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**Hardshell Overland Tent  
Part # 2983**



**For Technical Support/Warranty Information please call 310-762-9944**

**Smittybilt, 400 West Artesia Blvd, Compton, CA 90220**



**Hardshell Overland Tent  
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**Periodically check torque  
of all hardware.**

**Note:** Actual pictures may vary from specific vehicle/ product.

<b>Parts list:</b>	<b>Qty</b>
Window rod short	4
Window rod long	4
M8 carriage bolt	8
M8 flat washer	8
M8 nylock nut	8
Shoe bag	1
Ladder	1
Mounting strap	4
Lantern kit	1



**Periodically check torque  
of all hardware.**

The Smittybilt Overlander Tents are designed to mount easily on most roof rack systems or on an aftermarket rack/crossbar system. Generally, most OE roof racks will have a capacity of 150-200 lbs while vehicle is in motion(dynamic rating). However, when the vehicle is parked and you are utilizing your Smittybilt Overlander Tent you are applying a static load which is easier to support and most rack systems can generally handle this static load with ease. **Always check with the manufacturer of your vehicle and your roof rack system to determine the applicable weight limitations as they vary from vehicle to vehicle.** Not all factory roof racks or aftermarket racks can adequately and safely accommodate a roof top tent. Rack not only has to have the proper weight capacity for downward loads, but it must properly support upward and shock loads.

If you need a roof rack system or more carrying capacity you may check with your local supplier for Smittybilt, Thule, Yakima, or a variety of aftermarket racks to suit your needs.

Check local and state laws regarding roof mounted load capacities. Many states have a limit of 165lbs while vehicle is in motion, and therefore most vehicle manufactures will built their roof racks to meet that limit.

**Tent must be supported by a minimum of 3 cross bars to evenly distribute the load. Tent will clamp to the front and rear crossbar to hold position. The center cross bar must support the load in the center of the tent, no clamps needed.**

Read instruction manual entirely before assembling and installing this product.  
Product may vary from image.



## Hardshell Overland Tent Part # 2983

### Mounting Tent to cross bars Periodically check torque of all hardware.

**Step 1.** Install the square head carriage bolts into the access holes on the tent base. Do this for both sides of the tent base, 4 bolts will be used per side. Position bolts so there is one bolt on each side of the cross bar that it will be mounted to. Fig 1.

**Step 2.** Secure to cross bar using the mounting strap by placing it under the crossbar and secure using flat washers and nylock nuts. Tighten hardware evenly, do not over tighten. Fig 2.

**Step 3.** Periodically check torque of mounting hardware. Hardware will slightly loosen over the first few hundred mile as the tent base conforms to the crossbars.

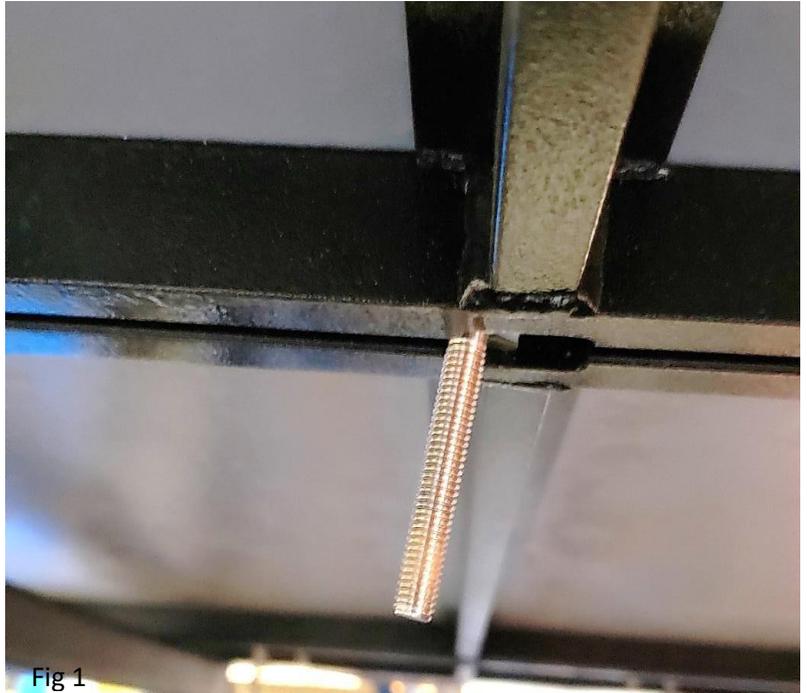


Fig 1

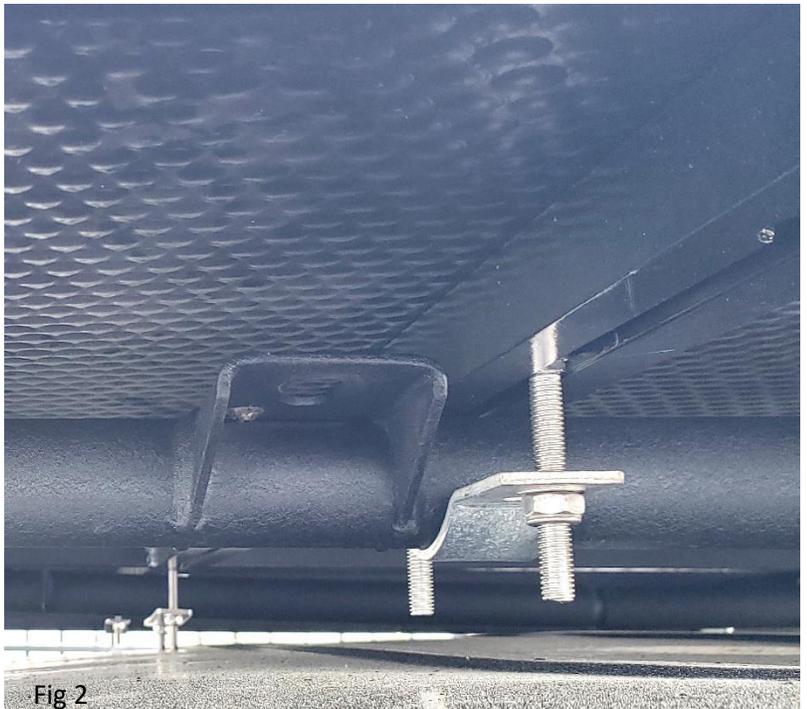


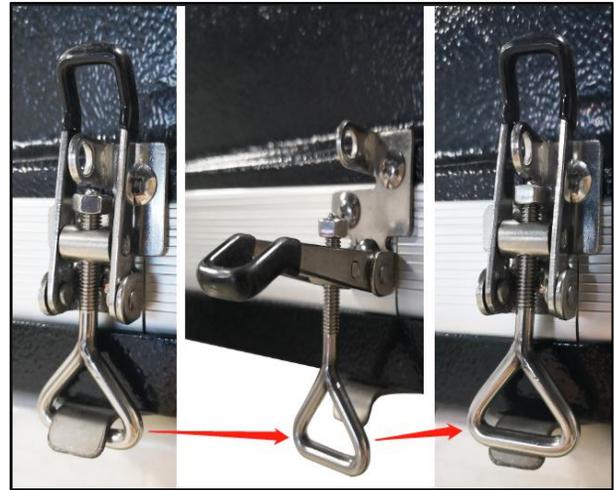
Fig 2



## Hardshell Overland Tent Part # 2983

### Set Up

**Step 1.** Open all eight(8) stainless steel latches. Then secure latch making sure the hook is disconnected. Fig 1. This ensures that the hook does not grasp on the catch when trying to open the tent.



**Step 2.** Push upward on the front or rear of tent lid. Then repeat for the other side. The gas struts will open tent into position. Fig 2.

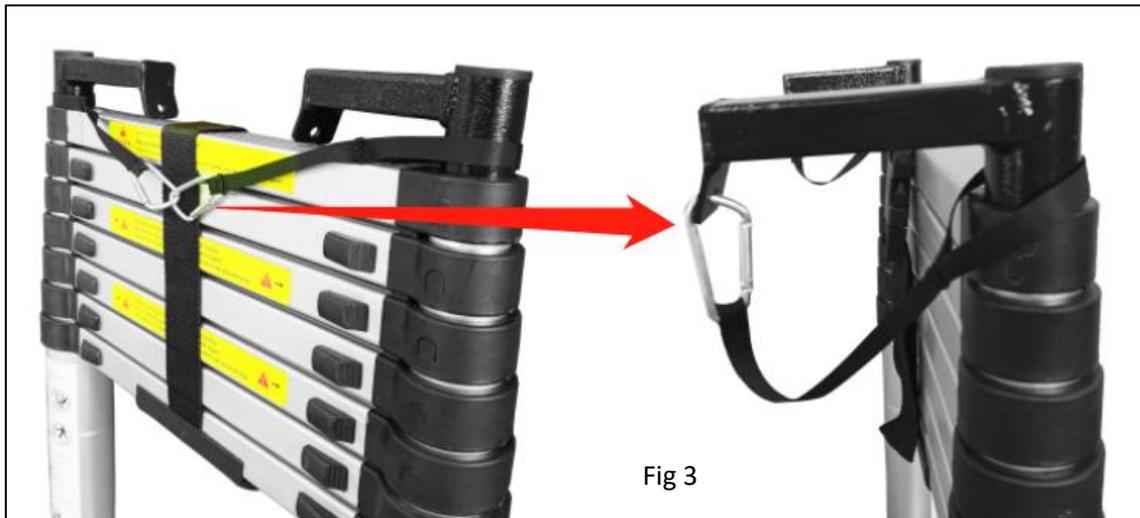




## Hardshell Overland Tent Part # 2983

### Set Up

**Step 3.** Install ladder into ladder brackets on side of tent (Fig 1), then open and adjust ladder to proper height. Secure ladder to tent by inserting the pin thru the hole in the ladder mounting arm. Fig 2&3.





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### Ladder adjustment

For the most adjustment, press in the top most steps buttons and then collapse ladder. If more or less adjustment is needed. The second thru the eighth step can be adjusted in smaller increments. Depress the ladder buttons and collapse the ladder slightly, then release buttons and compress ladder till it stops in the half adjustment position. Ensure that all sections of the ladder are fully locked before use. Ladder should be solid when putting downward pressure on it. Ladder is at ideal length when the steps are parallel with the ground.

Ensure ladder is level on a flat, non-slip solid surface. Tie down ladder to vehicle if needed to prevent movement.



Second from the top rung shown in the half way locked position.



Top rung fully collapsed, second from the top half way collapsed in the locked position.



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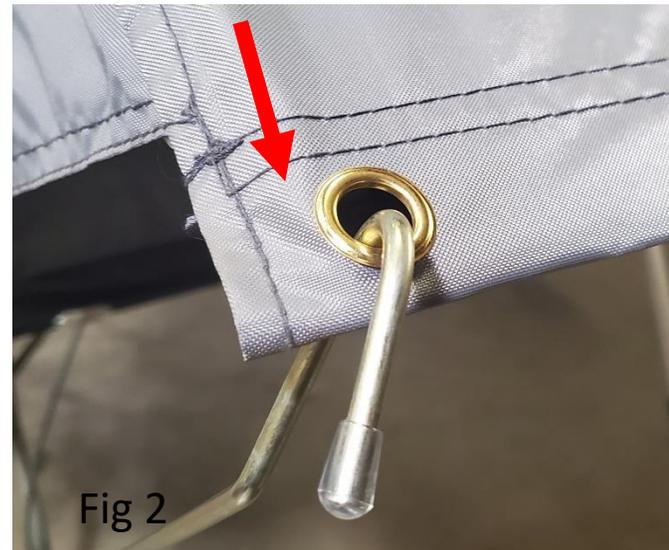
**Window setup**

**Step 1.** Insert window rod into window rod holes. (Fig 1) Then bend the rod upward and attach to the grommet on the corner of the window.(Fig 2)



Note: front and rear windows use the long rods. Side entrance uses the short rods.

**Step 2.** Tie down side flaps with the loop and toggle. (Fig 3)



Reverse steps to fold down windows.





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**Storage solutions**

Shoe bag can be attached to the left side of the ladder on either side of the tent. Install bag by connecting the toggle and loops. Do not overload shoe bag, as damage to bag or tent may occur.



Interior top hooks for holding lanterns



Interior pockets for light weight item storage such as phone, keys, flashlights, etc.

## Closing the tent

**Step 1.** Install the elastic cords on the inside of the tent. They will attach to the loops on inside of each entrance. They are used to help pull the fabric “IN” while collapsing the tent. Fig 1.



Fig 1

**Step 2.** Remove all window rods, store them in the window rod bag and then store inside tent. Detach shoe bag and store in tent if clean and dry.

**Step 3.** Detach ladder, store ladder inside center of the tent.

**Note:** Make sure there is nothing that may interfere with the support arms when tent is collapsed.



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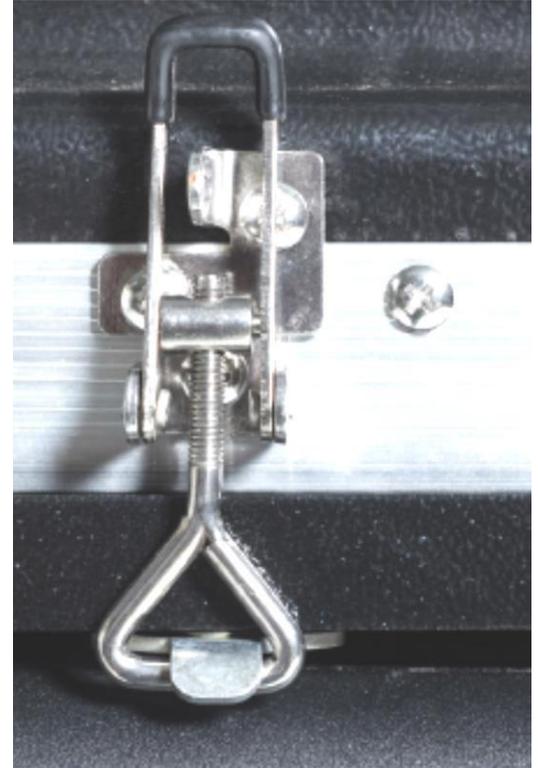
### Closing the tent

**Step 4.** Pull down on pull strap till you can reach the roof. Then pull down the roof till it is almost closed. Repeat for opposite side.

**Step 5.** Tuck in any fabric so it does not get caught between the top and bottom half of the shell.

**Step 6.** Hook up latches and secure latches, starting in the front first, then work your way back. Latches may need to be adjusted to close the tent completely.

**Note:** Temperature, fabric position, and tent shell flex may cause the latches to fit too loose or too tight. Adjust latches accordingly. Ensure the top half fits into the bottom half. You may have to push in on the top half for it to line up while closing the latches.





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**Care Instructions**



**Periodically check torque of all hardware.**

**This includes all tent mounting hardware and internal hinge and hinge mounting hardware.**

**If roof liner buttons come off, they can be simply snapped back into place.**





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### Care Instructions

1. Clean fabric only with cold water and a soft brush - do not use soap or detergent, this will remove the waterproofing compounds.
2. Do not expose to petrol, oil or solvents.
3. New poly/cotton fabric will initially experience some weeping through the seams. This will reduce over time as the fabric cures.
4. Well worn products may be re-proofed using a good quality waterproofing solution. This is highly recommended. Generally this is re-applied every 1-2 years depending on how much you use or clean the tent and what environments your tent has been used in. Some waterproofing agents may also contain UV inhibitors. 303 protectant fabric guard, Star Brite, Rain guard, Nikwax and Kiwi all offer polycotton safe waterproofing solutions.
5. It is recommended to season your tent before your first trip. You can season the tent fabric by setting up tent on a level surface before actual use. Do a full set up, use all window rods. Make sure all windows and zippers are completely closed. Do not have the rain fly installed and remove all internal contents. With a hose, wet down the tent lightly. Then focus on all the areas that have been stitched and water log the fabric the best you can. Let tent dry completely on its own, do not use heat or compressed air to dry tent, let it dry naturally, avoid direct sunlight, this may take a day or so. Repeat this process two more times if necessary. This process allows the canvas and threads to shrink and expand as much as they can effectively sealing the seams. Do not be alarmed if the tent leaks for the first or second time you season the canvas as this is normal as the thread and canvas contract and expand together. Liquid seam sealer can be applied after the 3<sup>rd</sup> seasoning. Season the rain fly by hanging it up and spraying both sides of the fabric with water in the same procedure as the tent.
6. Zippers can be lubed with a silicon spray or bee's wax, this keeps them lubed and helps with water resistance. Clean zippers with a soft brush.
7. If the fabric needs deep cleaning, use a mild detergent mixture( 1 cup Lysol all-purpose cleaner to 1 gallon of warm water) use with a soft brush to clean fabric as needed. Rinse off the tent with a rinse solution of ( 1 cup lemon juice, 1 cup sea salt to 1 gallon of warm water). Final rinse with cool water. Allow to dry completely before storage. Re-proof tent if needed.
8. Stainless hardware will stain less than zinc coated hardware but it still needs routine maintenance. After you check torque on bolts, wipe down with a cloth and break-free clp. If staining occurs, remove stains with steel wool or scotch brite pad, then wipe down with break-freeCLP.
9. The ABS plastic shell needs to be routinely washed to prevent contaminants of building up. Wash with regular car wash soap. Use of a UV protectant that is safe for ABS should be applied regularly. Trinova, Autoglym Plastic and trim conditioner, 303 aerospace protectant, or Meguiar's ultimate work well. Always test a small area in an inconspicuous area before applying product to entire tent.
10. Mattress cover may be removed for hand washing only using a detergent for delicates only. Hand wash using warm water. Rinse well with cool water and allow to air dry out of direct sunlight.



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**Limited Warranties**

Smittybilt's products are covered under various limited warranties only. Note that the duration of the limited warranty differs according to the material and finish of the product purchased. Overland hard shell tents carry a 5 year warranty from date of purchase. Subject to the duration and conditions of the limited warranty stated below, Smittybilt warrants to the original retail purchaser that its products are free from defects in material and workmanship. **Smittybilt shall not be responsible for the natural wear and breakdown of materials that occurs with extended use, such as UV damage or worn zippers, abuse, misuse, storm damage, or improper care.** All other warranties and representations express or implied, are hereby disclaimed, including fitness for merchantability and buyer's intended use or purpose. All parts are sold "AS IS" except for the limited warranties granted herein. Buyer assumes all risks as to the selection, suitability and performance of all goods and products selected. This limited warranty does not cover damage or impairment in any part due to misuse, improper installation, accident or contact with on-road or off-road hazards, product modification, improper or inadequate cleaning and/or maintenance. Smittybilt is not responsible for items damaged during shipping. This warranty is not transferable from the original buyer. For the original Buyer to be eligible for the limited warranty coverage, the Buyer must provide proof of purchase. Smittybilt strongly recommends returning the warranty registration card.

Customer's remedy hereunder shall be limited only to repair or replacement (at Smittybilt's option) of any defective part(s) returned to Smittybilt at customer's expense. The determination of whether or not a returned part is defective or subject to coverage under the limited warranties stated herein shall be made at Smittybilt's sole discretion. Any returns must be made freight pre-paid by consumer.

To assure product quality, Smittybilt reserves the right to change product design, material, specification and finishes without prior notice to customers. This limited warranty gives you specific legal rights and you may also have other rights, which may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply as to you. Also, some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. Smittybilt reserves the right to discontinue product lines and substitute products, or provide other remedies than those listed in this limited warranty for those discontinued products.

**Warning**

Rollover and other types of vehicle accidents may result in serious injury or death to you, your passengers and others sharing the road. Smittybilt accessories are decorative and are not intended to reduce or avoid injury or damage in the event of an accident. The weight and location of Smittybilt accessories may affect your vehicles' handling, stability and performance, creating an increased risk of accident or rollover. Before installing any accessory, check state laws and assure that the accessory will not obscure any lights or interfere with proper operation on your vehicle's safety equipment. Consult your owner's manual and the Smittybilt instructions, or additional safety information. Smittybilt products, nor the warnings contained herein, are not a substitute for your safe driving. Don't drink and drive, always use seat belts and don't drive faster than conditions permit.