



BOULDER
OUTDOOR PRODUCTS

**“WHIPSAW” AND “ALEXANDER MACKENZIE”
ROOF TOP TENT**

SAFETY AND INSTRUCTION MANUAL

**Carefully read and understand this manual, its
warnings, and instructions, in their entirety
before the assembly, installation or use of the
product**

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Safety Warnings

- Before, during and after the use of the tent, ensure the tent is securely attached to the vehicle. Regularly check all nuts, bolts and mounting hardware attaching your roof top tent to the vehicle are tight and in good condition.
- Exercise extreme caution while climbing the ladder to enter or exit the tent.
 - Ensure the ladder is securely positioned on the ground where it cannot slip.
 - Ensure all locking pins are fully engaged into the fixed ladder portion.
 - Maintain 3 points of contact with the ladder at all times.
 - Ensure only one person is on the ladder at a time.
 - Assist children with the use of the ladder.
- Do not allow children to use the roof top tent or ladder unsupervised.
- Do not drill locking holes below the existing locking pin holes in the ladder. This will compromise the integrity of the ladder and can cause injury. If you need to extend the length of your ladder, ladder extensions are available for purchase.
- Be aware of increased vehicle height and width from the roof top tent. You must measure the overall height of your vehicle with the rooftop tent installed to determine clearance with bridges, carparks, garages, etc.
- The attachment of a roof tent to your vehicle (similar to any other load on your roof rack) will alter its center of gravity and the handling characteristics of your vehicle.
Drivers must adjust their driving accordingly.
- The static weight capacity of this tent is 300KG (evenly distributed). If the tent is overloaded, it can cause injury or damage to the tent or vehicle.
- Disconnect 12v power cord (if equipped) when not in use and during storage
- Always ensure the tent is closed, all closure straps are in place and tightened, and the travel cover is zipped closed before moving or driving the vehicle.
- To prevent injury caused by gas poisoning or suffocation, do not use fuel burning, oxygen consuming devices inside the tent. This includes: candles, gas lanterns, kerosene lamps, stoves, cooking and heating appliances.

- To prevent injury caused by fire:
 - Do not pitch the tent near a camp fire or any other flame source.
 - Do not use candles, matches or any other flame source in or near the tent (this includes stoves, cooking equipment, lighting and heating appliances).

Mounting Requirements

The Boulder Outdoor Products tents weigh approximately 110-150 pounds depending on accessories. This is in addition to the weight of the user(s) and any bedding, clothing, etc. that will be stored in the tent.

It is the end user's responsibility to weigh the tent with all its contents to ensure that the vehicle and mounting system (i.e. Roof rack and vehicle roof) is rated and capable of the weight applied.

Storage, Use, Cleaning Guidelines

- After initial setup, gently mist the tent body with cold water and allow the tent to fully dry in the sun. This will allow the fabric to fully cure.
- The side Velcro retention straps are only designed to hold the tent floors together. They are not designed to pull the tent closed, and using them as such will cause premature wear to the straps.
- Whenever possible, avoid storing the tent while wet. In the event this is not possible, dry the tent as best as possible and close all windows, doors and rainfly flaps before packing tent. As soon as possible, open the tent up to let it thoroughly dry. Storing the tent wet for extended periods can cause mold.
- Do not expose tent fabric to petroleum products, solvents, oil, aerosols, etc.
- Long Term Storage Guidelines:
 - Ensure the tent is fully dried for storage.
 - Clean only with cold water, and a soft brush if required. Do not use household soaps or detergents.
 - Use caution removing the roof top tent from your vehicle to avoid paint scratches or dents.
 - Do not drag the tent on the ground.

- Store inside, out of sunlight, on clean dry ground with the mounting rails facing down to prevent moisture wicking up into the tent
- It is possible to re proof worn tent material which will greatly revive the waterproofing. (Nikwax makes a full line of products suited for cleaning and reproofing the rainfly and tent body)
- Lubricate all the zippers as needed by: cleaning dust and other contaminates from the zipper, then applying a light coat of silicone oil to all zippers, working the zipper back and forth across the full length of the zipper, and removing excess oil with a cloth.

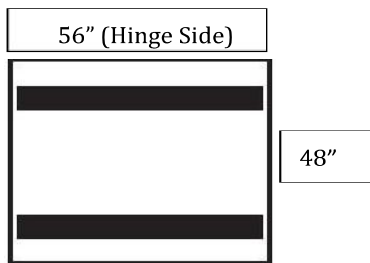
Assembly Instructions

Mounting Rail Orientation

You must choose which direction you want the tent to open off the vehicle before assembly.

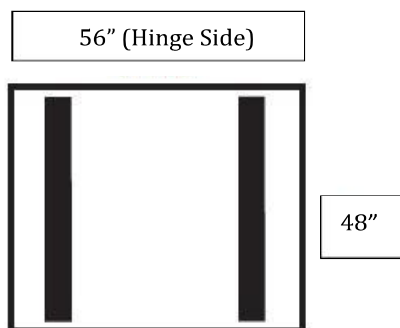
Option 1: Side Opening

This is the most popular method of installation, with the tent opening over the driver or passenger side of the vehicle. This method is preferable as it reduces wind resistance while driving, allows the liftgate of the vehicle to function normally, and allows the use of a fox wing style awning. The mounting rails will be installed in the orientation shown below:



Option 2: Rear Opening

While less popular, mounting the tent over the rear of the vehicle does have benefits, mainly allowing access to the rear of pickup trucks from inside the annex.



The mounting rails will need to be modified for this method of mounting. Prior to mounting the rails, the installer shall bolt the rails onto the tent base, mark the excess material as shown above, and cut the mounting rails with an appropriate tool.

Assembling your Boulder Outdoor Products Roof Top Tent

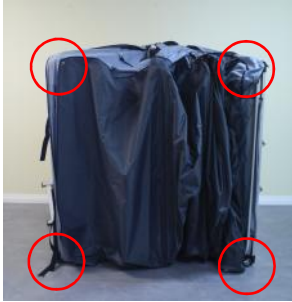
1. Remove the tent from the cardboard and plastic wrap packaging, and remove the wood shipping panels placed on both halves of the tent floor.
2. Lay the tent down on a clean, soft surface as shown. The full assembly will take place here, ensure you have ample working area.



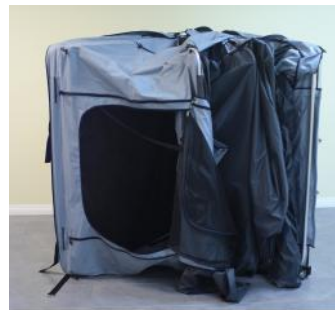
3. Unfasten all 6 Velcro closure straps on the sides of the tent, and stand the tent on its side as shown.



4. Open the tent to a right angle (90 degrees), unfasten the 4 toggles holding the rainfly flaps down over the tent doors.

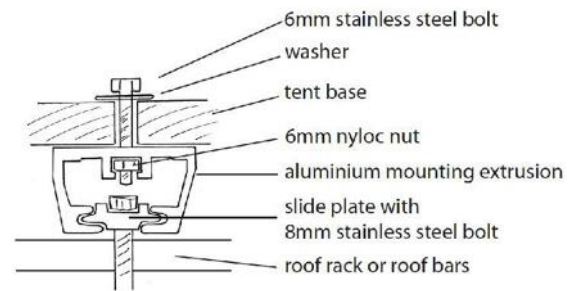


5. Fold the rain fly flaps out of the way, allowing access to the tent doors. Open both doors and the matching mesh screens, allowing access into the tent.



6. Remove all contents (excluding mattress) from inside the tent, and unpackage all mounting hardware, rails, ladder, travel cover, etc.
7. Lift the mattress off the floor of the tent, to expose the 4 bolt holes for the mounting rails.

8. Insert the supplied 6mm bolts and washers through the mounting holes in the floor, Place the mounting rails over these bolts and slide the matching 6mm Nylock nut into the extrusion as shown.



9. Tighten all 4 – 6mm bolts at this point, **do not overtighten as this can deform the tent base and prevent the slide plates shown above from fitting into the rails.**
10. Gently fold the tent closed and lay the tent down on the tent base, with the mounting rails facing up.
11. Remove the zipper from the travel cover, and install the travel cover into the sail track of the tent, with the travel cover logo facing up as shown below



12. Starting with the open end of the zipper, slide the zipper into the sail track clockwise, as shown. Slide the zipper fully through one side at a time before feeding the zipper through the corner.



Start here



13. Using caution not to damage the zipper, stand the tent back up on its side, and open 90 degrees as performed earlier in Step #4.

14. Fold the mattress out of the way to access the ladder mounting holes, and loosely install the ladder mounting brackets. **Do not tighten bolts at this point.**



15. Install the ladder onto the mounting brackets, with the bolts pointing in towards each other as shown. Tighten these pivot bolts, the ladder should pivot freely. Overtightening could cause damage to the ladder and/or the tent base extrusion.



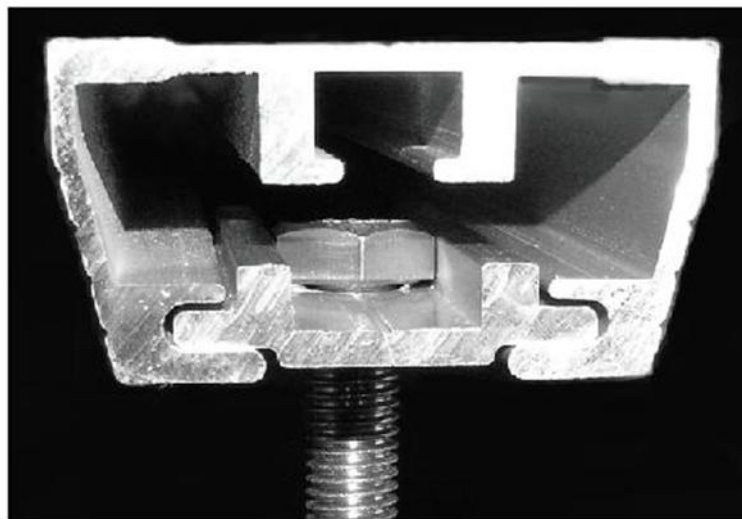
16. Now tighten the ladder mounting bracket bolts from Step 14.

17. Push the mattress back against the floor, attaching it back to the Velcro retention straps.
18. Close all mosquito nets, doors, and rain fly flaps, and gently fold the tent closed, tuck any loose fabric in between the tent bases.
19. With the tent folded closed, lay it down on the ground right side up (ladder facing up) and tighten the 4 short closure straps down the sides of the tent. **Pull the tent base closed by hand, and then attach the strap. Do not pull on the straps to tighten the tent bases together.**
20. Turn the travel cover over onto the top of the tent, and zip fully closed. It may be necessary to tilt the tent up off the ground to gain access to the zipper.
21. Attach the 2 travel cover straps (these are the 2 longest straps).

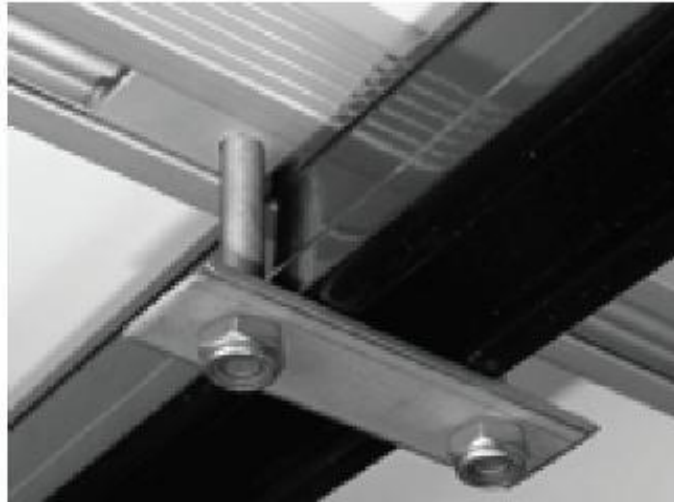
Mounting the Tent on the Vehicle

Throughout the mounting process, take caution not to hit the tent against the vehicle as this can cause scratches, dents, broken windows, etc.

1. **Ensure your vehicle and its mounting system meet the mounting requirements stated at the beginning of this manual.**
2. With the Assistance of another person, carefully place the tent on the vehicle in the approximate mounting location. Ensure the tent will open in the desired direction.
3. Using a measuring tape, ensure the tent is centered left to right on the vehicle as best as possible, square to the vehicle, **and that the vehicles mounting rails are equally spaced underneath the tent.**
4. Insert the 8mm bolts into the slide plate, and then insert the slide plate/bolt assembly into the mounting rails as shown. (A light spray of lubricant such as WD-40 may aid in the installation of the slide plates).



5. Align the slide plate with the vehicle's crossbars and install the stainless-steel mounting straps as shown. Equally tighten the bolts to prevent the strap from deforming. **Ensure the tent is firmly attached to the vehicle and cannot slide or otherwise come off the vehicle.**




6. Install the plastic end caps into the mounting rails.

Set Up Instructions

Now it's time to enjoy your new Boulder Outdoor Products roof top tent!

Important tips for choosing a camp site:

- Flatness – If required, smooth flat pieces of wood may be used to level the vehicle **However, ensure the vehicle is stable.**
- Shelter – Boulder Outdoor Products tents while designed for the elements are not designed to withstand high force, storm type winds.
- Distance from roadways – Ensure to set up in a safe area away from traffic
- Distance from campfires and flames – Ensure you are a sufficient distance away from any sparks, fires, flames, smoke, etc.
- Allow sufficient area for the tent, its annex (if equipped) and the tent windows to open.

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1. After parking the vehicle in the desired location, **set the vehicle's emergency brake, leave the vehicle in gear/park and chock the tires.**
2. Undo the 2 travel cover straps and let them hang from the tent base.
3. Unzip the travel cover from the base of the tent and uncover the tent, allowing the travel cover to hang from the sail track.
4. ****This Step Is for Annex Installation Only****

Remove the travel cover from the tent by completely sliding it out of the sail track



5. ****This Step Is for Annex Installation Only****

Install the sail track on the annex into the tent base, as shown.



6. Undo all 4 straps holding the tent bases closed.
7. Rotate the ladders locking pins to engage them, and then slide the ladder out until both pins fully seat into the locked position. **Ensure both pins are fully seated by attempting to slide the ladder in and out**

8. Using both hands, carefully pull down on the end of the ladder to open the tent and prop the ladder against the ground. Make any adjustments to the length of the ladder if needed. Ladder extensions are available for purchase if required.

9. ****This Step Is for Annex Installation Only****

Place the base of the ladder on the ground inside the annex room, while taking care not to tear the annex fabric.



10. **Ensure the ladder is stable on the ground and cannot slip, shift or otherwise move under the weight of a person climbing the ladder.**

11. Insert the shoe bags into the sail track on either side of the ladder mounts. Note that these will stay on the tent during storage.

12. Undo the toggles holding the rainfly and windows closed.

13. Insert the window spring rods through the grommets in the fabric and into the tent base as shown. – Note that the holes are drilled at an angle and therefore the rods must be inserted at an angle.



14. Once the rod is inserted, flex the spring rod up and hook it into the grommet on the window/rainfly.

15. Repeat this process for all windows and rainfly flaps.

16. ****This Step is for the Alexander Mackenzie Model Only****

Hold the covered entry open and slide the aluminum door hoop out of the tent, Using Caution not to tear the tent walls or mattress. Fit the hoop into the covered entry, aligning it with the reinforced corners. Then slip the ends of the hoop onto their mounting pivots, on the tent base. Using the provided hardware, stake out the covered entry to stabilize it against winds.

17. ****This Step is For Annex Installation Only****

Zip the annex onto the tent, this zipper runs from the tent hinge, around the tent base and covered entry, back to the other tent hinge. Once this is complete, zip the annex floor into the annex. It will be necessary to lift the ladder and place the floor underneath. **Ensure again the ladder is stable on the ground and cannot slip, shift or otherwise move under the weight of a person climbing the ladder.** Stake the annex to the ground with the provided hardware

Packing the tent for travel

1. Ensure the tent is clean and dry.
2. Remove any gear from the inside of the tent, ensure any bedding to remain in the tent is neatly folded to the fixed half of the tent to ease the closing process. – Excessive bedding will prevent the tent from fully closing which will increase the difficulty of the travel cover closure.
Utilizing bedding made with a down fill will allow the tent to pack much easier than synthetic fills.
3. Zip all windows, doors, mesh, etc. closed.
4. Remove all spring rods from windows and rain fly flaps. Unhook them from the grommet first, and then slide them out of the tent base, insert the toggles to secure the windows and rain fly flaps – Note that it is normal for the rods to take a curve after the first use
5. ****This Step is For Annex Use Only****
Remove Annex Stakes, Unzip the annex from the tent and allow it to hang off the sail track.
6. ****This Step is for the Alexander Mackenzie Model Only****
Remove the stakes for the covered entry, unhook the covered entry hoop from the tent base, and insert it back into the tent, using caution not to snag or rip the tent walls/mattress.
7. Carefully lift the ladder and fold the tent closed.
8. Pull and rotate the ladder locking pins to disengage them and fully collapse the ladder, removing any ladder extensions.
9. On the opposite side of the tent from the hinges, pull down on the top tent base then attach the 4 side closure straps.
10. ****This Step is For Annex Use Only****
Remove the annex from the tent sail track, and reinsert the travel cover as done in the initial assembly, pack the annex back into the large bag provided. It is not required to detach the floor from the annex.
11. Turn the travel cover onto the tent, and pull it down over the corners of the tent
12. The travel cover has been designed oversized to allow room for the tent fabric, however, it may be required to stuff some of the fabric in between the tent bases.
13. Attach the end of the zipper and fully zip the travel cover closed, taking care not to snag any of the tent fabric in the zipper. Close the 2 Velcro flaps at the ends of the zippers.
14. Attach the 2 long travel cover straps.

Warranty Statement

Boulder Distributors Inc. (Boulder)'s products are covered under a one year limited warranty only. Subject to the conditions of the limited warranty stated below, Boulder warrants to the original retail purchaser(Buyer) that its products are free from defects in material and workmanship. All other warranties and representations expressed or implied, are hereby disclaimed, including fitness for merchantability and Buyer's intended use or purpose. All parts are sold "AS IS" except for the limited warranties granted herein. Buyer assumes all risks as to the selection, suitability and performance of all goods and products selected. This limited warranty does not cover damage or impairment in any part due to misuse, abuse, improper assembly or installation, accident or contact with on-road or off-road hazards, normal wear and tare, product modification, improper or inadequate cleaning and/or maintenance, contact with harmful chemicals, contact with sparks or open flames, exposure to storm conditions. Boulder is not responsible for items damaged during shipping. This warranty is not transferable from the original Buyer. For the Buyer to be eligible for the limited warranty coverage, the Buyer must provide proof of purchase from an authorized Boulder Outdoor Products dealer. Limited Warranty coverage is valid for one year from the date of purchase.

Buyer's remedy hereunder shall be limited only to repair or replacement (at Boulder's option) of any defective part(s) returned to Boulder at Buyer's expense. The determination of whether or not a returned part is defective or subject to coverage under the limited warranties stated herein shall be made at Boulder's sole discretion.

To assure product quality, Boulder reserves the right to change product design, material, specification and finishes without prior notice to Buyers. Boulder reserves the right to discontinue product lines and substitute products, or provide other remedies than those listed in this limited warranty for those discontinued products.

Limitation of Liability

The maximum liability Boulder Distributors Inc.(Boulder) has to the Original Retail Purchaser (Buyer) is the original purchase price. Neither party shall be liable to the other for any indirect, consequential or special losses or damages incurred by the other party which arise from a breach of this agreement, warranty or use of the product, such as, but not limited to, loss of profits, loss of revenue, loss of use, loss of business or loss of goodwill, or exemplary or punitive damages, other than such indirect, consequential or special losses or damages which may be awarded to a third party and for which a party is liable to indemnify the other party, whether based upon breach of contract, tort, statutory offences and quasi-offences, strict liability or any other theory of law, even if the party in breach has been advised of the possibility of such damages. This warranty and other legal statements are governed by and interpreted by the laws of the Province of Alberta.

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