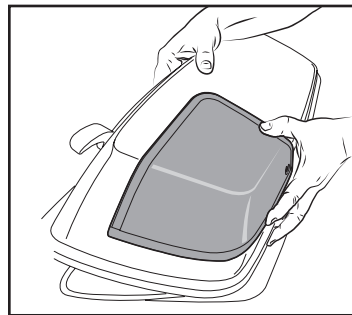
(Figure F)

8. With the cutout removed, use a file to clean up the edges from the cutting tool. (Figure G)
9. Remove the painters tape. Pull **grilles (B) and (C)** from the 900x box and test fit. Make sure the outside edges of the grilles sit flush to the top of the bag lid. (Figure H)

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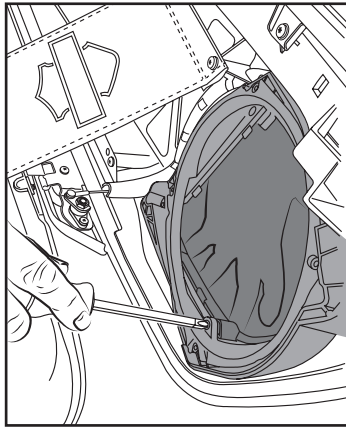
(Figure G)



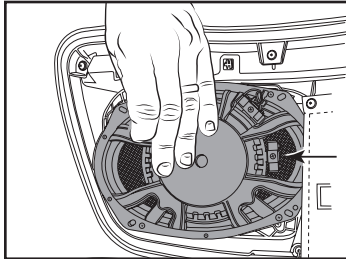
(Figure H)

## SADDLEBAG LID PREPARATION *(CONT.)*

10. Open the bag lid. While the outside grill is being held in place use **bracket (D) or (E)** with the (4) black stainless screws (N) and secure the grille and bracket together. Note the bag lid will be sandwiched between the grille and bracket. (Figure I)
11. Install the **6x9 speaker** using supplied hardware (L). The speaker's terminals should point toward the center of the bag. (Figure J)

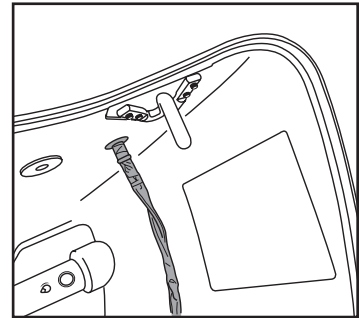


(Figure I)

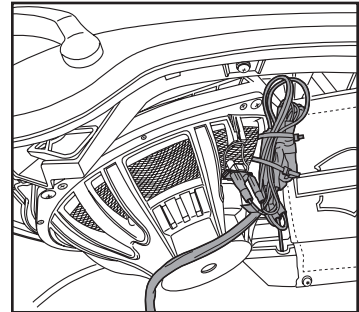


(Figure J)

12. Feed the **HM-9723 harness** into the saddlebag using the supplied accessories to secure the wire. Using the supplied speaker wire connect the HM-9723 terminals to the Infinity speaker wires labeled IN+ and IN-. Connect the W+ and W- to the woofer speaker terminals. Then connect the T+ and T- to the tweeter speaker terminals. (Figures K, L)
13. Reinstall the saddlebag, making connection to the quick disconnect plugs on the HM-9723.



(Figure K)



(Figure L)

For Tech Support questions on Infinity amplifiers and speakers please call:

**800-553-3332**

Monday - Friday: 9:00 AM - 11:00 PM (EST)

Saturday - Sunday: 9:00 AM - 5:00 PM (EST)

For all other tech support questions please call Metra's Tech support.

Having difficulties? We're here to help.



Contact our Tech Support line at:

**386-257-1187**



Or via email at:

[techsupport@metra-autosound.com](mailto:techsupport@metra-autosound.com)

### Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 5:00 PM

Sunday: 10:00 AM - 4:00 PM



### **KNOWLEDGE IS POWER**

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