

Sequoia

PRINSU RACK



Applications

installation instructions

These installation instructions apply to the following Prinsu products

– **Sequoia** Prinsu Rack | 2022- Present

IMPORTANT!

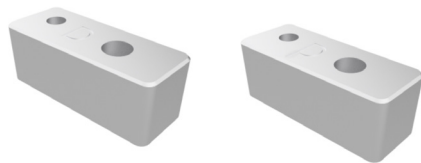
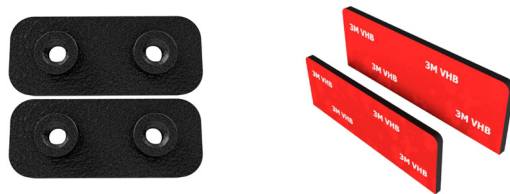
THANK YOU for purchasing this Prinsu product. Please read through this entire document before proceeding with installation. If you are not confident in your mechanical skills, please seek the help of a professional to perform the installation. Check your packages immediately upon arrival to ensure that 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.***

IMPORTANT!

If your Prinsu product comes as unpainted, bare steel or aluminum. You will want to either powder coat or paint prior to final installation, however it is very important to PRE-INSTALL the unpainted product first, following these instructions, BEFORE painting or powder coating any of the components! This will ensure that all parts are correct and any incidental trimming or drilling will have been done prior to coating. Also, it will give you a practice run to familiarize yourself with the process, to lessen the likelihood of damaging the finish during final installation. Prinsu is NOT RESPONSIBLE for paint or powder coating costs, damage to paint or powder coating, or costs associated with inadvertently painting or powder coating components that are defective or were shipped or assembled in error. It is the customer's responsibility to pre-install and verify that all parts are correct prior to paint or powder coat

Hardware

Mounting Hardware	
DESCRIPTION	QTY
M8-1.25 x 40 mm Steel Hex Flange Bolt Zinc	5
M8-1.25 x 20 mm Steel Hex Flange Bolt Zinc	5
1/4"-20 x 1" Steel 6-Lobe Pan Machine Screw Black Zinc	16
1/4" x .557" - .567" x .044" - .052" Steel Flat Washer	16
Wind Deflector Hardware	
DESCRIPTION	QTY
1/4"-20 Steel T-nut Plain	12
1/4"-20 x 1/2" Steel Pan Head Phillips Black Zinc	12
1/4" x .557" - .567" x .044" - .052" Steel Flat Washer	12
52" Cross Bar Hardware (For 11 Cross Bars)	
DESCRIPTION	QTY
1/4"-20 Steel T-nut Plain	12
1/4"-20 x 1" Steel 6-Lobe Pan Machine Screw Black Zinc	46
1/4" x .557" - .567" x .044" - .052" Steel Flat Washer	46



Tools Required

- Black RTV Silicone
- Flat Head Screwdriver
- T-30 Torque Bit
- Phillips Head Screwdriver
- 7/16" Wrench
- 12mm Socket or wrench
- 13mm Socket or wrench
- Side Cutting Pliers

Note for Dealers and Installers:

It is your responsibility to ensure instructions are given to the end user or client.

Questions?

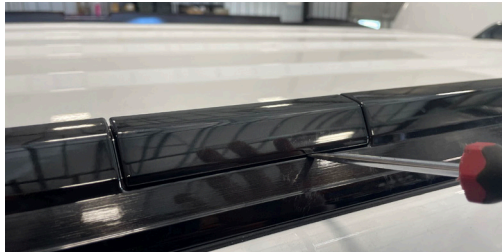
Call: 866-522-0697
Email: info@cbioffroadfab.com

1. Prep and Layout

- First step is to lay out a soft blanket to protect your pieces and keep them organized. Unpack the box that your Prinsu Rack came in and confirm that you received all of the hardware and bracketry listed above.
- Now take all of the black bolts and prep them with a black washer and a drop of Vibra-tite.
- Next bolt the front side rail to the rear side rail using the side rail connector bracket make sure to use the top two holes and the Torque bolts. Just snug them up don't over tighten.
- Install the mounting feet to the appropriate side rail. The brackets are labeled as such only mount the DM, DR, PM, and PR feet for now.
- Df-driver side front, DM-driver middle, DR-driver rear, PF-passenger front, PM-passenger middle, PR-passenger rear. Only mount the DM, DR, PM, and PR feet for now.
- Repeat on the other set of side rails.

2. Mounting Rack to the Vehicle

- Locate the plastic covers on your factory rack, there should be two on each side.
- Take a flat head screwdriver and pry the covers off like the photo below.



- Remove the factory bolt in all four locations.



- Apply some black RTV silicone into the exposed roof holes and install the supplied mounting block with the longer M8 Bolt in the holes where you just removed the factory bolts.
- Now hold the appropriate side rails in place (side rails will be installed on the outside of the factory roof rack rails) and mount to the blocks using the shorter M8 bolts with some Vibra-Tite applied.
- Repeat on both sides
- Now you can start installing the cross bars into the smaller slots in the side rails. Cross bars will be mounted using the Torque head bolts. Start all bolts by hand and tighten down with a T-30.
- Now we can install the DF, and PF mounting feet. Clean the area where the 3m tape will contact the roof and the mounting foot.
- Apply 3m tape to the bottom of the mounting foot
- Line up the mounting holes and adhere the foot to the roof and install the mounting bolts in the side rail.
- The silver colored cross bar will be installed on the wind deflector. Slide 5 T nuts into the top channel and 5 into the bottom channel and line them up with the holes in the wind deflector.
- Set the wind deflector on top of the silver cross bar and line up the holes with the t nuts.
- Start the Phillips head bolts, once all the bolts are started tighten them down.
- Now install noise reducing trim onto the wind deflector and trim off the excess.
- The wind deflector is now ready to be installed onto the vehicle.
- Double check the alignment of the rack and make sure all bolts have been tightened down.



792 E Iona Rd.
Idaho Falls, ID 83274
cbioffroadfab.com
208.528.0664