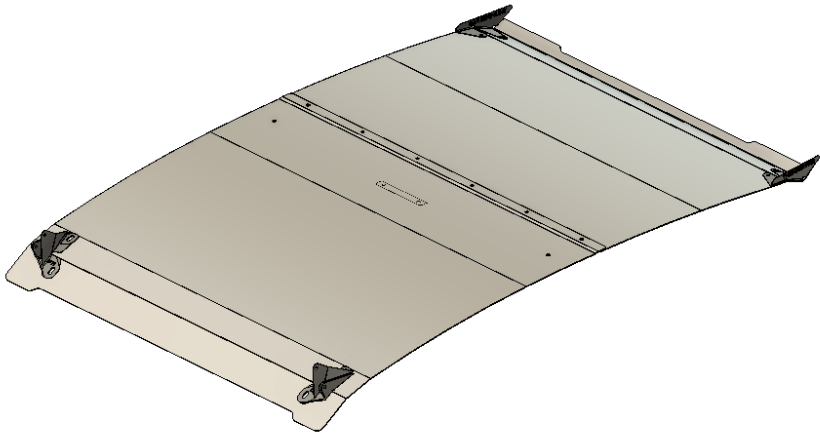


**CF Moto Z10 - 4 Seat
Aluminum Roof**

SKU: TF330401



Thumper Fab
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Customer Service: 903-472-0928

CF Moto Z10 4-Seat Aluminum Roof

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PARTS

REF	QTY	DESCRIPTION
1	1	Aluminum Roof - Front
2	1	Aluminum Roof - Rear
3	1	Rear Wing - Driver
4	1	Rear Wing - Passenger
5	1	Light Bar Bracket - Driver (OPTIONAL)
6	1	Light Bar Bracket - Passenger (OPTIONAL)
7	275 in	Adhesive Foam
HARDWARE KIT		
A	18	M8x20mm Button Head Screw
B	8	M8 Fender Washer
C	16	M8 Nylon Lock Nut

TOOLS

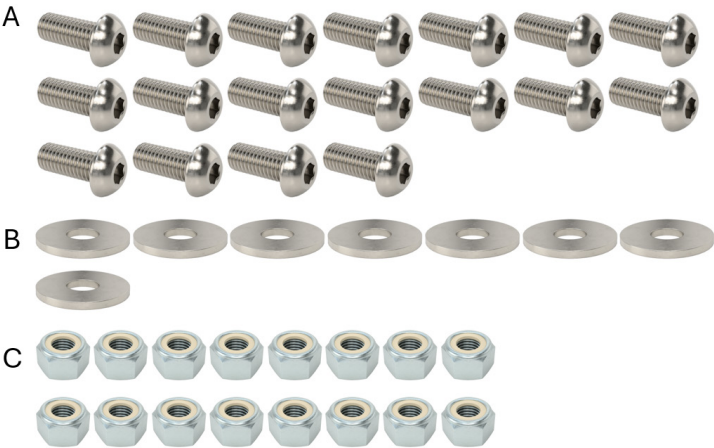
- 5mm Allen Wrench
- 13mm Socket and Wrench
- Snips
- Drill
- Assorted Drill Bits

BEFORE YOU BEGIN

If you do not feel comfortable installing your **Thumper Fab** Aluminum Roof, please see your nearest **Thumper Fab®** Dealer for installation.

Torque Specs:

SIZE (STANDARD)	GRADE 5	GRADE 8	SIZE (METRIC)	CLASS 8.8	CLASS 10.9
5/16"	15 ft/lbs	20 ft/lbs	6MM	5 ft/lbs	9 ft/lbs
3/8"	30 ft/lbs	35 ft/lbs	8MM	18 ft/lbs	23 ft/lbs
7/16"	45 ft/lbs	60 ft/lbs	10MM	32 ft/lbs	45 ft/lbs
1/2"	65 ft/lbs	90 ft/lbs	12MM	55 ft/lbs	75 ft/lbs
9/16"	95 ft/lbs	130 ft/lbs	14MM	85 ft/lbs	120 ft/lbs
5/8"	135 ft/lbs	175 ft/lbs	16MM	130 ft/lbs	165 ft/lbs
3/4"	185 ft/lbs	280 ft/lbs	18MM	170 ft/lbs	240 ft/lbs



INSTALLATION INSTRUCTIONS

Installation Preparation

Apply the adhesive foam to the main tubes and front and rear cross tubes. Use the roll cage as a template before cutting the foam and applying to the roll cage (**FIG 1 & FIG 2**).



FIG 1 & FIG 2 - Apply foam to roll cage

With the help of a friend, place the rear section of the roof on top of the vehicle (**FIG 3**).



FIG 3 - Place the rear section of the roof on top of the vehicle

INSTALLATION INSTRUCTIONS

Installation

Place the front section of the roof on top of the roll cage (**FIG 4**).



FIG 4 - Place the front of roof on the roll cage

Fasten the front section of the front roof to the roll cage using the M8x20mm button head screws, M8 fender washers, and M8 nylon lock nuts. If light bar brackets were purchased, install them at this time as they share the front most holes that fasten the roof to the vehicle. Do not fully tighten hardware at this time (**FIG 5**).



FIG 5 - Fasten the front of the roof to the roll cage

INSTALLATION INSTRUCTIONS

Installation

Light bar brackets share the mounting hardware for the 4 front most holes. (If light bar option was selected) fasten the light bar brackets to the vehicle (**FIG 7**).



FIG 7 - Fasten the light bar brackets to the vehicle

Fasten the rear of the front roof section and the front of the rear roof section to the vehicle (**near the B-Pillar**) using the M8x20mm button head screws, M8 fender washers, and M8 nylon lock nuts (**FIG 8**).



FIG 8 - Loosley fasten center sides of roof halves to vehicle

INSTALLATION INSTRUCTIONS

Installation

Loosley fasten the rear of the rear roof section to the roll cage through the rear wing (**both driver and passenger side**). Use the M8x20mm button head screws and the M8 nylon lock nuts (**FIG 9**).



FIG 9 - Fasten the rear wings to the vehicle

Install the hardware that fastens the front and rear roof's sections together. Use a 5mm allen wrench and a 13mm socket to lightly tighten hardware (**FIG 10**).



FIG 10 - Fasten the front and rear roof sections together

INSTALLATION INSTRUCTIONS

Installation

Tighten all hardware, being careful not to overtighten to avoid warping the roof (FIG 11 & FIG 12).



FIG 11 & FIG 12 - Tighten all Roof hardware

INSTALLATION INSTRUCTIONS

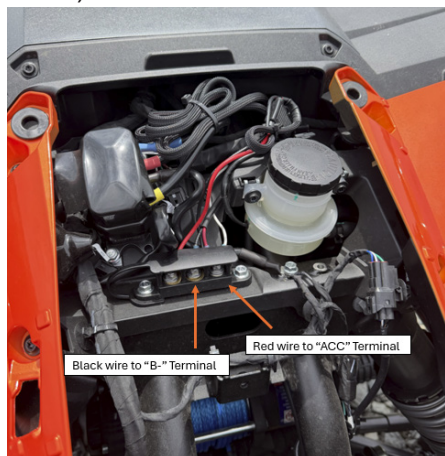
Installation

There is a hole in the roll cage (**near the A-Pillar bung**) that will allow the wiring to be routed from the A-Pillar to the light bar. This hole may need to be increased in size using a drill bit and the deutsch connector located on the wiring harness will need to be cut using a pair of snips to allow the wire to be routed inside this hole. An additional hole will need to be drilled close to the front cross tube of the roll cage to allow wire to be routed out of roll cage. Once prepped, route the wire though the roll cage (**FIG 13**).



FIG 13 - Route the light bar wire through the roll cage

Connect the wires to the switch and mount in a desired location. Open the hood of the vehicle to expose the accessory busbar. Connect the ring terminal ends of the wiring harness to the busbar, the (**Red Wire**) to the “**ACC**” terminal and (**Black Wire**) to the “**B-**” terminal (**FIG 14 & FIG 15**).



A-black
B-white
C-blue

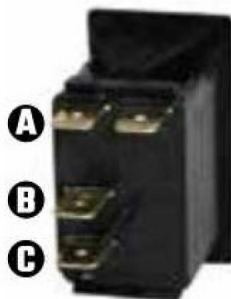


FIG 14 & FIG 15 - Tighten all Roof hardware

INSTALLATION INSTRUCTIONS

Installation (OPTIONAL)

If the dome light option was selected, 2 of the mount holes are shared with the center most holes in the front and rear section of the roof. The other 2 remaining holes are to be drilled out in the roof using the dome light mount as a template to locate and drill the 2 holes front most holes for the dome light mount (**FIG 16**).

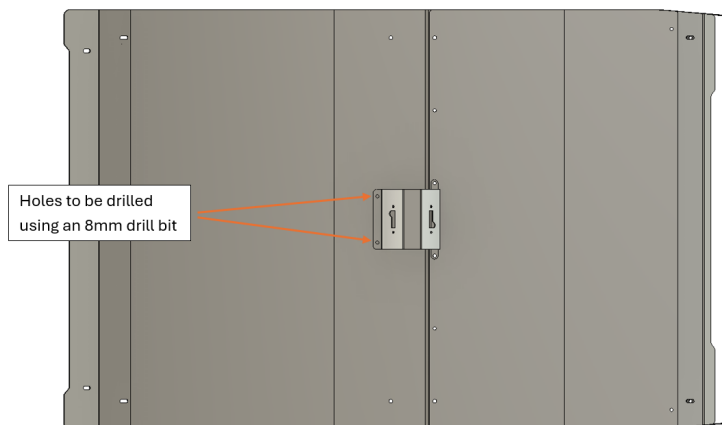


FIG 16 - Drill front mount holes for Dome Light Mount

Fasten the dome lights to the dome light mount and fasten the mount to the rood using the M8x20mm button head screws and M8 nylon lock nuts (**FIG 17**).



FIG 17 - Mount dome lights and dome light mount to underside of roof

INSTALLATION INSTRUCTIONS

Installation (OPTIONAL)

The wiring process is very similar to the front light bar, start by drilling a hole in the roll cage near the center cross tube to allow the wiring harness to be ran through the roll cage from the A-Pillar to the new hole before connecting the harness to the dome lights (**FIG 18**).



FIG 18 - Drill a hole in the roll cage near the center cross tube and route the harness up from the A-Pillar

Zip tie the harness to the center cross tube and connect the ring terminals of the harness to the same terminals as instructed in **FIG 14 (FIG 19)**.



FIG 19 - Fasten wiring harness to center cross tube using zip ties

INSTALLATION INSTRUCTIONS

Installation (OPTIONAL)

Connect the wires to the switch and mount in a desired location. Open the hood of the vehicle to expose the accessory busbar. Connect the ring terminal ends of the wiring harness to the busbar, the **(Red Wire)** to the “**ACC**” terminal and **(Black Wire)** to the “**B-**” terminal (**FIG 20 & FIG 21**).

A-black
B-white
C-blue

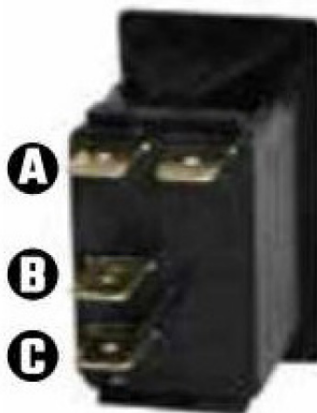


FIG 20 - Switch Wiring

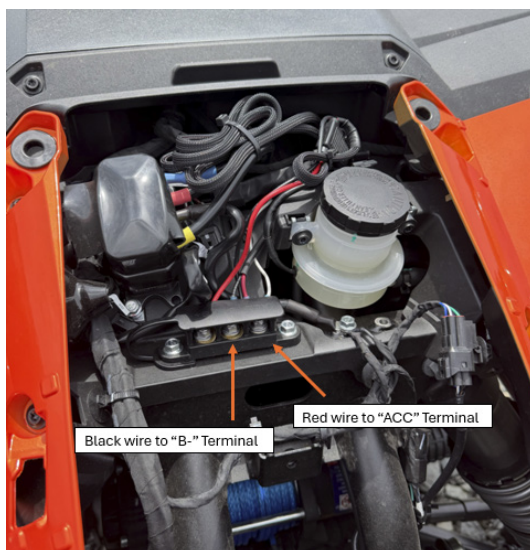


FIG 21 - Connect Harness to Busbar

INSTALLATION INSTRUCTIONS

PRODUCT DISCLAIMER

The installation of products sold or manufactured by Thumper Fabrication, LLC (Thumper Fab) including, but not limited to suspension components such as lift kits, audio roofs, roll cages, frame stiffener kits, and tires that exceed the original specifications for the vehicle, may change the vehicle's center of gravity and handling characteristics both on- and off-road. You are aware that the installation of tires that are larger than original vehicle specifications may reduce the effectiveness of the braking system. Use of these products may place added stress to the original factory vehicle components which could cause them to weaken or possibly fail.

Products sold or manufactured by Thumper Fab are intended for off-road use only. Operation of a vehicle modified with these products on a road could result in serious bodily injury or death, and such operation may violate the laws of your state or municipality. You agree to operate your vehicle exclusively in the manner intended by the vehicle manufacturer. You agree that failure to safely and reasonably operate your vehicle could result in serious bodily injury or death, and that, as a result of installation of this product(s) to your vehicle, extreme care must be taken to prevent vehicle rollover or loss of control, which may be more likely to occur as a result of said modifications. You will avoid unsafe maneuvers, including sudden sharp turns or other abrupt maneuvers, which could make a vehicular accident more likely. You understand that Thumper Fab is not responsible or liable for any damages or any injuries to yourself or your passengers that could occur upon possible accidents due to driver error, incorrect installations, bad judgment, incompatibility with other aftermarket accessories or natural disasters to the fullest extent allowable by law. You will have all vehicle occupants fasten seatbelts, if equipped, and wear proper safety equipment, such as DOT approved helmet and eye protection prior to operating the vehicle. You understand and acknowledge that failure to wear proper safety equipment may increase the risk of serious bodily injury or death to yourself and any passengers.

Proper installation of products sold or manufactured by Thumper Fab requires knowledge of the factory recommended procedures for removal and installation of original equipment components. Installation of these products without proper knowledge and experience may affect the performance of these components and the safety of the vehicle and cause serious bodily injury or death. It is strongly recommended that a certified mechanic familiar with the installation of similar components perform the product(s) installation.

Prior to installing any products sold or manufactured by Thumper Fab, you will perform or cause to be performed an inspection of their vehicle to confirm its condition is suitable for the installation of these products. A proper inspection of the vehicle includes confirmation that the vehicle has not been in a collision and is free of corrosion. If the vehicle is suspected to have been in a collision or misused, or is otherwise unsuitable for modification, you will not install the product(s). You will continue to inspect the vehicle prior to each use to confirm its condition is suitable for its intended use, and you acknowledge that the failure to do so may result in serious bodily injury or death, as well as damage to the vehicle itself.

You will install any warning labels provided with the product so it may be prominently seen by yourself and all passengers. You will notify all passengers of the modifications performed to your vehicle prior to operation.

Insurance companies may handle coverage of a modified vehicle differently. Please check with your insurance carrier prior to modifying the vehicle to ensure your coverage remains sufficient. Installation of this product(s) may void your vehicle warranty. If this is a concern, please check with the manufacturer or dealer before purchase or installation of this product(s).



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