



JW off road is not responsible for any damages or misuse of our mounts. Or user error.

## BEFORE CONTINUING BE SURE TO KNOW

We are not liable for roof top/ roof nor any vehicle damages this may cause.

## Tools needed:

**Allen / Hex tool kit, 14mm wrench, 11mm wrench, Silicone**

### Included Hardware: **7 RAIL SYSTEM RACK**

- 1. 50x** 1/4-20 x 3/4" Button Head Stainless steel bolts
- 2. 12x** 8x50 Bolts (bolts to roof)
- 3. 12x** 3/8 Button Head Stainless steel bolts. (used on sides to bolt up to foot print)
- 4. 12x** 14mm nuts (used for sides to bolt up to footprint)
- 5. 24x** 5/16 Grade 8 washers. (use these under 1" spacers if missing OEM black spacers)
- 6. 1x** deflector hangar.
- 7. 1x** deflector bracket 3" rail
- 8. 3x ea.** Hangar Bracket Hardware.
- 9. 6x** footprints. (bolts up to stock roof mounting points)
- 10. 12x** Aluminum 1" spacers.
- 11. 2x** Elbows to mount wind deflector to sides.
- 12. 1x** Wind Deflector.
- 13. 5x** 3" cross rails **2x** 2" cross rails
- 14. 2x** Roof rack sides.

# STEP 1

Remove Stock Roof rack by sliding/ prying off all 4 corners and center/ middle face plates to expose to un bolt from roof.



## STEP 2

Using the black OEM spacers from the mounting bolts (use our 5/16 spacers if missing) place around the exposed sleeves.



Add silicone inside and around, then place the 1" Aluminum spacer.



### STEP 3

Add footprints ontop of spacers and carefully insert the 8x50mm Bolts with 5/16 washers.

**LEAVE ALL BOLTS LOOSE.**



Repeat for all foot prints (leave bolts loose to allow adjusting)

## **STEP 4**

**Once all footprints are mounted on vehicle, Now add the Sides using the 3/8 Bolts and nuts.**



**Leave loose to allow adjustments.**

## STEP 5

Add cross rails in the order below.

**(placing the rails in this order will make for a tighter stronger structure)**



**First Add the Deflector Hangar bracket to a 3\" cross rail that will be mounted in the very front of the rack**



**Carefully bolt up the first 3" rail with hangar brackets installed. Then space out the rest of the rails in the order above.**

**(LEAVING ALL BOLTS LOOSE)**



**Once all rails are mounted.**

**Add the Deflector hangar onto the deflector using ¼" bolts.**



Then add the 2x elbows. With all the side bolts loose this will allow you to be able to insert the wind deflector in between the 2 side rails.

Once you have deflector and elbows in place use the ¼" bolts, press down on the elbow and tighten.





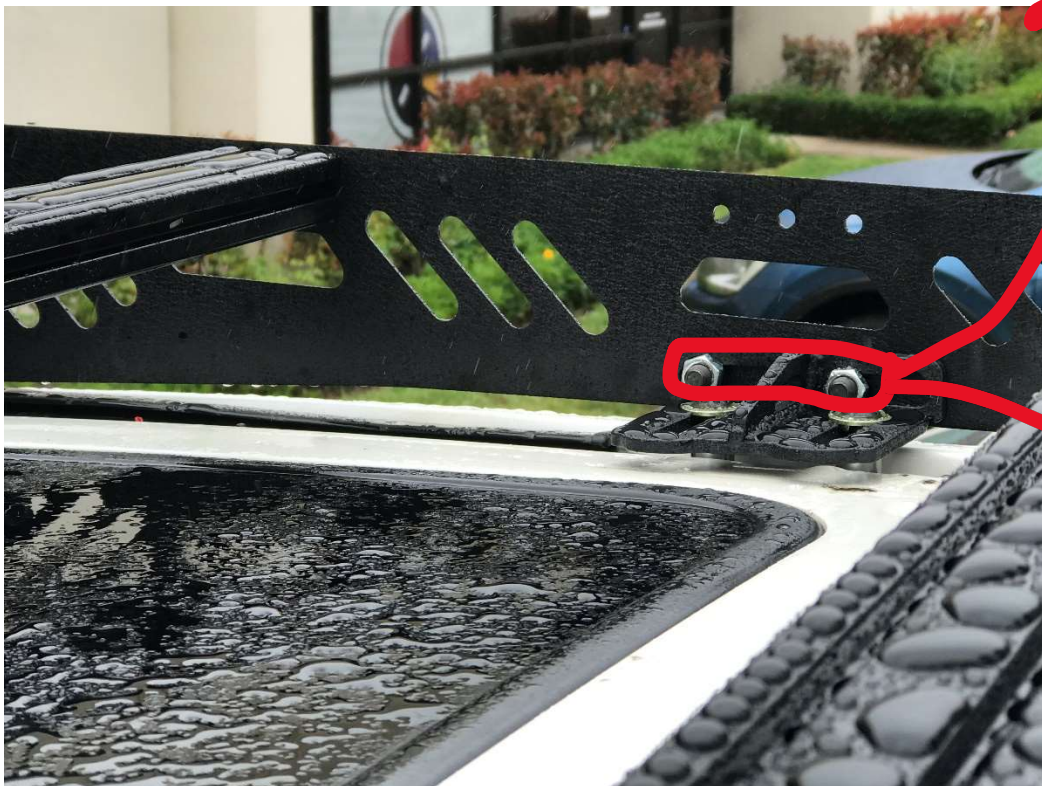
## Step 6

Tighten all  $\frac{1}{4}$ " bolts on the side of rails, leaving only the  $\frac{3}{8}$  mounting bolts and 8x50 footprint bolts loose.

This will allow you to move the whole rack forward or backwards so you can end up with the rack in this position.



Once satisfied with placement tighten the sides  $\frac{3}{8}$  Mounting bolts.



And 14mm nuts.

## Step 7

Once all side bolts are tightened. Square out the rack by moving it side to side leaving you. 2 1/8" spacing from the rear inner section of the rack sides to where the paint meets the rain gutter.



Once your all squared. Tighten the Main footprint bolts (8x50) through the roof.



**Final step is to bolt up the wind deflector bracket .**



**Press down on the visor to meet hangar bracket.**

**Once tightened, Your all Done, so get out there and enjoy your New Rack!**

## **WARRANTY**

Under normal and reasonable use, Mounts produced by JW Off Road are warranted against STRUCTURAL DEFECT in material as long as the ORIGINAL owner/purchaser owns the mount with receipt. Some areas on the mount may include blemishes as it should be, as it is made 100% in house and working fab shop.

This warranty is limited to the **repair or replacement** of mounts, at the discretion of JW Off Road, for any mounts determined to be defective and covered under warranty. Installation costs, transportation costs or loss of use is not covered under this warranty. Accessories determined to be defective in workmanship or materials while the mount is under warranty will be repaired or replaced. Mounts will not be replaced due to defects in accessories.