

4th Gen Tacoma

PRINSU RACK



Applications installation instructions

These installation instructions apply to the following Prinsu products

– **Toyota Tacoma** Prinsu PRO Rack | 2024-

IMPORTANT!

THANK YOU for purchasing this Prinsu product. Please read through this entire document before proceeding with installation. If you are not confident in your mechanical skills, please seek the help of a professional to perform the installation. Check your packages immediately upon arrival to ensure that everything listed is included, and to check for damage during shipping. ***If anything is missing or damaged, or if you need technical assistance with any aspect of this installation, call Prinsu at (208) 528-0664 as soon as possible.***

Est. Installation Time

1.5 hours

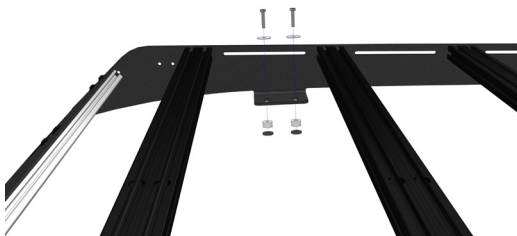
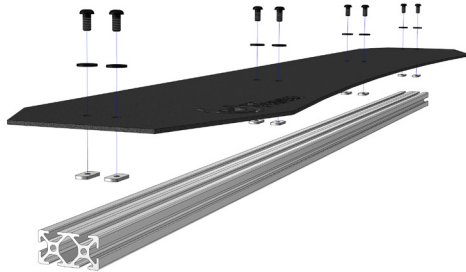
Hardware Included

4th Gen Tacoma Roof Rack Mounting Hardware		
DESCRIPTION	QTY	TORQ
M6-1.0 x 30mm Steel Hex Cap Screw Zinc	10	9.15 Nm
1/4" x 1" x 0.062" Steel Fender Washer	10	8 ft-lbs
0.319"ID-3/4"OD x 3/8" Long Aluminum Spacer	4	N/A
0.319"ID-3/4"OD x 5/8" Long Aluminum Spacer	4	N/A
4th Gen Tacoma Crossbar Hardware (6 Pro Crossbars and 1 Clear Extrusion - 48.5")		
DESCRIPTION	QTY	TORQ
1/4"-20 x 1" Stainless Steel Button Head Socket Black Oxide	30	8 ft-lbs
1/4" x .625" x .0625" Stainless Steel Flat Black Oxide Washer	30	N/A
Vibra-Tite 111 Low Strength Threadlocker Pack of 3 Tubes	1	N/A
4th Gen Tacoma Wind Deflector Hardware		
DESCRIPTION	QTY	TORQ
1/4"-20 x 1/2" Stainless Steel Button Head Socket Black Oxide	12	8 ft-lbs
1/4" x .625" x .0625" Stainless Steel Flat Black Oxide Washer	12	N/A
1/4"-20 Stainless Steel Dual Tab Spot Weld Nut N/A	12	N/A
3/8" x 13/16" x 3/32" EPDM Washer	10	N/A

WEIGHT CAPACITY:
600lbs dynamic load capacity and 1,000lbs static load capacity

Tools Required

- 5/32 Allen
- Flat Head Screwdriver
- Side Cutting Pliers
- 10MM Socket/Wrench
- Utility knife



IMPORTANT!

All products built and designed by Prinsu Design Studio are intended for off-road use and should be assembled, installed, and used according to Prinsu Design Studio's recommendations. Prinsu Design Studio products should be used safely with good judgment towards others and the environment. By installing Prinsu Design Studio Products on your vehicle you assume all liability. Prinsu Design Studio will not be held liable for damages or loss associated with the installation or use of its products.

Be smart, use good judgement, don't overload your vehicle to the point of inferior handling and maneuverability!

*** WARNING***

Neither the seller nor the manufacturer will be liable for any loss, damage, or injury directly or indirectly arising from the use of or inability to determine the use of these products. Before using, the user shall determine the suitability of the product(s) for its intended use(s), and the user shall assume all responsibility and risk in connection therewith.

Note for Dealers and Installers:

Read through all instructions before starting install. It is your responsibility to ensure instructions are given to the end user or client.

Sequence Of Steps

1. Layout Prinsu Rack

- Un box rack and layout pieces on a moving blanket or soft surface to prevent scratching.
- Open up hardware bags and put a washer on every bolt and a small amount of vibra tite on the end of every bolt.
- If you have some help go ahead and install crossbars on the side rails. To secure the crossbars to the side rails use the $\frac{3}{4}$ long bolts. The cross bars are modular and can be installed on the larger slots in the side rail, but are designed to install in the smaller slots in the side rail. Start all bolts by hand first then tighten then down with a 5/32 Allen wrench. Do not install a crossbar over a mounting foot, you will need space over the mounting foot to secure the rack to the vehicle.

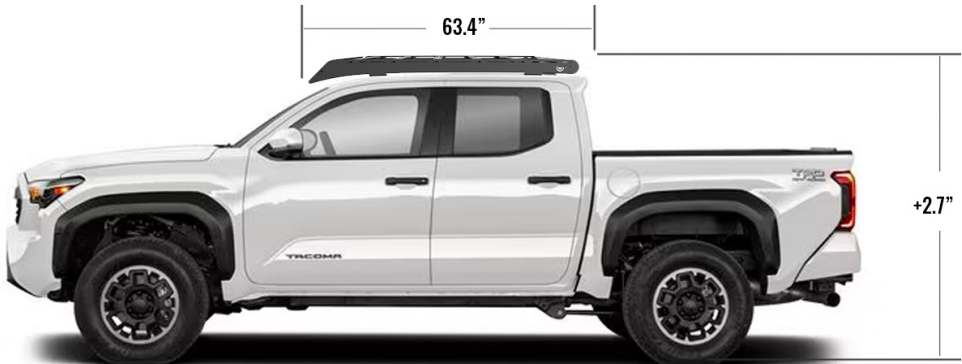
2. Secure the rack to the vehicle.

- Locate the removable trim pieces on the roof of the vehicle (there are 4 total, two towards the front of the vehicle and two towards the rear of the vehicle).
- Using a flat head screwdriver or pry tool, pry upwards on the trim pieces to remove them.
- You will now see some sealant tape over the mounting holes, if you press down on the tape you will feel the mounting holes below the tape.
- Once mounting holes are identified, use a utility knife to cut around the mounting holes.
- Now Place a rubber washer, then a black aluminum spacer over every mounting hole.
- With the help of a friend set the rack on the vehicle, lining up the mounting feet of the rack to the spacers and mounting holes on the vehicle.
- Using the provided black RTV silicone fill in the inside of the spacer on all of the mounting locations.
- Start the M6 bolts by hand and don't tighten down yet.
- Stand back and ensure the rack is straight on the vehicle.
- Using a 10MM wrench or ratchet tighten down all of the mounting bolts.

3. Assemble the Wind deflector and install remaining crossbars.

- Layout the silver crossbar parallel to the wind deflector.
- Insert the provided T nuts in the channel of the silver cross bar and line up with the holes in the wind deflector.
- Place the wind deflector on top of the silver cross bar and line up the mounting holes to the T nuts in the silver cross bar.
- Start the $\frac{1}{2}$ long bolts and tighten down with a 5/32 allen once all bolts are started.
- Apply noise reducing trim to the wind deflector, make sure that the bulb side of the trim is facing down. Trim the excess with some side cutting pliers.
- Install the wind deflector on the front of the rack, line up the smaller slots in the side rail on each side and start the $\frac{3}{4}$ long bolts. Tighten down when all of the bolts are started.
- Now install the remaining crossbars and this installation is complete!

USABLE PLATFORM AREA 19.2FT²



WEIGHT CAPACITY:

600lbs dynamic load capacity and 1,000lbs static load capacity

WARRANTY

PRINSU DESIGN STUDIO will warranty all PRINSU DESIGN STUDIO manufactured parts for a LIFETIME of use. This limited Lifetime Warranty is effective for as long as the original retail purchaser owns the product. This warranty terminates when the original retail purchaser sells or otherwise transfers the product to any other person. Each manufactured product must be installed following PRINSU DESIGN STUDIO'S recommended fitment and installation procedures. Any customization or modification to the original product design, functionality, or use, either by said customer or by PRINSU DESIGN STUDIO voids all warranty eligibility. It is the sole discretion of CBI Offroad to determine warranty eligibility. Subject to the limitations and exclusions described in this warranty, PRINSU DESIGN STUDIO will remedy defects in materials or workmanship by repairing or replacing, at its option, a defective product without charge for parts. In addition, PRINSU DESIGN STUDIO may elect, at its option, not to repair or replace a defective product but rather issue to a purchaser a refund equal to the purchase price paid for the product or a credit to be used toward the purchase of a new PRINSU DESIGN STUDIO product. No warranty is given for defects caused by normal wear and tear, cosmetic rust, scratches, accidents, unlawful vehicle operation, products used for racing or competition, or modification of, or any types of repair of, a PRINSU DESIGN STUDIO manufactured product. The PRINSU DESIGN STUDIO Warranty does not include the powder coated finish. No warranty is given for defects resulting from conditions beyond PRINSU DESIGN STUDIO'S control including, but not limited to, misuse, neglect, overloading, improperly maintained or failure to assemble, mount or use the product in accordance with PRINSU DESIGN STUDIO'S written instructions or guidelines included with the product or implied use made available to the purchaser.

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