



ROOFNEST
Elevate Your Experience

Falcon Install and Setup Instructions

Welcome to the Flock!

Let's get your rig sorted.

A Note About Roof Racks



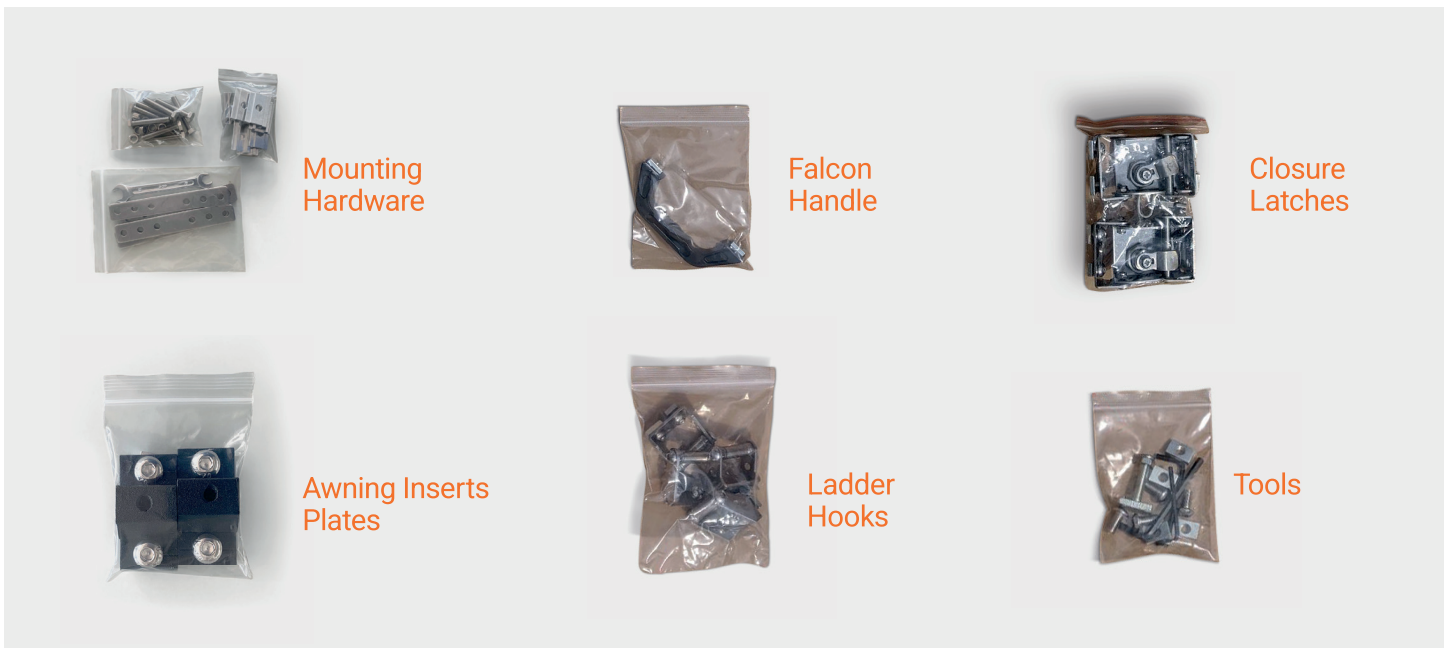
- Roofnests are engineered to be mounted to two crossbars that are at least 30 inches apart. Platform racks can be used, but are not necessary and in some cases make installation trickier.

Please refer to the [platform rack installation guide](#) for more information.

- On some makes of vehicles, the stock crossbars are too close to the roof to provide the clearance to install the mounting hardware. In these cases an after-market crossbar solution is recommended. Contact Sales with questions.
 - You can always use [etrailer.com](#) as a great resource to find the perfect crossbar or [check out this article for more information.](#)
- The Roofnest Falcon weighs 145 lbs and the Falcon XL 165 lbs and your crossbars should be rated to support the weight of the tent by itself. Your crossbars have a weight rating which is the dynamic load rating (when your vehicle is moving at highway speeds) and can support 5-7 times this Dynamic Load rating when your car is parked. Almost all modern cars and crossbars have no problem supporting the weight of a Roofnest and occupants - just don't drive on the highway with your friends in your Roofnest!

Parts List

- 4 U-shaped Brackets
- 8 M8 Bolts with 8 Lock Nuts
(if needed, replacements can be found at your local hardware store)
- 8 Aluminum Mounting Plates
- 1 13mm Ratcheting Wrench
- 1 Falcon Handle
- 2 Sets of Ladder Hooks (4 Hooks total)
- 2 Closure Latches
- 2 Awning Insert Plates
- 2 Awning Poles
- Sand Free Mat
- USB Rechargeable LED Light
- 2 Multi-functional Pockets



We recommend installing the Closure latches, Ladder hooks, Handle, and Awning inserts before you install your tent onto your car.

These are in the Pre-Install Section below.

The hardware for your Falcon attaches via the Accessory Channels which are on all four sides of the top and bottom shell. These channels allow you to attach anything to your Falcon such as lights, awnings, showers, etc (weight limit per channel is 50lbs when attached with two connection points – the more spread out the attachments the better).

When attaching items to the accessory channels you may use the rectangular nuts (M8 1.25 threads) or purchase M8 1.25 hex head bolts which slide directly into the channels which fix the bolt head.

You can purchase [Falcon Awning Brackets here](#) which can be attached to the Accessory Channels, and allow easy attachment of third-party accessories.

Pre-Installation

Step 1

Install the Ladder Hooks

- Ladder hooks can be installed under whichever entrance you'd prefer – there are 2 sets of ladder hooks. These hooks should be installed with the cylindrical bar going across the top (see image).
- Slide the rectangular nuts into the bottom T-groove, use the ladder to measure the proper distance and then tighten the nuts in place using the included Allen wrenches.



Step 2

Closure Latches

- Closure latches must be installed at the rear of the tent, and we recommend installing the closure latches on the left and right sides at the rear. You can install them at the back under the main door or on the two sides of the tent at the back.
- You may install the closure latches facing up or down (down is shown in the photos). Slide the rectangular nuts into the T-grooves as shown and position the closure latches about 8-10" in from the corner of the tent. You may find that a "ball-end" allen wrench works best in this instance.



Closure latches installed on the side at the rear of tent



Step
3

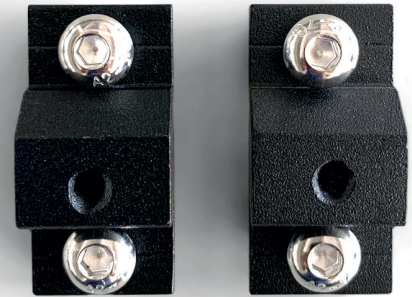
Install the Awning Insert Plates

- Awning Insert Plates are the black rectangles pictured here with holes into which you insert that awning poles. The Awning Insert holes will be used to anchor the awning poles or the rain fly.



NOTE: the holes have direction and should be installed so that the awning poles, when inserted spread outwards away from doorway.

- You will insert the rectangular nuts into the T-groove (you're getting used to this now, right?) and position the insert 5" in from the edge of the tent on the back, lower shell T-groove.



Awning insert hole faces outside edge of tent

Step
4

Install the Handle (this is optional)

- Thread the rectangular nuts into the TOP T-groove at the back of the tent, position the handle where desired and tighten the bolts.

NOW YOU ARE READY TO INSTALL YOUR FALCON ONTO YOUR CAR.



Installation Instructions

We highly recommend referring to our installation video [here](#).

Step 1

- Lift the tent onto your crossbars (you'll need a friend or two) with the Roofnest badge facing towards the rear of your vehicle, and the hinges at the front of your vehicle.
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Step 2

- Make sure the tent is positioned approximately where you want it. Typically, if it looks right- it is! For SUVs and hatchbacks, open your trunk and push the tent back until it just misses touching the open trunk. This allows you to be sure the tent won't interfere with your trunk's operation.
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Step 3

- Prepare your mounting sets. [Here is a helpful video from one of our customers.](#)
 - a. Insert an M8 bolt into a mounting plate (tracks facing up) and then attach a mounting U bracket (concave pointing up). Then attach a hex head bolt a little less than half way. Repeat three more times.
 - b. Prepare four M8 bolt and plate sets by connecting an M8 bolt to a mounting plate. Repeat three more times.
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Step 4

- With your 4 original mounting sets with the U Bracket, slide each into the mounting track, followed by your M8 bolt and plate set. Repeat for each corner of the tent.
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Step 5

- Start at the front or back with a partner and lift the front or back up to slide the mounting set to the inside of your crossbar as shown in video. Repeat for each corner.

Step
6

- Connect the mounting sets together by inserting the dangling M8 bolt through the mounting U bracket and finger-tighten a nut onto the M8 bolt. Repeat for all four corners.

Step
7

- Tighten the nuts evenly and snugly making sure that before you do a final tightening of the nuts that you have your Roofnest lined up on your vehicle's roof exactly where you want it.



IMPORTANT: BE SURE TO CHECK THE HARDWARE AFTER 10-20 MILES OF DRIVING TO ENSURE IT IS STILL SNUG. REPEAT PERIODICALLY.

- The bolts included are M8 1.25 hex head bolts, if you want shorter or longer mounting bolts they are readily available at most hardware stores.
- If your crossbars are too tall or too short for the included mounting hardware you can quickly contact our support team via chat on roofnest.com



How to use: Awning Poles

Step 1

- Insert Awning Pole into the small hole of the Awning Insert Bracket, hook tip facing the ground. In the metal banding of the lower shell near the edge of one door. The pole goes in at a STEEP angle - make sure the pole is fully inserted – you may have to twist the pole.

Step 2

- Insert the hook into the grommet at the bottom corner of the canvas door. It will feel like you are bending the pole – the tension is what keeps the awning extended.

Note: those Awning Insert brackets are directional - please refer to Step 3 In Pre-installation Section above if the poles are not pointing away from the insert brackets.

Ladder

Step 1

- When you extend the ladder, make sure to extend all the rungs fully so they are locked. If you need to shorten the ladder, only collapse the very upper rungs – do not collapse the lower rungs to shorten the ladder. This will ensure that the ladder is safely locked.

Step 2

- Make sure you don't have any bounce in your ladder. if you do have bounce in the ladder, this means the ladder has not been properly locked, and you need to make certain that the rungs are locked starting from the bottom of the ladder and working up to the top of the ladder.

USB LED Light

- Simply plug the light strip into any USB battery and the light will turn on, unplug to turn off. There is a pocket to store the battery near the light.





NOTE: THE RECOMMENDED SPEED LIMIT WITH THE FALCON ON YOUR VEHICLE IS 75 MPH.

Driving speed should always be adjusted according to the current driving conditions
– please use caution on your first few drives with the condor on top and always remember to check the mounting hardware.

Falcon FAQs

1. How tight should the crossbar mounting bracket hardware be attached to the crossbar?

Should feel tight with a wrench, sometimes this slightly bends the lower bracket.

2. Where to position the tent over the crossbars?

As centered as possible and move just forward enough to avoid a rear door opening into the tent.

3. How to use the awning pole?

The awning pole will be flexed to create the necessary tension to keep the window or door taught. You may need to flex the pole firmly to create this tension. If the pole doesn't seem to be working, please ensure it is seated ALL the way into the receiver.

4. Why is my brand new tent hard to close?

The Falcon tents are hard to close when new. This is due to the tent materials being new and requiring a break in period. Note: the latch tension can be adjusted ([see more here](#)).

Thank you so much for being a Roofnest customer!

Please stay in touch and let us know where your travels take you – we love to get photos! We also have a great community online where customers post photos, share stories, tips, and good vibes – the Roofnest Flock – find it on Facebook by searching for “Roofnest Flock”.

 Groups

e: support@roofnest.com

p: (303) 502-5406

www.roofnest.com

Now go camping and enjoy!

Share Your Adventures #Roofnest


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