



Full length roof rack installation

2010-2018 4Runner

Version 1.1 – 2017

Thank you for purchasing the Southern Style OffRoad full length room rack for the 2010-2018 4Runner.

Included Content:

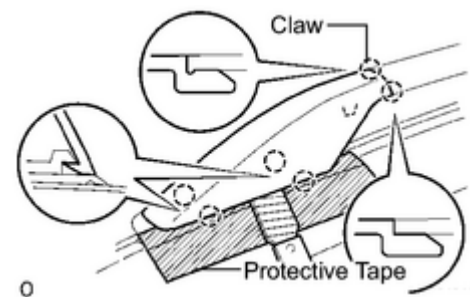
- (6) ¼-20 button head per cross bar (8 cross bars=48 bolts)
- (7) 3" wide extrusions (standard)
- (1) 2" wide extrusion (for use over satellite antenna)
- (8) 3/8x16 button head
- (8) 1" aluminum spacers
- (4) mounting brackets
- (2) front support brackets with rubber foot
- (4) ¼-20 button head bolts for front support brackets
- (2) side rails
- (2) wind fairing brackets
- Edge trim with bulb
  
- Additional cross bars ((6) ¼-20 bolts per cross bar)
  
- Lights
  - Rigid
  - Baja
  
- Additional tools required:
  - 12mm socket/wrench
  - 3/8" extension
  - 3/8" drive ratchet wrench
  - Small flat screwdriver or interior trim panel removal tool

Begin installation by carefully unpacking the roof rack from the box and removing protective materials. Verify all required hardware and optional accessories are included.

Next, remove your oem roof rack.

#### 1. REMOVE ROOF RACK LEG COVER FRONT LH

(a) Put protective tape under the roof panel.



(b) Using a scraper, disengage the 6 claws and remove the leg cover.

Fig 3.1

#### **HINT:**

Tape the scraper tip before use.

#### 2. REMOVE ROOF RACK LEG COVER FRONT RH

#### **HINT:**

Use the same procedures described above for the LH side.

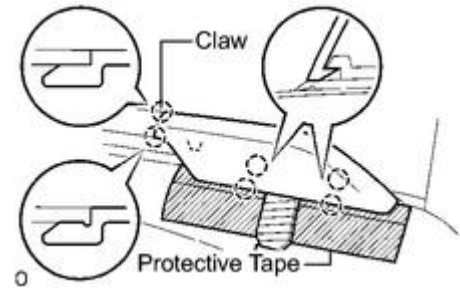
#### 4. REMOVE ROOF RACK LEG COVER CENTER RH

#### **HINT:**

Use the same procedures described above for the LH side.

#### 5. REMOVE ROOF RACK LEG COVER REAR LH

(a) Put protective tape under the roof panel.



(b) Using a scraper, disengage the 6 claws and remove the leg cover.

Fig 4.1

**HINT:**

Tape the scraper tip before use.

**6. REMOVE ROOF RACK LEG COVER REAR RH**

**HINT:**

Use the same procedures described above for the LH side.

**7. REMOVE ROOF RACK ASSEMBLY LH**

(a) Remove the 5 bolts and roof rack assembly.

**8. REMOVE ROOF RACK ASSEMBLY RH**

(a) Remove the 5 bolts and roof rack assembly.

After removing the factory rack, you'll want to run a heavy bead of silicone around the plastic locater. Press the 1" aluminum spacer firmly into place at all oem bolt locations.



Fig 5.1



Fig 5.2



Install the front support brackets and rubber foot on the inside of each side railing as shown.



Fig 6.1

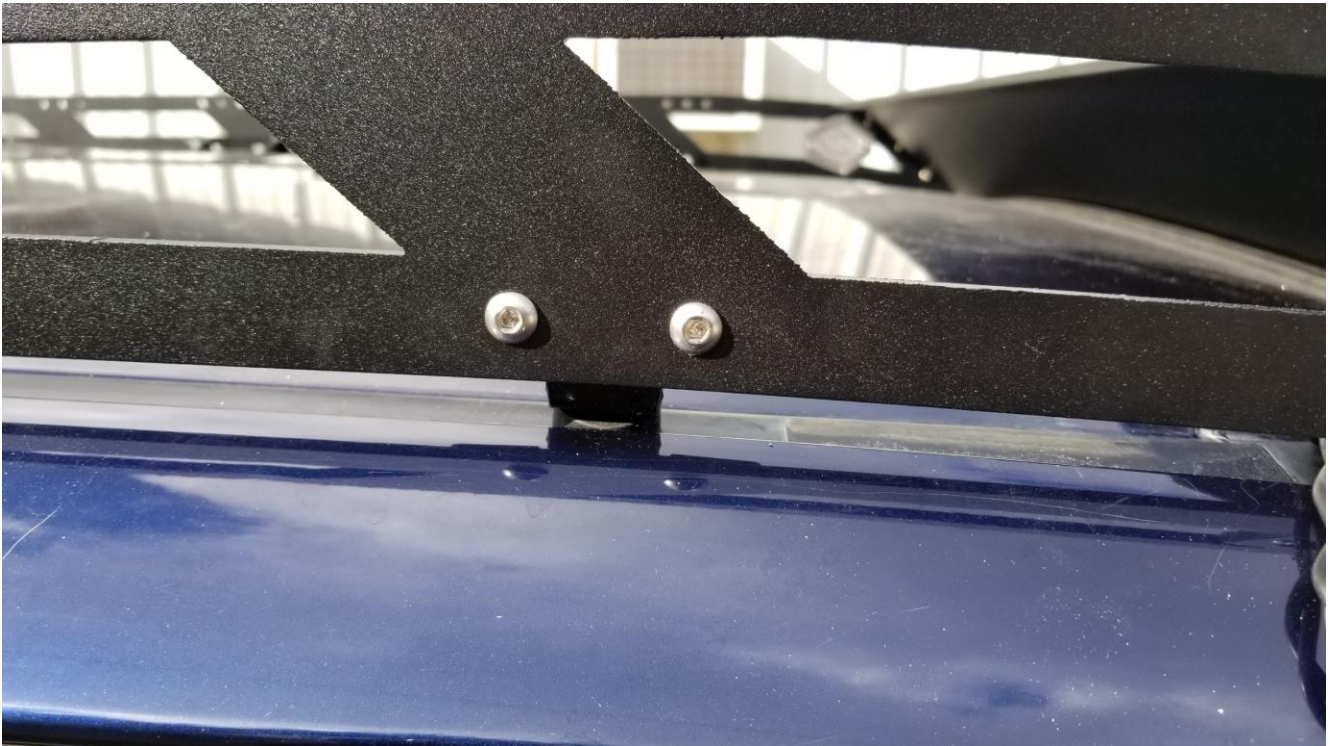


Fig 6.2

Loosely bolt in the mounting brackets. If you'll space the bracket as shown from the beginning, installation of the wind fairing and cross bars will go much easier. Install the side railings using the supplied 3/8" button head bolts. You will use the 4 oem bolts per side, 2 each bracket. Front brackets install using 1/4"-20 button head bolts. **Keep all bolts relatively loose UNTIL the installation of the wind fairing and front support feet. This rack was designed with a small amount of pressure towards the front for rigidity.**

Front brackets



Fig 7.1



Middle brackets



Fig 8.1

Rear brackets



Fig 8.2



Install the provided edge trim (Fig 9.1), bulb down, on the bottom lip of the wind fairing as shown. Also, pre install the wind fairing side brackets, LOOSELY, with the bolts circled in red (Fig 9.2)

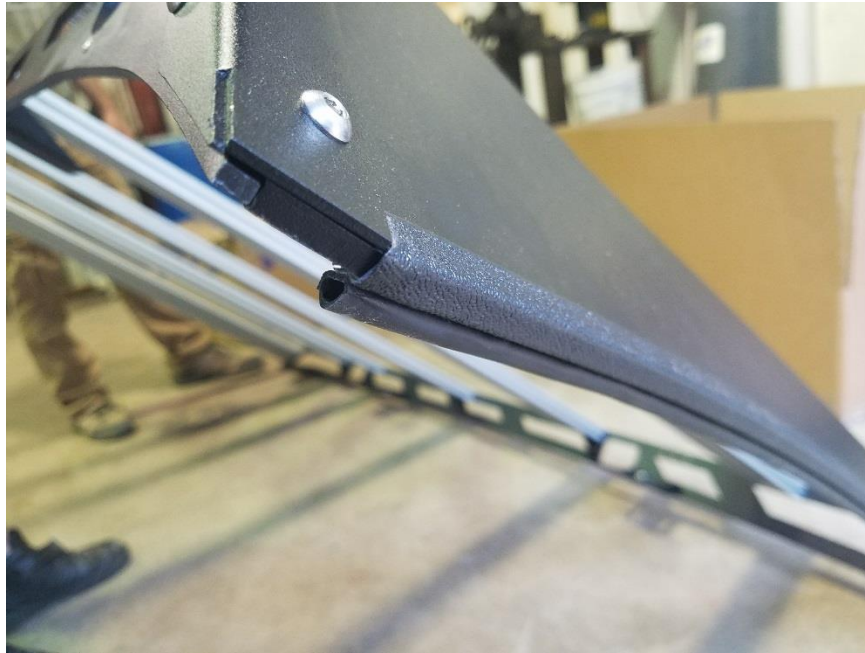


Fig 9.1



Fig 9.2



Fig 10.1

Using a friend's help, slip the wind fairing with side brackets installed over the side rails already LOOSELY bolted to the truck. Secure using the supplied  $\frac{1}{4}$ "-20 button head bolts at the two bolt locations circled in red above (Fig 10.1).

The single 2" extrusion is intended for use over the satellite antenna. Fig (10.2)

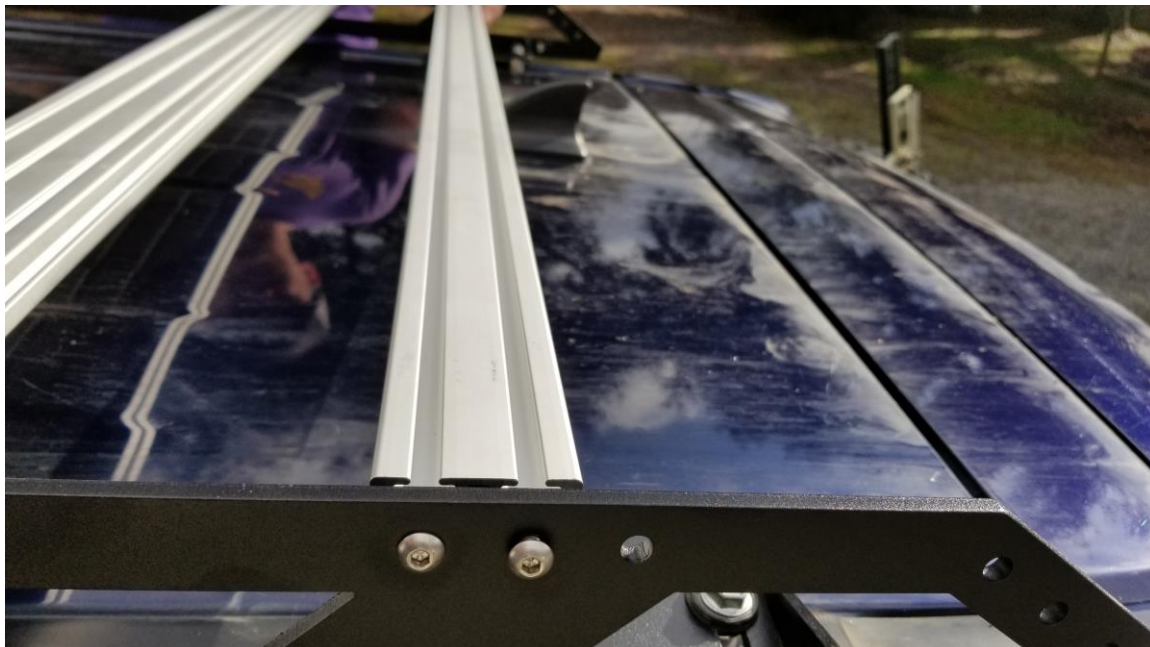
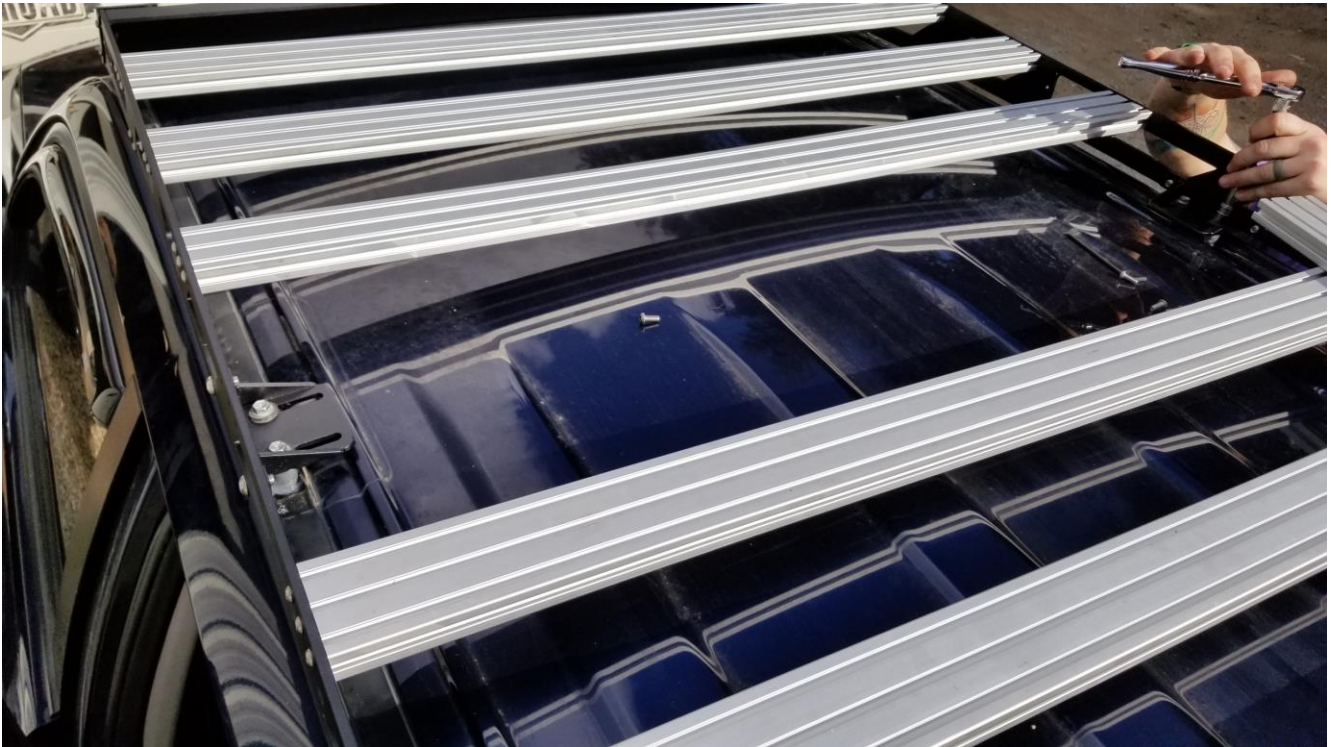


Fig 10.2



Install each cross bar in the location that suits you. If you plan on spacing them out, we recommend making sure you have some installed over or near the lower mounting brackets. This will give it the most rigidity. Use the supplied ¼-20 button head bolts for this.

Leave this cross rail for last (Fig 11.1). This way you'll be able to finally tighten down all bolts once squareness is achieved on the vehicle with all other parts installed.



After final assembly, check the side to side of the rack compared to the truck to make sure it is square and not off center. Tighten down the 12mm m8 bolts at all locations and add another generous amount of silicone to completely seal in openings that could drip water onto your headliner.

We've also included some ¼-20 carriage bolts that can be slipped into the extrusions to attach any number of items to your roof rack.

The following pictures show final assembly and fitment with all optional cross bars installed.







