

KOR Safari Roof Rack

93-98 (w/ 4.0 and 5.2 engine) Grand Cherokee Packing Slip:

Contents:

- **Roof Rack**

- **Hardware as follows:**

(8) 5/16" x 1.5" long carriage bolts

(8) 5/16" flat washers

(8) 5/16" Nylock nuts

(4) 5/16" Standard nuts (for positioning rack mounts during assembly)

(4) pcs. 1.5" channel x 4" long upper brackets with two holes

(4) pcs. 2" wide x 4" long bottom brackets with two square holes

(2) 1/2" x 3" bolts for Shovel/Axe mount

(2) 1/2" coupler nuts for Shovel/Axe mount

(2) 1/2" Tube mount clamps for Shovel/Axe mount

(2) 1/2" Fluted Soft-touch Knobs for Shovel/Axe mount

(2) 1/2" x 3" bolts for HiLift mount

(2) 1/2" coupler nuts for HiLift mount

(2) 1/2" Fluted Soft-touch Knobs for HiLift mount

(2) pcs. 1/2" x 12" long all-thread for tire mount

(6) 1/2" flat washers for tire mount

(2) 1/2" Steel locking nuts for tire mount

(4) 1/2" Standard nuts for tire mount

(4) 1/2" lock washers for tire mount

Installing the rack:

With a T25 Torx bit, loosen the two Torx bolts and remove the caps located on the rear of the factory roof rails.

Remove the factory roof crossbars by sliding them rearward out of the slots.

Now, insert 2 Carriage bolts upward through one of the 3/4" flat steel segments that are 4" long. Insert this into the roof rail with threads upward, sliding them forward. 1-1/2" channel goes on top of that, flat part facing upward.

Now, find one 5/16" washer and nut, and put one on each of the ***OUTER CORNER*** carriage bolts (the four of the eight total bolts that are closest to the outer corner of the Jeep; ***NOT*** the inner ones), tightening them finger-tight so that the mount will slide forward and rearward, but won't come off the rail. Repeat this 3 more times, placing two mounts on each roof rail, all of them finger-tight.

Now, place the rack on the roof with help from a friend, aligning the mounts with the outside set of holes on the rack's mounting tabs. After they are in place, use a 1/2" end-wrench or socket to tighten the nuts down in place. You now will have a **VERY** strong clamp on your roof rail...the strongest that I've seen, anyway, as it supports the rack both fore/aft and laterally at the same time. Simply place another 5/16" flat washer and 5/16" nut on the top of the rack's mounting tabs, and tighten them firmly, holding the rack against the brackets.

Lastly, reattach and secure the roof rail end-caps.

The rest of the hardware is shovel mount, hi-lift mount and spare tire mount.

Spare tire mount:

Thread one 1/2" locking nut onto each of the two pieces of all-thread, leaving about 1/2" of the threads showing on the other side of the nut.

Add one 1/2" washer to each piece of all-thread. The all-thread goes into the spare tire plate slots located on the top of the rack in the center, through the bottom of the rack. Add another 1/2" washer, 1/2" lock washer, and 1/2" standard nut, and snug down to the tire plate. This will allow you to adjust the rods to match your wheel lug pattern, and then fully tighten the bolts to lock the rods in place.

Repeat for the second piece of all-thread in remaining slot on tire carrier plate. The nut that you already screwed on becomes a lock nut after you thread in the all-thread through the nut plate. Your spare tire goes outside down/inside up, then one more flat washer, lock washer, and nylock nut per rod to tighten it down.

Hi Lift mount:

On the passenger side of the rack, insert two 1/2" x 3" bolts through the gusset brackets on the right side of the roof rack from the inside outward.

Next, thread on a coupler nut to hold it in place. Holes are oval to accept both types of Hi- Lift Jacks, so make sure that they are spaced correctly for your jack before tightening them down securely. Place the jack on the threads, top toward the front and toe upward, then a 1/2" fluted knob goes on the outside to lock it down.

I found that it works best if the jack body is about 1/3 to 1/2 of the way UP the jack shaft to disburse weight as well as possible. You may also want to remove the foot on the jack so that it doesn't rub the roof rack, and also to cut down on theft.

You MAY also elect to use foam rubber pipe insulation or maybe a bicycle inter tube over the handle of the jack to keep it tight and protected. 1/2"-13 Hi-Lift locking knobs will fit directly on this setup to provide additional jack security measures.

Shovel/Axe carrier: Same basic assembly as the Hi-lift. A standard sized shovel will go on with the nose facing rearward. Lastly, the 1/2" knobs go on to tighten it down. 1/2"-13 Hi-Lift locking knobs will fit directly on this setup to provide additional jack security measures.

Thank you for your purchase! You now have a hand-built creation that's extremely tough, offers you lots of storage, looks great, and even protects you in the case of a roll-over as it will distribute the weight across the entire roof of the Jeep if ever you go over (God forbid). I hope you enjoy it as much as I enjoy mine!!!

**Very Sincerely,
-Kevin-**