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!
ASSEMBLING THE RACK

We recommend assembling the rack completely on a level surface prior to installation on the vehicle. This will help certify that all parts are properly aligned and even. Assembling the rack on the vehicle of the roof may cause unsatisfactory results which may cause wind noise or rack failure.

Start by connecting the crossbars to the side rails. Install the front, rear, and middle crossbars first to ensure that the rack is square. Tighten all crossbars loosely as shown in the picture and then go around and tighten them in even increments.

Layout all the parts including accessories you may be installing such as a lightbar, or other hardware to attach accessories.

Once the crossbars are all installed and tight, check the rack to make sure it is square. You can do this by comparing diagonal measurements from corner to corner. Once the rack is tight and square move on to the next steps and assemble the wind deflector.

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ASSEMBLING THE WIND DEFLECTOR

We recommend assembling the rack completely on a level surface prior to installation on the vehicle. This will help certify that all parts are properly aligned and even. Assembling the rack on the vehicle of the roof may cause unsatisfactory results which may cause wind noise or rack failure.

Locate the correct hardware bag containing (10) tnuts, lock washers, flat washers, and phillips machine screws.

Locate the clear anodized crossmember that will be used as the support for your wind deflector. (Some models may have a black anodized bar)

Install the hardware from step 1 through the wind deflector as shown in steps 3 and 4. The screws should just barely thread into the tnuts.

Locate the screw, lock washer, flat washer, deflector, tnut. The screw should be loosely threaded into the tnut.

Lay the deflector on a flat surface so that the tnuts are facing up. From one end start sliding the extrusion bar so that the tnuts feed into the channel. The fit is tight but if everything is lined up properly it will slide right on

Once all tnuts have been fed into the channel and the extrusion bar and deflector are flush on both ends, turn the assembly over and tighten the screws till the lock washers are compressed. The defelctor can now be bolted to the rack.

Complete step 3 for all ten mounting holes on the the wind deflector. The correct order is screw, lock washer, flat washer, deflector, tnut.

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INSTALLING THE RACK

Please see the help of another individual when lifting the rack onto your vehicle. Attempting to place the rack on your vehicle without additional help may result in personal injury or damage to your vehicle or rack. PrInSu Design Studio is not liable for any personal or property damage resulting from improper installation.

Place the rack on the spacers that were placed in silicone during the vehicle prep. It is best to have someone help lift the rack onto the truck.

Secure the rack to the truck by using the 8M x 1.25 Hex bolts, lock washers and flat washers. Make sure to attach the rack loosely at all points before tightening any.

Make sure the rack is centered and loosely secured at all mounting points. Once the rack is in the desired location. Tighten each bolt till the lock washer is fully compressed and spacer is firmly seated against the roof.

The rack is now ready for use. Make sure to check all connections after roughly 100 miles of highway driving or 20 miles of offroad to ensure that all connections are secure. We recommend this as a precaution but have never had any issues.

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ACCESSORIES AND ADD-ONS

The universal nature of the TSLOTS aluminum extrusion crossbars allows for the attachment of various accessories. Because we cannot control how or what accessories are installed we do not take any responsibility for their performance or use. Please use good judgement when outfitting your roof rack. Below are shown some basic uses we have found suitable for the PrInSu Design Studio Roof Racks.

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