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Installation Instructions

Part # DS31-4
Defender Rack Mount Kit
07-14 JK Unlimited w/Hard Top

Please read instructions entirely before installing this product.
This bracket kit works in conjunction with rack part # 45454

Notes: Defender Roof Racks are rated for loads of no more than 150lbs. evenly distributed. When carrying a spare tire, the tire should not exceed 33" diameter

Part	Qty	Part	Qty
"L" Rack Bracket	4	Plastic Cap	2
5/16" x 3/4" Bolt	16	Plastic Strip	2
5/16" Flat Washer	38	Hinge Bracket	2
5/16" Lock Washer	18	Clamp Bracket	2
5/16" Nut	18	Clamp	2

Step 1: With assistance to stabilize rear window, loosen the OE bolts on the rear window hinge just enough to slide bracket in. (Fig A)

Step 2: Slide the rear hinge bracket with bend pointed towards the rear down over the loosened OE bolts behind the hinge. (Fig B) Tighten snug, but not completely.



(Fig A)



(Fig B)

Step 3: Install the "L" rack brackets onto the previously installed hinge bracket with included hardware. (1 blot, 2 flat washer, 1 lock washer, 1 nut) Fig C, D. Just tighten snugly at this time.

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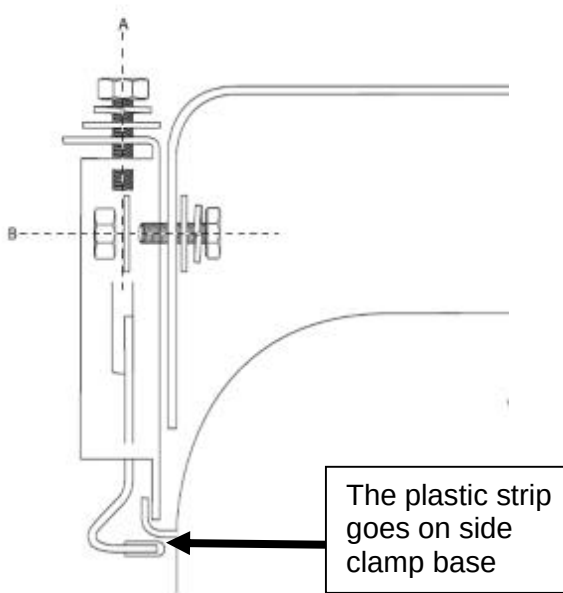


(Fig C)



(Fig D)

Step 4: Loosely assemble the side brackets. (Fig E)



(Fig E)

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Step 5: Place a blanket or something to that effect on top of the hard top. Carefully set basket on top.

Step 6: Place loosely assembled side bracket over rear door lined up where the baskets brackets are located. Tighten nut on side bracket threaded bolt so bracket is snug. (Fig F, G)



(Fig F)



(Fig G)

Step 7: With assistance carefully set basket on top of brackets, line up holes in basket mounts with bracket mounts and loosely attach with included hardware. (1 blot, 2 flat washer, 1 lock washer, 1 nut)



(Fig H)



(Fig I)

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Step 8: Make any needed adjustments, once basket is in desired location tighten all bolts on basket and brackets completely. Installation is now complete. (Fig J) Place rubber cap on side bracket threaded rod. (Fig I) Cut base of cap down if needed.



(Fig J)

Note: If rear hinge cover rubs excessively on bracket, loosen bolts to slide bracket upward slightly.



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Customize your rack with other quality Smittybilt Defender accessories. (Axe/Shovel Mount, Jack Mount, Netting)



Limited Warranties

Smittybilt's products are covered under the following limited warranties only. Note that the duration of the limited warranty differs according to the material and finish of the product purchased. Subject to the duration and conditions of the limited warranty stated below, Smittybilt warrants to the original retail purchaser that its products are free from defects in material and workmanship. All other warranties and representations express or implied, are hereby disclaimed, including fitness for merchantability and buyer's intended use or purpose. All parts are sold "AS IS" except for the limited warranties granted herein. Buyer assumes all risks as to the selection, suitability and performance of all goods and products selected. This limited warranty does not cover damage or impairment in any part due to misuse, improper installation, accident or contact with on-road or off-road hazards, product modification, improper or inadequate cleaning and/or maintenance. Smittybilt is not responsible for items damaged during shipping. This warranty is not transferable from the original buyer. For the original Buyer to be eligible for the limited warranty coverage, the Buyer must provide proof of purchase. Smittybilt strongly recommends returning the warranty registration card.

Customer's remedy hereunder shall be limited only to repair or replacement (at Smittybilt's option) of any defective part(s) returned to Smittybilt at customer's expense. The determination of whether or not a returned part is defective or subject to coverage under the limited warranties stated herein shall be made at Smittybilt's sole discretion.

To assure product quality, Smittybilt reserves the right to change product design, material, specification and finishes without prior notice to customers. This limited warranty gives you specific legal rights and you may also have other rights, which may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply as to you. Also, some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. Smittybilt reserves the right to discontinue product lines and substitute products, or provide other remedies than those listed in this limited warranty for those discontinued products.

Warning

Rollover and other types of vehicle accidents may result in serious injury or death to you, your passengers and others sharing the road. Smittybilt accessories are decorative and are not intended to reduce or avoid injury or damage in the event of an accident. The weight and location of Smittybilt accessories may affect your vehicles' handling, stability and performance, creating an increased risk of accident or rollover. Before installing any accessory, check state laws and assure that the accessory will not obscure any lights or interfere with proper operation on your vehicle's safety equipment. Consult your owner's manual and the Smittybilt instructions, or additional safety information. Smittybilt products, nor the warnings contained herein, are not a substitute for your safe driving. Don't drink and drive, always use seat belts and don't drive faster than conditions permit.

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