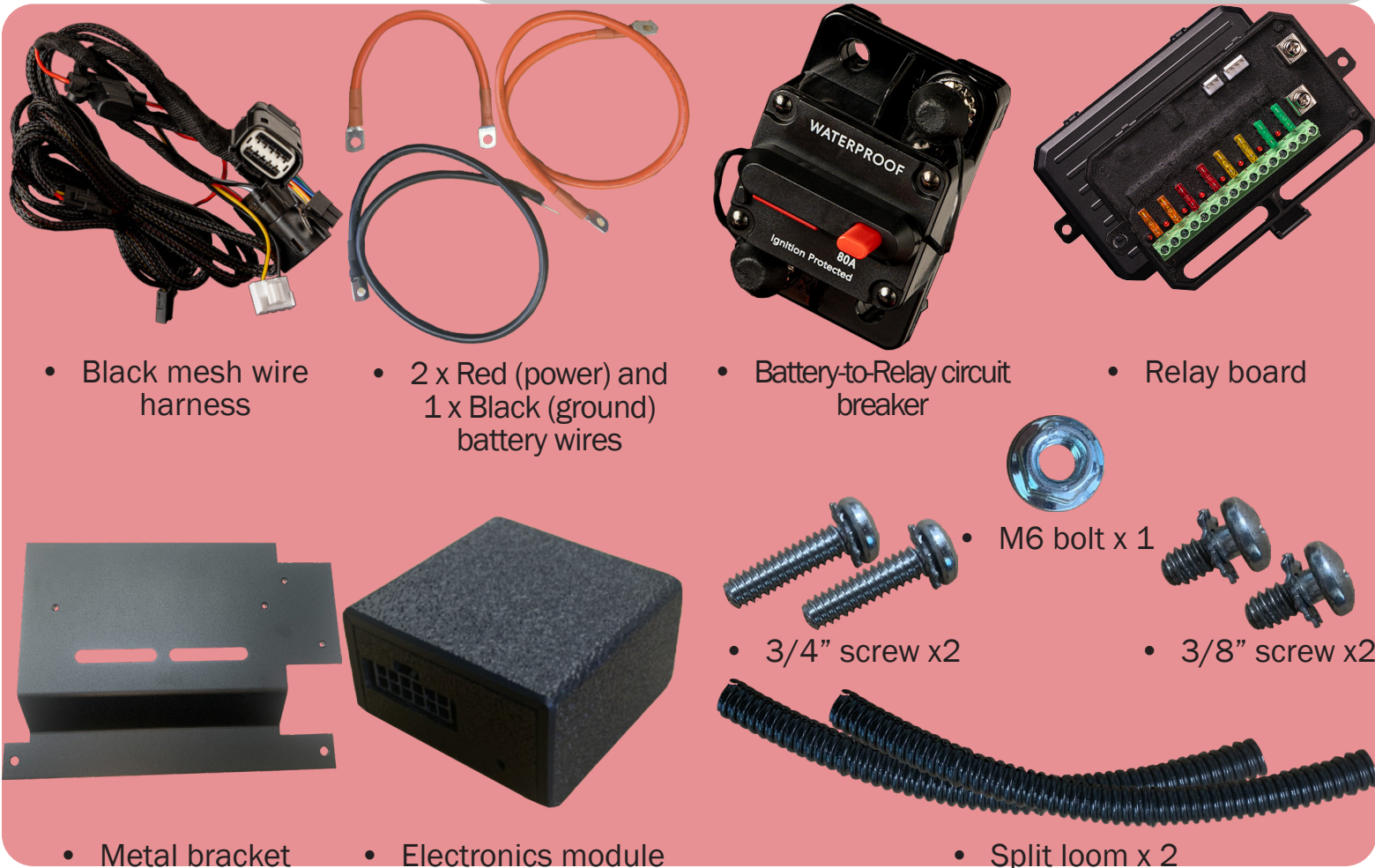


Step-by-step Installation Guide

The **Z Automotive AuxZiliary Kit** allows you to add auxiliary switches to your Jeep and extend the capabilities of those buttons alongside the Tazer JL Mini.

What's in the box?



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Tools Required:

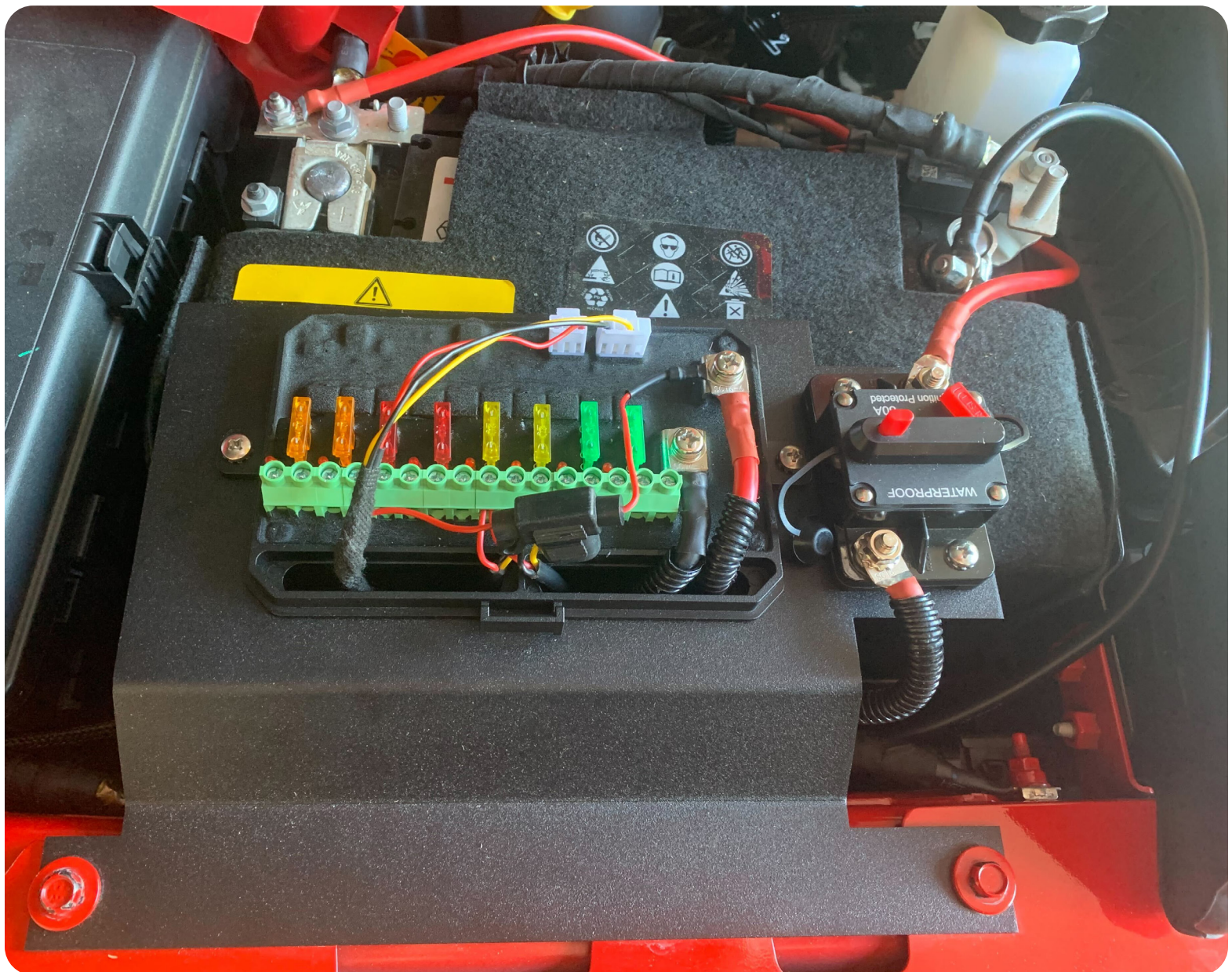
- 5.5mm wrench
- Phillips-head screwdriver
- long rod or unbent clothes hanger
- 10mm wrench
- pry tool

Introduction

Installation of the AuxZiliary Kit can be broken into three parts.

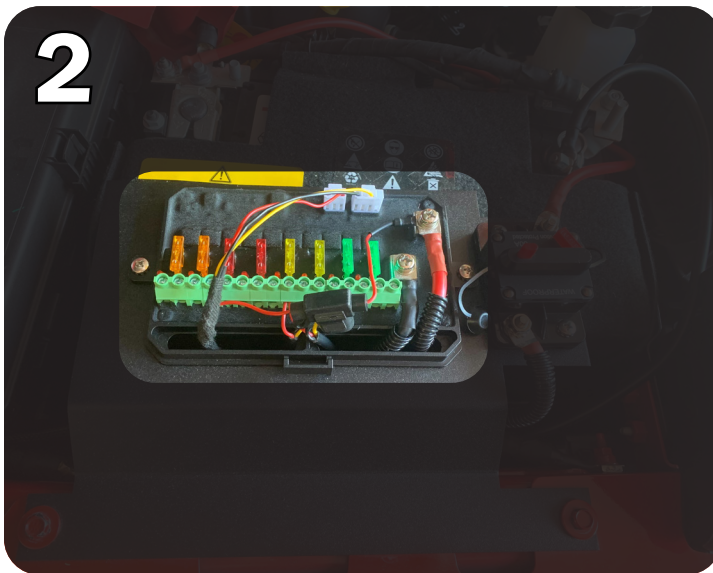
- **The first** is mounting the metal bracket and relay board to chassis of the vehicle above the battery.
- **The second** is wiring the harness and electronics module from the relay board to the inside of the vehicle.
- **The third** is preparing your vehicle to use the kit by installing the AUX Button banks and modifying your Tazer configuration (optional).

The image below shows what the completed installation will look like.



Part 1: Mounting the bracket and relay board

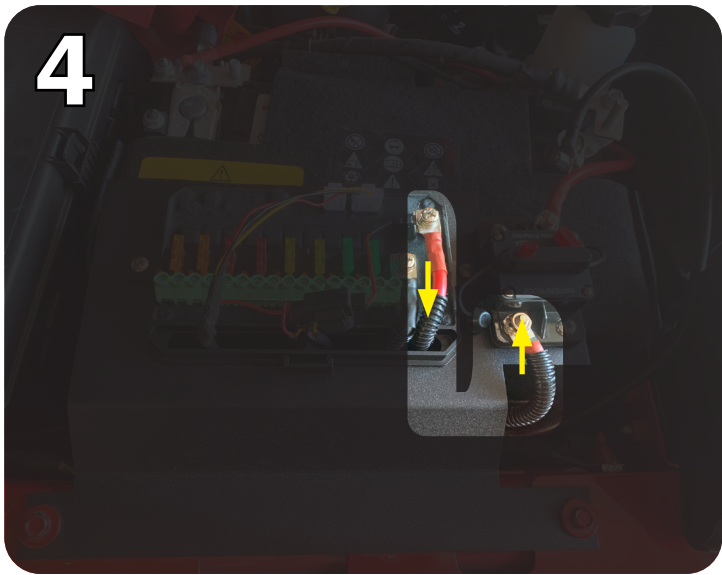
- Use a 10mm wrench to remove the two bolts in front of the battery.
- Place the bracket over those holes and replace the bolts.



- Align the relay board on the bracket over all throughholes and attach them with two washers and two 3/8" screws. Be sure the throughholes are aligned to allow wires to be run through the bracket.

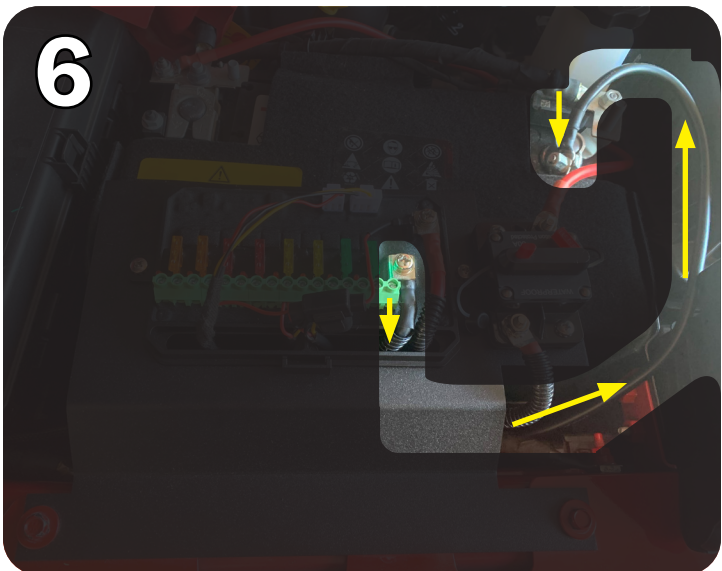
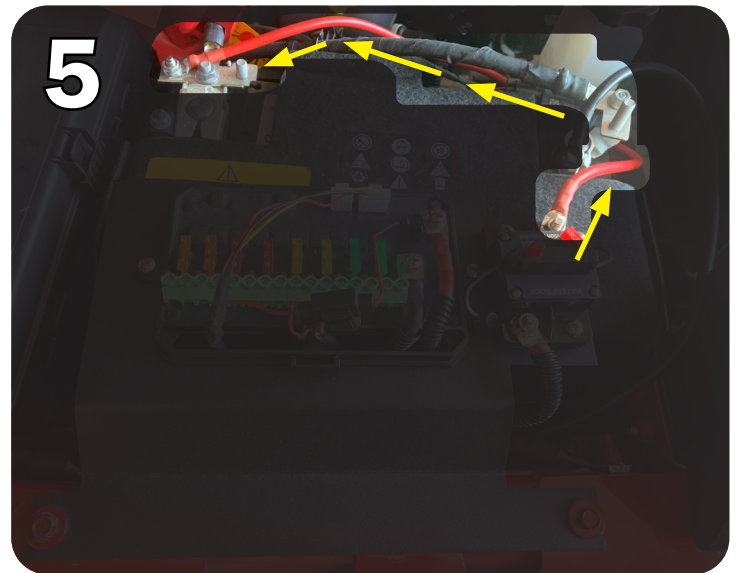
- Mount the circuit breaker beside the relay board with two washers and two 3/4" screws. **Be sure the breaker is switched OFF for now.**
- Orientation of the breaker does not matter.





- Insert the short, red power cable into a split loom, then pass it through the oval through-hole and connect it to the nearest end of the circuit breaker. **Leave the end near the relay box disconnected for now.**

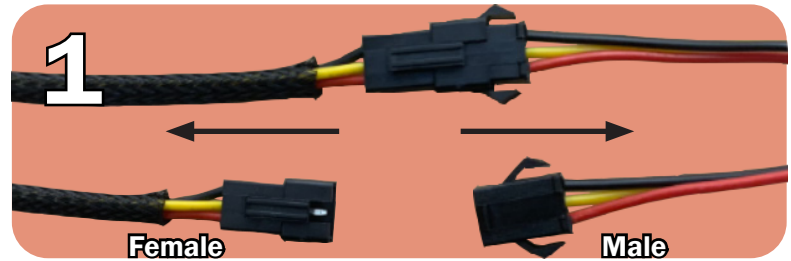
- Connect the longer red power cable to the other end of the circuit breaker.
- Disconnect the vehicle battery's positive terminal.
- Wrap the power cable around and connect it to the terminal and secure the cable **with the supplied bolt.**



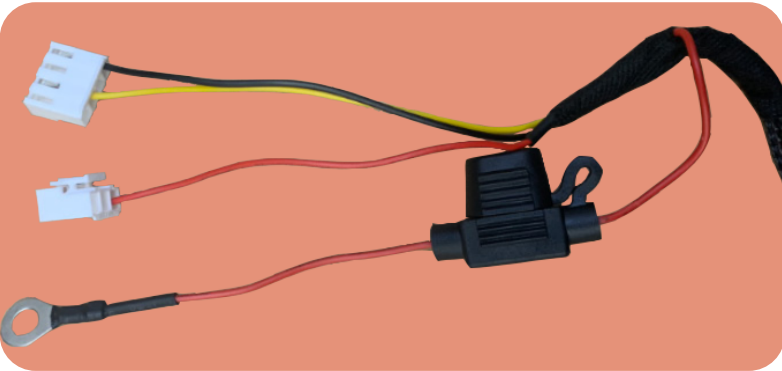
- Insert the black ground cable into a split loom and screw it onto the relay board.
- Pass it through the nearby hole and wrap it around to the battery's ground terminal.
- Connect the cable to the battery with the bolt on the ground terminal.

Part 2: Connecting the harness through the vehicle

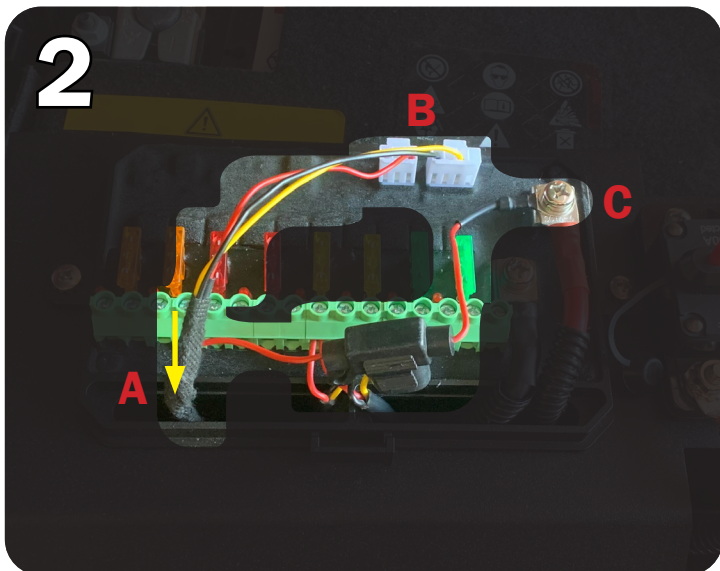
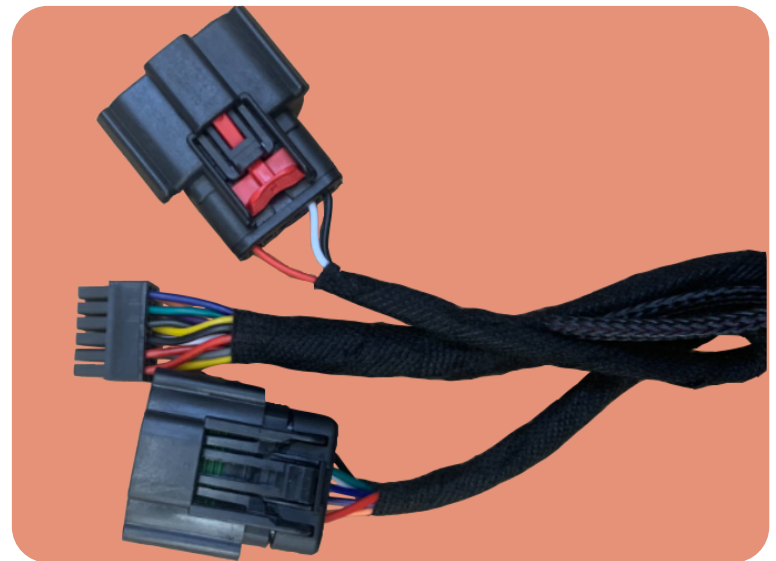
- Disconnect the two ends of the black mesh wire harness.



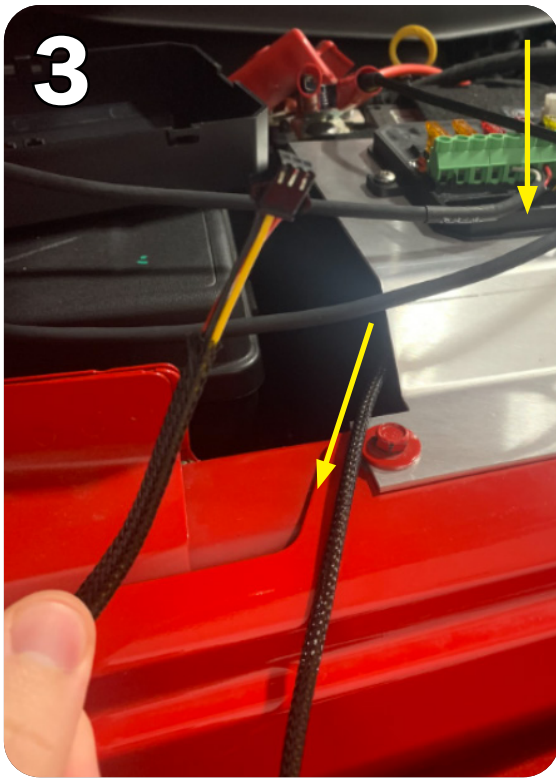
- The half with the male connector ends in the connectors that will connect to the relay board.



- The half with the female connector ends in the connectors that will connect to the electronics module, AUX buttons, locker buttons and CAN bus inside the vehicle.



- Pass the male connector through the relay board and bracket. (A)
- Plug the white three-pin and four-pin connectors into the relay board. (B)
- Place the red wire with a ring connector onto the relay power source and connect the short, red power cable to screw it down. (C)



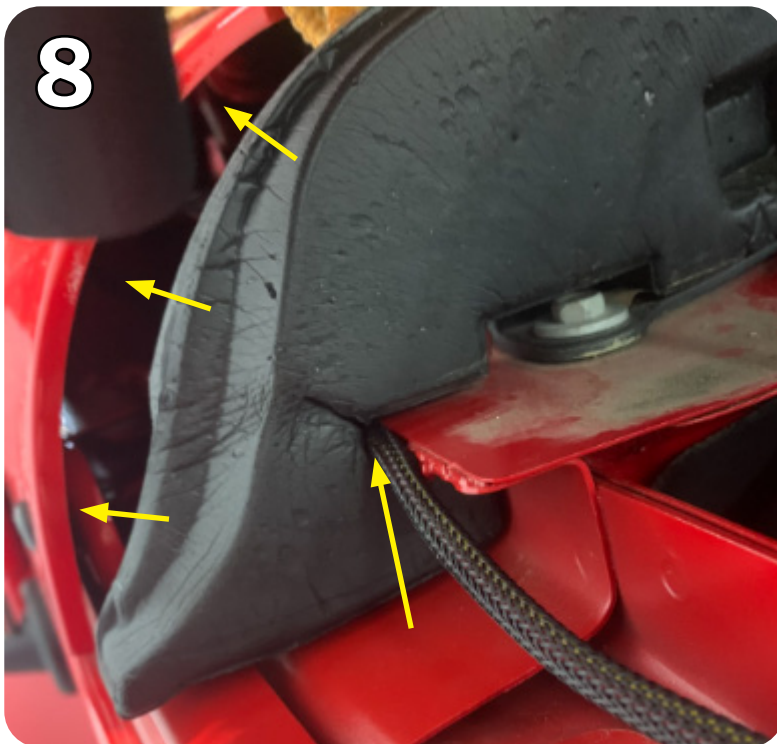
- Pull the end with the male connector from where it was passed through the relay board and bracket to its full length.
- Tape the male connector to a long stick such as an unbent wire hanger.

- Near the passenger-side hinge of the hood, peel back the foam covering.
- Note the opening revealed on the left. (A)



- Open the front passenger door to reveal the throughhole where the male connector attached to the rod will be snaked through.

- Pass the rod through the hole from the hood through to the gap left near the passenger door.
- Note the rubber insulation above the cable (A)



- Slide the foam under the hood over the wire and press it back into place.

- Pull slightly on the rubber insulation from the top and slot the wire into the gap.



10

Passenger Door

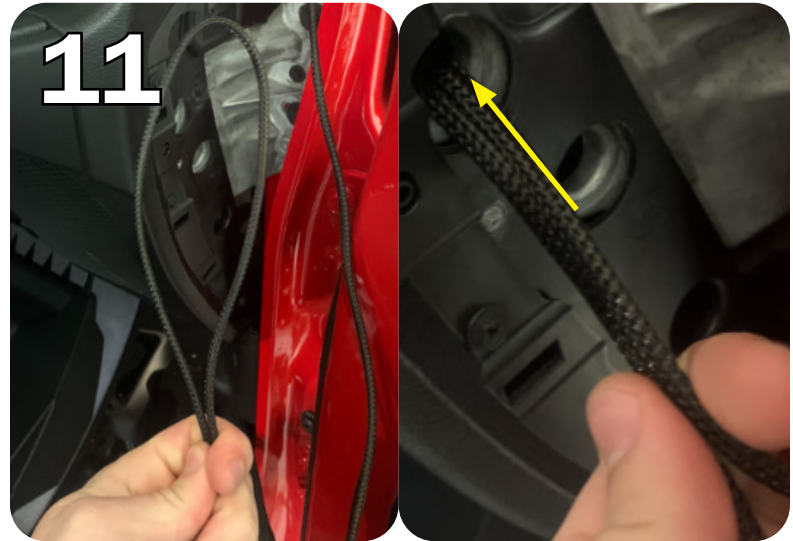
Passenger Door

A

- Use a plastic crowbar to pop off this side panel just below the rubber insulation.
- Note the two holes, particularly the top one. (A)

- Fold the wire into a loop to make it easier to pass through to the glove box.
- Pass the loop through the top of the two holes noted in the previous step.

11



12

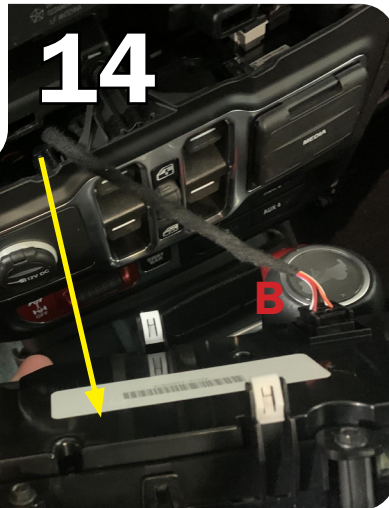


- Remove the glove box and continue threading the loop through until it's visible in the opening at the top right of the glove box compartment.
- Pull it through and let the male connector hang inside the glove box for now.

- Take this time to confirm that the harness cable is tucked snugly and well-hidden.
- Replace the side panel removed in step 10.

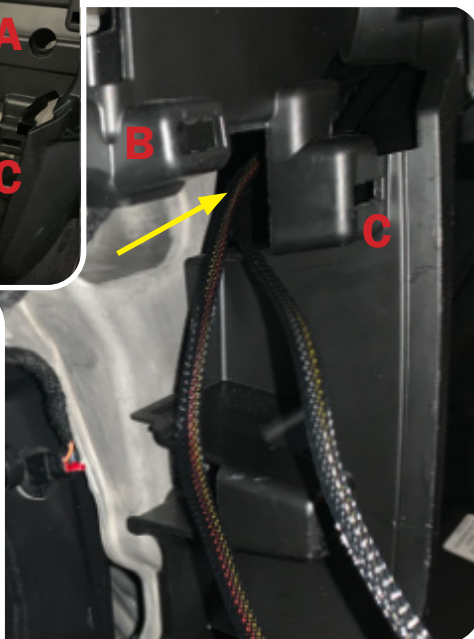
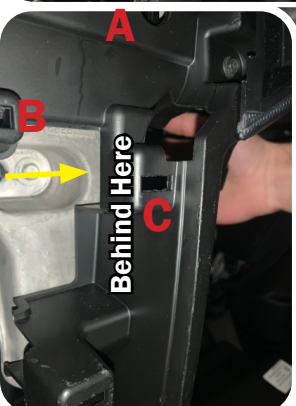
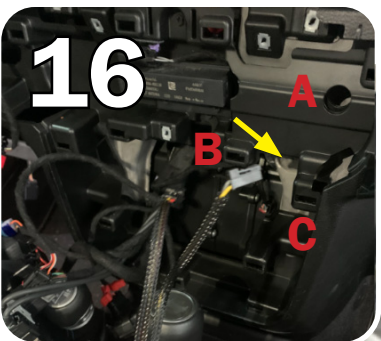
13





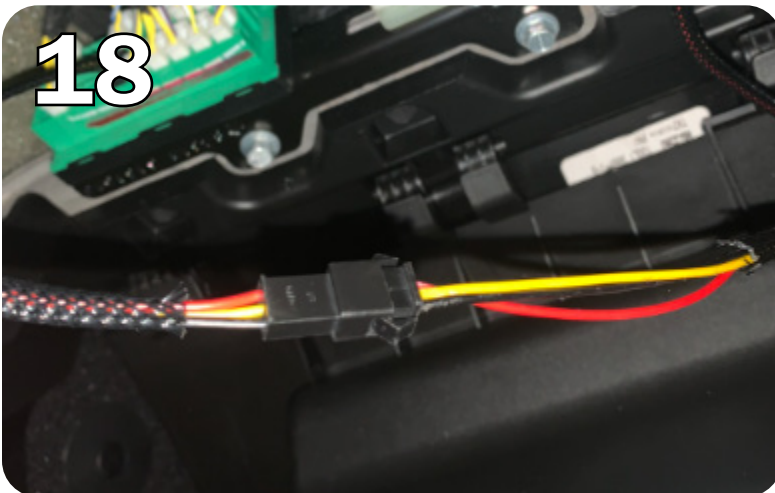
- Use a plastic crowbar or screwdriver to pop off the ignition panel which contains the ignition, hazard lights button, AC controls etc.
- Disconnect the two connectors (A,B) and place the panel off to the side for now.

- Remove the single screw securing the power window switch panel. (A)
- Unseat the panel by grabbing it from the top and pulling with some force.



- Fold the female half of the black mesh harness so the female connector and the CAN connector meet.
- Thread both plugs through the gap on the right that leads to the glove box.
- For orientation, note the holes. (A,B,C)

- Plug the CAN connector into the STAR connector behind the glove box. (A)



- Pull the male connector of the mesh harness behind the glove box from inside it and reconnect the male and female halves of the harness.

- Connect the AUX (A) and Locker (B) connectors from the mesh harness to their respective button banks.
- If your vehicle already has locker buttons, choose whether to replace the factory connector with ours to allow for functionality beyond stock.





- Tuck the electronics module in somewhere behind the power window switch panel.
- Pull the harness cable from behind the glove box as far as possible to give you more slack to tuck the module away.

- Plug the 12-pin connector from the mesh harness into the black electronics module.
- Take this time to close the circuit breaker under the hood and confirm that the LED on the electronics module lights green. If not, confirm that all connections are secure.
- Open the breaker while you finish up.



22. Reattach the glove box.

If the AUX switches and buttons have not been installed yet, skip to the next page before completing steps 23-25.

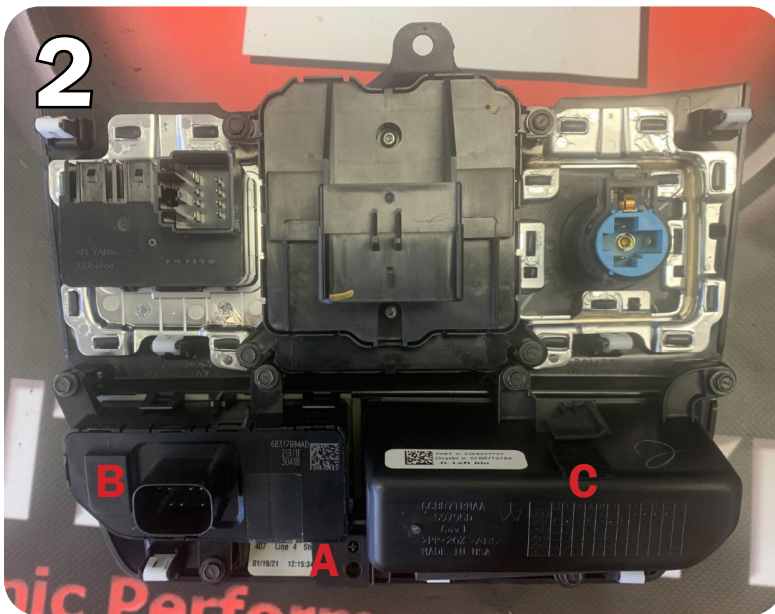
23. Reinstall the power window switch panel and screw it in (reverse step 15).

24. Reconnect the ignition panel and snap it back into place (reverse step 14).

25. Close the circuit breaker to complete the installation of the AuxZiliary Kit.

Part 3: Button bank install and Tazer configuration

- While the power window switch panel is removed, use a **5.5mm wrench** to remove the seven bolts that hold the AUX and Locker Switch placeholders in place.



- Note how the left (AUX) piece overlaps the right (Locker) piece. (A)
- Remove the AUX Switch placeholder. **Note:** Pictured is the actual AUX button module rather than a placeholder. (B)
- Then remove the Locker Switch placeholder. (C)



- Install the **Locker Switches** first. (A)
- Install the AUX switches. (B)
- Reinstall the seven 5.5mm bolts.



- Plug the respective cables in to connect the button banks.
- [Return to page 11.](#)

The following steps require the Tazer JL Mini and are **entirely optional**. They will allow you to enable the AUX Button menu on your **8.4" or 7" UConnect** radio and control the sway bar through the AUX relays via communication with the Tazer.

[Click here to download the Tazer JL User Guide.](#)

5. Enter the "Vehicle Settings" (engine off, ignition in RUN) menu.
6. Select the "Offroad" submenu and set "SwayBar" to "No."
7. Set "Locker" to "None."
8. Continue to the "Other" submenu and set "AUX" to "Yes."
9. Perform a **Full Reboot AND two sleep cycles** as described on the Critical Information page of the User Guide.

You're now ready to use the AuxZiliary Kit!

[Click here to download the AuxZiliary Kit Reference Guide, which outlines button configuration and available options.](#)

Z Automotive cannot be held responsible misuse or consequential damages.

If you are in doubt, email support@zautotech.com.

Please be aware that modifying your vehicle in any way can affect your vehicle's warranty, longevity, handling, etc.

Please use with caution, and AT YOUR OWN RISK.

USING THE LIGHT SHOW FEATURE ON PUBLIC ROADS: IMPERSONATING A POLICE OFFICER IS A FELONY. LIGHT SHOW IS INTENDED FOR CAR SHOW/TRACK/OFF ROAD USE ONLY.

Z Automotive is in no way affiliated with FCA.

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10,885,039; 10,759,328; 10,431,946; 10,266,102; 9,937,850; 9,849,826;
and other patents pending.