



**INSTALLATION INSTRUCTIONS / OWNER'S MANUAL:
AUDIO MINI
OFF-ROAD SOUND SYSTEM FOR HONDA PIONEER 700 MODELS**

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Thank you for choosing the Hoppe *Audio Mini* off-road sound system. We hope you enjoy the off-road sound system, and we ask that you follow these instructions very closely. Doing so will save you time and ensure that your experience with the new *Audio Mini* is a positive one.

We strongly suggest that you read the complete instructions before beginning the installation process to eliminate the possibility of performing unnecessary work.

Having a safe and clean environment and using the proper tools is essential for a successful installation.

It is critical that proper eye wear, ear protection, and protective clothing is worn throughout the top installation.

When you receive your *Audio Mini* off-road sound system, please check to ensure that all parts and hardware are included. If there are any parts missing or if you have any questions concerning the system at this time call Hoppe at (262)-552-2770 Mon-Thur. 8am-5pm CST or Friday 8am -12pm CST. Or you can email us at tech@hoppeindustries.com.

Hoppe reserves the right to change specifications, equipment, or designs at any time without notice and without incurring obligation.

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SECTION 1 – Tools Required

- Socket wrench set
- Combination wrench set
- Wire cutters

In addition to the above items, you may need shop supplies such as electrical tape, wire ties, thread locking compound, etc.


SECTION 2 – About your Audio Mini sound system

2.1 Applicable Year Models:

This *Audio Mini* off-road sound system is designed to fit the following Honda Pioneer models:

- 2014-2024 Pioneer 700 (all versions)
- 2014-2024 Pioneer 700-4 (all versions)
- All versions means it includes sub models such as Base, Deluxe, and Forest.
- This system is compatible with most front windshields and roofs.
- Accessories that mount overhead near the front of the roll cage such as rear view mirrors, wiper motors, etc. may not be compatible or may require modification. Contact Hoppe customer service for questions.

2.2 Audio Equipment Details:

Your *Audio Mini* off-road sound system is powered by  using their marine series audio equipment. This equipment is designed to function in all weather conditions with an IPX6 water resistance (powerful water jet) rating. The stereo is specifically engineered to provide excellent sound quality and volume in an open air environment so you can enjoy your music on the go.

To learn more details about your stereo system, you can access product information and manuals for the stereo equipment here:

- KMC2 receiver: <https://www.kicker.com/46KMC2>
- Speakers: <https://www.kicker.com/41KM604W>

You can feel free to crank up the volume without much worry of harming your system. However, it is wise to use a little common sense. If you hear any distortion, back off a little.

Use the equalizer settings in your KMC2 receiver to adjust the settings to your preferences.

2.3 Warranty:

Your *Audio Mini* comes equipped with a 1 year limited warranty covering the light, the stereo equipment, and the enclosure. The date of warranty coverage will be determined by the registration date of the warranty card or online warranty registration.

<http://www.motortrike.com/TrikeAccWarranty.aspx>

If the warranty is not registered with Hoppe, the warranty period will begin when the Audio Mini was shipped from Hoppe's factory.

2.4 Care and Maintenance:

Your off-road sound system does not require any maintenance other than an occasional cleaning. To clean your audio system, simply hose off or power wash from a distance. If needed, use a mild automotive soap and sponge or brush. Use common sense. Do not use a high pressure power washer up close where it could cut, scar, or force water beyond the design intent of the enclosure, light, or stereo equipment.

There is an inline fuse, close to the end of the chassis harness where it connects to the battery. It can be accessed by pulling the cap off of the fuse holder. There is also a mini 40-amp ignition relay built into the chassis harness next to the inline fuse. See Figure 1.

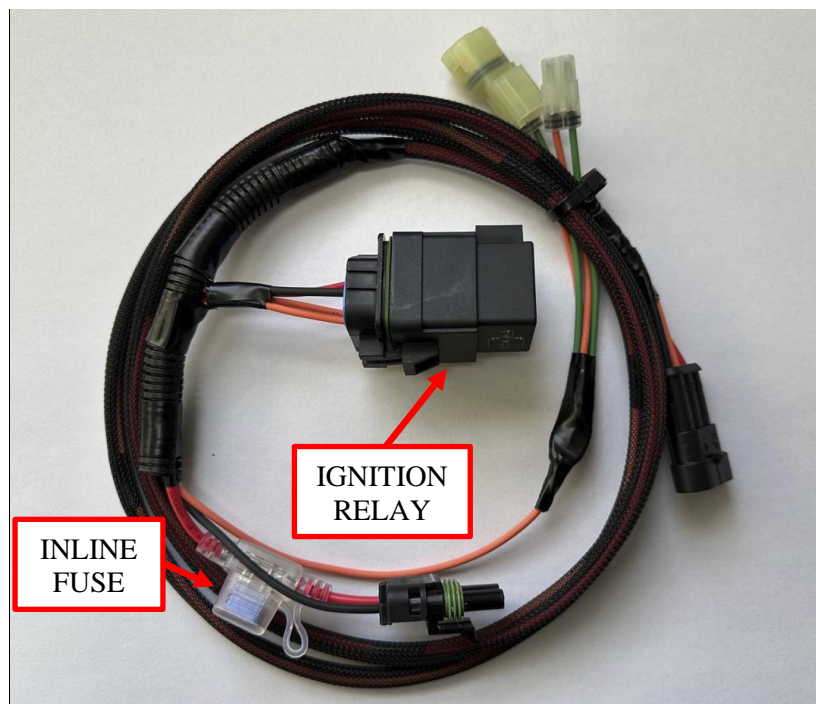


Figure 1: Fuse location.

- Fuse 1: 15 amp mini fuse for light / radio receiver power.

2.5 Warnings:

This off-road system adds up to 25 lbs. to your vehicle and is located up high on the roll cage. This increases the vehicle's center of gravity and changes the vehicle dynamics and handling characteristics. Use extra caution as you learn the driving characteristics of your vehicle with your new off-road sound system installed. High speed cornering, off camber or side hill, acceleration, and braking performance will be negatively impacted by the weight of the sound system.

Do not listen to your stereo at an uncomfortable volume for extended periods of time. Potential hearing loss may result.

SECTION 3 – Pre-Installation Inspection

Included in your off-road sound system are the following components:

- Pre-assembled *Audio Mini* off-road sound system (All speakers and electronics come preinstalled with interior wire harness.)
- Chassis wire harness
- Mounting brackets
- Hardware bag
- Zip ties
- Zip tie mounts
- Alcohol wipes

If any of the parts are missing, damaged, or you have any questions concerning them, please call Hoppe at (262)-552-2770 Mon-Thur. 8am-5pm CST.

In addition to accounting for all of the parts that you should receive with the top, you should inspect the vehicle in the following ways.

- Ensure that the vehicle is equipped with the factory roll cage, and the roll cage has not been bent out of shape in a roll over.
- Make sure the vehicle does not have any aftermarket accessories that are incompatible with the top.
- Make sure the battery is in good condition and holds a charge.
- Make sure the charging system is in good condition.

SECTION 4 – Installation

1. If you have a roof installed, it will need to be loose in the front for easier access during the installation of your *Audio Mini*.
2. Place the provided loop clamps in the approximate mounting locations on the roll bars. The *Audio Mini* brackets will mount to the loop clamps and be tightened in the following steps. See Figure 2.

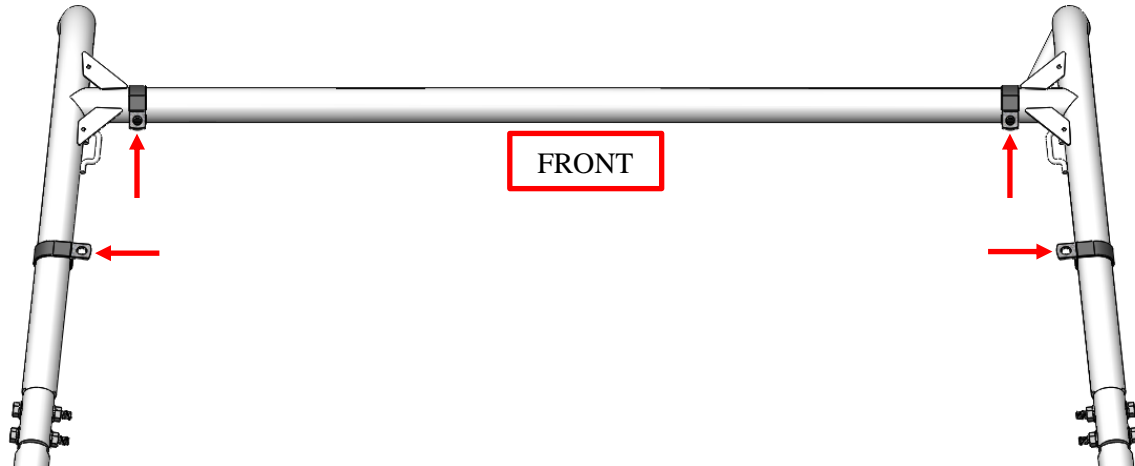


Figure 2: Approximate locations of the loop clamps.

3. Place the driver's side bracket on the loop clamps, using the supplied 3/8"-16 bolts, washers, and nyloc nuts to secure the loop clamps to the mounting bracket. Loosely secure the nuts, waiting to fully tighten until the *Audio Mini* is in the desired position. See Figure 3. Note: Driver side shown. (Passenger side similar)

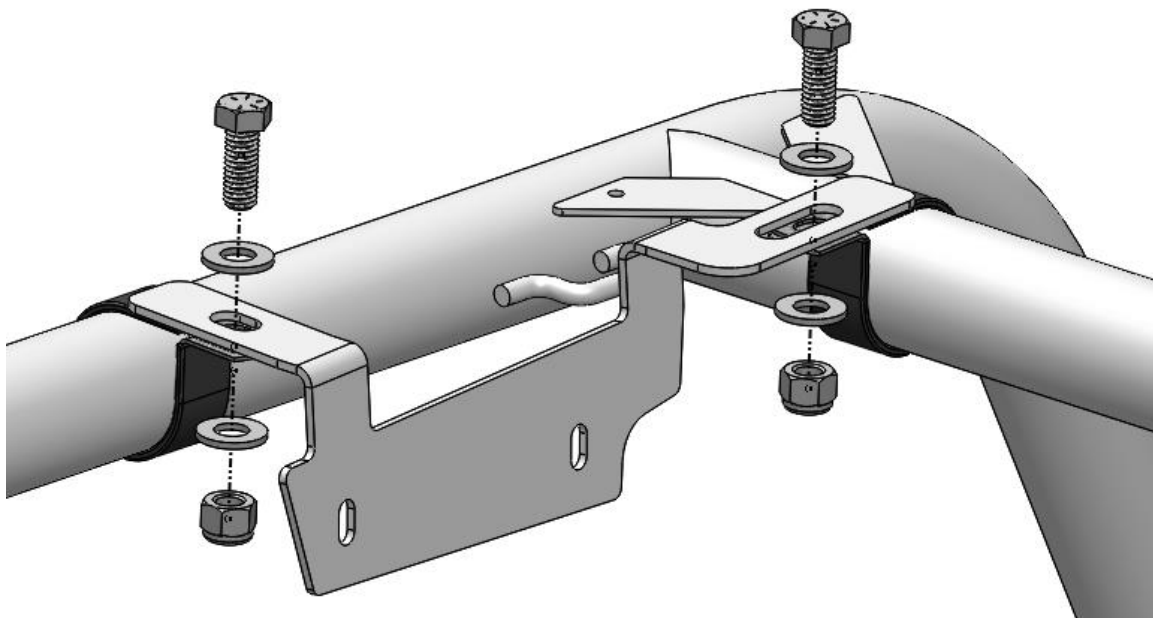


Figure 3: Mount the bracket to the loop clamps. Driver side shown. (Passenger side similar)

4. Repeat Steps 2 and 3 for the passenger side bracket.
5. Using an assistant, hang the *Audio Mini* off-road sound system on the brackets using the supplied ¼"-20 bolts and washers (loosely tightened). **Note: The sound system weighs up to 25 lbs. Since you will have to lift and bolt each end, it is helpful to have an assistant for this step.** See Figure 4 and Figure 5.

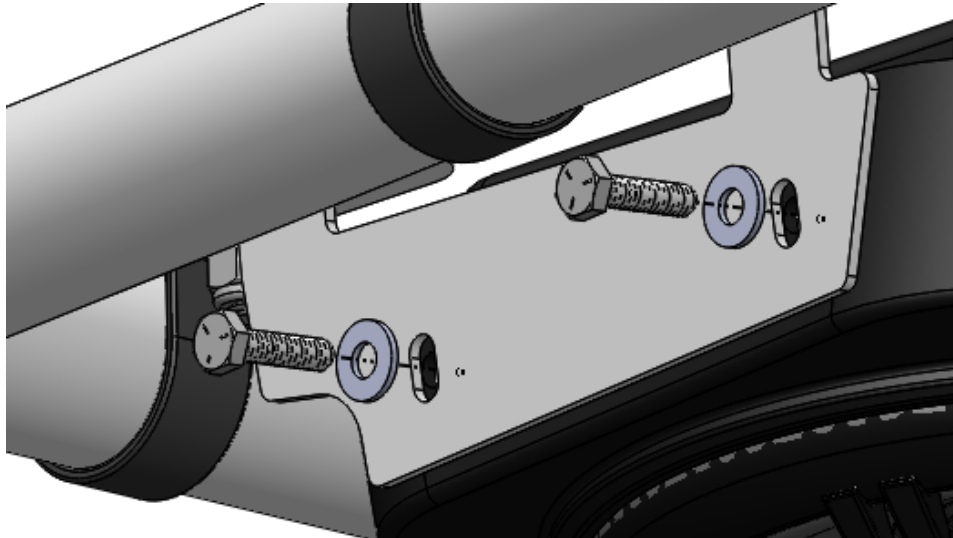


Figure 4: Install the ¼"-20 bolts and washers to mount the Audio Mini to the brackets.



Figure 5: Loosely install the sound system on the mounting brackets.

6. Tighten all 4 loop clamp bolts, to fully secure them to the *Audio Mini* mounting brackets, after achieving the desired viewing position. Slots in the brackets allow for front-to-back adjustability. See Figure 3. Torque the bolts to 25 ft.-lbs.
Note: The rear loop clamp will need to slide on the frame tube with each bracket as it is adjusted front-to-back.
7. Tighten the 4 mounting bracket bolts after achieving the desired viewing position relative to the roof or roll cage. Slots in the brackets allow for up and down adjustability. See Figure 6. Torque the bolts to 10 ft.-lbs.

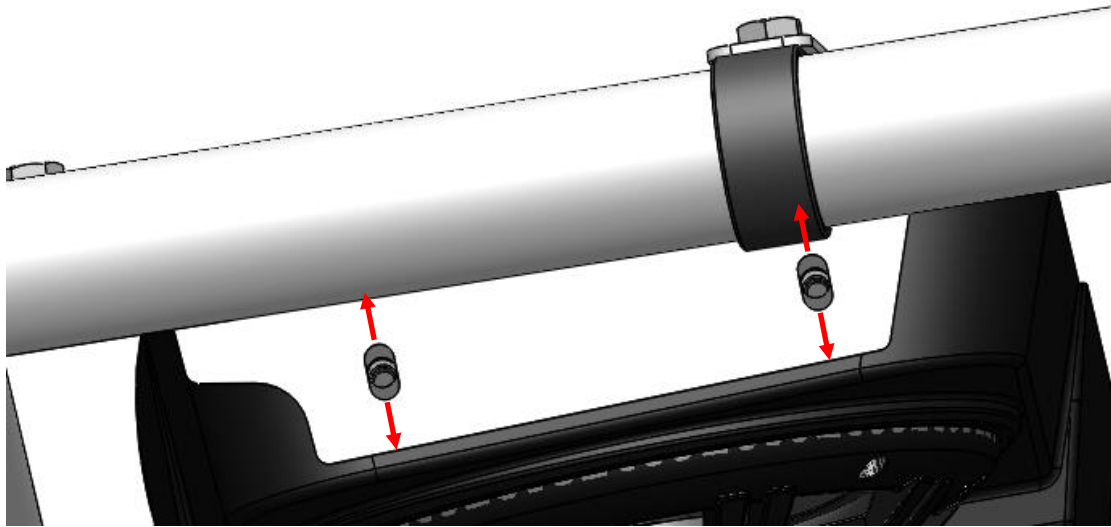


Figure 6: Up-down adjustability of the *Audio Mini*.

8. Remove the radiator hood access panel from the front of the vehicle by rotating the $\frac{1}{4}$ turn clips, lifting the hood, and sliding it towards the rear of the vehicle. See Figure 7.



Figure 7: Remove the radiator hood access panel.

9. Two harnesses are routed in the following steps to complete the installation. The chassis harness and the battery harness are shown in Figure 8.

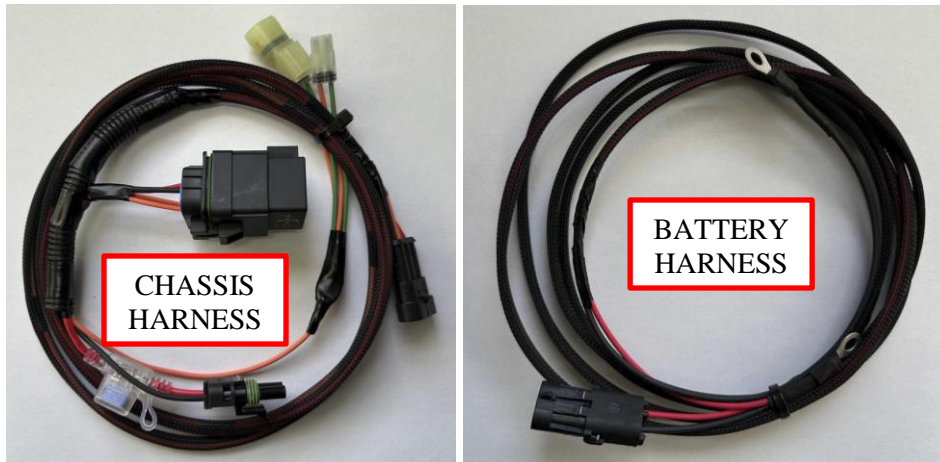


Figure 8: Chassis harness and battery harness identification.

10. Starting under the hood, route the end of the chassis harness with the single *Audio Mini* connector toward the driver's side down tube (A-pillar). Then pull the harness through the opening until the chassis ignition connector lines up with the OEM accessory connector. See Figure 9.

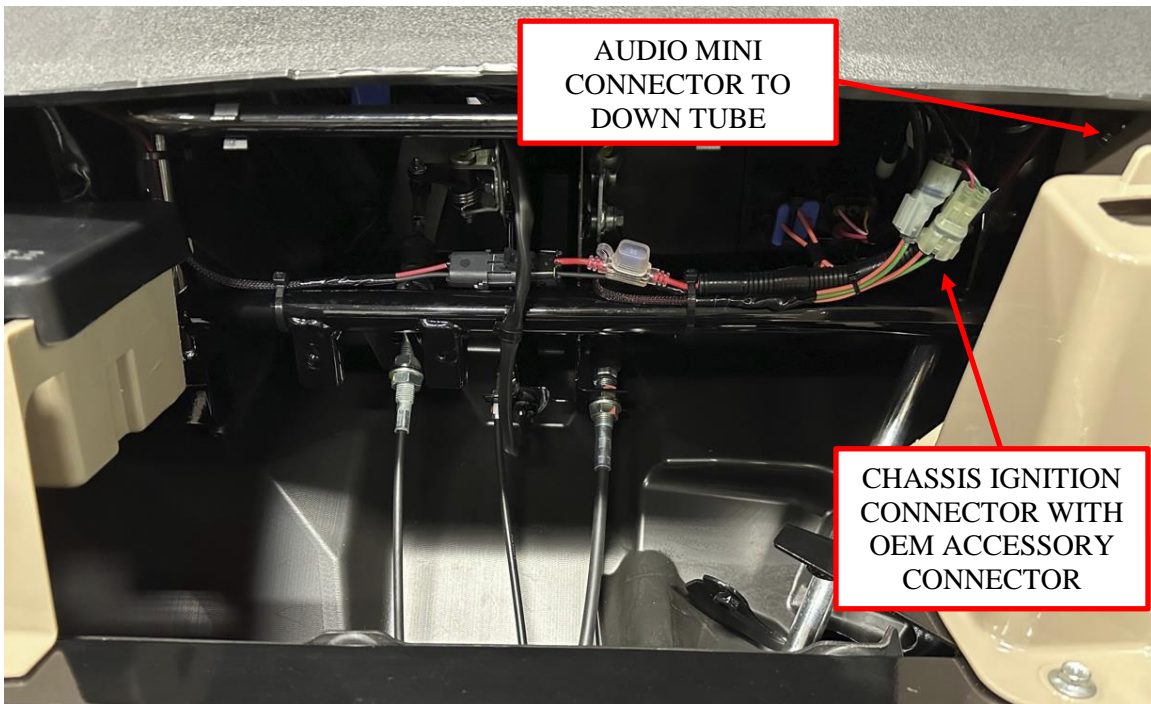


Figure 9: Line up the chassis harness and route the *Audio Mini* connector.

11. Loosely zip tie the chassis harness across the frame tube in the approximate location shown. The female chassis connector will replace the dummy plug on the OEM male accessory connector. The male connector on the chassis harness can then hold the OEM dummy plug. See Figure 10. Note: Secure the relay upright as shown.

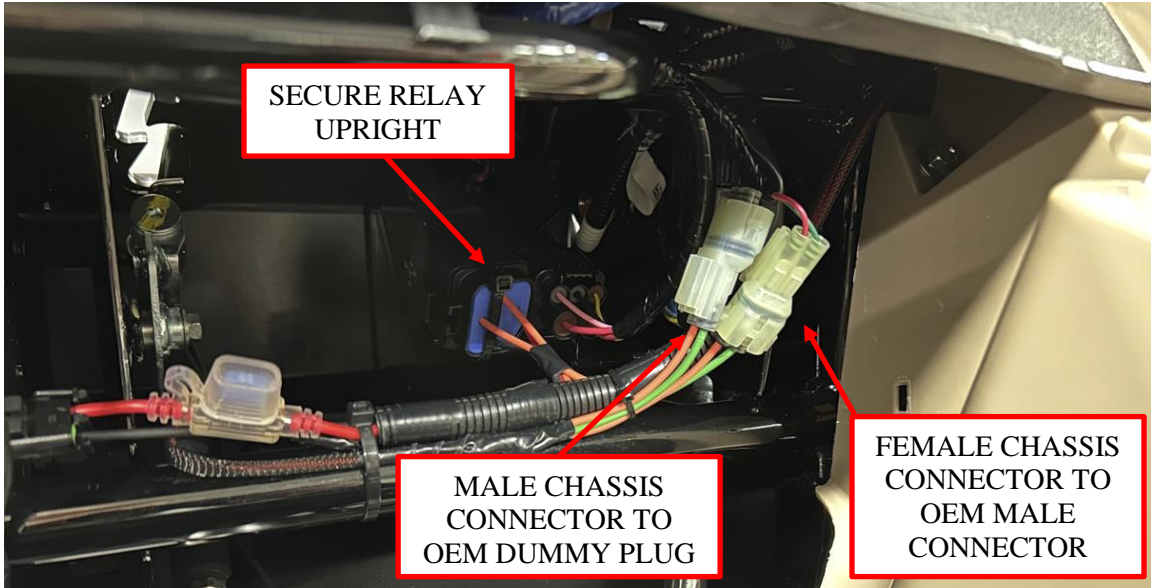


Figure 10: Loosely secure the harness and connect the ignition connectors.

12. Route the *Audio Mini* connector to the base of the driver's side down tube, up the down tube, and connect it to the mating connector on the *Audio Mini*. Zip tie the harness securely in place at the indicated locations, working your way back to the hood area. See Figure 11.



Figure 11: Route the chassis harness up the down tube to the Audio Mini.

Note: If you have an accessory fuse block or secondary battery installed in the hood area, you can skip the next steps by routing the battery harness to your fuse block or secondary battery.

13. Under the hood, route the ring terminal end of the battery harness into the opening with the main OEM wire harness. Loosely secure the battery harness, with zip ties, to the frame tube as shown. See Figure 12. **Note: DO NOT connect the battery harness to the chassis harness until it has been connected to the battery first.**

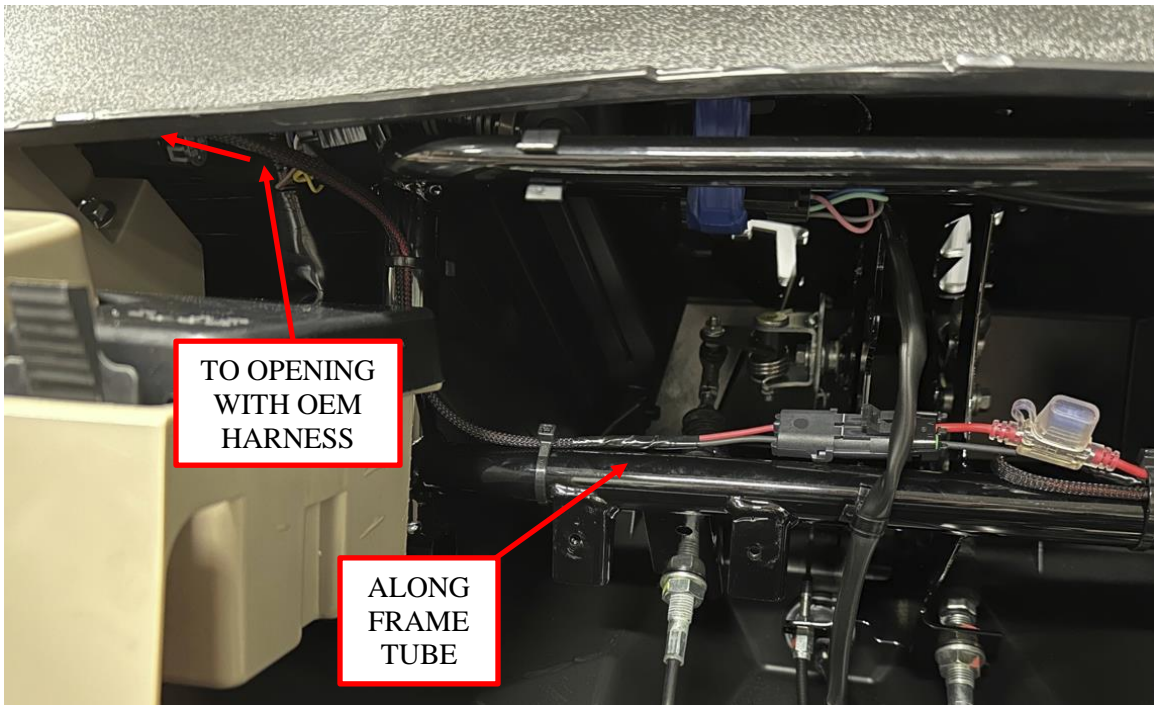


Figure 12: Battery harness routing along frame tube to opening.

14. Route the battery harness into the opening and along the main OEM wire harness all the way to the lower frame rail and skid plate area. See Figure 13 and Figure 14. Note: The view for both figures is from the front, passenger wheel well.

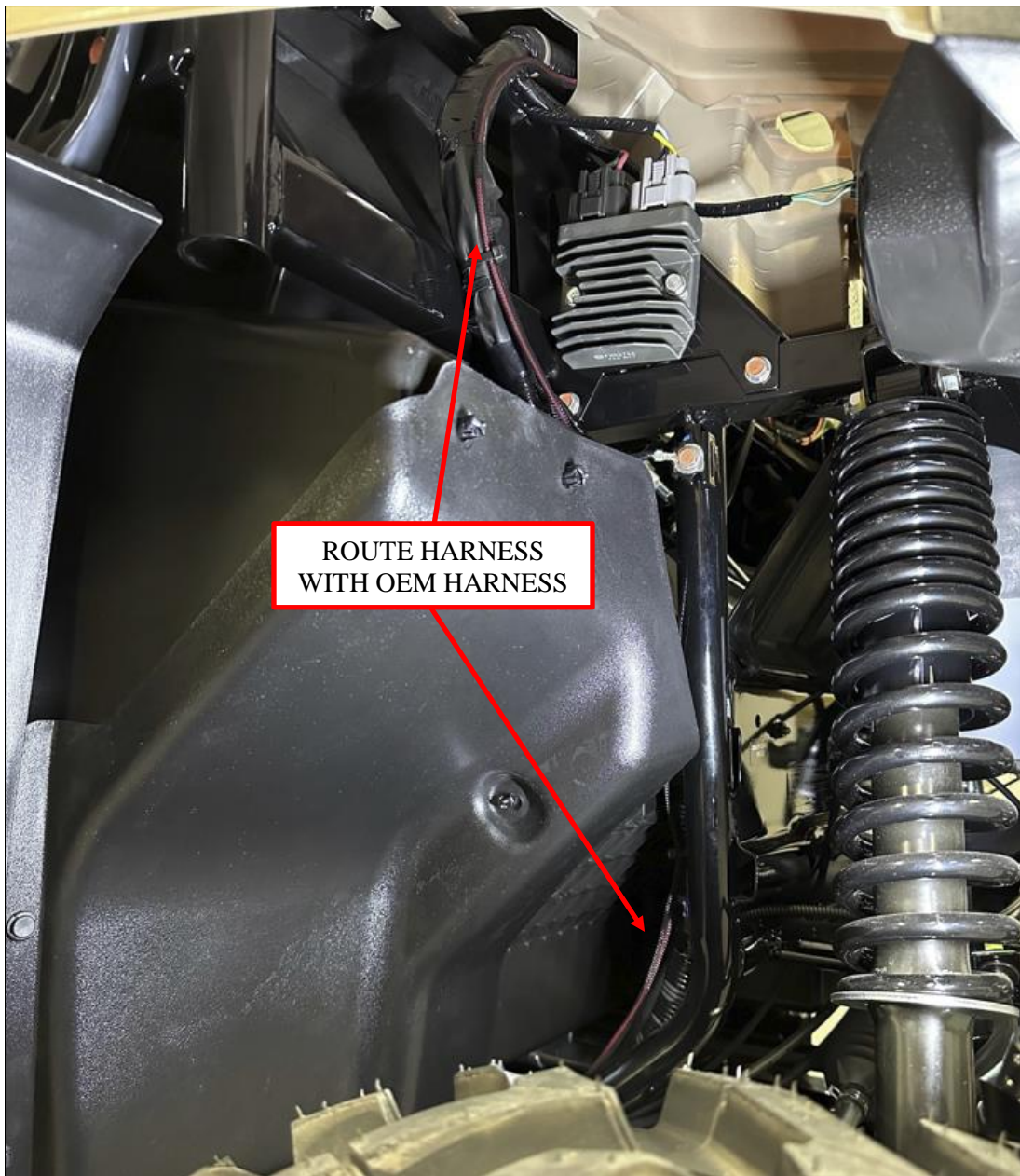


Figure 13: Battery harness routing along OEM wire harness.

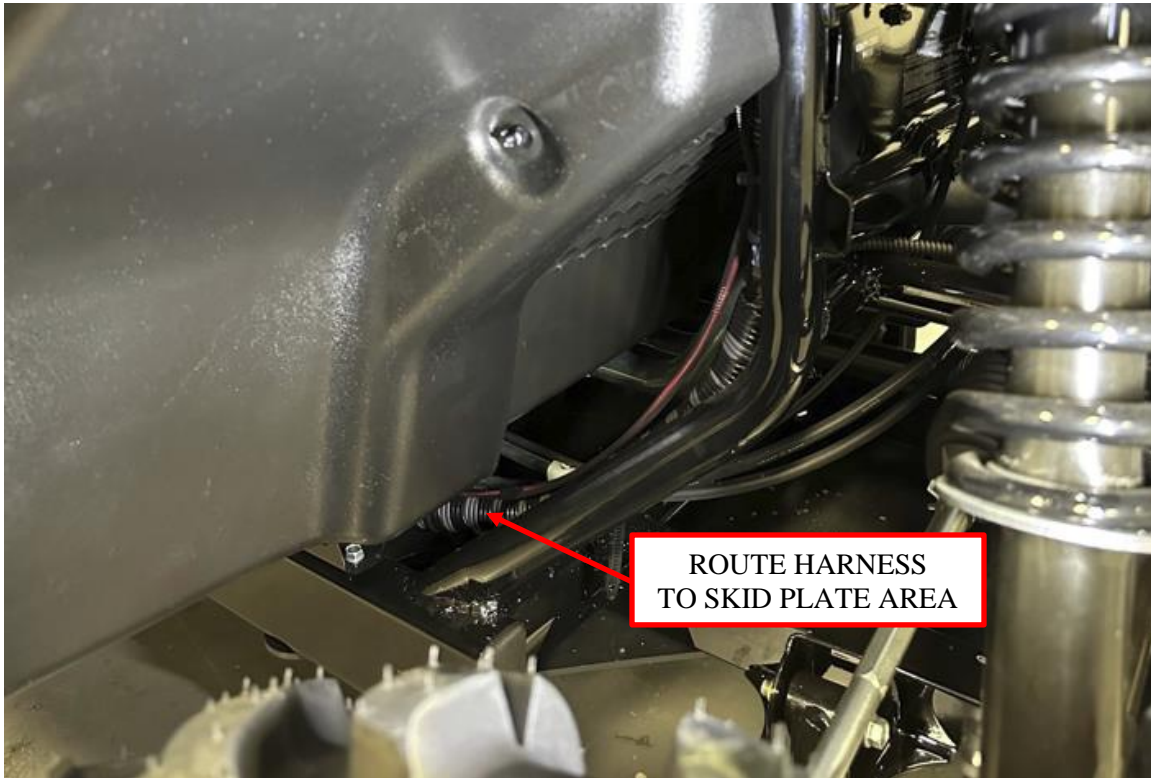


Figure 14: Battery harness routing to skid plate area.

15. Route the battery harness along the main OEM wire harness, just above the skid plate, up to the compartment under the passenger seat. See Figure 15.



Figure 15: Route the battery harness up to the seat compartment.

16. Remove the front seat by pulling up around the front edge to release the detents and gently pulling the seat forward. See Figure 16.

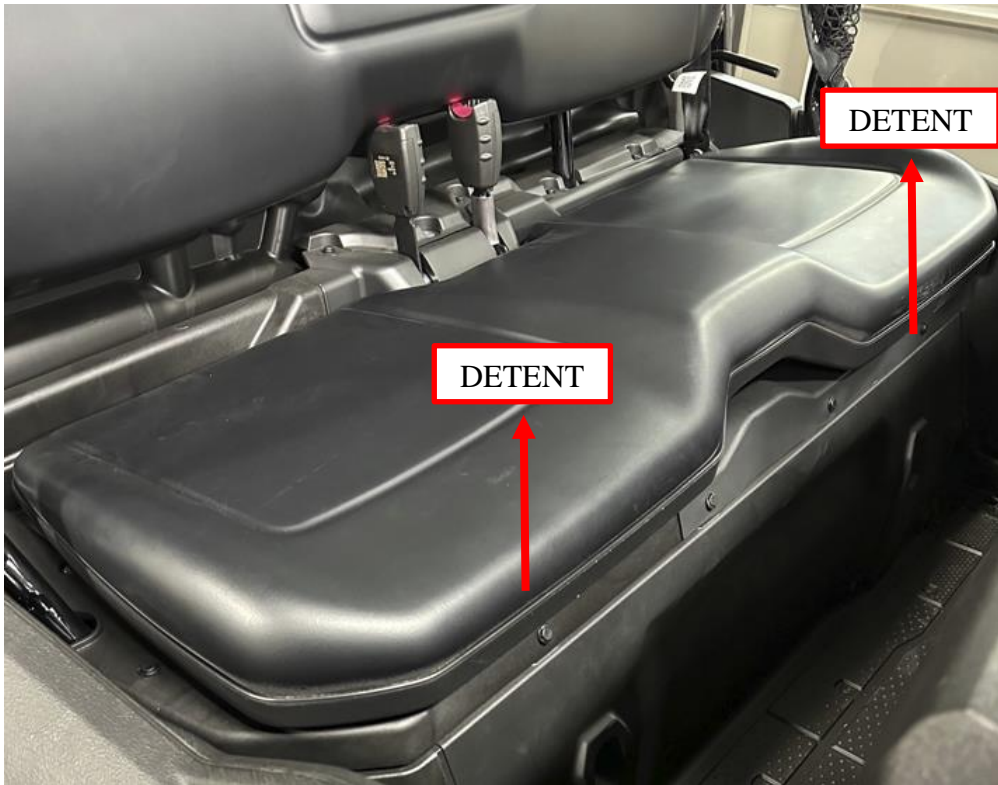


Figure 16: Release the seat detents to remove the seat.

17. Pull back the rubber protective cover over the battery/passenger seat compartment. See Figure 17.



Figure 17: Remove the rubber cover over the battery compartment.

18. Continue routing the battery harness along the OEM harness all the way into the battery compartment, just under the passenger side seat. See Figure 18 and Figure 19.

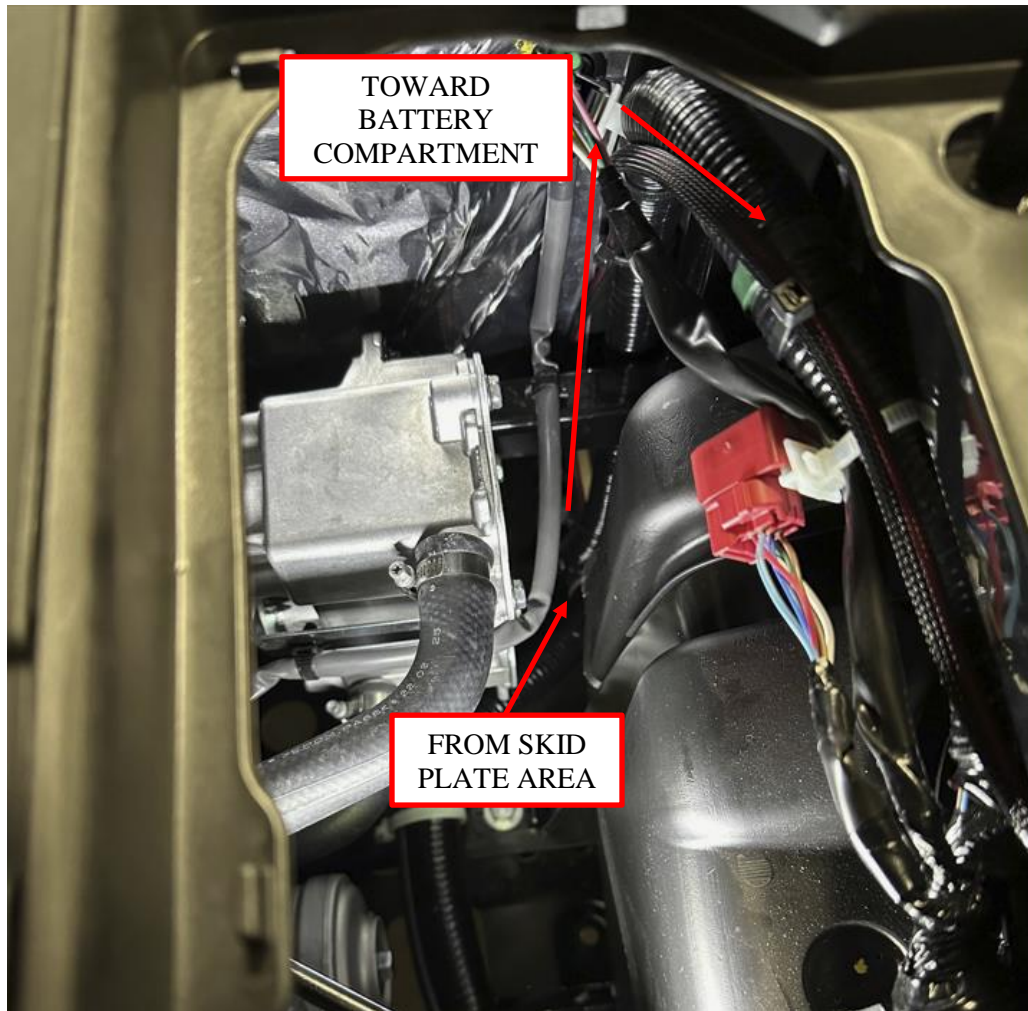


Figure 18: Route the harness up towards the battery compartment.

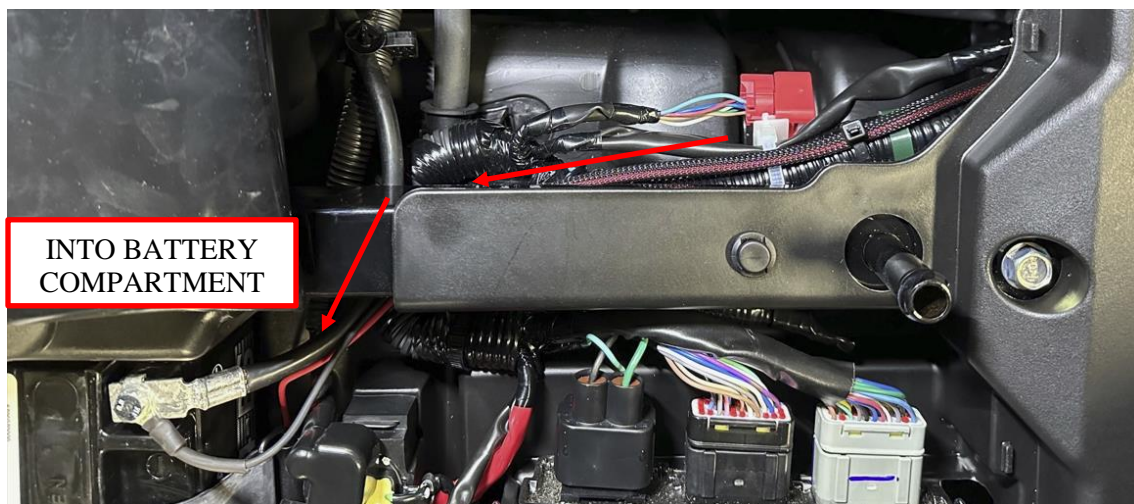


Figure 19: Route the harness into the battery compartment.

19. Connect the battery harness cables to the battery. Remove the battery bolts from each terminal as you connect the cables, and replace the bolts with the provided M6 x 14 mm bolts to clamp the cables on top of the existing cables. Connect the red harness wire to the terminal with the existing red battery cable (+ 12V). Connect the black harness wire to the terminal with the existing black battery cable (- 12V). See Figure 20.

Note: Disconnect the negative battery cable before connecting the *Audio Mini* harness to avoid any electrical shorts while making connections.

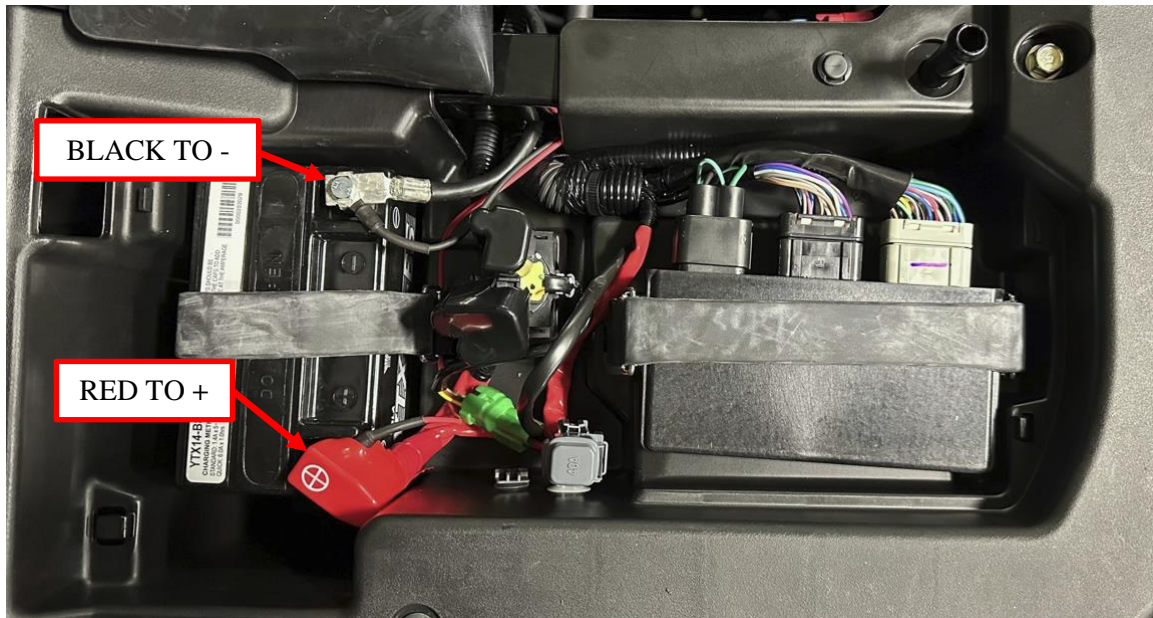


Figure 20: Battery harness cable connections.

20. Connect the battery harness to the chassis harness under the hood. See Figure 12. Zip tie the battery harness along the main OEM harness from the battery compartment all the way back under the hood, making sure to avoid any engine heat or moving components.

21. Reinstall the rubber cover over the battery, the seat, and the hood. See Figure 17, Figure 16, and Figure 7.

22. You are now ready to enjoy the music and lighting provided by your *Audio Mini* off-road sound system. Basic operation works as follows:

- Turn the vehicle ignition switch on to power up the stereo system. (You must press the power button for first time connections or if the power was previously turned off manually.)
- Press the source button on the stereo receiver to select the input source from AM/FM radio or Bluetooth.
- Press and hold the menu button to access the Device Settings menu.
 - Use the Volume knob to change the values for each setting, and press it to confirm the setting.

- Press and hold the Volume knob to access the Audio Settings menu.
 - Use the Volume knob to change the values for each setting, and press it to confirm the setting.
- The dome light can be used with or without the vehicle's ignition switch on. Press the on/off switch to activate the light. **Warning: Extended use of the dome light or stereo without the vehicle's charging system functioning will deplete the battery and the engine may not start.**

To learn about the more advanced features and operation of your stereo, visit the Kicker website links found in SECTION 2 – About your Audio Mini sound system of this document.

Thank you for choosing the Hoppe *Audio Mini* off-road sound system for your Honda Pioneer 700 UTV. We hope you enjoy your new sound system and lighting. We invite you, in your travels, to stop by our manufacturing plant in Troup, Texas, for a factory tour and to meet the people who designed and manufactured your *Audio Mini* off-road sound system. This will also give you an opportunity to check out our sister companies



and our extensive line of trike conversions, automotive, motorcycle, and power sports accessories.

We believe you will be impressed by what you witness and the people you will meet.