

Roof Rack Installation Guide



2nd Gen Nissan Frontier Crew Cab

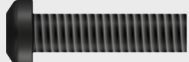
THANK YOU for purchasing this Prinsu product. Please read through this entire document before proceeding with installation. If you are not confident in your mechanical skills, please seek the help of a professional to perform the installation. Check your packages immediately upon arrival to ensure that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

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Hardware

(A) x 28

1/4"-20 x 1" 6 Lobe Pan Head Screw



(B) x 38

1/4" x .625 OD Flat Washer



(C) x 10

1/4"-20 T Nut



(D) x 10

1/4"-20 x 1/2" Phillips Pan Head Screw



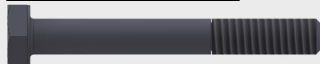
(E) x 8

1/4"-20 Steel Pre Bulbed Plus Nut



(F) x 8

1/4"-20 x 2" Steel Hex Cap Screw



(G) x 8

1/4" x 0.734" OD Flat Washer



(H) x 4

1/4"-20 x 3/4" Steel Carriage Bolt



(I) x 8

Aluminum Spacer: 1/4" x 1.375 OD x 3/8" Long



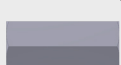
(J) x 4

1/4"-20 x Steel Nylon Insert Locking Nut



(K) x 1

1-1/8" Steel Coupling Nut



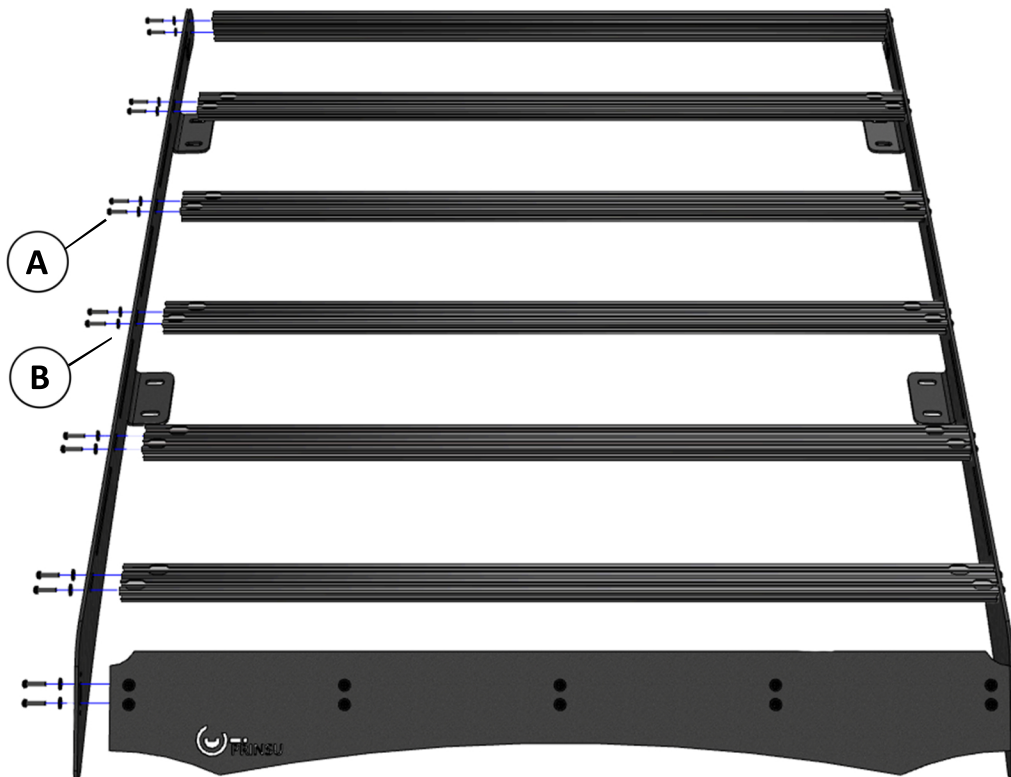
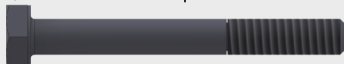
(L) x 3

Vibratite Tube

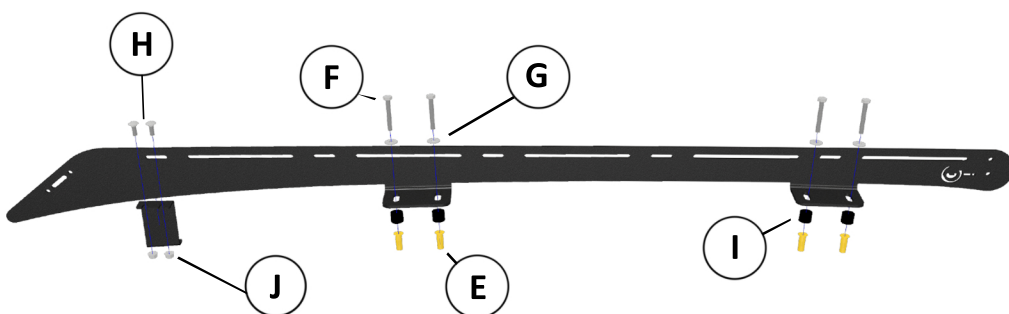
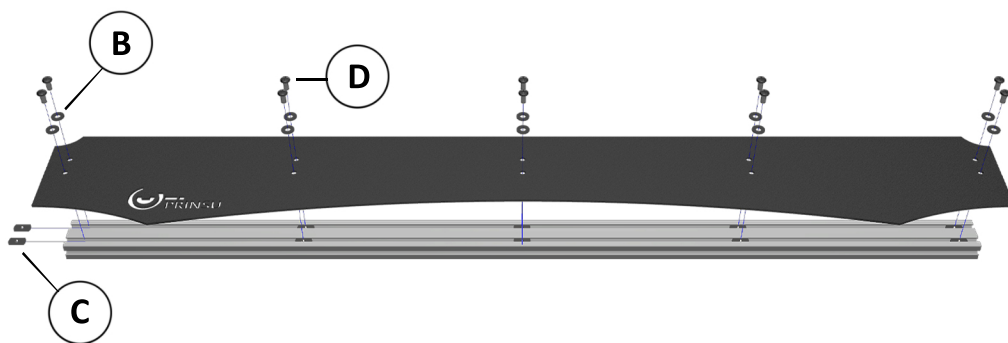


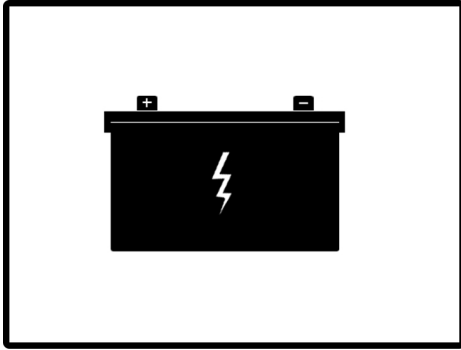
(M) x 1

1/4"-20 x 2" Steel Hex Cap Screw

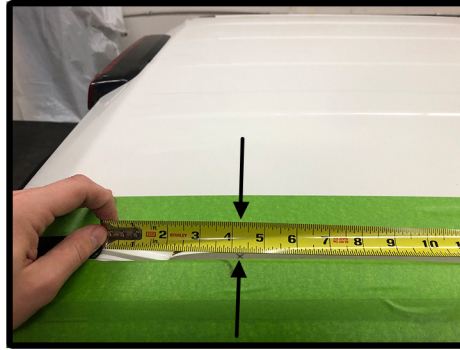


*NOTE: The appropriate torque for a 1/4 - 20 grade two bolt is between 37 - 43 in-lbs. Which is approximately 3 ft- lbs. The heads will shear off between 15-20 ft-lbs. Use caution when using power tools.





Before beginning work it is recommended to disconnect the battery



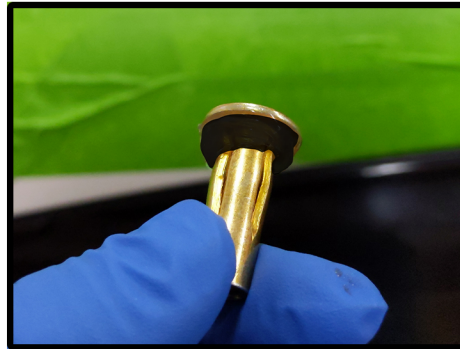
Measure 4.25" from the black plastic trim as shown above and mark both the driver & passenger sides



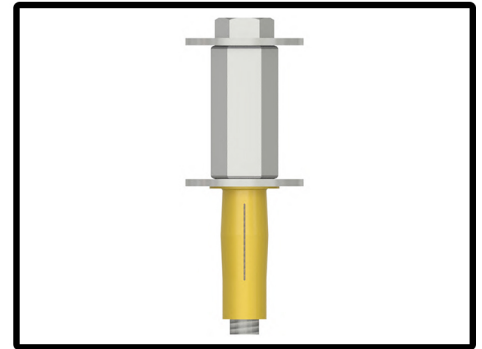
Using a spacer trace out the area around it to trim out factory sealant



Factory sealant removed



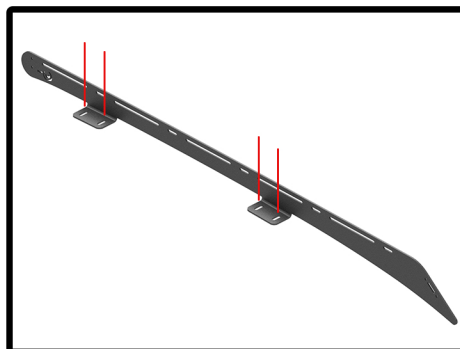
Apply a thin ring of silicon around the edge of the plusnuts



Using the supplied hex coupler (K) washers (G) and bolt (M) tighten the plusnut firmly by hand



Place in hole & compress with a 1/2" wrench around the hex coupler and 7/16" wrench for the bolt



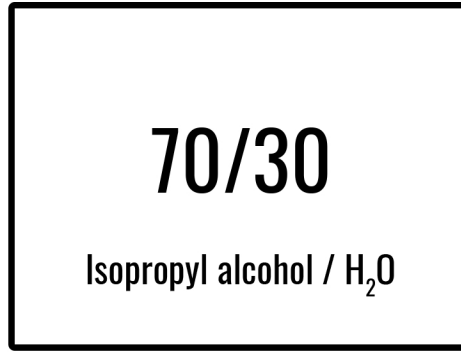
Now place the side rails on the vehicle and bolt in the rear. You can now mark and drill the remaining locations.



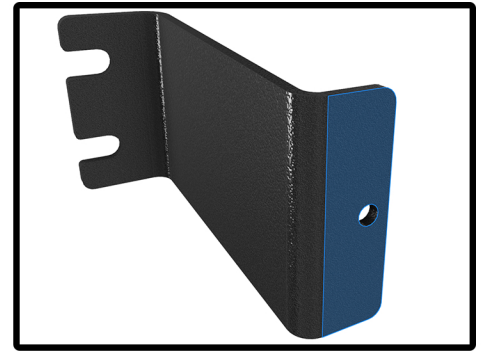
Align the front mounting foot with the first small slot in the side rail. Mark around it to trim out the sealant



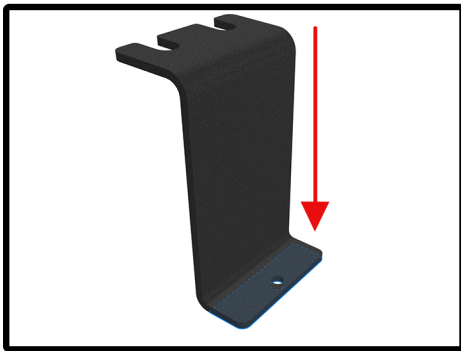
Trim out the sealant to expose the bare metal for the 3M™ tape to adhere to.



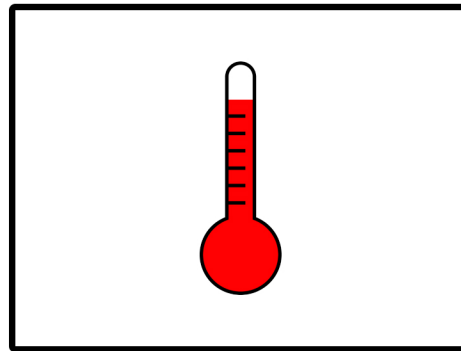
Prep the surface by lightly scuffing it with scotch-brite™. Then Clean the surface with a mixture of isopropyl alcohol and H₂O.



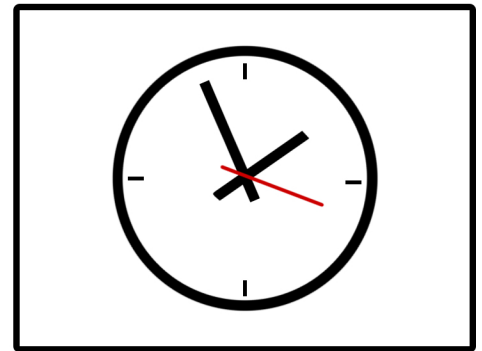
Remove the backing from one side and place it on the bracket as shown. Apply light even pressure over the whole surface to facilitate proper adhesion.



Remove the backing from the otherside and place the bracket on the roof. Apply light even pressure over the whole surface to facilitate proper adhesion.



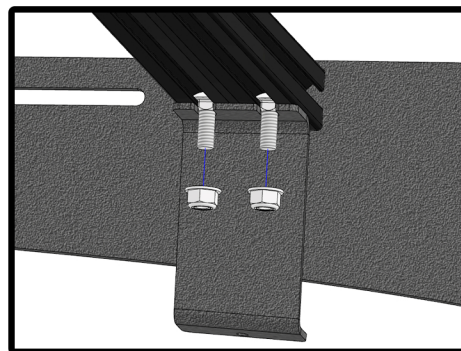
For best results a temperature range of 70° F - 100° F is recommended at the time of application (*)



1 hr of set time will allow for the tapes' bond strength to build up to 75% of its ultimate bond strength (*)



Apply a liberal amount of silicon over the plusnuts, place your spacers down, and then bolt on the rack.



After the recommended 1 hour has passed attach the mounting foot to the crossbar in the order shown above.



Before your 1st drive double check all fasteners to insure they are fully secured and then periodically there after over the lifetime of your rack.