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# OWNERS MANUAL

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## Tent Orientation on Your Vehicle

Before you fit your new roof tent to your vehicle, you will need to decide whether you wish to have the roof tent open to the back or to the side of your vehicle. The addition of a shower/sitting enclosure will place it behind or beside the truck depending on the orientation of the opened tent.

Once you have decided which is best suited to your application, follow the mounting instructions. If you are uncertain of the most appropriate method of mounting your roof tent, please contact us and we will be happy to provide advice particular to your circumstances.

### A. Off the Back

For most larger-size vehicles opening “off the back” is preferable. The advantages of this orientation are:

- Leaves extra roof space for additional storage
- With the tent open you will gain weather protection from the tent about your head when accessing the back of your vehicle.

OR

### B. Off the Side

For most medium or small vehicles opening “off the side” is preferable. The advantages of this orientation are:

- Allows for lift-gates to operate normally
- Means the closed tent pack is better balanced on the roof and creates less wind drag.

## Mounting Extrusion -Attachment Instructions

1. Remove mounting extrusion from the carton and cut as per diagram 1 if you intend opening the roof tent off the rear of your vehicle.
2. Place the tent on its side on the ground onto a clean surface.

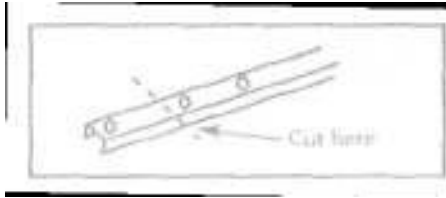
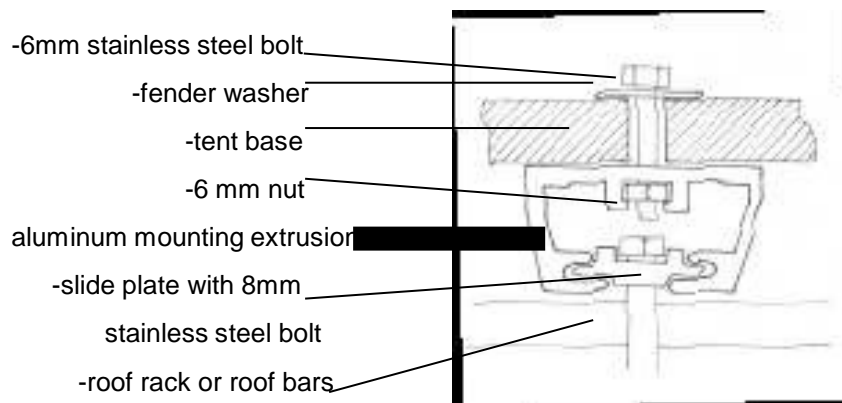


diagram 1

3. Using the four supplied 6mm bolts and 6mm fender washers, slide your hand in between the inside of the case and mattress and insert the bolts into the predrilled holes. See diagram 2.



4. Place the mounting extrusion into position over the bolts.
5. Slide the 6mm nuts into the mounting extrusions and tighten the bolts firmly from inside the tent.
6. Mount the ladder to the base of the tent using four 6mm bolts. Bolt each ladder bracket to the base of the tent through the predrilled holes. See figure 1.

figure 1



## Fitting the roof tent to your roof rack or roof bars

1. Lift the tent onto the vehicle
2. Place 8mm bolt into the slide plate. Slide the plate and bolt into the mounting extrusion. See Figure 2.
3. Attach the roof tent to your roof rack or roof bars in four places as per Figure 3. Use 2 bolts and 2 slide plates with the base plate to hang the bar. 1 set per corner.

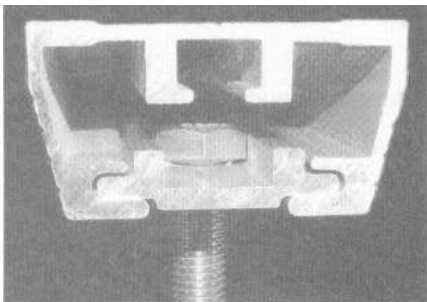


Figure 2

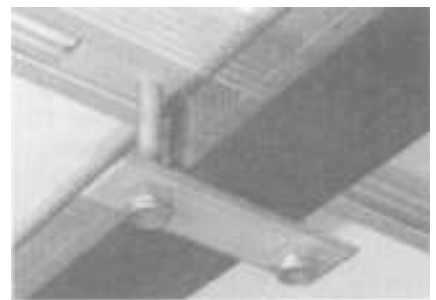


Figure 3

4. Prior to tightening all the nuts, ensure that your roof tent is centered (side to side) on the roof of your vehicle and that the mounting points (as far as possible) are symmetrically positioned near each corner of the tent.

## Set up instruction

1. Remove the travel cover from the tent by unzipping around the 3 edges and slide the remaining edge from the rope track. Stow the cover.
2. Release the hold down Velcro straps on each side of the tent.
3. Slide out the ladder until the locking pins engage. The ladder can now be used as a lever to open the tent.



4. Rest the ladder on the ground, and enter the tent. Note: if the angle of the ladder is too upright you will require the optional ladder extension.

5. Retrieve the sprung steel rods (SSR), there are then positioned to tension the outside window awnings and flysheet/window awning. Insert the other end of the SSR into the hole in the base of the roof tent, passing through the eyelet in the roof tent skirt. This will require you to bend the SSR so that the angle of the SSR is equal to the angle of the hole into which it should be inserted.



Repeat all the above steps in the reverse order to pack away your roof tent.

#### Ladder Extension Accessory

A ladder extension may be required depending on the height of your vehicle (in most cases where the base of roof tent is more than 2m off the ground).

If required, slide ladder extension into the base of the main ladder. Position ladder and extension to an appropriate climbing angle. Drill two 8 mm holes into the main ladder to accept the two locking pins from the ladder extension.

Note: The overlap of the ladder extension to the main ladder must not be less than 9.5" (240mm).

Ladder extension is stored separately in it's own bag.

## Storage & handling guidelines

### Cautions:

- Do not pull down on side retaining Velcro straps when closing the tent. These straps are designed to hold the tent base together, and are not designed to be used to pull the bases together. When you are closing the tent, hold down the top folded base to compact the tent, then use the Velcro straps to secure the bases in this position. These straps will tear out of the tent if excessive force is applied to the strap.
- Do not store the tent wet. If you do have to pack away when the tent is wet, zip closed all canvas doors and windows to protect the inside of the tent, and pack away. As soon as you can, within a few days, open the tent and let it dry out thoroughly to prevent moisture damage. Open up the tent occasionally to let it vent out, and store the mattress in a dry area during extended periods of wet weather.

Note: If the tent is to be closed up for extended periods of time it is very important that the tent and mattress is completely dry.

- Do not drill locking holes below the existing locking pin holes in the ladder. This will weaken the structure of the ladder and can cause injury. If you need to extend the length of ladder, please purchase a ladder extension. If you need to shorten the ladder you can drill the holes above the existing ladder locking pin holes.
- Be aware that with a roof tent fitted to your vehicle the overall height is increased. You should measure the overall height of your vehicle with the roof tent fitted as you will need this information to decide if the vehicle can enter car parks etc.
- Centre of gravity. The attachment of a roof tent to your vehicle (similar to any other load on your roof rack) will alter its center of gravity. Adjust your driving accordingly.
- In trip inspections. Regularly check that all nuts and bolts attaching your roof tent to the roof of your vehicle are tight and in good repair.



## Storage of the tent

1. If storing the tent off the vehicle, ensure the tent is packed away completely dry.
2. Be careful not to drag the tent on the ground. This will damage the cover and allow potential water ingress the next time you use your roof tent.
3. Do not store directly on concrete.

## Warranty:

12 Month Limited Warranty from the date of purchase.

TUFFSTUFF will repair or replace any part of the product IF:

- The TUFFSTUFF Tent must be 100% used as instructed in the owners manual.
- The fault if found to be caused by defective or fault material, workmanship or manufacturing process.
- Original proof of purchase is required.
- NOTE: the warranty DOES NOT cover Shipping costs.
- Warranty is for the Original purchaser only – this warranty is NOT transferable.

