



P/N 11503.21 (Black)

Rock Crawler Classic Rear Bumper (With Tire Carrier)
For 87-06 Jeep® YJ & TJ Wrangler

Important notice:

Carefully read instructions before attempting to install this product. Rugged Ridge is in no way responsible for any damage to the vehicle or personal injury that may occur during the installation or use of this product.



NO DRILLING REQUIRED.

Supplied components (Box 1) Bumper:

Rear bumper p/n: 11503.20	(1)	3/8" x 1 1/4" Hex head bolts	(8)
Backing plates	(4)	3/8" Flat Washers	(8)
3/8" Locking Washer	(8)	7/16" x 1 1/4" Hex head bolt	(2)
7/16" Flat Washer	(2)	7/16" Lock Washer	(2)

Supplied components (Box 2) Tire Carrier:

Tire Carrier	(1)	Post Bar	(1)
Tire Mount Bracket	(1)	Circle Clip	(1)
3/8"-24x1" Hex Head Bolt	(3)	3/8"-24x1 1/4" Hex Head Bolt	(2)
3/8" Flat Washer	(10)	3/8" Nylock Nuts	(5)
3/4"x3" Hex Head Bolt	(1)	3/4" Flat Washer	(2)
3/4" Nylock Nut	(1)	1/4"-20 Lug Nuts	(3)

Installation Instructions:

(Step 1): Remove factory rear bumper if equipped. For some TJ applications the rear body mount bolt and bushing may be removed to ease installation. (Fig.1 and Fig.2)

Fig. 1



Fig.2





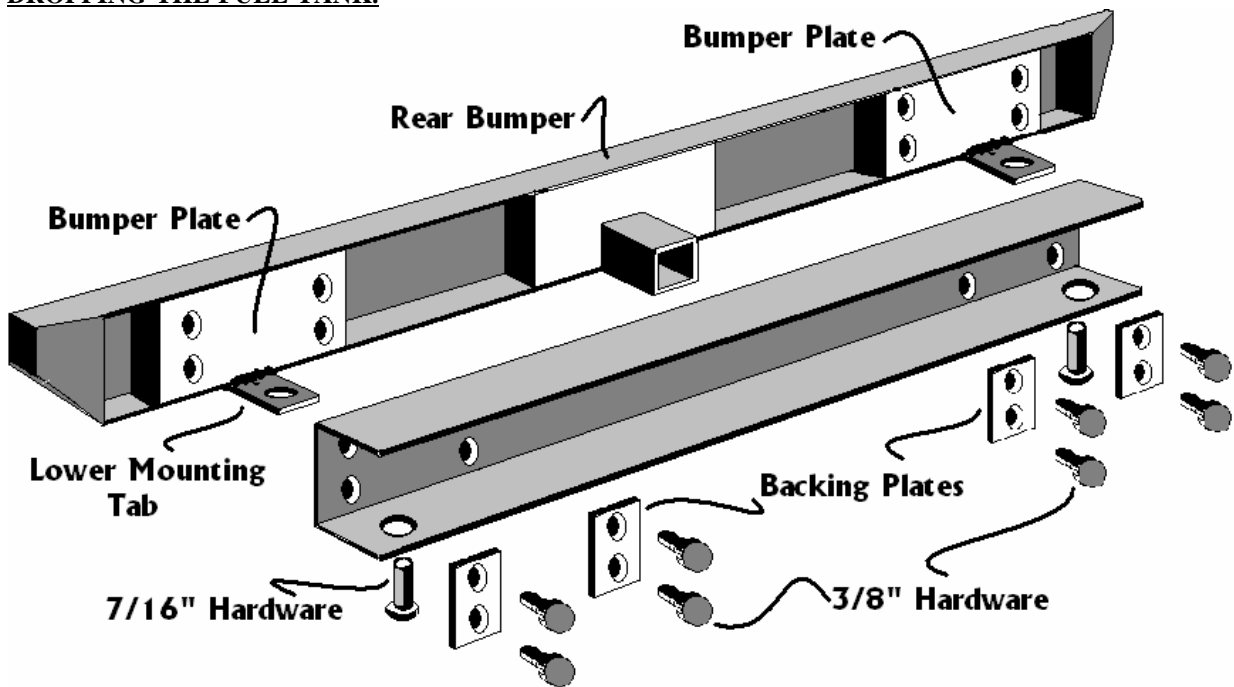
(Step 2): Locate (2) backing plates, (4) 3/8" Hex head bolts, (4) 3/8" Flat washers, and (4) 3/8" Lock washers. With the help of another person attach backing plates to the rear vehicle frame. Align holes in the rear plate on the Classic Rock Crawler bumper to those existing in the frame. Loosely attach to one side of vehicle with hardware listed in this step. (See Fig.3)

(Step 3): Repeat step two for opposite side, loosely attach bolts but do not tighten at this time.
NOTE: Lower mounting brackets (one per side) should align with existing lower Cross member holes.

(Step 4): Locate (1) 7/16" Hex head bolt, (1) 7/16" Flat washer, and (1) Lock washer. Attach and Secure bottom bracket to cross member with hardware listed in this step.

(Step 5): Repeat step 4 for opposite side. At this time align bumper correctly and tighten all mounting hardware. **NOTE: It is important to periodically check all bolts for tightness.**

ON SOME TJ MODELS DROPPING OF THE FUEL TANK – GUARD/ SKIDPLATE WILL EASE INSTALLATION OF BRACKETS. BE SURE TO FOLLOW FACTORY DIRECTIONS FOR DROPPING THE FUEL TANK.



Note: Please take care when assembling and installing this product to protect the finish and your investment. To protect the bumpers finish wax after installation. Regular waxing is recommended. DO NOT use any type of cleaner or wax that contains abrasives that could damage the finish



Tire Carrier installation Instructions:

(Step 6): With the assistance of another person, secure the tire carrier to the bumper pivot spindle. Work tire carrier all the way down onto the spindle (circle clip groove should be visible) and close. Install (2) 3/8" - 24 x 1 1/4" Hex Head Bolts, (4) 3/8" Flat Washers, and (2) 3/8" Nylock Nuts to the tire carrier arm clamp. (Fig.5 & 6)

Fig.5

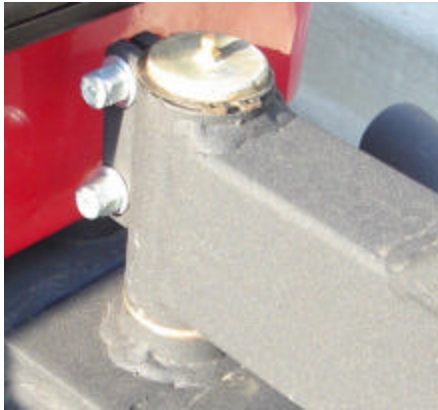
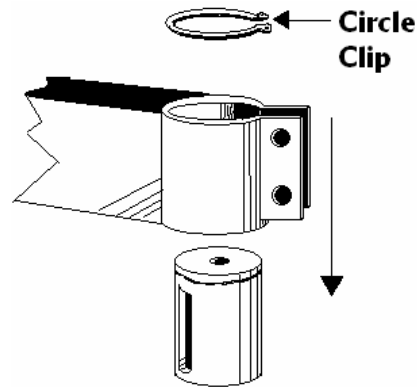


Fig.6



(Step 7): Install the circle clip onto the top of spindle and seat into groove (Fig.6). Install grease nipple. Add grease using grease gun to lubricate the spindle and pivot clamp before use.

NOTE: Spindle and pivot clamp should be greased as part of your regular vehicle maintenance.

(step 8): Install post bar at this time to the top of the tire carrier. Use (1) 3/4" x 3" Hex Head Bolt, (2) 3/4" Flat Washers, and (1) 3/4" Nylock Nut.

(Step 9): Locate tire mount bracket and install using (3) 3/8"-24 x 1" Hex Head Bolts, (6) 3/8" Flat Washers, and (3) 3/8" Nylock Nuts. Slide mount onto tire carrier and hand tighten. There are two sets of mounting slots on the tire carrier. With the post bar installed test fit the spare tire and determine what is the best mounting point for your tire size and vehicle. Tighten all bolts.

NOTE: When the spare tire is installed it should be set snugly against the post bar. For most over sized tires the outer mounting holes will be used. TIRE CARRIER can be used with tires up to 35" in diameter.

Note: Please take care when assembling and installing this product to protect the finish and your investment. To protect the bumpers finish wax after installation. Regular waxing is recommended. DO NOT use any type of cleaner or wax that contains abrasives that could damage the finish

Fig. 3



LIMITED 90 DAY WARRANTY
Applies to Rugged Ridge by Omix-ada Inc. Products

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