



Full length roof rack installation

2003-2009 GX470

Version 1.1 – 2017

Thank you for purchasing the Southern Style OffRoad full length room rack for the 2003-2009 GX470.

Included Content:

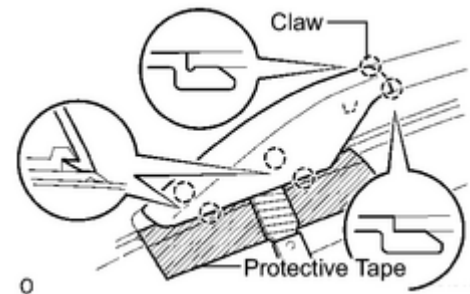
- (6) ¼-20 button head per cross bar (8 cross bars=48 bolts)
- (12) 3/8x16 button head
- (4) m8 1.25
- (12) 1" aluminum spacers
- (6) mounting brackets
- (2) side rails
- (2) wind faring brackets
- Edge trim
  
- Additional cross bars ((6) ¼-20 bolts per cross bar)
  
- Lights
  - Rigid
  - Baja
  
- 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.

#### HINT:

Tape the scraper tip before use.

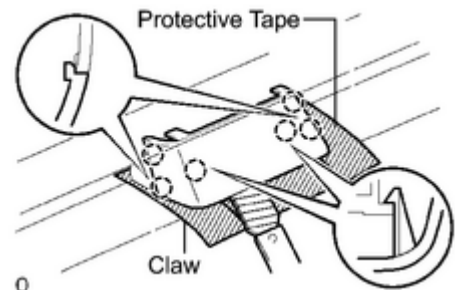
### 2. REMOVE ROOF RACK LEG COVER FRONT RH

#### HINT:

Use the same procedures described above for the LH side.

### 3. REMOVE ROOF RACK LEG COVER CENTER LH

(a) Put protective tape under the roof panel.



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

**HINT:**

Tape the scraper tip before use.

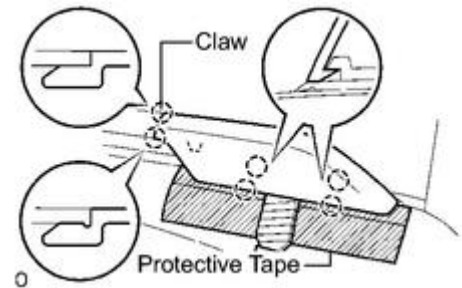
**4. REMOVE ROOF RACK LEG COVER CENTER RH**

**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.

**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.

Loosely bolt in the 6 steel lower brackets, using the supplied m8 bolts and 1" aluminum spacers. You'll want to run a heavy bead of silicone around each of the spacers both top and bottom after finally tightening the bolts down.





You'll notice the brackets are slotted to allow for adjustability for squareness. Generally though, the front brackets will need to be pushed all the way inwards and the rear brackets will be pushed all the way outward.

Front brackets





## Rear brackets



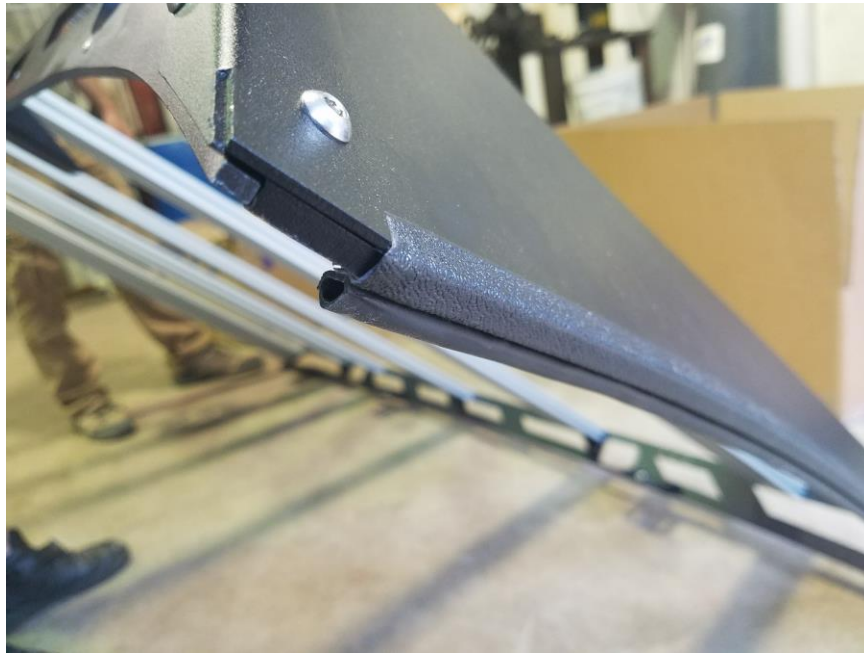


After applying the silicone on the bottom of the aluminum spacers, allow it to cure for some time before jostling them around. Once cured, install the side railings using the supplied 3/8" button head bolts. You will use 6 bolts per side, 2 each bracket.



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 1/4-20 button head bolts for this.

Install the bulb edge trim onto the bottom of the wind fairing as shown.



Finally, with the remaining ¼-20 bolts, install the wind fairing to the side rails using the supplied left and right brackets.





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.





