

ZERODECLINATION

Drop Tent



Introduction:

Congratulations on your purchase of a brand new, Zero Declination Drop Tent! The drop tent is intended to give you privacy when and where you need it. It conveniently mounts to your vehicle and offers quick and easy deployment and stowage. Properly installed and cared for, your drop tent will offer years and years of service; letting you get outside and get naked!

Installation

(Roof Rack)

Your Drop tent is supplied with brackets and hardware necessary for installation onto most common roof rack designs.

The rear of the housing includes two T-slots. These slots allow for the secure installation of the included hex-headed, M6 bolts.

Slide two M6 bolts into the upper rail, and two more into the lower rail. These bolts should be as close to the attachment points of the horizontal curtain supports as possible, to provide as much rigidity to the assembly as possible.

(Camper)

The following instructions are specifically for mounting to a late model Four Wheel Camper brand pop up camper with the Four Wheel Camper supplemental mounting hardware.

The supplemental hardware includes:

- (3) M8 x 20mm Barrel Nuts
- (3) M8 x 30mm Hex Bolts
- (3) 3/8" x 1.25" Fender Washers

For installation on a Four Wheel Camper you'll need the following tools:

- Power drill and 3/8" drill bit
- 5mm Hex Driver
- Tape Measure

Additionally, the following supplies are recommended:

- Approx 100" of 3/4" Butyl Tape
 - https://www.amazon.com/Dicor-BT-1834-1-Butyl-Seal-Tape/dp/B001FCB4JS/ref=sr_1_4?keywords=butyl+tape&qid=1578938873&sr=8-4

Installation instructions:

1. Measure two points, approx. 35" apart and approx. 2.5" down from the roofline of your camper, in the location you wish to mount your drop tent.
2. Measure 4-1/8" down from the roofline (or 1-5/8" down from the horizontal line between the first marks), and directly between the two upper points. The two upper points will be the mounting holes for your two upper bolts, the lower point for your third, lower mounting bolt. The three points should form a shallow, inverted triangle.
3. Check your measurements and carefully drill the holes through your camper wall.
4. Slide two M8 x 30mm hex bolts into the upper mounting slot on the drop tent, one on each end 35" apart and evenly spaced from the ends.
5. Slide the third M8 x 30mm hex bolt into the lower mounting slot and center it along the rail.

6. Apply two strips of butyl tape along the upper and lower rails of the tent, forming it around each bolt to provide a water tight seal and holding the bolts in place during installation.
7. With a partner, lift the drop tent and install the bolts into the holes previously drilled into the camper wall. Have your assistant insert each barrel nut through a fender washer and then into the holes from inside the camper and onto the ends of the hex bolts. Tighten until snug with the 5mm hex driver.
8. Allow 24 hrs for the butyl tape to settle and tighten each barrel nut again, to ensure the closest fit to the wall of the camper.



Usage

(Deployment)

1. On a flat surface clear of sharp debris, un-zip the vinyl storage bag and release the two retaining strap clips. Your drop tent will “drop” directly down along the side of your vehicle.
2. Release the remaining two strap clips, and gently fold out the support arms, top first, until the tent forms four straight walls and the arms lock into place.
3. Adjust the curtain suspension straps to a height approx. at ground level.
4. Stake each corner through the stake loops and into the ground with the four included small tent stakes.



(Stowage)

1. Remove stakes and stow safely in the included accessory bag inside your vehicle.
2. Retract the adjustable curtain suspension straps back up, to within 3-5 inches of the support arms. This aids in preventing strap tangling during roll-up.
3. Depress release levers on locking hinges and fold support arms into mounting body, lower arm first.
4. Ensure all four walls are lying flat on one-another and gently roll them up, into the storage bag. Retain them with the retention straps.
5. Zip up the storage bag, taking care not to catch any loose fabric in the zipper mechanism.

Tips

1. Ensure the fabric is dry before storing to prevent moisture build-up within the storage bag
2. Your Zero Declination Drop Tent can withstand gentle breezes and moderate wind (with stakes). Please take advantage of the quick stowage time and store your tent safely rolled inside its vinyl case in windy conditions or otherwise inclement weather.