



Tepui Tents 4Runner RTT Rack

www.TepuiTents.com

The Tepui uni-strut RTT rack is a great option for mounting your roof top tent to. It is very sturdy, allows for the mounting of baskets, lights, and other accessories easily, and only cost about \$60 in materials. Below are the steps involved in building your own Tepui RTT rack. Please email us for more details or questions.



1. First remove the existing cambered bars by removing the end caps with a hex wrench and sliding them out of the tracks. Then remove the three flat cross bars by unscrewing the knobs. Be sure to keep the square flat nuts that are in the track as they will be used to attach the uni-strut.

2. Purchase (3) 10ft lengths of uni-strut from a local hardware store. It is usually located in the electrical hardware section. Also purchase (10) of the $\frac{1}{4}$ " flat washers with the $\frac{3}{8}$ " hole, (6) $\frac{3}{8}$ " spring nuts, and (6) $\frac{3}{8}$ " x 2" bolts. These should all be available next to where you purchase the uni-strut because it is the hardware used to assemble uni-strut. Cut one uni-strut into (3) 40in sections and the other (2) into 6ft sections. Then paint with black enamel.



3. Purchase longer (about $\frac{3}{4}$ ") 9mm screws that thread into the square flat nuts in the roof track of your 4Runner. I suggest bringing one flat nut to the hardware store to ensure you get the right thread pattern. Using a flat round washer and a lock washer fasten the (3) 40" uni-strut pieces to the track with the open end facing up. Then place the (2) 6ft uni-strut pieces open end facing down at the desired width. Slide the spring nuts into the bottom strut with the spring facing down. Use a square washer and lock washer and slide the $\frac{3}{8}$ " bolts thru the top track and tighten into the spring nut below. Repeat this at all 6 locations the long and short struts intersect. At the two rear intersections you will need to add two flat $\frac{1}{4}$ " washers to keep the top long uni-strut bar level. Optional basket was purchased at Curt Industries for about \$80 and can be attached with U-bolts.



4. The Tepui RTT can be mounted directly to the tracks. You can either mount with the tracks directly above the long uni-strut bars or perpendicular however if you mount them above you will need to purchase longer ($2\frac{1}{2}$ ") bolts with matching nyloc nuts in lieu of the 2" bolts that come with the tent mounting brackets.

