

Instructions



Falcon *Air* Drive Away
Awnings



These instructions are for your Falcon air drive away awning. You should read these thoroughly before you use the awning. Always keep these instructions as you may need to refer to them at a later date.

Safety Advice: Fire, cooking and essential safety advice

- Check any camp site fire and safety regulations and fully digest this important information. All members of your group should be aware of these precautions and know how to respond in the event of an emergency.
- Your awning entrances should be kept clear at **ALL** times in case of the event of an emergency and exit is required. Flame and heat sources should be kept well away from your awning or flammable furniture.
- **NEVER** use a fuel-burning appliance inside or close to your awning, including stoves, barbecues, lanterns or candles. Apart from the danger of fire, burning fuels such as gas or petrol without sufficient ventilation produces carbon monoxide, a colourless, odourless but deadly gas. A charcoal barbecue produces carbon monoxide even when it is working well and continues to do so until it is completely cold.
- When your fuel-burning appliance is finished, fully extinguish the coals and move it away from your awning. Even a cool appliance can give off lethal amounts of carbon monoxide.

Parts List

Description	Quantity
Awning canvas	1
Steel Pegs	32
Storm roof air beams	3
Quest Falcon Air Technology hand pump	1

Before first use: Check your awning before its first use.

- Thank you for the purchase of this Quest Falcon porch awning.
- This awning has been tested for defects and flaws at the production facility, but we recommend checking your awning by erecting it on your vehicle before you go away in case there is an issue with it.
- Ensure your awning channel is free from debris and any rough edges as this can damage the awning when being erected.

Details

Details about your falcon awning



No	Description
1	Awning beading
2	Connection tunnel
3	Main air beams
4	Inflation point of air beam

No	Description
5	Rear pegging point
6	Roll up front door/panel being used as sun canopy
7	Zip for built in drive away kit

Drive Away Awnings

Using and pitching the connection tunnel

Drive away awnings: Tunnel fitting

Your drive away awning has a connection tunnel sewn onto it. This connection tunnel is used to connect your awning to your vehicle. There are multiple different methods available for fitting it to your vehicle. Each of these are listed below. You can use whichever method you prefer, or find easiest to attach to your vehicle.

'Over the top' :

- This is the oldest method of connecting the tunnel to your vehicle. You take one of the storm straps located at the end of the beading on the tunnel and throw this over your vehicle. Then peg this guy line in the ground as normal.
- Repeat for the guy line at the opposite end of the tunnel.
- Then adjust the guy lines so the tunnel sits just on ridge of the roof of your vehicle.

TIP : If you have a high vehicle you may have to attach a second guy line (not supplied) to the existing one in order to be the correct length. It can also be simpler and easier if you attach something like a tennis ball to the guy line as this makes it easier to throw over the roof of the vehicle.

Using the beading

- If your vehicle has a channel (like a Reimo rail or similar) on it, you can use the beading on the awnings tunnel.
- Your awning has dual beading (both 4mm and 6mm) on it as standard. If your channel is 4mm then use the 4mm (the smaller) of the beading. If your channel is 6mm then use the 6mm (the larger) of the beadings.
- **NOTE:** Your awning also comes with a built in drive away kit, so even if you are planning to drive away and leave the awning pitched, you do not need to purchase an extra drive away kit as you do with other awnings, it is already built in.
- Feed this into your channel and pull the tunnel until it is positioned where you want in the channel.



Drive Away Awnings

Using and pitching the connection tunnel

Drive away awnings: Tunnel fitting.....continued

Using a wind out canopy

NOTE : This method connects the awning to your canopy. Depending upon the make, model and instructions of your canopy you may have to erect your awning before doing this. This allows you to take the weight of the tunnel of the canopy when it is wound back up. Please consult your canopy instructions before proceeding.

- All wind out canopies (such as Fiamma F45, Thule Omnistore, Prostor etc.) have a channel along the front of them. This channel can be used the same as the 'using the beading' example previously. If you intend to drive away, you will also have to use a standard (not magnetic) drive away kit at this point, the same as previously stated. Again the drive away kit details are listed below.
- Roll out your wind out canopy so the front of the canopy is at a manageable height.
- Slide the tunnel into the canopy (or the drive away kit) and position where required. Once on the canopy, wind the canopy back into its cassette, so the tunnel is taken right up against the side of your vehicle.

Drive away awnings: Using a drive away kit

Your awning has a built in drive away kit, so you do not need to use a separate drive away kit, but you may wish to. If you do wish to the instructions below are to help connect your awning to your vehicle or wind out canopy. There are two different versions of a drive away kit, both are described below.

Your Built-in Drive Away Kit

Your awning has two beadings (4 and 6mm) on it. It also has a zip located underneath the webbing material the beading are in. To use your built in drive away kit simply slide the correct size beading (depends upon the channel you are sliding into) into the channel and you are ready to go. When you want to disconnect you simply unzip the tunnel using the zip located under the webbing material. When you want to re-connect simply zip it back in.



Drive Away Awnings

Using and pitching the connection tunnel

Drive away awnings: Using a drive away kit..... continued

Magnetic Drive Away Kit

One option to connect your tunnel to your vehicle is a magnetic drive away kit. These are optional and have to be purchased separately. They are used to connect a tunnel to your vehicle when you do not have any other method (such as a VW camper van). To use a magnetic drive away kit :

- Take the figure of eight connectors (there will be more than one section) from the magnetic drive away kit and slide them onto the beading on the tunnel.
- Then slide the magnetic drive away kit into the other side of the figure of eight.
- Then you can place the magnetic side of the drive away kit to the side of your vehicle.

TIP: Whilst the magnetic drive away kit will hold the tunnel to your vehicle, it will not support the tunnel in moderate to high winds (we have found this during testing of many different brands of magnetic drive away kits), so we also recommend that if you are using a magnetic drive away kit we still use the two guy lines at the ends of the tunnel (similar to the 'Over the top' solution above) to secure the tunnel to the vehicle, in conjunction with the magnetic drive away kit.

Standard Drive away kit

A standard drive away kit is an optional piece of equipment (purchased separately) that allows you to disconnect a tunnel from a channel or roll out canopy without the need to un-peg your awning. Drive away kits come in two different sizes : 4 and 6mm. You choose the size closest to the size of the channel on your vehicle or roll out canopy. Please consult the instructions that came with your canopy/channel to find out which one you need. To use a drive away kit :

- Take the long double beaded webbing strap from your drive away kit out and slide this into your wind out canopy or channel.
- Then take the figure of eight section(s) from the kit and feed these onto the other side of the webbing strap.
- You can then feed the channel on the awning tunnel into the other side of the figure of eight sections which connects your awning tunnel to your vehicle.

TIP : Some drive away kits can be cut down to size, which can make it cleaner and easier to fit the drive away kit as they can be cut down to exactly the same size as you require, removing any excess which can get in the way. Please consult the instructions/details that came with your drive away kit to confirm this before cutting.

Drive Away Awnings

Using and pitching the connection tunnel

Drive away awnings: Adjusting your tunnel

Once you have connected the tunnel to your vehicle you will have to adjust the tunnel. This will depend upon how the tunnel is connected, the ground that the awning is being pitched on and the height of your vehicle. The amount you have to adjust your tunnel will again depend upon the height of your vehicle and the version of the drive away awning you have. The closer you are to the lowest setting on the tunnel, the more adjustment you will have to make. The closer you are to the maximum height of the tunnel the less adjustment you will have to make.

- Attach the top of the tunnel to the vehicle using the instructions on the pitching page(s).
- Next un-clip the webbing strap located on the outside of the tunnel, that goes from the top corner of the tunnel down to 180 cm from the ground.
- Then move the awning away from the vehicle until the roof of the tunnel becomes tight. This is the point where you start to pitch the rest of the awning (instructions shown later).
- Once the awning is pitched you adjust the tunnel.
- Finally you adjust the tunnel as best you can. The tunnel is adjustable, but as the material can only be cut once it only truly fits at one height (which is set to the maximum), all other heights are a compromise and will require adjusting the tunnel. You can make the adjustment anyway you wish, but we recommend using the method below.
- Extend the webbing strap you un-clipped earlier to its full length.
- Then clip the webbing strap to the top of the awning and then adjust the webbing strap. Once this is done the material at the top of the tunnel should become 'ruffled' so it resides in the area above the side door. If your van is near the lowest setting (180 cm) then you may find that it does not all go above the top of the door. It should look like the photo to the right.



TIP : If you are towards the very lowest end of the tunnel connection height you can peg the tunnel out at an angle. This will take some of the extra material up and help get a better connection. We recommend trying the above first and then if you find you have to, then move the rear pegging point out to angle the tunnel.



Pitching

How to pitch your falcon air drive away awning

Pitching: How to erect your awning.

- **Guideline :** This instruction is a guideline on how to erect your awning. With time and experience you may find your own way to erect your awning, but whatever way you erect your awning, you should always ensure that the fabric is tight, use all pegging points and storm straps and you have enough water run off to ensure no issues occur during use.
- **Step 1 : Preparation**
First remove the awning from the bag and separate the awning from the pump and peg(s). Place the awning on the floor next to your vehicle, ensuring that it is not twisted and caught up in the storm straps as this can make it more difficult to pitch the awning.
- **Step 2 : Connect the tunnel**
The first step is to connect the tunnel to your vehicle. There are different methods of connecting the tunnel to your vehicle, all of which are explained previously. Once you have connected the tunnel to your vehicle you can then continue with pitching your awning.
- **Step 3 : The air beams**
Next screw the valve into the rear main beam (air inflation position shown overleaf) and then inflate the air beam using the pump provided. The pump has a dump valve on it to ensure you do not over inflate the awning. Simply inflate the main beam until the air comes out of the dump valve rather than into the awning, at which point you will hear a difference as the air will come out of the dump valve when you depress the pump. Repeat for the front main beam. Once you have done both the main beams, inflate the roof storm beams and place this inbetween the two main beams and this will help the awning keep its shape whilst you continue to pitch it.
- **Step 4 : Adjust the tunnel**
Now your awning is connected to your vehicle and inflated, you need to adjust the tunnel. The first stage is to peg the rear points first to ensure the tunnel does not move during adjustment. These are pegged just underneath the vehicle. Once pegged move the awning away from your vehicle until the roof or side panel go tight. You are now ready to adjust the tunnel. Instructions on how to adjust to do this are shown previously.
- **Step 5 : Pegging**
The rear points are already pegged, so now move to the front corners, pulling the awning tight as you go around. Repeat this for all of the pegging points around the awning. Once all the pegging points have been done, you should then peg the storm straps. Always peg the storm straps even in good weather as the weather can change at any time and failure to peg all points and the storm straps may lead to the awning failing.



Pitching

How to pitch your falcon air drive away awning

Pitching: How to erect your awning.... continued

- **Step 7 : Optional Extras (purchased seperatley) :** Canopy Pole Kit

You can use the front panel as a sun canopy by purchasing the optional canopy pole kit. If you have purchased this, to use it simply unzip the front panel and take one of the canopy poles. The long spike at the top of the pole goes though the eyelet located at the bottom of the panel. You then tie one of the guy lines on the spike. This holds the canvas in place and allows you to peg the guy line in place, which holds the pole in place. Repeat with the second pole and you will end up with the front panel extended out as a canopy.

Maintenance

How to maintain your falcon air drive away awning.

Maintenance: How to keep your awning in tip top condition.

- **Ongoing maintenance - tube twist :** When you get your awning all the tubes should be correct positioned without any twisted tubes or bladders. They are held in position with velcro, straps and a sleeve, but due to the nature of air tubes they do move. They can move when in use, when being inflated or deflated, when they are being dragged though the awning channel during pitching, or even more during transit. This is unavoidable and can happen at any time. Whilst this should not affect the performance or running of the awning, it can sometimes cause your awning to look looser than it should. When this happens it can affect the tautness of the roof. Whilst this may not affect the performance of the awning, you should always be aware of the tubes especially if they are twisted. Tubes can be untwisted by yourself at any time and should be done whenever you notice that they are twisted.
- **Ongoing maintenance - valve movement :** Due to the nature of valves and air pressure any of the valves can become loose over time and should be checked each time you use your awning. If this is not done and a valve has worked loose your awning may deflate over time.
- **Suitability :** This is a lightweight touring awning and should never be used as a long term or seasonal pitch awning. To ensure no issues it should also be taken down in adverse weather conditions, especially in strong winds or snow fall.
- **Condensation :** Your awning will suffer from condensation. The amount of condensation will differ depending upon ground conditions, the weather and how the awning is pegged. We recommend using the ventilation doors whenever possible as this will lessen the amount of condensation you get.
- **Fading :** Your awning is coated against the sun's harmful rays, but this will degrade over time and only delays the effect. Fading will affect the colour of your awning, but not its performance and is not covered under your warranty as it is a natural process with any synthetic material used outdoors.
- **Weathering and Seams :** The main seams on this awning have been taped to help prevent water ingress. Some seams (such as the seams on the webbing material by the awning channel) cannot be as effectively taped and may need weathering. Weathering is the process where the awning gets wet and the cotton thread used in the manufacturing expands to fill the gap caused when the product is sewn. When the cotton dries it shrinks back, but never fully. This process then ensures that the cotton thread fills the gap and seals against water ingress. Sometimes this process is not completed the first time and needs to be done a few times, depending upon your expectations you may find it necessary or quicker to treat the seams with seam sealant. Also over time the seams may become damaged or have peeled away during normal wear and tear then these should also be treated with seam sealant to give extra protection and help water ingress.



Maintenance

How to maintain your falcon air drive away awning.

Maintenance: How to keep your awning in tip top condition..... continued

- **U.V. Coating** : Your Falcon porch awning has a U.V. coating on it which helps protect it against the harmful suns rays, but this coating will degrade over time. This time will differ depending upon the weather and how often you use the awning. We always recommend re-coating your awning each year as this can add years of extra life to your awning. If you do re-coat your awning we recommend cleaning it first with a dedicated awning cleaner and then re-coating it immediately after it has dried, again with a dedicated re-proofing solution.
- **Drying** : You should never pack away a wet awning. if you pack away your awning wet it can lead to mould growth and this can damage your awning. If you do have to pack away the awning wet, once back home you should immediately remove the awning from its bag and dry both the awning and the bag before re-packing it away. Also ensure that the adjustable pole is taken apart and dried separately as if water is left inside the pole this can cause damage.
- **Cleaning** : You should always keep your awning clean as dirt, water and mud can lean to mould growth and damage the awning, the coating, or both. We recommend firstly brush off any loose dirt with a soft brush and then clean your awning with warm soapy water, without using any chemicals or solutions. If you have more stubborn stains or dirt then use a dedicated awning cleaner, but remember if you use a dedicated awning cleaner you should also re-proof it afterwards as the act of cleaning can damage the coating that has been applied to your awning.

Warranty

Your falcon awing warranty details.

Warranty Claim

- In the unlikely event of a warranty claim, you must contact your retailer.
- Take the product to your retailer that you purchased it from along with your proof of purchase and explain the issue with the retailer.
- You will be required to fill out a warranty form at the retailers once you have been though the issue with the retailer.
- The retailer will then check the product and get in touch with the wholesaler or manufacturer.
- The retailer will keep you informed of the progress of the claim.

The wholesaler or manufacturer will not (unless under special circumstances) get in touch with you as all information will be passed back directly to the retailer.

Warranty Information

- This product comes with a full 12 month manufacturers defect warranty and covers any manufacturers defects for one (1) year from the date of the original purchase. It does not cover any damage occurred though:
 - The product falling or being dropped.
 - The product has been technically changed by the owner or another third party
 - Improper use of the product and normal wear and tear, which includes fading and degradation of seams.
- The affected part will be replaced or repaired (manufacturers option) if they are found to be defective within the one (1) year time frame.
- The warranty will be void if the product has been subject to neglect, misuse, improper installation, misapplication, alteration or accident including, but not limited to, improper installation, maintenance or use of unauthorised parts or attachments.
- Damage caused by not following the instruction manual in full will invalidate the warranty, if this results in consequential damages, Quest will not be liable for these damages or any costs incurred due to these damages.
- Quest will not be liable for material damage or personal injury caused by improper use or if the safety instructions are not properly executed in full.
- All claims must be made though the retailer you purchased the product from and not direct with the wholesaler or manufacturer.
- Warranty claims cannot be honoured without an original dated receipt and or proof of purchase.
- By executing repairs the original warranty period of (1) one year will not be extended, nor the right to a complied new warranty. This warranty is only legal on European soil. This warranty does not overrule the European directive 2011/83/EU.
- This product may not be amended or changed.



Your Name		Your Email	
Address			
Model	• Falcon 300 (low top) • Falcon 300 (high top) • (Delete as appropriate)		
Frame	Minimal quick fit	Batch Number	(found on sewn in label inside the awning)
Purchase Date			
Retailer Name and address			
Additional info			



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