



906- Top Hat Rack for XJ Cherokee

Bolts on with no drilling required. Works without removing OEM roof rack. Low profile design increases vehicle overall height by less than 3", when the cargo basket is removed, so you can still fit into parking garages and drive-thru's. Roof rails extend beyond vehicle side to protect vehicle side when leaning over or in an off-camber situation.

Olympic 4x4 Products are serviced by our factory. We provide answers to installation questions. We ship parts ASAP. Try us before the hassle of returning Olympic 4x4 Products to your retailer or mail order specialist. 500lb. load capacity when evenly distributed. Has light tabs mounted for the use of auxiliary lights. Will fit lights up to 3 1/4" deep from rear of light to light mounting stud.

Note: Wire auxiliary lights to the manufacturer's specifications. Just because auxiliary lights and bulbs are manufactured to SAE recommended specifications or are DOT compliant, it does not mean that they are legal for use in your state or area. Always check with your state police detachment or local vehicle inspection station to determine the rules and regulations regarding auxiliary vehicle lighting in your area.

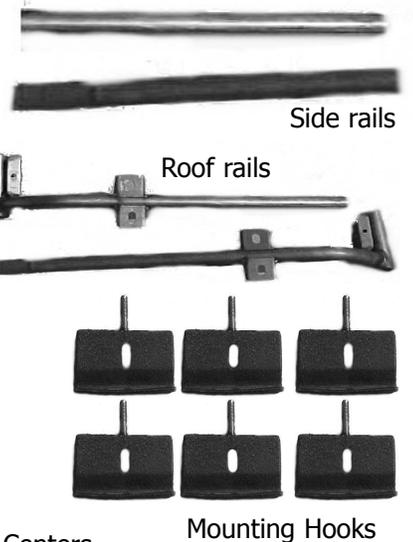
For assistance please call (800) 777-0878.

Hardware list:

- 10 3" spacer tubes
- 6 5/16" flat washer
- 6 5/16" NyLock nut
- 10 3/8" NyLock nut
- 10 3/8" eyebolt
- 40 3/8" flat washer
- 2 #14 Phillips head screw

Parts list:

- 6 mounting bracket
- 4 roof rail outers (2 male & 2 female)
- 2 roof rail centers (1 male & 1 female)
- 2 bottom rack center
- 2 bottom rack ends
- 2 top loop ends
- 4 top loop centers
- 4 Side rail halves
- 4 Plastic end caps (1.5")



Bottom Rack Ends



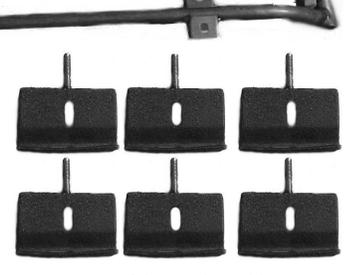
Bottom Rack Centers



Top Loop Ends



Top Loop Centers



Mounting Hooks

Tools required:

- 3/8" or 1/2" drive ratchet wrench
- Socket sizes: 1/2", 9/16"
- Combination wrench sizes: 1/2", 9/16"
- Silicon based sealant
- Heavy Grease (such as wheel bearing grease)
- 5/16" hardware uses 1/2" wrench
- 3/8" hardware uses 9/16" wrench

NOTE: It is advised that you grease all parts that slide together.

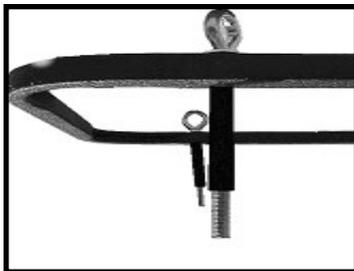
Step 1. Install bottom rack ends onto the bottom rack center by sliding them into the bottom rack center. The cross bars on the bottom rack center are welded on 3 sides to allow moisture to escape, make sure the openings of the cross bars are facing the same direction on the bottom rack center and the bottom rack ends. They should face downward when the rack is installed on your jeep. Lay completed bottom rack on the ground. We recommend that you seal all connections with silicon sealer.



NOTE: If you find it difficult to connect the rack together you may need to file down the paint on the pieces that will be installed into the bottom rack ends.



Step 2. Beside your jeep, connect top loop ends to top loop centers to make the top basket loop. We recommend that you seal all connections with silicon sealer.



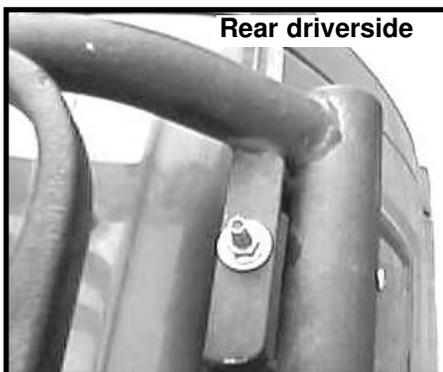
Step 3. Using 3/8" eyebolt and 1/2" round x 3" long spacer tubes, flat washers, and 3/8" NyLock nuts, bolt together the upper and lower basket. Do this by installing a flat washer on the eyebolt, slide the eyebolt through the upper basket, through flat washer, through the 3" long spacer tubes, through flat washer, through the lower basket, and install a flat washer, then fasten with the 3/8" NyLock nut.

Install the two rear left and rear right eyebolt only and not the two front and rear eyebolt or other side eyebolts at this time. Finger tighten eyebolt at this time. You may wish to seal the eyebolts, spacer tubes and holes in the basket with silicon sealer to prevent damage from the elements.



Rear driverside

Step 4. Roof rails are 2 pieces that slide together to form one piece. Place the roof rails on to the roof by placing the mounting bracket into the rain gutter on the jeep. The front and rear roof rails have tabs on each rail and the center rail does not have tabs. When placing the front and rear roof rails, place them so that the mounting brackets point toward each other (towards the center of the jeep). The center roofrail should be placed towards the middle of the front and rear roof rails.



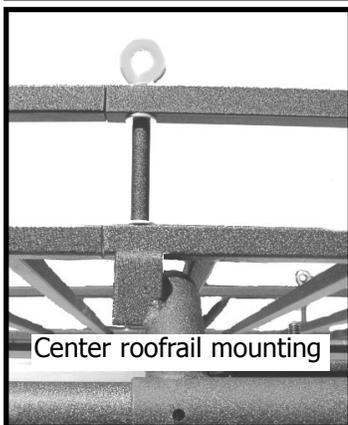
Rear driverside



Front driverside

Step 5. Install the mounting hook into the mounting bracket on the roof rails, and then install a 5/16" flat washer and 5/16" NyLock nut.

Thread the nuts on just far enough that the nylon insert is not threaded. Leave these bolts loose till later.



Center roofrail mounting

Step 6. Install completed basket on top of the roof rails. The basket will bolt to the roof rails using the tabs that are on the roof rails that are pointing towards the center of the vehicle. Install eyebolt like you did in step 3 but install the eyebolt through the basket and through the roof rail tabs and secure with flat washer and NyLock nut. When you install the eyebolt they will be installed in the outside holes in the front and the rear of the basket. Leave the eyebolts loose till later. The center roof rail will also attach to the basket with an eyebolt. If you cannot get all eyebolts in, rotate the rack 180 degrees. Cherokees are wider in the front then they are in the rear, you may need to use a ratchet tie down to compress the front crossbar so that you can bolt the basket to it. Every jeep is different, i've noticed only about 15% of the jeeps need this to be done.

NOTE: You may position the rack in any position that you like. You will be able to mount the rack as far forward as you would like, if mounting it rearward, check clearance between rack and tail gate when the tailgate is open.

Step 7. Install side rails through the roof rails by sliding them in place you must first connect the side rail halves together. You might want to use some grease on the roof rails where the siderails slide through. It is easiest to install the side rails by inserting them from the front. The last roofrail might need to be lifted up to slide the side rail into it.

Step 8. Tighten down the 5/16" NyLock nuts that are on the mounting hooks, and then tighten down all eyebolts.

Step 9. Install a #14 Phillips head screw in each of the holes in the center crossrail to secure the side rails in place.

Step 10. Install plastic end caps in the open ends of the side rails. Periodically check tightness of all hardware.

Note: For touch ups, rubicon black can be touched up with rusteloum texture black paint. Gloss black finish can be touched up with any automotive gloss black paint followed with a UV protective clearcoat.

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Hardware list:

8	3" spacer tubes
6	5/16" flat washer
6	5/16" NyLock nut
8	3/8" eyebolts
16	3/8" flat washer
8	3/8" NyLock nut
8	1/4" setscrew

Parts list:

4	front mounting bracket (long hook)
2	rear mounting bracket (short hook)
3	roof rails
1	bottom rack center
2	bottom rack ends
2	top loop ends
2	top loop centers
2	Side rails
4	Plastic end caps

Tools required:

3/8" or 1/2" drive ratchet wrench
 Socket sizes: 1/2", 9/16"
 Combination wrench sizes: 1/2", 9/16"
 Flat file (optional)

5/16" hardware uses 1/2" wrench
 3/8" hardware uses 9/16" wrench

Step 1. Install bottom rack ends onto the bottom rack center by sliding them into the bottom rack center. The cross bars on the bottom rack center are welded on 3 sides to allow moisture to escape, make sure the openings of the cross bars are facing the same direction on the bottom rack center and the bottom rack ends. Lay completed bottom rack on the ground.

NOTE: If you find it difficult to connect the rack together you may need to file down the paint on the pieces that will be installed into the bottom rack ends

Step 2. Beside your jeep, connect top loop ends to top loop centers to make the top basket loop.

Step 3. Using 3/8" eyebolts and 1/2" round x 3" long spacer tubes, flat washer, and 3/8" NyLock nuts, bolt together the upper and lower basket. Do this by installing a flat washer on the eyebolt, slide the eyebolt through the upper basket, through the 3" long spacer tubes, through the lower basket, and install a second flat washer, then fasten with the 3/8" NyLock nut. Install the two left and right eyebolts only and not the two front and rear eyebolts at this time. Finger tighten eyebolts at this time.

Step 4. Place the roof rails on to the roof by placing the mounting bracket into the rain gutter on the jeep. The front and rear roof rails have 4 tabs on each rail and the center rail does not have tabs. When placing the front and rear roof rails, place them so that the mounting brackets point toward each other (towards the center of the jeep). The center roof rail should be placed towards the middle of the front and rear roof rails.

Step 5. Install the mounting hook into the mounting bracket on the roof rails, and then install a 5/16" flat washer and 5/16" NyLock nut. Thread the nuts on just far enough that the nylon insert is not threaded. Leave these bolts loose till later.

- Step 6. Install completed basket on top of the roof rails. The basket will bolt to the roof rails using the tabs that are on the roof rails that are pointing towards the center of the vehicle. Install eyebolts like you did in step 3 but install the eyebolt through the basket and through the roof rail tabs and secure with flat washer and NyLock nut. When you install the eyebolts they will be installed in the outside holes in the front and the rear of the basket. Leave the eyebolts loose.
- NOTE:** You may position the rack in any position that you like.
- Step 7. Install side rails through the roof rails by sliding them in place. You might want to use some grease on the roof rails where the side rails slide through. It is easiest to install the side rails by inserting them from the front. The last roof rail might need to be lifted up to slide the side rail into it.
- Step 8. Tighten down the 5/16" NyLock nuts that are on the mounting hooks, and then tighten down all eyebolts.
- Step 9. Install a 1/4" setscrew in each of the nuts welded on the roof rails and tighten securely.
- Step 10. Install plastic end caps in the open ends of the roof rails.
- Step 11. Re-check tightness on all nuts and bolts.
- Step 12. Periodically check all hardware to make sure everything is tight, especially the 5/16" NyLock nuts that secure the mounting hooks to the roof rail