



User Manual

Polygon Awning HRTAWPO

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Thank you very much for buying a horntools® polygon awning. We and countless satisfied customers world-wide believe that you have exercised excellent judgement in your selection. Our products have been designed to give you many years of comfort and reliability during your adventures. The horntools® team tries the outmost to meet the highest expectations by designing and crafting highly functional, flexible and durable products that withstand and support your active lifestyle. Successful operation and long product life depends on proper maintenance and correct operating techniques. We recommend that you carefully read this entire manual before installing and operating the awning or accessories. Keep this manual handy for future reference.

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Delivery content

Before you start to fix your awning to your car take a minute and organise all parts provided.

Included in delivery:

- Pre-assembled awning
- 2XL-shaped mounting brackets
- 8XM6 bolts and nuts (depending on awning model)
- 8x Ropes and 8X8MM Pegs & 12X5MM Pegs

Awning installation

Step by step mounting:

Your horntools® awning comes pre-assembled but needs some easy to handle final steps before it is ready to be mounted to your car.

Hint:

There are basically four ways how to fix the mounting brackets to your car.

With the use of a horntools® Roof Tent you simply slide them into the existing tent rails. Alternatively, you need to fix the brackets directly to your roof rack by either drilling holes, make use of your racks mounting tracks or fix them directly to your basket without any L-brackets.

The position of the mounting brackets has an effect on the height of your awning:

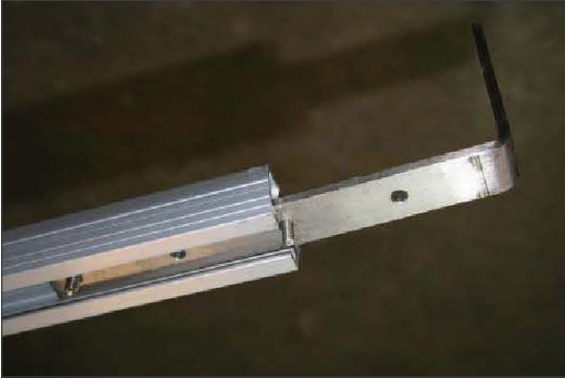


You can adjust the height by installing the brackets facing up or downwards.

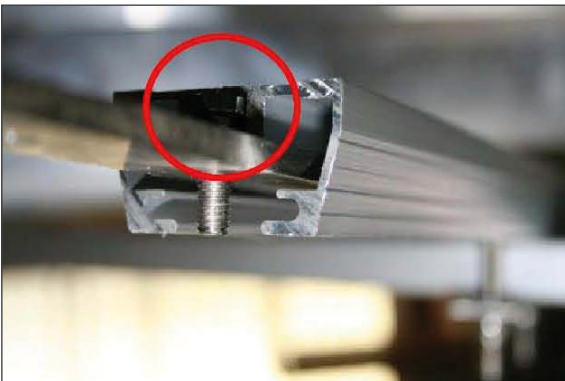


Please make sure downwards facing brackets are not in the way of your side doors.

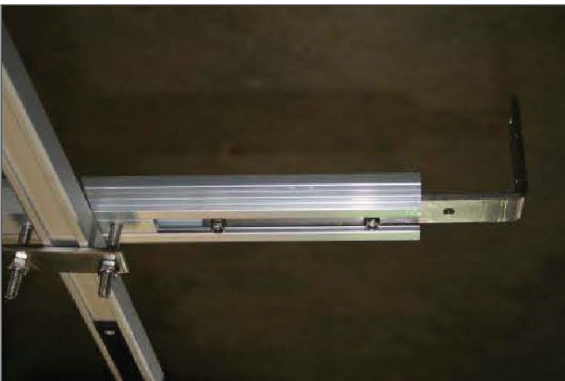
Fix awning mounting brackets to horntools® roof tent rails:



Place the L-shaped bracket on top of your rack.



Make sure all L-shaped brackets are aligned and have the desired distance to your car before you mark the drilling holes on your rack.



Drill at least 2 holes for each L-shaped bracket. We highly recommend to take the racks off your car for this procedure.



Fix the L-shaped bracket to your rack by using M6 bolts at the necessary length and tensile strength.



Fix awning mounting brackets to roof racks without mounting tracks:



Place the L-shaped bracket on top of your rack.



Make sure all L-shaped brackets are aligned and have the desired distance to your car before you mark the drilling holes on your rack.



Drill at least 2 holes for each L-shaped bracket. We highly recommend to take the racks off your car for this procedure.

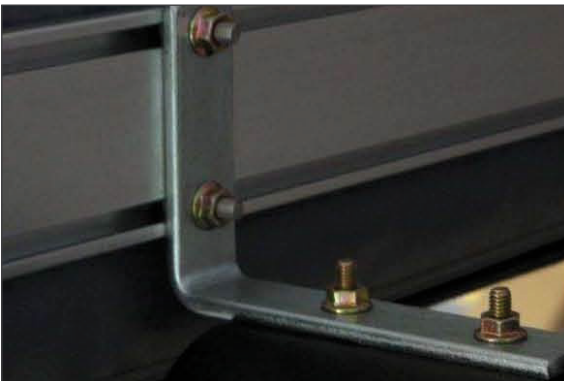


Fix the L-shaped bracket to your rack by using M6 bolts at the necessary length and tensile strength.

Fix awning mounting brackets to roof racks with mounting tracks:

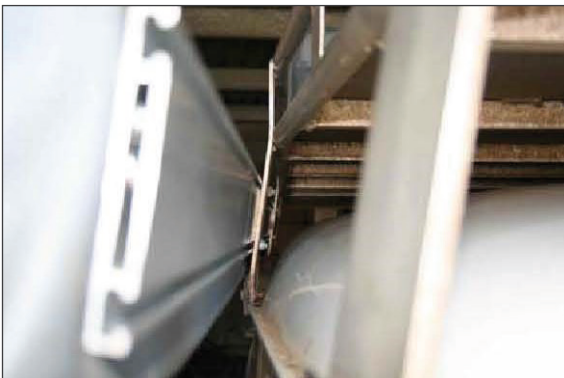


Many roof racks have a mounting track system that allows to use sliding bolts to fix the L-shaped brackets.



Make sure the sliding bolts have necessary size(M6) to fit the mounting brackets. Position the brackets on top of the rack and fix them with washer, split ring and nut.

Fix awning directly to a roof basket:



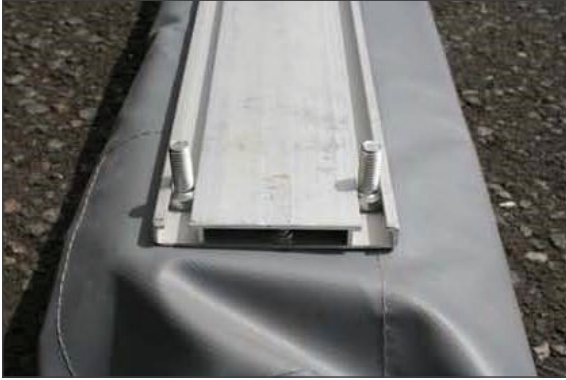
You can fix the awning on a vertical surface by simply drilling 4 holes with the disired distance and use the sliding bolts to fix the awning directly to your car/basket. Check the intergrity of the surface you plan to mount the awning to first.

IMPORTANT:

We recommend that the awning has no neither side no more than 50cm overhang to avoid any kind of wobble during driving. It may be necessary to use 3 mounting brackets for long awnings and/or heavy off-road use. Prepare and choose your roof rack accordingly.



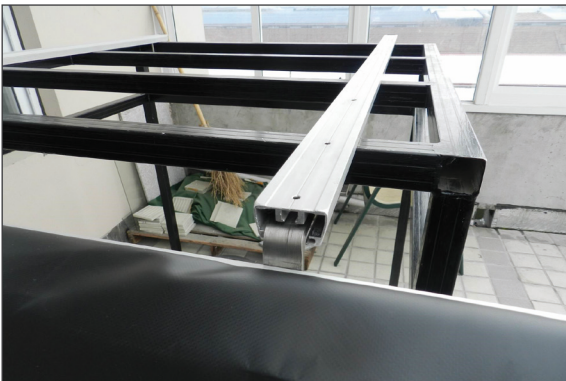
Fix the awning to the mounting brackets:



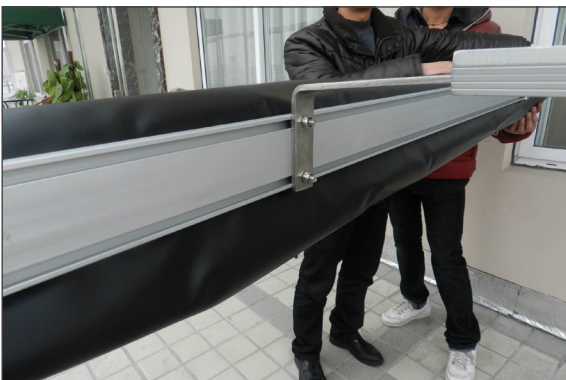
Now that the brackets are in place, you need to put the remaining 4 M6 bolts into the groove of the backside of the awning.



Space the bolts to the distance of your mounting brackets on the car.



Make sure the awning is the right way around. Use two persons to lift it in place and fix the bolts at the back of the mounting plate to the mounting brackets.



Fix the awning to the mounting brackets with M6 bolts.

IMPORTANT:

Tighten all the nuts and make sure your awning is securely fixed. It is mandatory to check the awning before, during and after each trip that is securely.



Awning operation

Our horntools® awning are designed to provide reliable shelter in an instant, be it for a quick roadside rest or to pitch camp at a remote location for the long term.

IMPORTANT:

All our products are manufactured to the highest standards and precision. They do not require any form of force during the process of opening or closing of your awning. In case you face a problem, please check for obstacles, fouling, foreign objects or too much tension first.

Step by step mounting:



Choose an appropriate place to park your car. Make sure the surface is flat. Secure your car by keeping it in first gear or parking and put on the hand brake.



Open the travel cover and release the straps.

Hint:

We recommend two persons to open and close the awning. One person should hold the awning in place whilst the other one is installing the frame work.



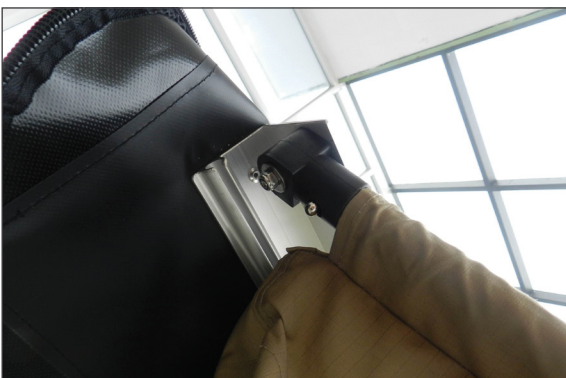
Unfold the awning slowly and stop in first triangle unfolded completely, meanwhile hold the other part of the awning.



All longitudinal poles are hinged and rotated. All transverse poles and vertical poles are separated.

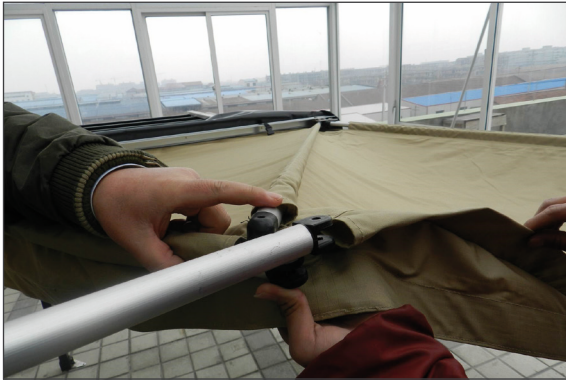


Feed the transverse pole into the sleeve till the other head outcrop.

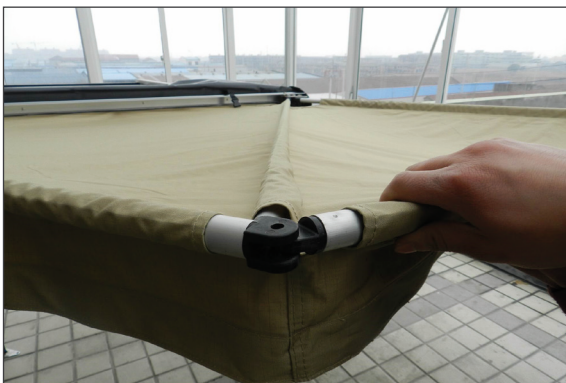


Insert the bar into the plastic hinge. Let the pull-push pin into the hinge bottom hole.

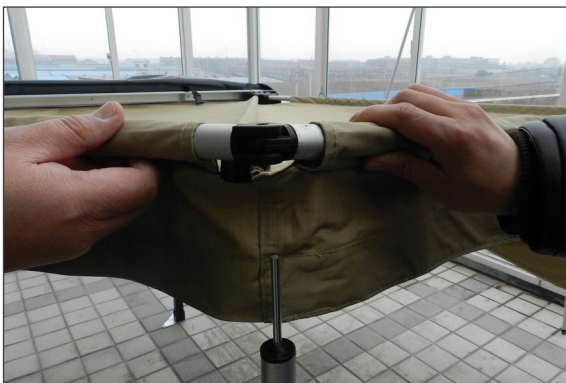




Unfold the second triangle. Feed the second transverse pole into the opposite sleeve till the other head outcrop.



Insert the bar plastic joint into the neighbor bar plastic joint.



Aim at all longitudinal pole and transverse poles holes. It need force to tighten the fabric.



Insert top steel pin of vertical pole into the above-mentioned three holes.





Unfolded completely as left illustration.
Leg poles are telescopic. you can adjust the height freely.



Fix the wind-resistant rope to the ground with 8mm pegs.

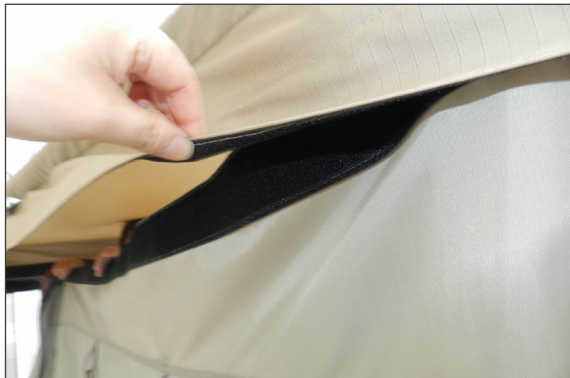


Fix the wind-resistant rope to the ground with 8mm pegs.



Have a seat, get a cold drink and relax.
(unfortunately the cold drink and folding chair are not included in delivery)

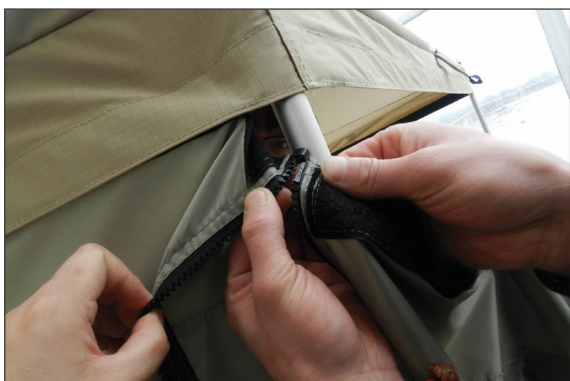
horntools® tent room:



If you bought the awning wall. There are total 6 pcs and same completely. Up of wall sewn with vecro and two sides sewn with zippers.



Fix the awning wall and awning with velcro. Paste wall and awning together .



Zip the other side wall of the awning to zip down you installed at the very beginning.





The rest walls assembly is the same way as above-mentioned. Fix walls to the vertical poles of the awning with the inside clip connectors.



Peg the awning wall floor securely to the ground with 5mm pegs. There are two eyelets on each wall bottom.



Accessories. The thinner pegs(5mm) are used on awning walls only.

Storage and handling guidelines

What to do with my awning/tent in between trips?

If you are not using your awning/tent for a long period, it is advised to remove it from the vehicle. Always ensure that the awning/tent is completely dry if it is stored for longer period.

Do not store the awning/tent wet. As soon as you can, within a few days, open the awning/tent and let it dry out thoroughly to prevent moisture damage.

Can I pack the awning/tent together when it is wet?

You can pack the awning/tent together when wet and reopen it several hours later. If you do so, make sure it dries completely when reopened. We advise that you should always ensure that the awning/tent is dry if it is packed up for longer periods of time to prevent mould. Although our material is mould resistance, it still might develop mould if stored wet for extended period.

Do I need to reseal the canvas?

This will very much depend on how much you use the product. We have customers that have travelled for months on end, using the awning/tent every day and they still find that it is as waterproof as on the day they bought it. However, it is good idea to reseal if it is in frequent use. Only utilise quality protective agent from your local camping/outdoor shop or run a block of beeswax around the seams to revitalise the protection.

How should I take care of my horntools® awning/tent?

Clean with cold water only. A brush can be used if required. Do not use chemicals, soap or detergents. Using a silicon spray on all zips from time to time will extend their life. It is recommended to thoroughly wet the canvas and allow to dry before first useage. Repeat up to three times to ensure sealing of the material.

Mildew:

To avoid mildew, never put your awning/tent away wet or damp. However, if mildew occurs, use a soft bristle brush or sponge to clean. Let the tent dry in the sunlight and reapply seam sealer compound on the inside of the seams.

Repair a tear:

For small tears, use a self adhesive patch kit. We recommend a canvas or awning repairer for larger tears.



Removing pegs

Pegs should be pulled with another peg, hammer or a peg puller, never by pulling on the tent. Avoid pegging your tent so tight that it stresses the fabric. Overstretching may cause peg loops and fabric to tear.

Floor condensation

A ground sheet underneath the tent prevents the floor from feeling damp and helps prolong its life. The ground sheet should be smaller than the tent's floor to prevent rain from running under the tent.

Fading fabric:

Do not leave your tent set up in direct sunlight for prolonged periods of time as this weakens and fades the fabric.

Faulty zipper

All our tents are manufactured with highest quality zips. However, dust and sand are the main reasons for zip tear and wear. If the zipper tape and reworking the zipper. If separation continue undo the zip, give the slider a slight squeeze with pliers and rework the zipper.

Important and helpful hints

Speed limit.

To avoid damage to your awning/tent or car and considering general safety, we do not recommend to exceed a speed limit of 100km/h.

Center of gravity.

The attachment of a awning/tent to your vehicle (similar to any other load on your roof rack) will alter its center of gravity. Adjust your driving accordingly, especially off-road and on deep surfaces like sand or snow.

Overall height.

Be aware that with awning/tent fitted to your vehicle the overall height could be increased. You should measure the overall height of your vehicle with the roof top tent fitted as you will need this information to decide if the vehicle can enter car park etc.



How to set the awning/tent up in different environment conditions?

In windy conditions it is advised to find a location with less exposure. Always use your car to shield the awning/tent and peg it securely to the ground. Also, don't forget to be mindful of trees in such conditions. Just in case a branch falls.

During rain, make sure your lower one leg of the awning to assist water drainage. Otherwise water will pool within the awning and damage the frame.

Camp safe-safety habits

The fabric may burn if left in continuous contact with a flame from any source. Also, the application of any foreign substance to the tent fabric may render the flame resistant properties ineffective.

To prevent injury caused by gas poisoning or suffocation

- Do not use fuel burning, oxygen consuming devices inside. This includes candles, gas lanterns, kerosene lamps, stoves, cooking and heating appliances
- Do not use gas appliance of any kind inside.

To prevent injury caused by fire

- Do not pitch the awning use fuel burning, oxygen consuming devices inside. This includes candles, gas lanterns, kerosene lamps, stoves, cooking and heating appliances
- Do not use gas appliance of any kind inside.

To prevent injury caused by electricity

- Always exercise care when using electricity and electric lighting in and near awning/tent
- Only use 12 volt lighting.

To prevent injury caused by your camping environment

- Do not pitch your awning/tent on an area that could get flooded
- Do not leave your awning/tent erected in strong winds-collapse it and seek refuge in your vehicle.
- Do not pitch your awning/tent near cliffs in case of collapse or rock fall
- Do not pitch your awning/tent under trees with dead branches or under trees known to drop branches.
- Do not pitch your awning/tent near rivers, lakes or the sea known to inhabitant crocodiles.

Understanding your tent and awning.

- This product is designed as a temporary structure; it is not designed to be a permanent structure or dwelling.
- Intermittent use only. Although our fabrics are treated for extra UV resistance, continuous exposure to sunlight will break the fabric down. Fading of color is an early warning sign. These tents and awning are not designed as permanent dwelling or structures.
- Do not leave this product unattended if bad weather is expected. If assembly instructions are followed correctly, this product will withstand winds and rain. In gusty winds and storm you must collapse the awning/tent.
- During rain always lower one leg to avoid water pooling on awnings.
- Never store a wet and/or soiled awning/tent, as mildew and corrosion is likely to form. This condition is not covered by warranty. Always allow tent and awning to dry completely before packing and stowing.

- During strong winds and storm collapse the awning/tent and seek refuge in your vehicle. Damage caused by storms is not covered by warranty.
- We recommend that you discuss adding this investment to your household insurance policy with your insurance agent.

IMPORTANT:

This product is to be assembled once before going camping to ensure that all parts are present and to become familiar with the assembly of the awning/tent

Understand how your tents and awnings keeps waterproof:

horntools® uses waterproof and water repellent fabrics. However, with the addition of seams, zips and other desirable features a awning/tent will not be as waterproof as a car, house or other solid structures. The following are common examples of how water can enter a tent:

Condensation:

When warm moist air meets cooler air, clouds (condensation) occurs. A tent fly is an impermeable layer between the warm moist air inside the tent and cooler air outside the tent. The warm moist air condenses on the side surface of the fly. Condensation can be reduced if the tent is well ventilated.

Seams:

All horntools® tents are manufactured by experts and all seams are treated and/or factory tape sealed. However, seams could leak over time by overstressed webbing lines or wear and tear. If leakage at these points becomes a problem, simply use recommended seam sealant or bee wax.

Zips:

All care is taken in the design to cover zips with rain flaps. All times wind driven rain could force water through the zips. To minimise this, make sure all doors are closed correctly and that the flaps cover the zips.

Rain flaps:

All horntools® awning/tents use rain-flaps to provide a second layer of protection to especially vulnerable points like zips and floor seams. Please make sure all rain flaps are used correctly and cover zips and seams. Make sure all flaps are supporting rain water to flow off the tent. Wrong directed flaps act a gutter and have the opposite effect.

Structural integrity

A perfectly pitched awning/tent on a flat ground is structurally strong and waterproof. During prolonged wind and rain it may be necessary to tighten guy lines and reset tent pegs to prevent the fly from sagging or flapping and attend to drainage around the perimeter of the awning/tent. Sagging and incorrect pitching weakens the awning/tent structure and could allow water to pool placing undue forces on the tent causing leaking and breakages.



Warranty and contact details

All new products purchased directly from horntools® are covered by a 12 months warranty, which covers all parts and labour. Some products come with a longer warranty period; see specifications of a particular product for details. If your product develops a fault due to normal use we will repair the item with replacement parts as required. For defects that can be fixed by the layman, we may elect at our discretion to just provide the parts. Approval to return an item under warranty must be granted before an item is returned. We may require the claimant to email photos depicting the fault for claim assessment. Claims for labour cost incurred by the claimant for removal, refit or installation will not be entered into. Freight cost for the return of the product or to replace the product is the responsibility of the claimant.

This warranty does not cover damage caused by neglect, modification, misuse or wrongful installation of the product. Cosmetical defects and wear and tear are also excluded from warranty. At our discretion we may elect that instead of repairing the product or providing replacement parts, to either replace the original product with one of the same or a similar type or refund the sum equal to the original product purchase price (excluding the cost of postage and handling). All goods returned to Gordigear must be sent via a traceable mail or courier service.

We do not accept responsibility for secondary damages relating to the failure of the product or injury to any person(s) or possessions. We will not be liable for commercial loss due to product failure. Although every effort has been made to ensure that supplied information in printed, digital and other form is correct, we must disclaim responsibility for claims based on misinformation. Generally speaking, if your horntools® product develops a fault, please get in contact with us. We will do our best to help you.

All our shipments are transit insured. Should your delivery arrive in a damaged condition, please do not accept the shipment, advise the courier thereof and get in contact with us immediately. Transit insurance cannot be claimed for accepted deliveries.

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