

XJ ROOF RACK INSTALLATION INSTRUCTIONS

TOOLS NEEDED

- 7/32 & 3/16 Allen

HARDWARE

Roof Mount Hardware

- 5/16-18-5/8 Button Head (6)
- 1/4 USS Flat Washer (6)

Roof Rack Assembly Hardware

- 1/4-20-3/4 Button Head SS (60)
- 18-8 Washer SS (60)
- 1/4-20 Serrated Flange Nut (28)
- 316 SS Washer for M8 Screw Size (12)
- M8-1.25-25mm Button Head (12)
- Rubber Push-in Bumper (4) (Used for a different rack -not needed)
- 80/20 Slide-in T-Nut (4)
- 18-8 SS Button Head 1/4-20 SS (4)

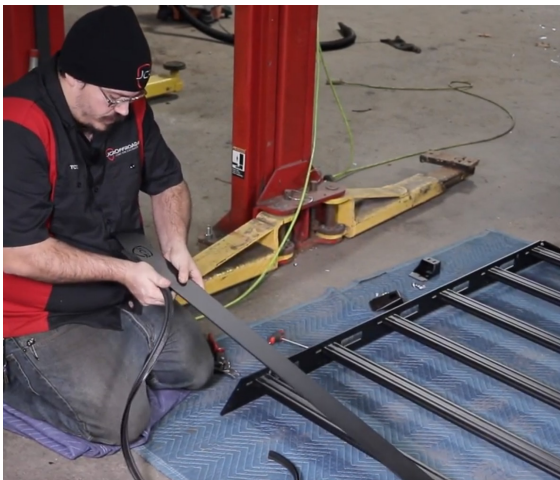
**Please read the mounting instructions below
carefully before attempting to install.**

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- 1 Assemble the rack on the ground. It's easier to assemble the rack first then install it as one piece on the Jeep. Be sure to orient the crossbars with the milled t-slot holes facing up. This will allow you to add t-nut hardware for mounting gear later. Bolt the crossbars to the side rails using the 3/4" button head bolts and washers.**



- 2 Install the edge trim on the front and rear fairings. Loosely install the trim on the front fairing from point to point and trim the excess with a pair of tin snips. The leftover will be installed in the center of the rear fairing.**



- 3** Bolt the fairings on the rack, using the same 3/4" button head bolts and washers as the crossbars, with the addition of flange nuts on the inside (3 per side for the front fairing, 2 per side for the rear). For now, position the fairings up as high as they will go and snug the bolts. We will adjust them down once the rack is on the roof.



- 4** Now install the mounts using the same hardware as the fairings. All of the mounts will be the same. Install them on the inside of the side rails, with the mount bending outward.



- 5** With the help of a friend, place the rack up on the Jeep with the mounts sitting in the drip rails.



- 6** Position the rack from front to back on the roof, as pictured. Install the outer mounting brackets, leaving them loose until you have all of them started. We recommend using red Loctite on the side outer bracket bolts. You could also put rubber or liquid electrical tape on the outer mounts to keep them from marring your paint.



- 7** Adjust the rack up and down at each mount to level the rack. Then tighten up all of the mounting brackets. Adjust the fairings down firmly against the roof. This will prevent them from flexing at higher speeds. Dirt/debris can get stuck in the edge trim over time and could wear on your paint. You can use 3M clear protection film on your roof under the fairings to protect it.



- 8** If you are installing a light bar, install the mounting brackets onto your light bar (40" single row) oriented as shown below.



- 9** Slide two t-nuts into each slot on the front crossbar. Bolt the light bar mounting brackets to these t-nuts using the 1/4" bolts and washers. Position your light bar and tighten down all of the hardware.



- 10** Make sure all of your hardware is tightened and enjoy your new roof rack!