

6th Gen 4runner

PRINSU PRO RACK



Applications

installation instructions

These installation instructions apply to the following Prinsu products

– **Toyota 4runner** Prinsu PRO Roof Rack | 2025+

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.***

Estimated Install Time 4 Hours

Hardware Included

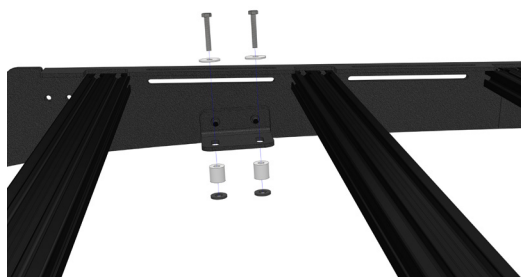
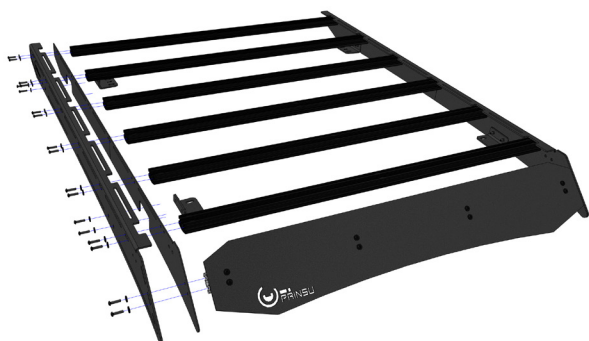
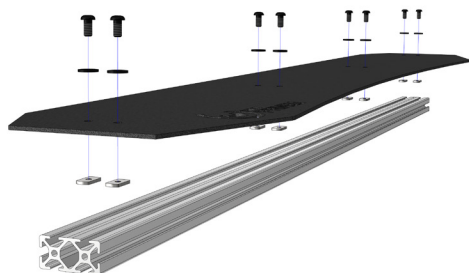
Pro 6th Gen Toyota 4Runner Roof Rack Mounting Hardware		
DESCRIPTION	QTY	TORQ
.509"ID-3/4"OD x 1" Long Aluminum Spacer	8	N/A
Black Rubber Washer	8	N/A
5/16" x 1-1/2" x .062" Steel Fender Washer	10	N/A
M8-1.25 x 60 mm Steel Hex Cap Screw Zinc	10	20.0 Nm
Pro 6th Gen Toyota 4Runner Mounting Feet Hardware		
DESCRIPTION	QTY	TORQ
1/4"-20 x 1" Stainless Steel Button Head Socket Black Oxide	14	8 ft-lbs
1/4" x .625" x .0625" Stainless Steel Flat Washer	14	N/A
Crossbar Hardware (For 10 Pro Cross Bars, 9 Pro and 1 Clear)		
DESCRIPTION	QTY	TORQ
1/4"-20 x 1" Stainless Steel Button Head Socket Black Oxide	42	8 ft-lbs
Vibra-Tite 111 Low Strength Threadlocker Pack of 3 Tubes	1	N/A
1/4" x .625" x .0625" Stainless Steel Flat Washer	42	N/A
Wind Deflector Hardware		
DESCRIPTION	QTY	TORQ
1/4"-20 Steel T-nut Plain	10	N/A
1/4"-20 x 1/2" Steel Pan Head Phillips Black Zinc	10	8 ft-lbs
1/4" x .625" x .0625" Stainless Steel Flat Washer	10	N/A

Tools Required

- Screwdriver or drill with a 5/32" Hex bit
- T-30 Torque bit
- Side Cutting Pliers
- 10,12,13 MM Sockets
- Flat Head Screwdriver

WEIGHT CAPACITY:

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



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.

Getting Started

Remove any factory roof rails or covers over the (4) mounting locations

Clean the roof surface if needed

Remove all parts from the Prinsu box and ensure that everything is accounted for

Attaching the Mounting Feet

There are three sets of included mounting feet

The front feet will be adhered in the drip rail of the roof, they're labeled 'T4R6 1'

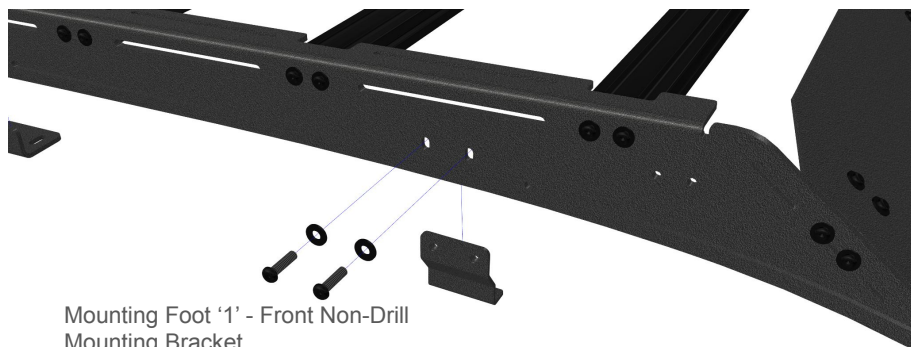
The center mounting feet are bolt-on and are labeled 'T4R6 2'

The rear mounting feet are bolt-on and labeled 'T4R6 3'

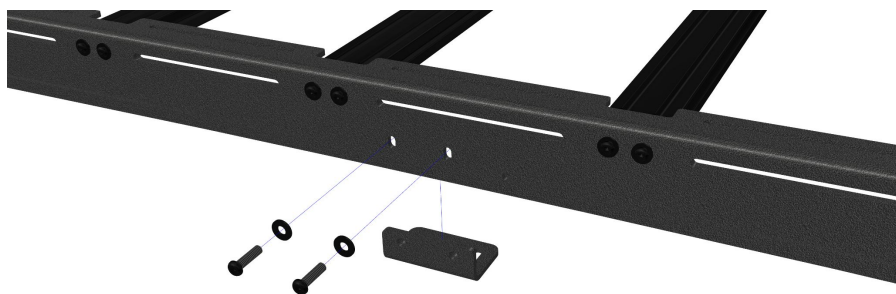
Using the 1" long 1/4"-20 stainless steel screws and washers, mount the feet in their respective locations on the insides of the side rails. Use Vibra-tite on each fastener, with exception of the front feet until a later step

Mount each foot in the highest position in the side rail mounting slots for the lowest-profile appearance when the rack is installed

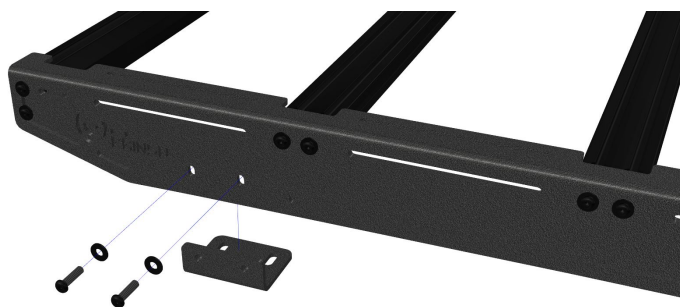
The inner side rails can be left out during this step



Mounting Foot '1' - Front Non-Drill Mounting Bracket



Mounting Foot '2' - Center Mounting Foot



Mounting Foot '3' - Rear Mounting Foot

Finish Preparing the Roof

Place the included EPDM washers over each factory mounting hole

Place the included 1" tall aluminum spacers over each mounting hole

Set each assembled pro side rail on the roof and loosely bolt down the center and rear mounting feet

Mark the rubber roof gutter trim on each side where the front mounting feet will land

Remove the side rails, cut out the gutter trim around where the front mounting feet will land

Prep the surface of the roof for the front mounting feet by cleaning it with 50/50 isopropyl alcohol/water

Note: do NOT remove the tape backing on the front mounting feet 3M pads yet

Note: The inner side rails are not needed for these steps

Assemble the Rest of the Roof Rack

Set the (9) pro crossbars roughly 10 inches apart

Fasten the inner and outer side rails to the crossbars with the included 1" long stainless steel 1/4"-20 screws and 1/4" washers. Use a 5/32" hex key (torque spec = 6 ft-lbs)

Use vibra-tite on each fastener to ensure the roof rack stays securely fastened on the trails



Mounting the Wind Deflector

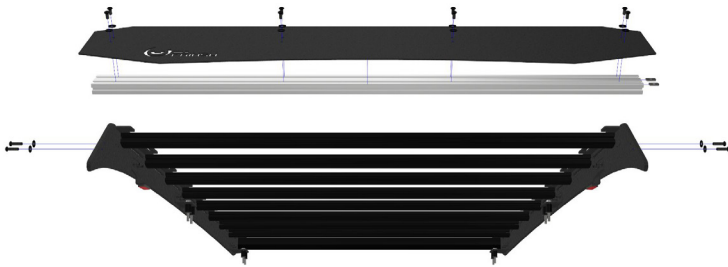
Slide the included stainless-steel $\frac{1}{4}$ " T-nuts into the silver-colored aluminum extrusion spaced roughly where the (8) wind deflector mounting holes are located

Fasten wind deflector to the silver extrusion using the included $\frac{1}{2}$ " long stainless steel $\frac{1}{4}$ "-20 screws and $\frac{1}{4}$ " washers

Make sure the edges of the wind deflector are flush with the ends of the extrusion

Install the noise-reducing trim on the lower edge of the wind deflector, trim any excess length

Mount the wind deflector to the front of the roof rack with the crossbar hardware and vibratite



Installing the Roof Rack

Make sure each factory hole has an EPDM washer and 1" spacer placed on it

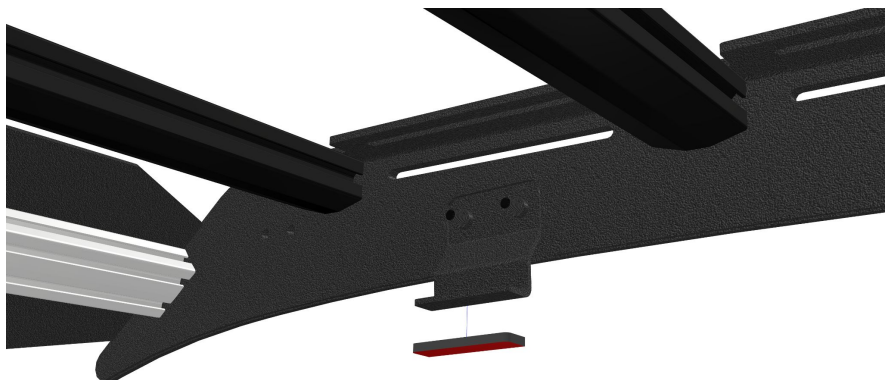
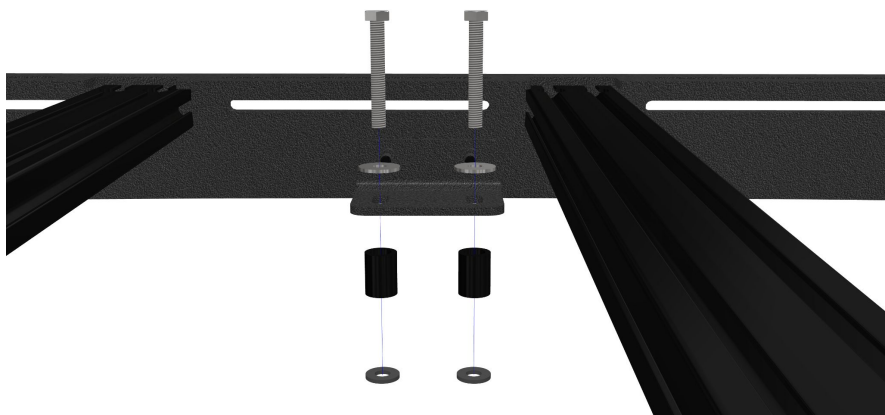
Fill each spacer with the included RTV silicone

Lift the assembled roof rack into place

Center the roof rack and bolt the center and rear mounting feet down (Torque spec = 16 lb-ft)

With the front of each side rail supported, remove the front mounting feet, peel off the adhesive tape backing

Hold each mounting foot tight against its respective side-rail and make sure it is in-line with its slots on the side rail, adhere the foot to the roof, then fasten the side rail to the mounting feet using Vibra-tite



USABLE PLATFORM AREA 28.1 FT²



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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