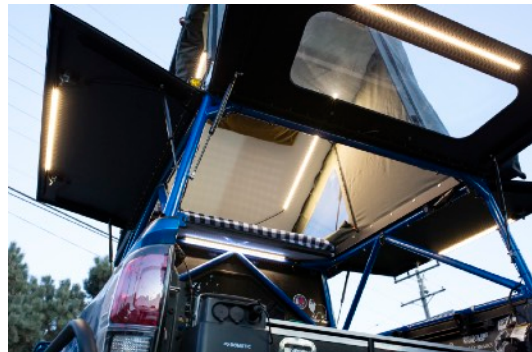


Information used for this guide courtesy of Paul Chestnut, [@pc3coyote](#) (Instagram/TacomaWorld)

Tools (Not Included)

- Wire cutters or scissors
- Rubbing alcohol and paper towels
- Power supply of your choice

Time Requirement ~ 1 hour

**Step 01 Unboxing Lighting Kit**

01-A. Remove all parts from the box and verify that all components are there including the following:

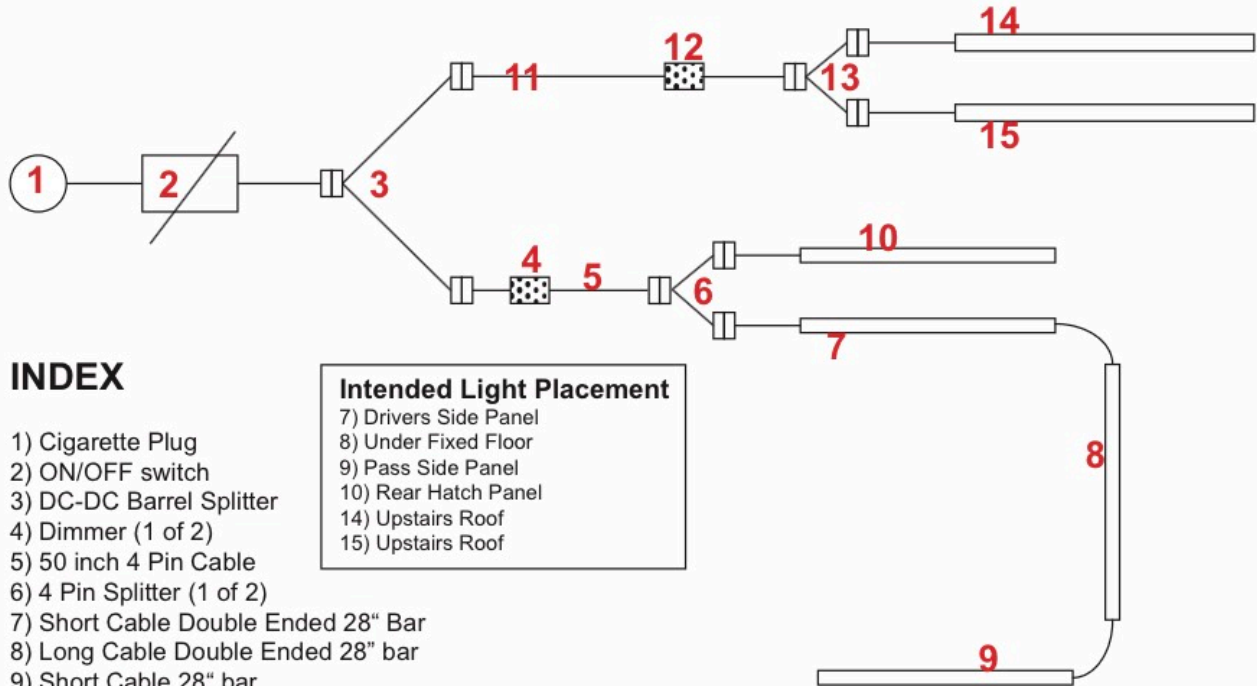
- 2x 40" light bars
- 1x short cable double ended 28" light bar
- 1x long cable double ended 28" light bar
- 1x short cable 28" bar
- 1x long cable 28" bar
- 1x cigarette plug cable
- 1x on/off switch
- 2x dimmers
- 1x DC-DC barrel splitter
- 2x 4 pin splitters
- 1x 12 foot cable
- 1x 50 inch 4 pin cable
- Cable clips (flat and curved)
- Zip ties
- Additional seals for 4 pin plugs



Step 02 Temporarily Assembling Lighting Kit to Test

02-A. Temporarily assemble your lighting kit per the diagram below:

TRUCKPARTS LIGHTING KIT



INDEX

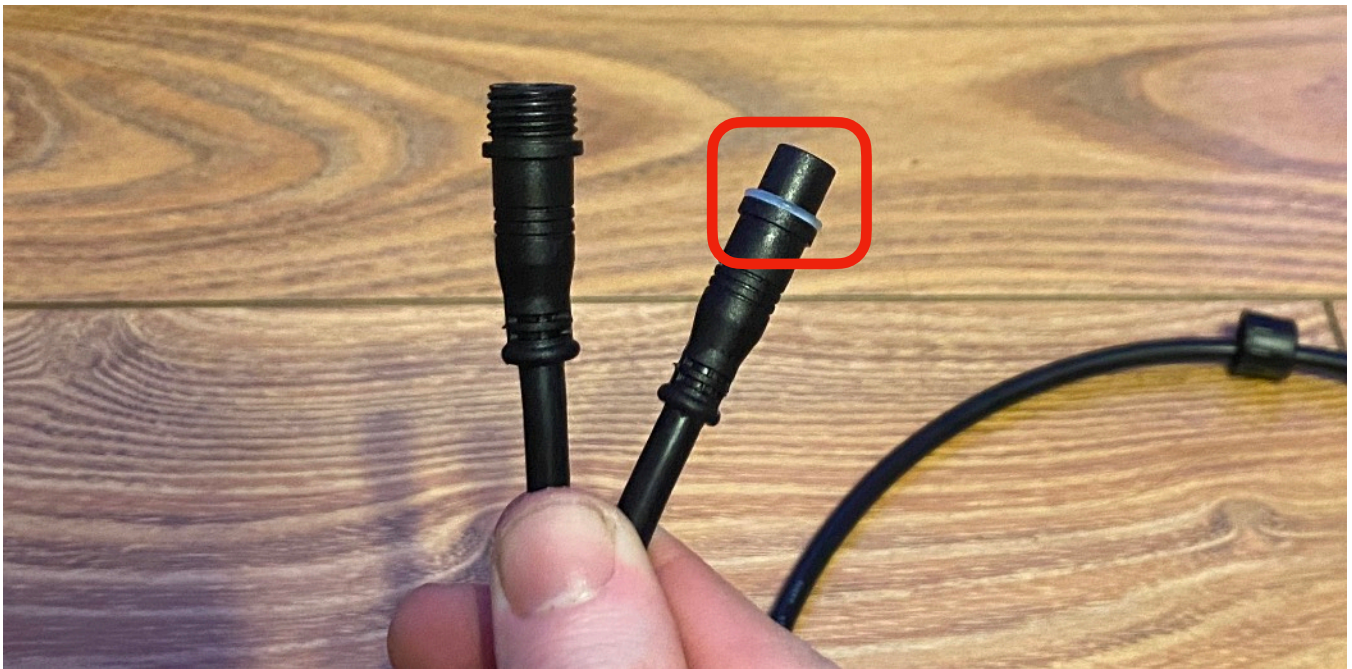
- 1) Cigarette Plug
- 2) ON/OFF switch
- 3) DC-DC Barrel Splitter
- 4) Dimmer (1 of 2)
- 5) 50 inch 4 Pin Cable
- 6) 4 Pin Splitter (1 of 2)
- 7) Short Cable Double Ended 28" Bar
- 8) Long Cable Double Ended 28" bar
- 9) Short Cable 28" bar
- 10) Long Cable 28" bar
- 11) 12 foot Cable
- 12) Dimmer (2 of 2)
- 13) 4 Pin Splitter (2 of 2)
- 14) 40" Light bar
- 15) 40" Light Bar

Intended Light Placement

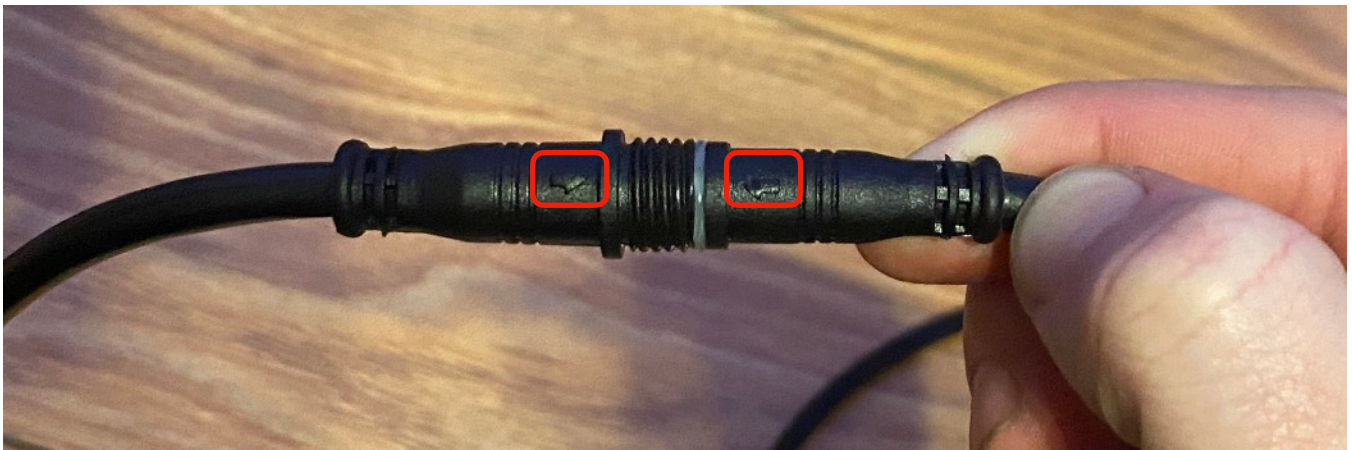
- 7) Drivers Side Panel
- 8) Under Fixed Floor
- 9) Pass Side Panel
- 10) Rear Hatch Panel
- 14) Upstairs Roof
- 15) Upstairs Roof



02-B. Prior to connecting the 4 pin cables, insert a seal on the female connector (if there isn't one already)

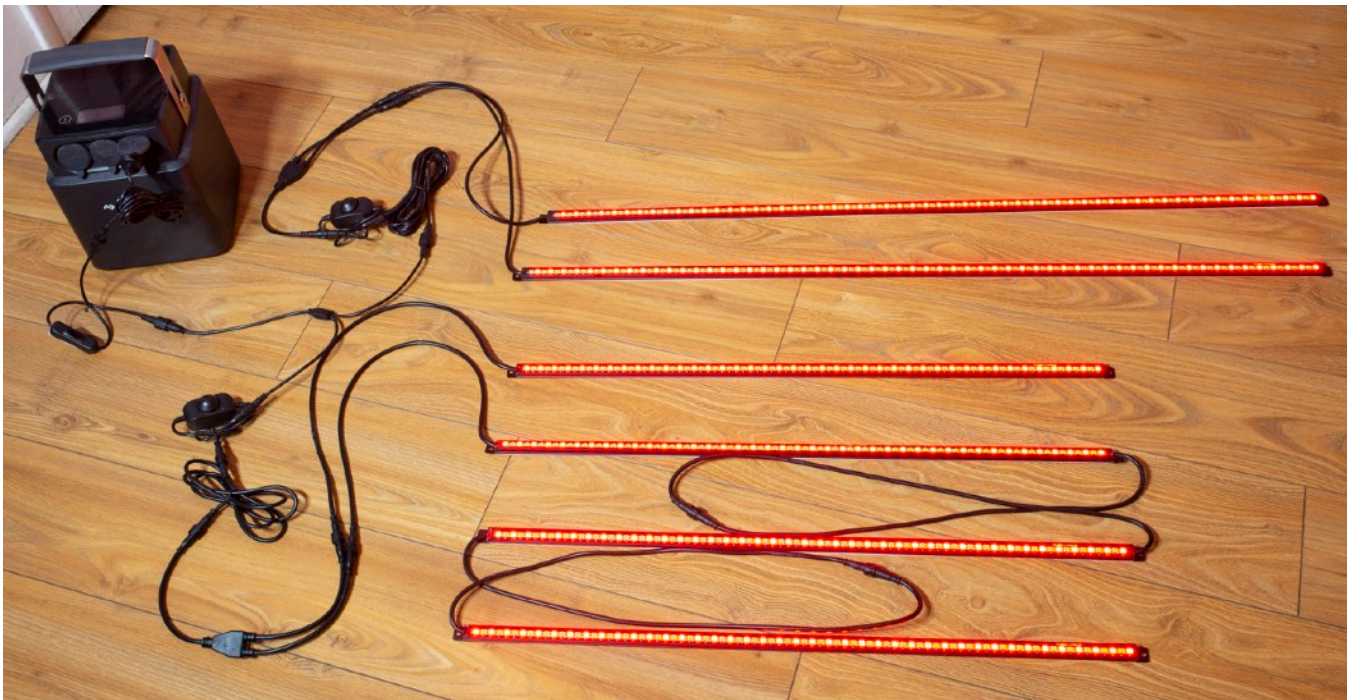
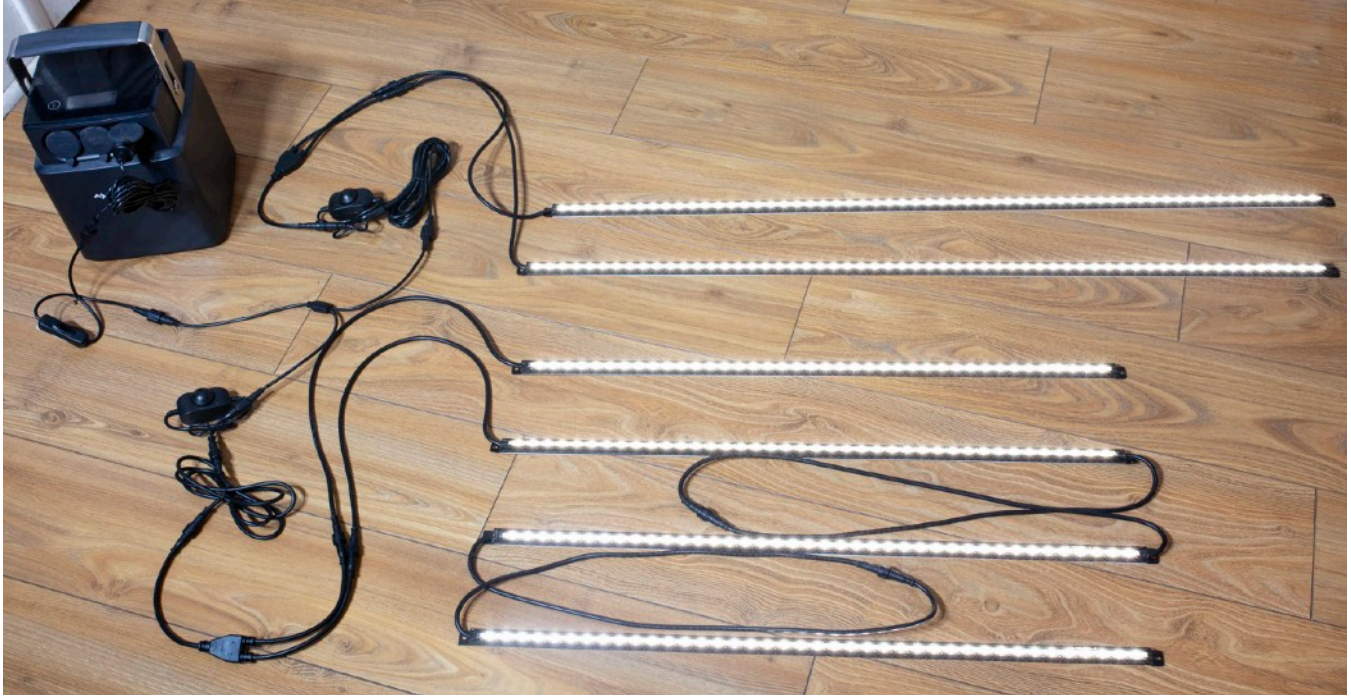


02-C. Insert male 4 pin connector into female 4 pin connector ensuring keying is aligned and that the arrows are aligned. Tighten the collar after connecting



Step 03 Testing Lighting Kit Prior to Installation

03-A. Connect cigarette lighter to power supply of your choice and turn on master on/off switch. Use each dimmer to independently switch between white and red colors and dim the lights



Step 04 Temporarily Laying Out Parts

04-A. Grab a beverage of your choice (even if it is a morning beer, we won't judge)



04-B. Lay out the light bars and all of the wiring roughly in place of where you plan to install it so you can see where everything will go



Step 05 Mounting Master Switch and Lower Dimmer

05-A. Find your preferred location for the master switch and lower dimmer and clean the area with a paper towel and rubbing alcohol. Towards the rear on the driver side is a great option



05-B. Remove the adhesive backing for both and apply pressure for 15-30 seconds in your preferred location. Connect the cigarette plug cable → on/off switch → DC-DC barrel splitter → dimmer



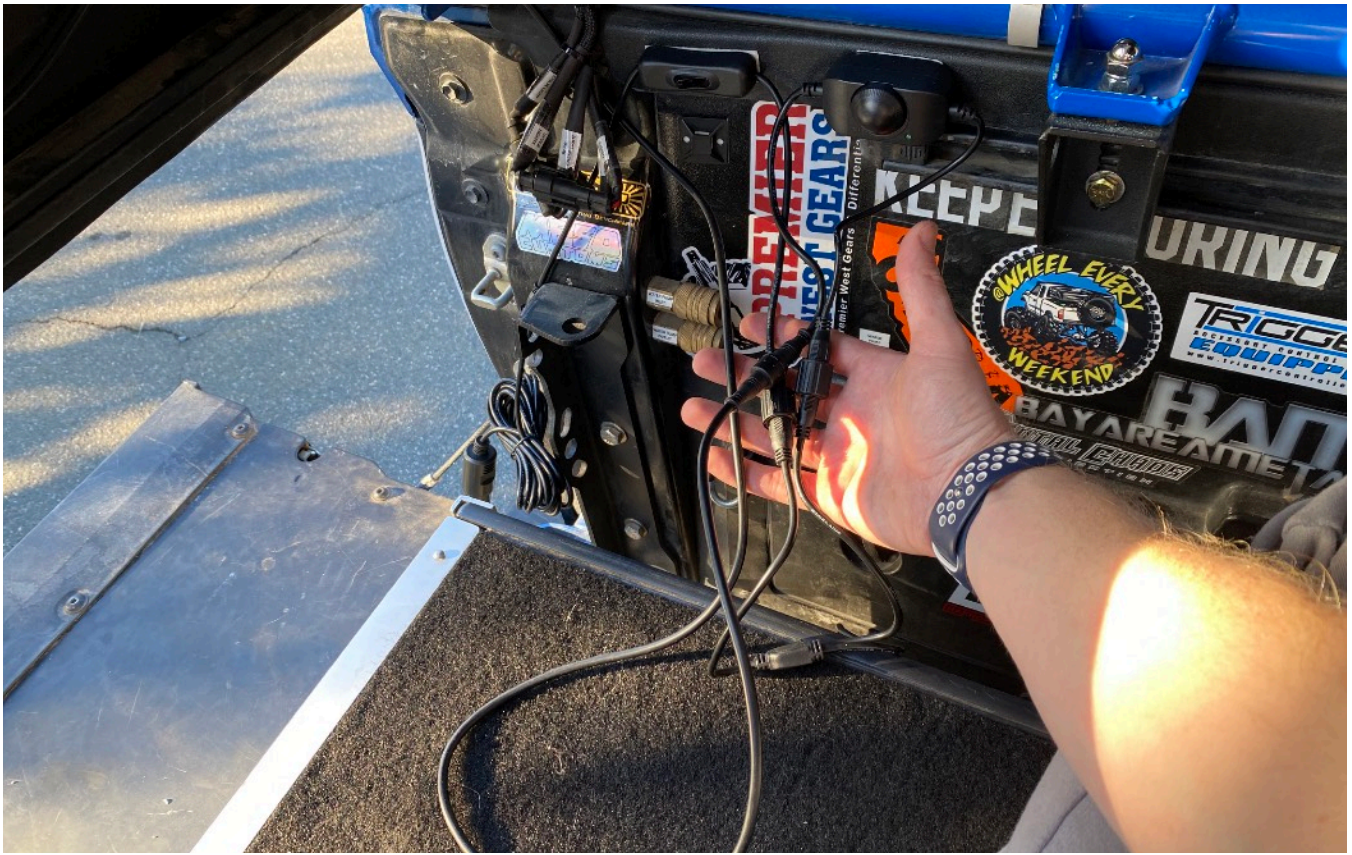
Step 06 Routing Rear 4 Pin Splitter

06-A. Starting with the dimmer, connect the 50 inch 4 pin cable → 4 pin splitter and ziptie the 4 pin splitter in the upper rear driver corner. This is where the rear panel LED and driver side LED will connect



06-B. After cleaning the area, mount a cable clip at your desired location to secure the slack of all of the cables, bundle the wires, and then secure with a ziptie





Step 07 Installing Rear LED Light Bar

07-A. After cleaning the area, install the rear LED light bar



07-B. Connect the LED light bar to the 4 pin splitter. With the rear panel open, secure the cable with two cable clips ensuring adequate slack for the panel to open and close. Test opening and closing the panel to ensure there is enough slack.



Step 08 Installing Driver Side LED Light Bar

08-A. After cleaning the area, install the driver side LED light bar



08-B. Connect the rear wiring of the LED light bar to the 4 pin splitter. With the side panel open, secure the cable with two cable clips ensuring adequate slack for the panel to open and close. Test opening and closing the panel to ensure there is enough slack

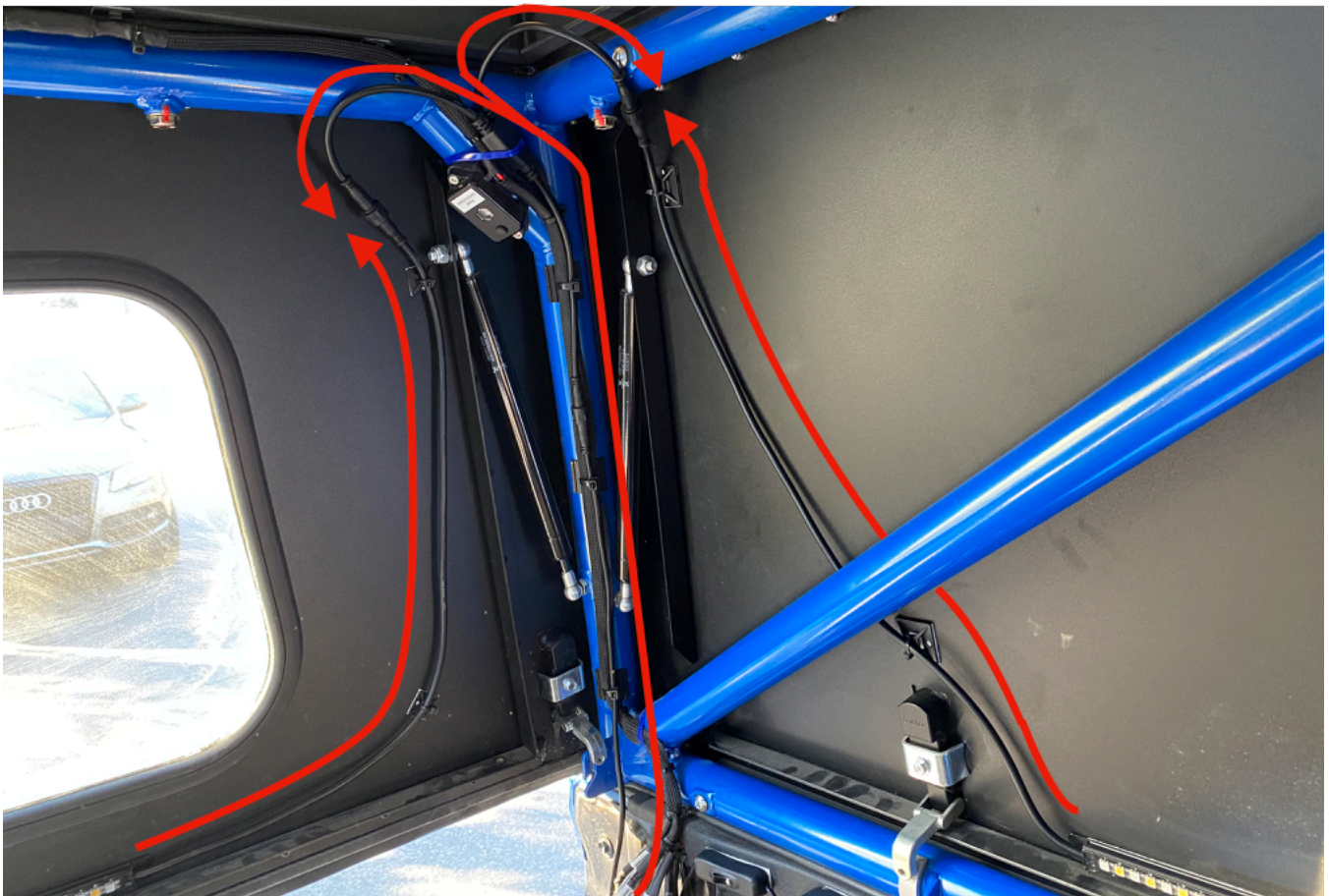


Step 09 Securing Rear 4 Pin Splitter Cable

09-A. After cleaning the area, install 3 curved cable clips on the rear vertical tubing



09-B. Ziptie the cabling to the cable clips and ensure both panels (rear and drive side) have enough slack to open and close



Step 10 Installing Front LED Light Bar

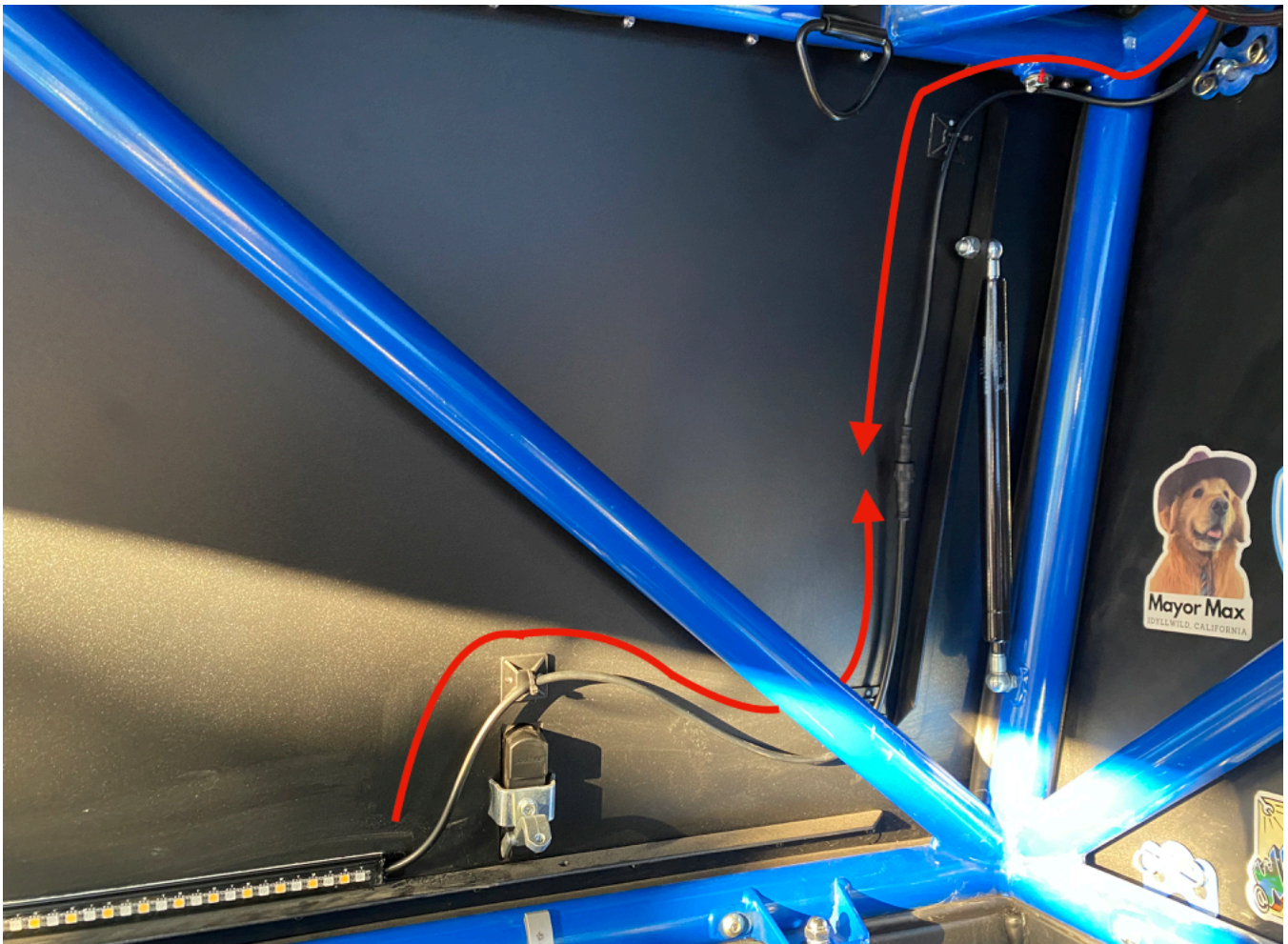
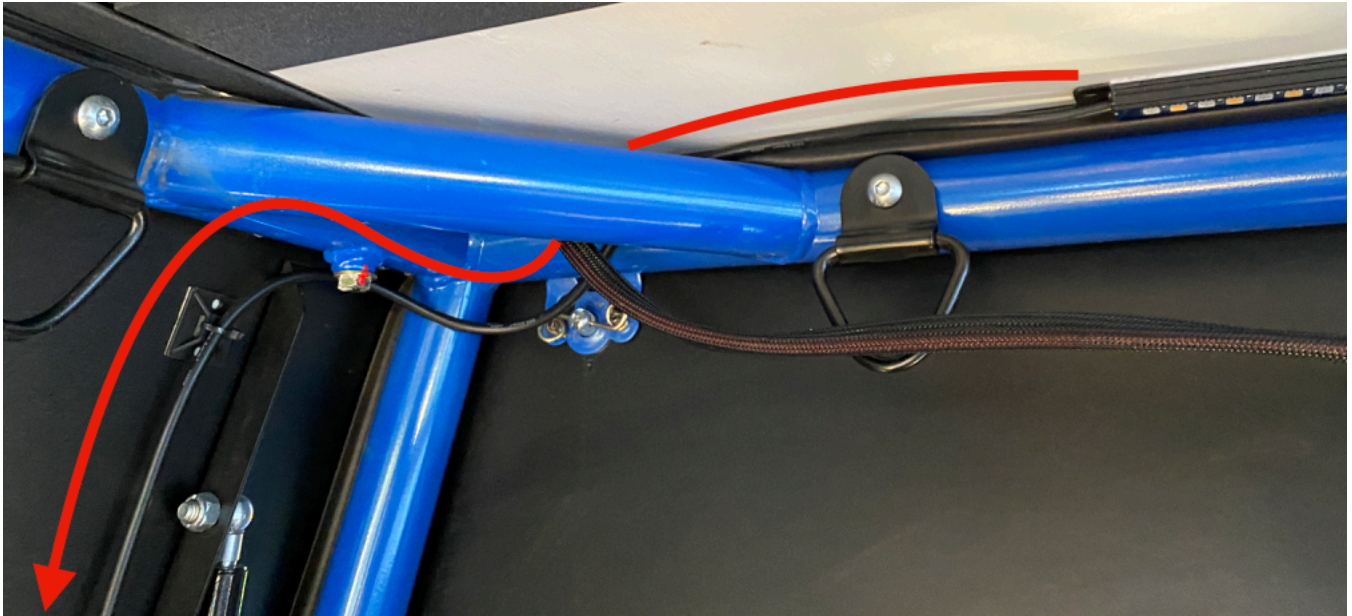
10-A. After cleaning the area, install the front LED light bar



10-B. Run the driver side of the cable through the upper corner to the driver side panel and connect it the driver side LED light bar



10-C. With the side panel open, secure the cable with three cable clips ensuring adequate slack for the panel to open and close. Test opening and closing the panel to ensure there is enough slack



Step 11 Installing Passenger Side LED Light Bar

11-A. After cleaning the area, install the passenger side LED light bar



11-B. Run the cable through the upper corner to the passenger side of the front LED light bar and connect it



11-C. With the side panel open, secure the cable with three cable clips ensuring adequate slack for the panel to open and close. Test opening and closing the panel to ensure there is enough slack



Step 12 Running Power to Upstairs

12-A. Connect the 12 foot cable to the DC-DC barrel splitter



12-B. Run the cable along the driver side under the bed rail securing with cable clips (after cleaning the area) and zipties



12-C. Run cable through the GFC pass through into the upstairs part of the tent



Step 13 Securing Front Cable to Upstairs

13-A. After cleaning the area, install 3 curved cable clips on the front vertical tubing



13-B. Ziptie the cabling to the cable clips



Step 14 Install Upstairs LED Light Bars

14-A. After cleaning the area, install upstairs LED light bars at locations of your choice



Step 15 Routing Upstairs Cabling

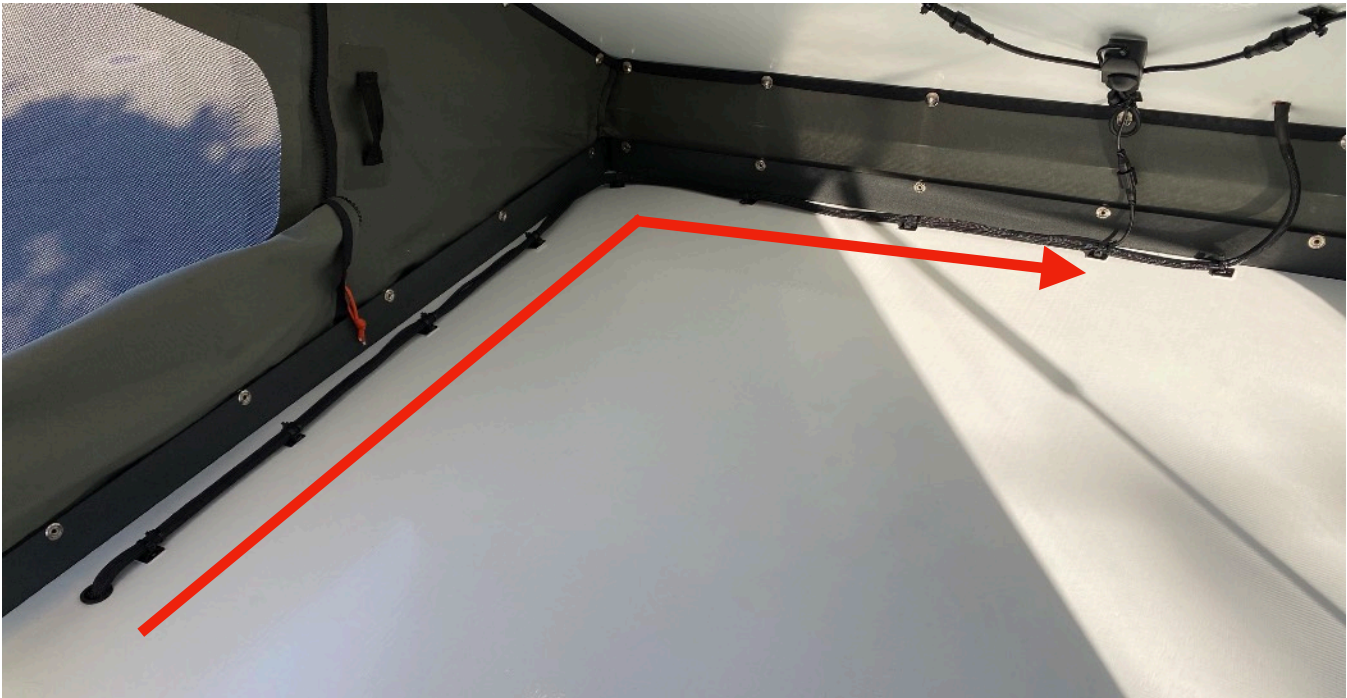
15-A. Starting with the 12 foot cable, connect the dimmer → 4 pin splitter → both LED light bars

15-B. Gently pull each of the light bar cables until they are taut in the middle of the roof towards the front, install a cable clip above where the splitter is, and secure with a ziptie

15-C. Install dimmer at location of your choice and secure any slack with a ziptie

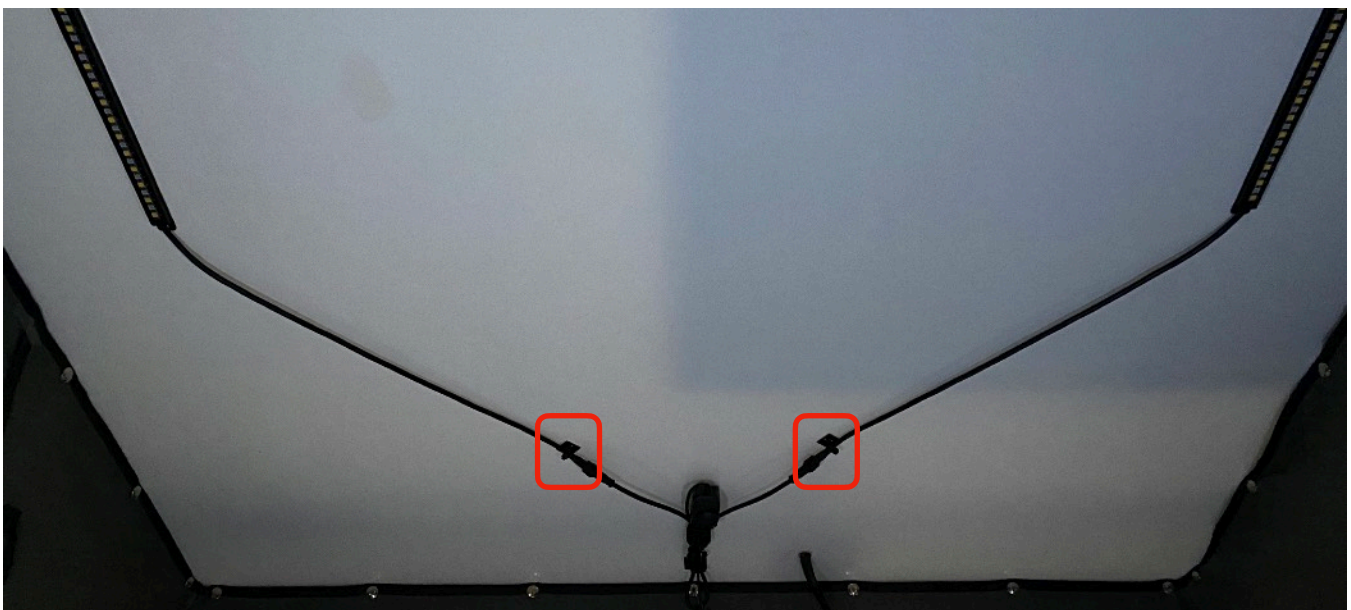
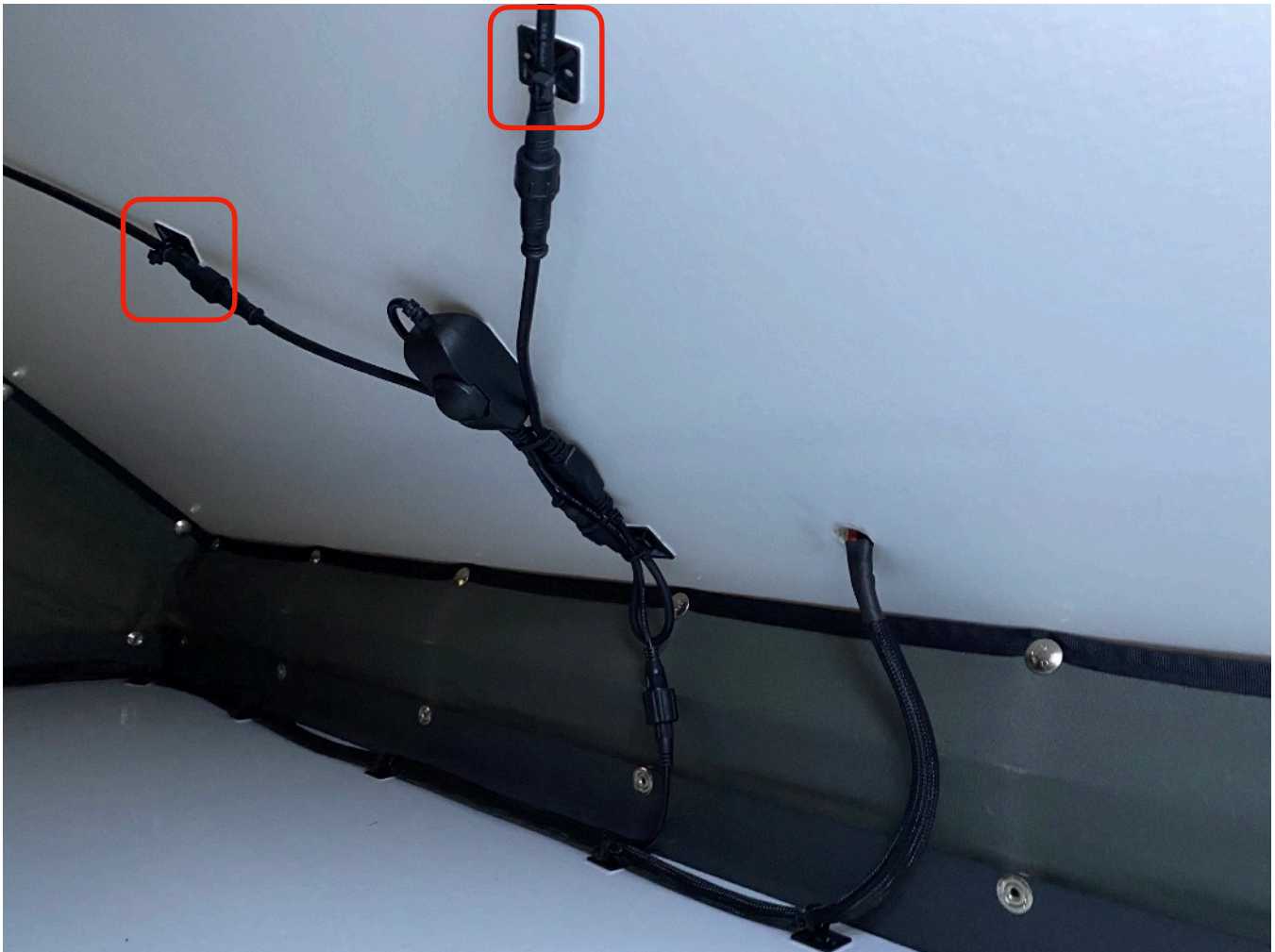


15-D. After cleaning the area, add cable clips along the perimeter of the upstairs bed platform (with bed cushion removed) and secure the 12 foot extension cable with zipties



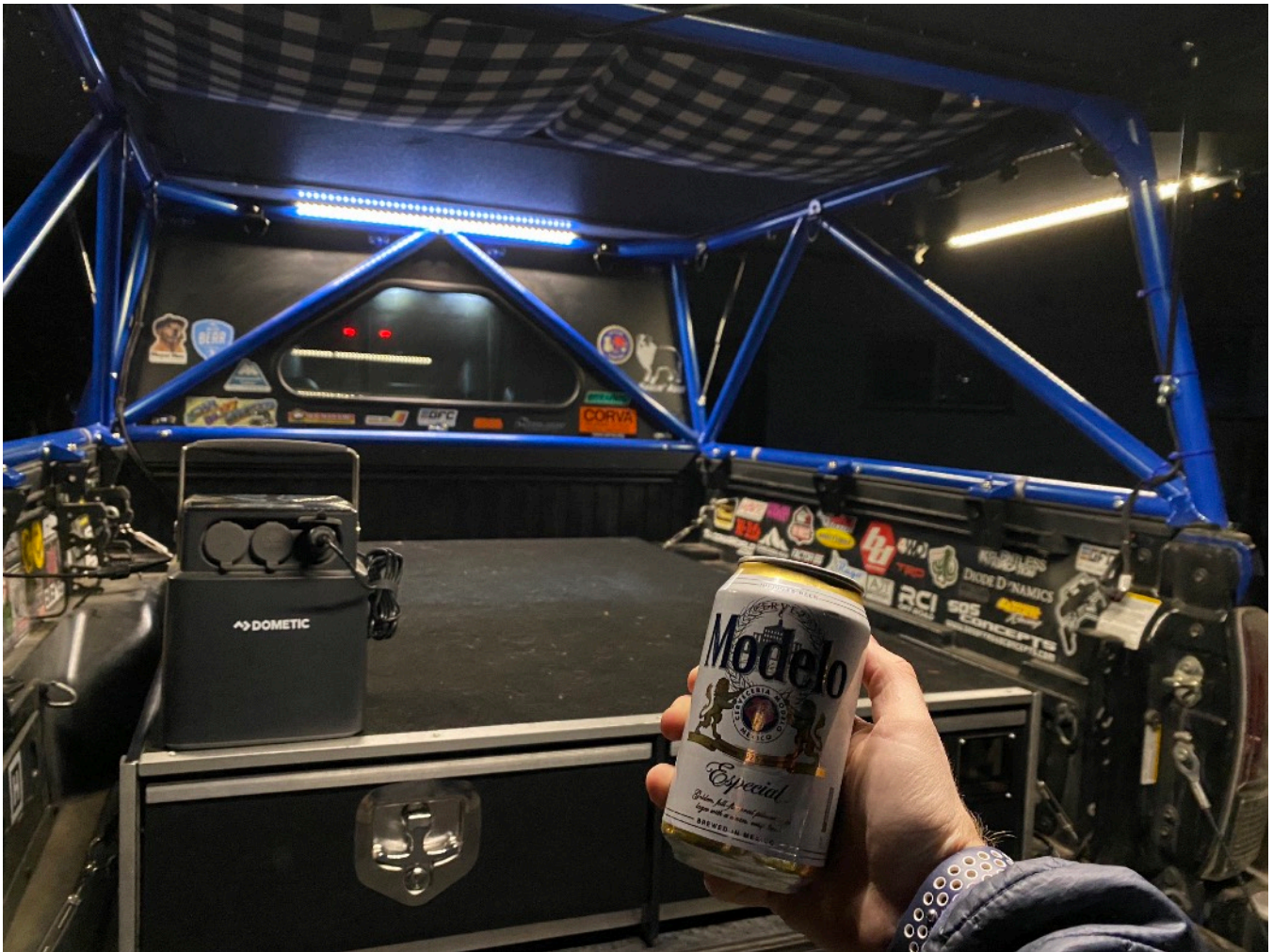
Step 16 Securing Upstairs Light Bar Cabling

16-A. After cleaning the area, secure each light bar's wire with a cable clip and a ziptie



Step 17 Testing Time!

17-A. If you didn't already have a beer, now is the time to grab one!



17-B. Connect to 12V power source of your choice, turn on master switch, and try out each dimmer to independently switch between white and red lights and dim the lights



17-C. Enjoy your new GFC lighting kit! Go out and adventure!

Power sources are not included with the lighting kit

- **Default powering option:** Connecting to 12V external power supply (Goal Zero Yeti, Jackery Explorer, Dakota Power Box, etc) with included cigarette plug
- *Default method ensures that you do not drain your starter battery during light usage. LED lights draw low current although it is not an insignificant power draw especially at full brightness for a prolonged period of time.*

Alternative power options:

- Connecting to 12V receptacle (Blue Sea etc) in truck bed with included cigarette plug
- Connecting to 12V fuse panel (Blue Sea etc) in truck bed by cutting off cigarette plug and installing ring terminals for positive and negative wires (not included). A 5A fuse is recommended.
- Connecting to 12V fuse panel (Blue Sea etc) in engine bay by cutting off cigarette plug and installing ring terminals for positive and negative wires (not included). A 5A fuse is recommended. Wire loom can be used for additional protection for wires running along frame (not included).
- Connecting directly to battery (either starter battery or a house/second battery) by cutting off cigarette plug and installing an in-line fuse and ring terminals for positive and negative wires (not included). A 5A fuse is recommended. Wire loom can be used for additional protection for wires running along frame (not included).

