



**OFD**

OFFROAD FABRICATION

## ROOF RACK WITH LADDER

### **INSTALLATION INSTRUCTIONS**

**Product code:** OFJKRRS132

**Fits to:** Wrangler JKU 18-present

## REQUIRED:

12 mm open end spanner  
5 mm allen / hex key  
T40 Torx key  
At least one good friend willing to help

Might come in handy:

12 mm socket  
12 mm close end wrench

## PREPARATION:

1. Remove packaging and place all parts of the platform on a flat surface. To prevent scratching the surface, place cardboard underneath.

2. Lay out all the roof platform parts except first front cross bar.



photo 1

3. Make sure to align cross bars correctly leaving empty slots for ladder mounting.



photo 2

## Have a question or concern?

Please contact us, we don't bite.  
Watch the bear though.

**PLATFORM ASSEMBLY:**

**4.** For the whole platform make sure to use plastic and metal washer under the bolt head. Plastic protective washers must be used to protect the paint, place it in the order shown in the picture.

No washer goes under any nuts unless specified.

Where it's possible hold the bolt key with the allen key in place while tightening. Doing otherwise might slightly damage paint.

**5.** Start from the back end of the platform. Assemble frame first.



**6.** Connect the side and back part of the frame, make sure to hold it aligned while tightening nuts. Tighten each nut to max 6 Nm.



**7.** Wrong alignment.



**8.** Correctly assembled piece.





**9.** Proceed accordingly with the other side of the frame.

**10.** Align front end of the rack frame and prepare bolts.



photo 8

**11.** Tighten each of two bolts to 6 Nm while making sure both parts are evenly aligned.



photo 9

**12.** Proceed accordingly with the other side of the frame.

**13.** Install first four cross bars starting from the back of the platform.

Tighten bolts by hand so that the cross bars can move slightly.



photo 10



photo 11

**14.** Last cross bar needs to be installed with rain gutter brackets.



**15.** Cross bar goes above the frame eyelet and the brackets must go underneath.



**16.** Tighten slightly so there is still movement possible for adjustment on the vehicle.





**LADDERS ASSEMBLY:**  
Markings explanation.

**FOR JKU RIGHT HAND SIDE:**



**17.** Each ladder has three steps. Each step requires 4 bolts and nuts. Do not use washers here.

**FOR JKU LEFT HAND SIDE:**

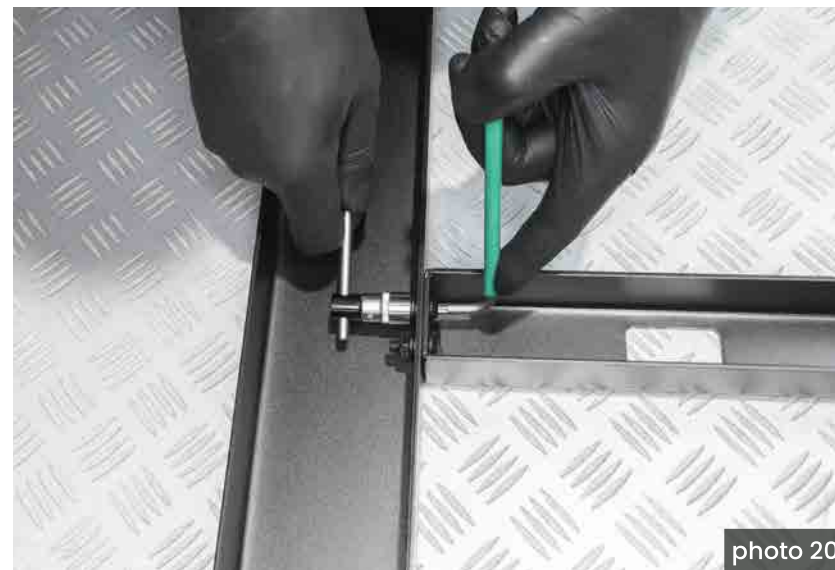


**18.** The step with the openings and holes is the first step of each ladder. Make sure to align it correctly. Tree square holes must be pointing upwards while on vehicle.



photo 19

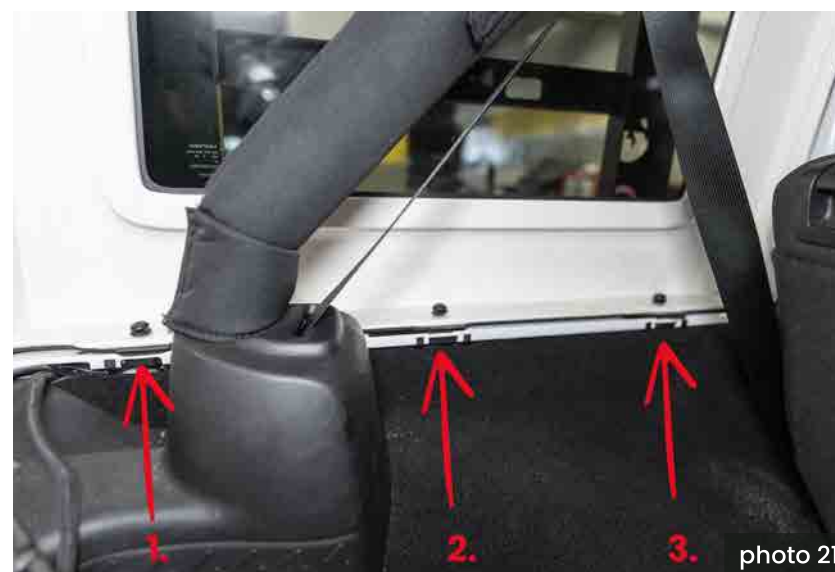
**19.** Tighten all the bolts up to 6 Nm.



**20.** Install 3 brackets to the bottom of each ladder, position them so that unmarked parts are bolted to the ladder step. Make sure not to mismatch left to right and keep them in the order shown in the picture (photo 20). Don't tighten the bolts just yet so that the bracket can move freely.

### INSTALLING THE LADDER:

**21.** Inside the boot loosen and remove all bolts that hold the hard top. There are three of them on each side.



**22.** Remove front panels by unscrewing frame fasteners and by opening all the clamps.



**23.** Loosen and remove bolts located under the front panels.



**24.** Lift the hard top about 5cm. This might need a solid tap from inside as the seals might get sticky sometimes.

**PRO TIP:** To keep the hard top on the right high you might need to stick a wooden block in the gap.

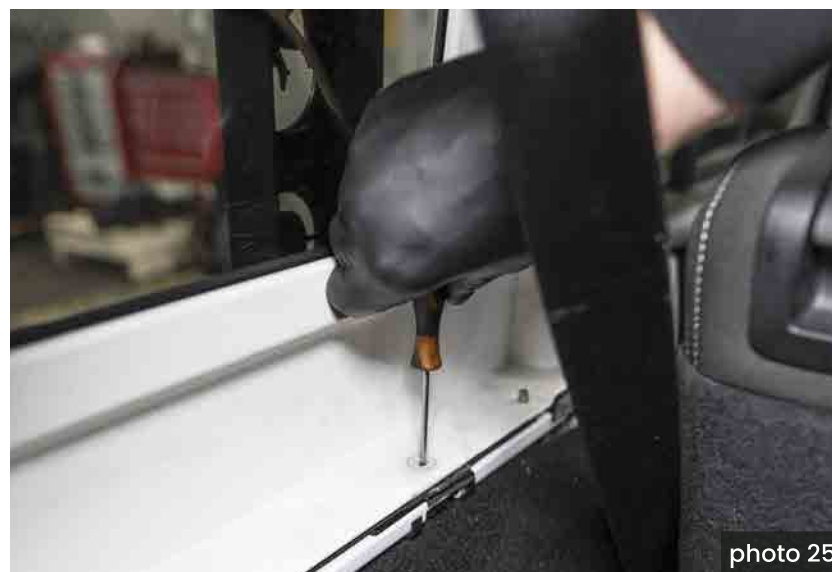


**25.** Roughly align ladder brackets with the holes in the frame, remove wooden block or whatever you have used to keep the hard top raised.

**PRO TIP: Watch your fingers.**

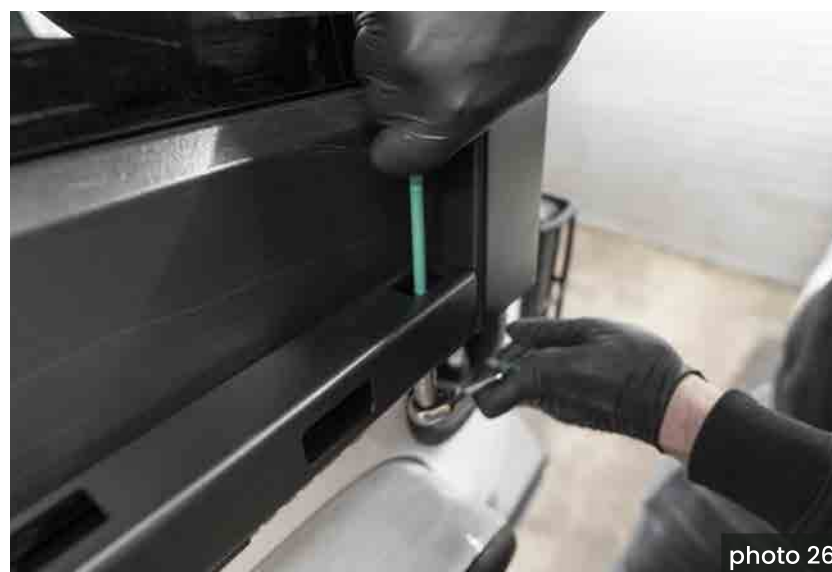


**26.** Once the hard top is dropped on the brackets use a small screwdriver to align brackets with the holes in the hard top. Insert and screw all the bolts.



**27.** Secure the hard top by tightening six bolts in the boot and two up front (see step 23).

**28.** Secure the ladder to the brackets by tightening all the bolts up to 6 Nm.



**29.** Almost there.



## INSTALLING THE ROOF RACK

**30.** Lift the rack platform and lay it on the ladders. Make sure to fit the front brackets in rain gutters.

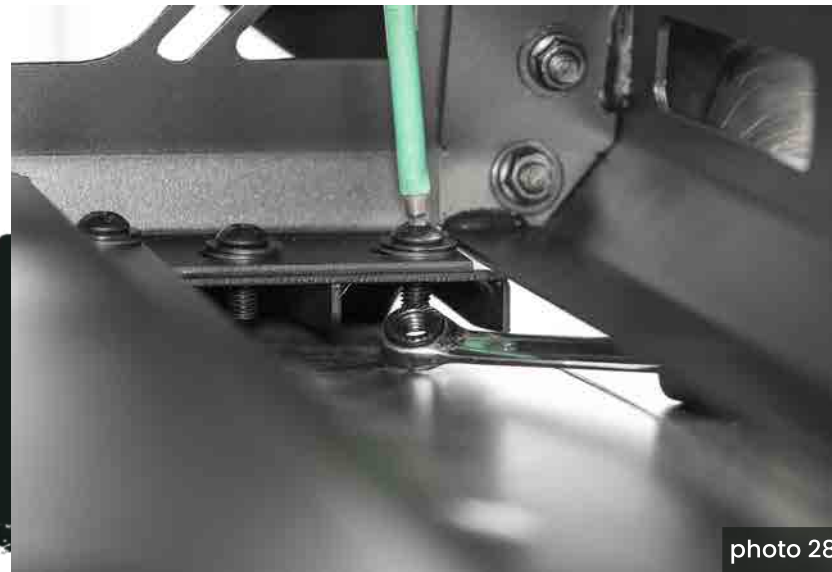
**PRO TIP: Especially on higher Jeeps you might need help from more than one friend. Getting on the side steps or inside open doors should help too.**

**31.** Align ladder bolt opening with the ones in the rack platform.



**32.** Insert bolts in each hole and secure it by screwing the nut with just few threads. Don't tighten just yet.

**Pro tip:** To feed the nut to the bolt try using close end wrench.



**33.** Gently move the rack platform to align it in the center of the roof. Notice that the back of the rack is narrower than the front, this is ok.



**34.** Prepare rain gutter brackets.



**35.** Install as shown. Tighten the bolt up to 6 Nm. Repeat the process on both sides.



**36.** Tighten bolts on each ladder and rain gutter brackets to secure the platform on the roof.

**37.** Secure the platform cross bars by tightening all the bolts up to 6Nm.

**38.** You can now install the front roof panels and enjoy the cold beverage of your choice with your friends.



*BORN IN THE WILD,  
RAISED TO BE FREE.*

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# CAUTION:

Recommended maximum platform load rate is 100 kg. Too much weight will greatly reduce the stability of your vehicle, increase the vehicle's tendency to overturn and might damage the vehicle roof.

It is necessary to evenly distribute the weight on the whole platform to reduce stress of roof structure. Secure all payloads properly for safe transportation.

The manufacturer makes no representation or warranty as to the amount of weight that your vehicle can safely carry. For guidance, we recommend that you consult the vehicle manufacturer.

Longer exposure to weather conditions and sunlight might affect the shade of product paint.

Paint scratches and chips are normal when carrying any load especially with sharp edges. Paint damage can happen when off roading but also during use on paved roads. It is the owner's duty to repaint and constantly maintain good condition of the protective coat to prevent material corrosion.

Any objects mounted outside of the car especially on the roof will cause higher wind noise. The higher the speed the higher the noise.

Periodically check all the fasteners on all your accessories. We also recommend to perform the check before every longer ride.

Each OFD product should be installed and checked for proper function by a trained and experienced professional. OFD is not responsible for any damage or harm caused by invalid installation.

Manufactured by Asports Spółka z ograniczoną odpowiedzialnością z siedzibą w Krakowie, 4 Józefa Marcika St., Kraków 30-443 Kraków, Poland.

Made in China.







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