

— ROOFTOP TENT HOIST —



**GET YOUR
ROOFTOP TENT
OFF THE CAR.
OUT OF THE WAY.**

Ceiling-mounted manual hoist
for rooftop tents & approved
cargo capsules.



100kg
Max Rated
Load



Self-
locking
worm drive



Ground-
level
operation



Long
lifting
straps

RRP **\$995** inc GST
+ delivery

ozillifts.com/roof-top-tent-hoist

ROOFTOP TENT HOIST



WHY OWNERS LOVE IT



Frees up your vehicle when you're not camping



Stores your rooftop tent overhead



Controlled manual lifting and holding



Lift directly from floor level



Adjustable to suit a wide range of rooftop tent sizes



**1500mm
mounting
rails**



**Dual
strap
webbing**



**Designed
for
garages**



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info@ozillifts.com

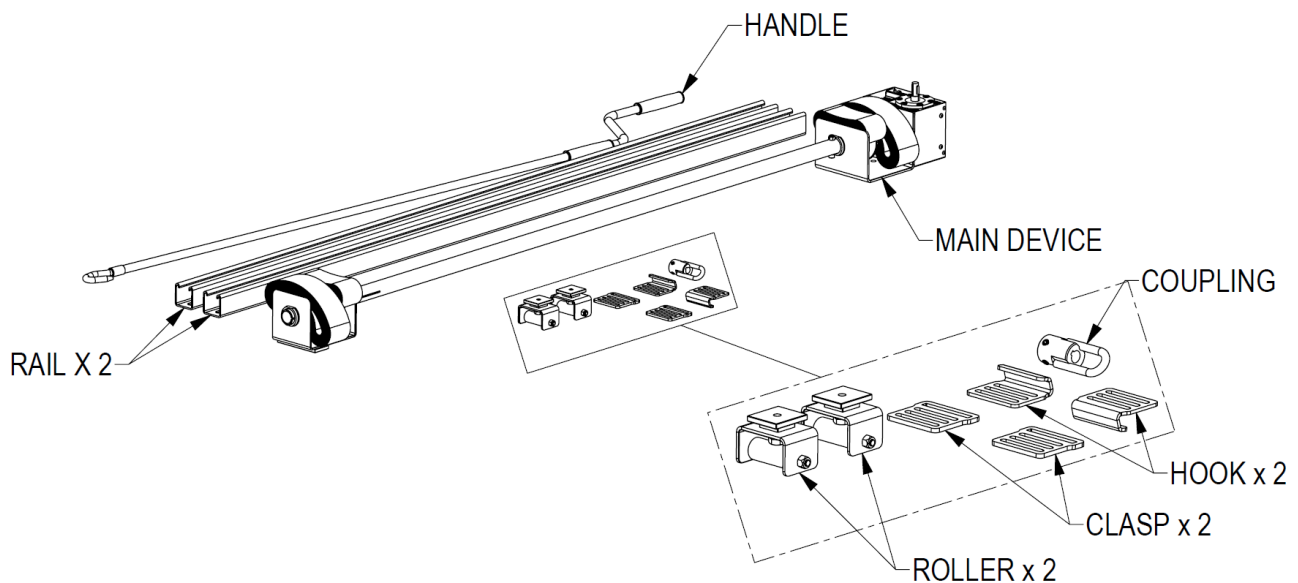


For rooftop tents & approved cargo capsules only. Maximum rated load 100kg including accessories. Install only to structurally suitable supporting structures and refer to supplied instructions before installation and use.

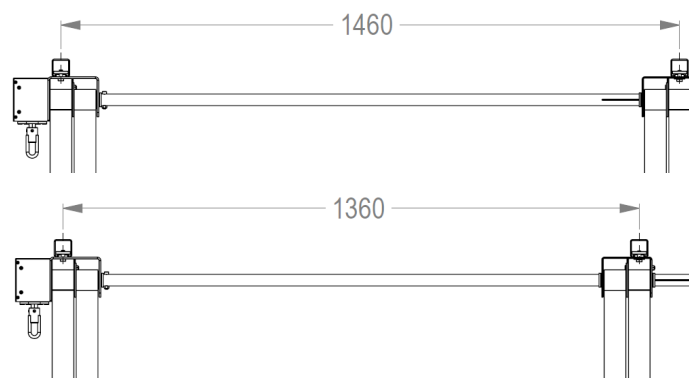
1. **Before starting:** Check the installation location before fitting the rails. Ceiling type (such as concrete, roof beams, or steel purlins) may determine the mounting method. Prioritise secure structural mounting and clear access to the crank handle.

NOTE: This device must be installed under cover to structurally sound hardpoints only. The installer is responsible for verifying the building's load-bearing capacity. Use at least four suitable load-bearing fasteners (two per rail) near the shaft and roller mounting points.

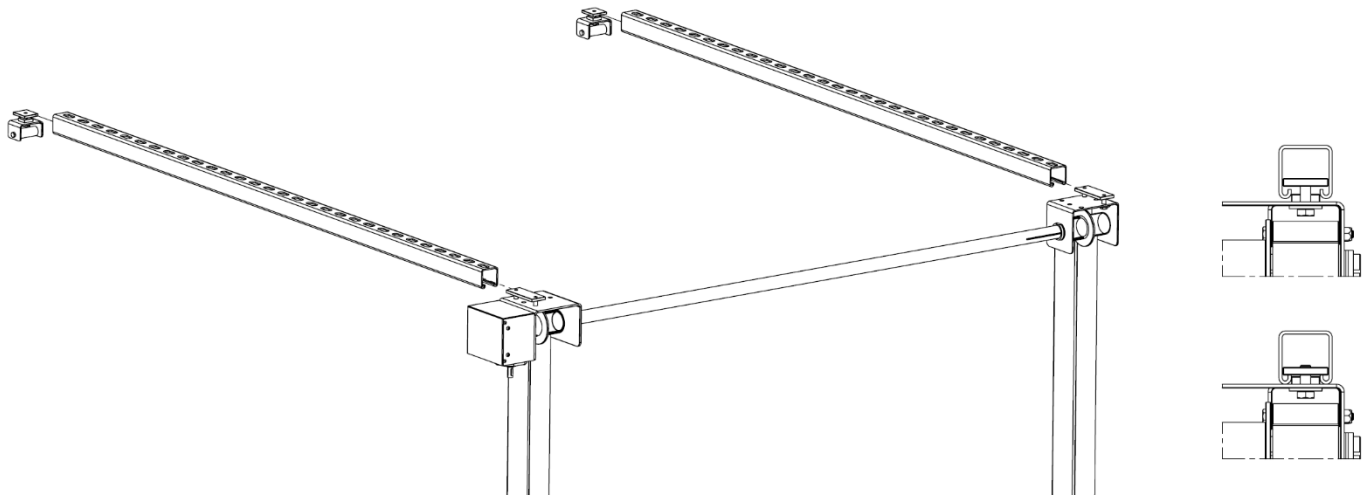
2. **Check the components:** There are two 1.5m formed-channel Rails with slots, the Main Device with lifting straps pre-installed, a 1.5m Crank Handle, and a box containing two sets of pre-assembled Rollers, two flat Clasps, two Hooks, and a Drive Coupling.



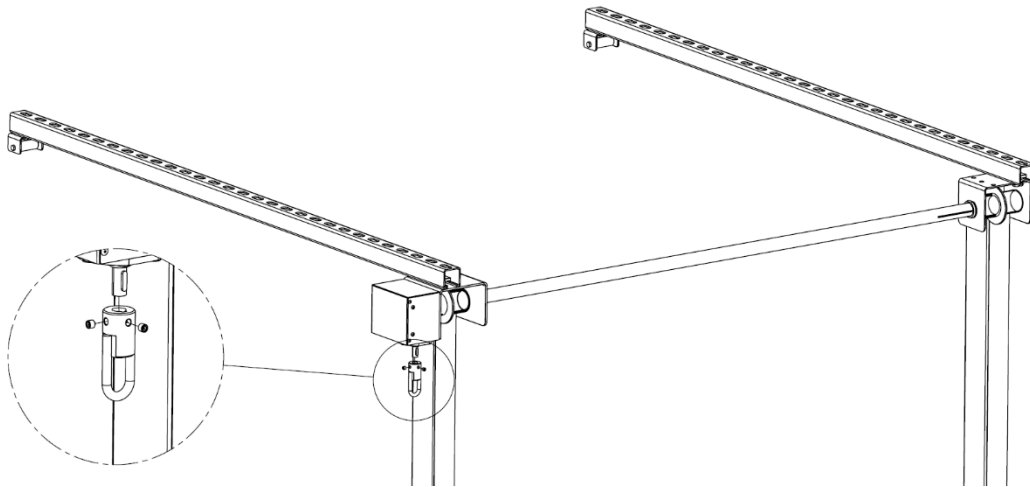
3. **Plan the layout:** Set out the rails perpendicular for the belts to loop around the load, taking the size of what you're lifting, vehicle's parking position and clearances in mind. The main assembly may be installed with the gearbox input shaft facing either inboard or outboard, and the small end has sliding adjustment of about 100mm.
4. Secure the rails to the ceiling keeping them level and parallel, and adjusting the width between 1360–1460 mm apart to suit. Use at least four anchors through the slots, about 10–20 cm from the rail ends or as close to the strap axles as possible. The slotted side should face up and sit flush and stable against the roof structure.



5. Slide the roller assemblies into the rails by loosening each screw just enough for the clamping plate to slide in the lower opening without disengaging. Keep the rollers perpendicular to the rails, with the locating block seated in the slot and squarely aligned. Position them roughly for later alignment with the main assembly.

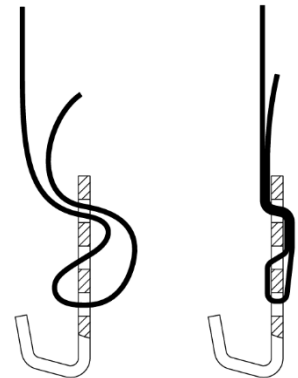


6. Loosen both screws in the two main-assembly clamping plates. At the small (non-gearbox) end, the brackets and belts can slide 100 mm along the slotted shaft to suit the rail spacing. Slide the assembly onto the rail ends with the longer two belts opposite the rollers. Tighten the screws with a 13 mm spanner, then check and adjust alignment as needed.



7. Remove the plastic cover from the gearbox input shaft and securely fit the drive coupling. Ensure the key and keyway are fully engaged, then tighten the two grub screws with the 3 mm hex key.
8. With the main assembly in place, adjust the position of the roller assemblies by setting their distance from the main shaft using a tape measure. Tighten the clamping screws firmly, but do not overtighten or damage the device.
9. Once all fixed components are secured, thread the two longer belts through and over the rollers. Keep the straps straight and untwisted.
10. With the straps now hanging down either side of where the load will be suspended, attach the crank handle and wind on two full revolutions of the belt around the drive shaft to help it grip on without tearing out. The belt should preferably wrap around the top of the main assembly drive shaft rather than under it.

11. Install the hooks and buckles to connect the belts into a loop. The hooks typically attach to the shorter belt (main assembly side), and the buckles attach to the longer roller-side strap.
12. To secure the hook, feed the belt back and forth through the three slots starting from the inside, then loop it back out through the top slot behind where it first entered. Most people prefer the hook facing outward, away from the load. **Do not twist any of the belts.**
13. The flat buckles are symmetrical, so attaching them is the same as the hook, except there's no wrong side to approach it from.
14. **Connect and adjust the belt loops:** With two hooks and two buckles hanging opposite each other, connect each pair by inserting the hook into the long slot of the flat buckle. Use the adjustable buckles to level the load or take up excess belt for easier lifting. Always **avoid twisting the belts.**



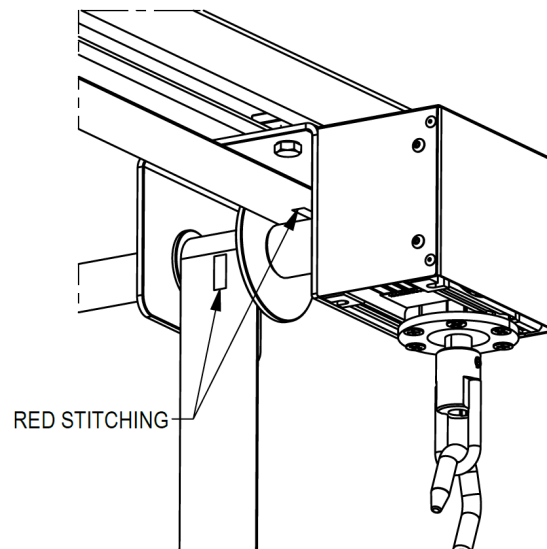
15. Check all the bolts and screws have been tightened, the straps are hanging straight and evenly centred on the shaft and rollers, with the hooks fitted together at a similar height, and nothing is loose or damaged. Wind at least two turns of belting onto the shaft in preparation for lifting.

Using the Ozil Lifts Rooftop Tent Hoist is easy and intuitive for most people. It is suited to lifting collapsible tents and other rooftop gear from vehicle roof tops for storage purposes.



1. Start with two revolutions of the straps wound in the desired direction to help it grip onto the shaft for best results.
2. Centre the load between the belts with each strap hanging straight down before looping the long belt underneath and connecting the buckles on the short side and adjusting them to take up any slack.
3. Care should be taken in positioning the belts straight and evenly under the load to avoid the belts twisting out of alignment.
4. Distribute the weight evenly between the four belts and do not exceed 100kg.
5. Avoid contact between the belts with any sharp edges that may cut, wear or damage them.
6. Winding the crank handle in either direction will wrap belting onto the shaft, thus lifting the load or lowering it by turning in the opposite direction. Once elevated the gearbox is designed to be static self-locking, holding the load under friction within the recommended load capacity.
7. Always check that nothing is loose, damaged or misaligned, before taking up slack gradually and ensuring the load settles centred and stable before continuing the lift.
8. **Caution:** Keep bystanders clear of the hoist when raising or lowering a load and fingers away from of any moving components.

9. There is usually enough belt length to lift a roof rack from floor to roof. For taller vehicles, adjust the buckles so the lift starts with at least two strap wraps around the shaft. Coil and secure any excess belt; fewer belt layers reduce lifting effort because torque increases with diameter.
10. After shortening the belts to make lifting easier, when lowering the load onto a shorter vehicle they may not reach, so a patch of red stitching has been added two wraps from the end of each belt as a visual warning it's running out. **Caution: avoid winding the belt completely off the shaft** or suspending any load in a fully unwound state.



WARNING:

This device is designed for indoor use lifting collapsible tents and other rooftop gear from vehicle roof tops for storage purposes. The installer is responsible for verifying the soundness of building structures in accordance with these instructions and fitting the device using at least four (two per rail) suitable load rated fasteners. If there is any uncertainty, they should consult a suitably qualified building professional before proceeding.

Ozil Lifts is not responsible for loss, damage, or failure due to:

- **Exceeding WLL (Working Load Limit) of this device, 100kg.**
- Incorrect or inadequate installation, supporting structures, or fixing methods.
- Unauthorised modification or alteration of the device.
- Misuse or abuse outside the product's intended use.
- Using the device contrary to these instructions.

By installing or operating the product, the end user acknowledges that they have assessed the installation location and supporting structure and accepted responsibility for the suitability and quality of the installation.

This acknowledgement does not exclude, limit or change any consumer guarantee, right or remedy under the Australian Consumer Law that cannot legally be excluded, limited or changed.