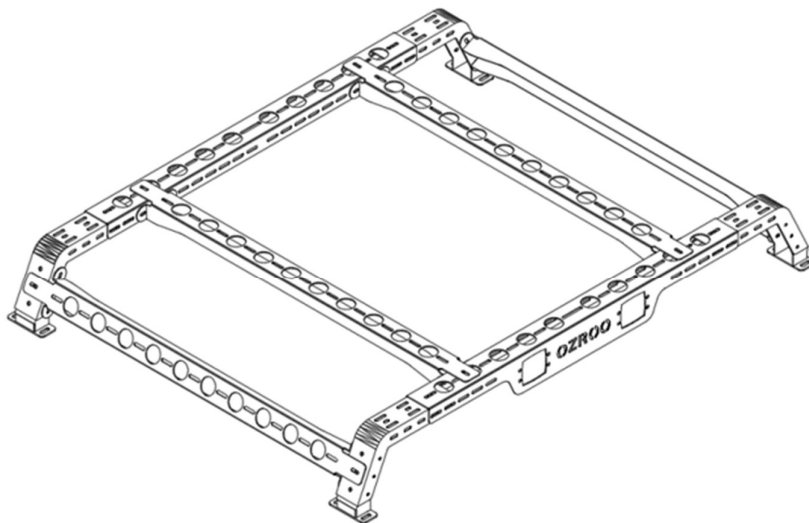


Ozroo Tub Rack – Half Height Specific

Step 0. Before starting.










- Please review the below photo for how good the rack will look finished.
- Prep your vehicle for mounting by placing painters' tape on the sidewalls to avoid scratches whilst aligning.



Independent YouTube installation videos:

- <https://www.youtube.com/watch?v=5sv7ITJvrxU>
- <https://www.youtube.com/watch?v=HYuMWtTnNsl>
- <https://www.youtube.com/watch?v=V4XFPz-6ppE>

Step 0 Cont. Parts List

Item #	Image	Description	Included
#1		Tub Rack Foot, Bolted to the Tub of the vehicle or accessory (roller cover).	4
#1.1		Tub Rack Foot Inner Foot. Bolted to the Tub Rack Leg (#1) for when bolting direct to vehicle tubs (Not required for roller covers)	4
#2		Tub Rack Upright. Bolted to the Tub Rack Foot, Item #1	4
#3		Top bar, front. Bolted to the Tub Rack Upright, Item #2.	1
#4		Top bar, rear. Bolted to the Tub Rack Upright, Item #2.	1
#5		Cross Bar. Bolted to Item #1 or #2 depending on configuration of height	6
#6		Reinforcement Plates. Used under tub skin to reinforce if required. Ranger specific.	8
#7		Spacer plates. To make up distance of overlapping sections. Should be mounted between side bars and uprights as required	20
#8		LEDs & mounting hardware 2x LED 8x M6x16	2
#9	Bolting hardware	M10x30 – 8 M8x35 – 4 M10x50 – 8 M8x30 – 20 M8x25 – 30 M8x20 – 20	As noted.

The below is the list of items you will have received.

Please check before starting, if anything is missing, please email sales@ppdperformance.com.au

Step 1. Build all the tub rack legs (Full heights shown, half heights will have 3 bolt holes)

- Insert the upper leg piece into the outer leg, insert bolts on the outer as shown. Finger tight.
 - o Nut and bolt each leg in the desired height.
 - o Apply foam on bottom of infill blocks prior to insertion to avoid paint scratches.



- If mounting direct to a tub, insert and bolt the 'Tub Rack Foot Inner Foot' (#1.1) into the Tub Rack Legs (#1) as shown.
 - o Note: This is optional but suggested if not mounting to a roller cover.

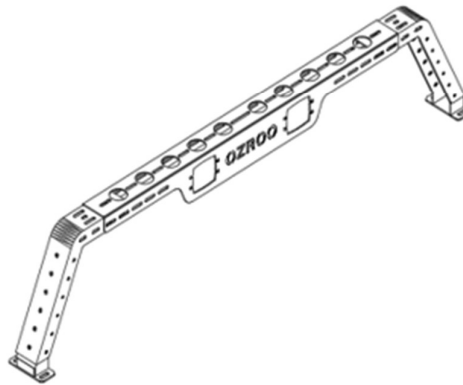
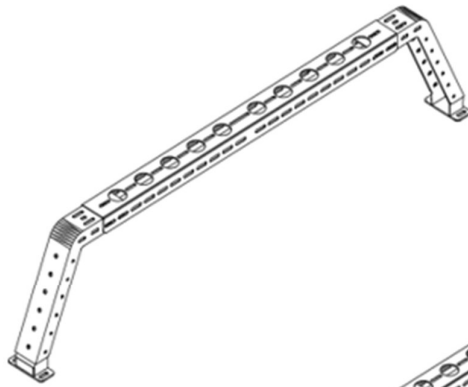


- Bolting hardware should be used as follows:
 - o M8x20 for one overlap of metal
 - o M8x25 for two overlaps of metal, or less.
 - o M8x30 for three overlaps of metal, or less.

USE Lubricating Grease to lubricate the bolts prior to tightening this will avoid galling. The first three threads of each bolt should be done by hand to avoid cross threading.

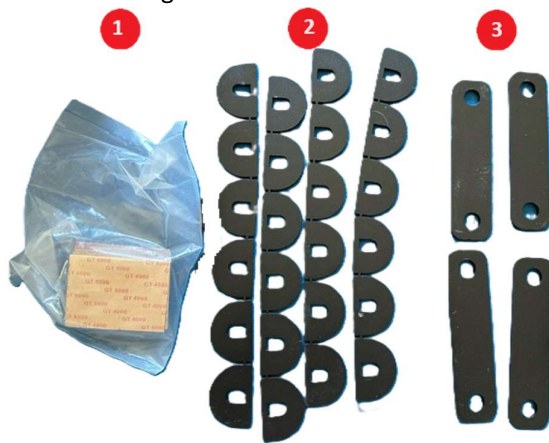
Step 2. Build all the tub rack main uprights.

- Mount the leg to the top bars as shown.
 - The width of the legs should match the width of your vehicle, check this twice on your vehicle before continuing to the next step.
 - Set the height by adjusting the legs up and down to suit your desired height.
 - All bolts should be finger tight only and have a washer outside of bolt to prevent scratching on tightening. Repeat for both uprights.
 - Repeat for light and non-light top bar.



Step 3. Complete the tub rack structure.

- Mount the side bars to the rack, you should now have a complete tub rack.
- All bolts should still be finger tight at this point.
- Item 1: rubber backing - Add rubber backing to the bottom of the rack to avoid scratching.
- Item 2: Spacer plates to make up distance of overlapping sections. Should be mounted between side bars and uprights.
 - These should be 1x when 1 section is overlapping, 2x when two are overlapping. Shown below.
- Item 3: Used on Rangers and only some models, mounted under the tub wall to increase strength.



Step 4. Optional – Please jump to Step 5 if mounting direct to vehicle tub

This step is for mounting to a roller cover (Inc. Wild Trak & X-Terrain)

- Insert T-channel bolts into rail, as shown below – at the back of the rails (closest part to the window). There will be multiple sizes of T-channels included depending on package – please use the largest possible making sure the bolts do not spin in the channel.



- Lift the rack on and insert bolts, using the provided washer and nylon nuts to ensure tightening remains in place.
- Align and tighten once all bars.



Step 5. Mounting to tub

Ensure painters tape is on the mounting surface before lifting to avoid scratches.

It is suggested to place rubber on the bottom of the legs or foam to help avoid scratches.

This should be completed by marking lifting the rack into place.

Positioning the rack, checking it is square and correctly in position, twice.

Mark the holes to be drilled.

Drill the holes, starting with a small drill bit and working up to a 10mm drill.

Check fitment of the bolts (M10) and then de-burr / touch up paint around the holes to avoid rust.

Bolt the rack down into drilled position and tighten all bolts.



Step 6. Optional, insert the lights.

Using the smaller bolts provided, insert and tighten the lights as shown.



Recommended maintenance.

- Regular maintenance may be required. Cleaning the rack regularly will ensure longevity.
 - o It is suggested to apply a coating or wax and maintain the rack like you would the paint of your car.
- Washing the rack after any exposure to sea water or any other harsh conditions is recommended.
- Should the powder coating be scratched or damaged, it is recommended that the affected area be painted to prevent rust / corrosion.
- Spare washers and bolts have been provided.
- Use flat / spring washers with every nut and bolt. Use Loctite on each nut / bolt.