



Jeep XJ Cherokee and TJ/YJ/CJ Wrangler Adventure Tire Carrier

Thank you for purchasing the Adventure upper tire carrier from JcrOffroad! Checkout our website, www.jcroffroad.com for more deals and other great off road products. Please read the mounting instructions below carefully before attempting to install. Be sure to rate and review our product online.

If you have any questions or are missing parts, please don't hesitate to call us at 269-353-1184!

Tools Needed

- 7/16" wrench or socket
- 3/4" wrench or socket
- 15/16" wrench or socket
- 5/8" wrench or socket
- 3/16 Allen wrench or socket
- 1 1/8" Wrench

Hardware

AC-BP

- 1/2" x 1" bolts (4)
- 1/2" washers (4)
- 1/2" flange nuts (4)
- 5/16" x 3/4" Button head bolts (3)
- 5/16" flange nuts (3)
- 1/4" x 3/4" Thread cutter bolts
- Crusader Track Kit (1)

Optional Hardware

Hi-Lift Mount: ACHL-BP

- 3/8 x 1 Button Head (2)
- 7/16 x 1 1/2 Zinc (2)
- 3/8 Nuts Flange (2)
- 7/16 Wing Nuts (2)
- 3/8 USS Zinc (2)
- 7/16 Retainer Wash (2)

RotoPax Mount: ACRP-BP

- 3/8 x 1 Button Head (4)
- 3/8 Nuts Flange (4)

Install

It is always best to trial install before painting/finishing to ensure proper fit. You should first install your *JcrOffroad* rear bumper before installing this product. When installing this tire carrier, take special care in keeping paint away from bearing surfaces and bearing cap threads. If using a bed liner type product, you may need to use a drill or file to open holes or openings to the proper size.

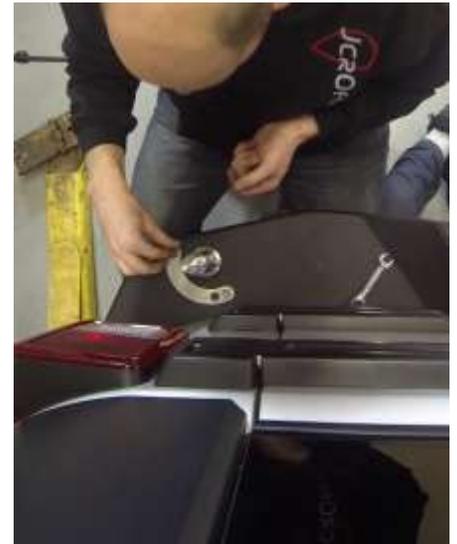
1. Start by installing the latch mount with the provided button head bolts onto the bumper.

2. Before installing the spindle, you may need to clean the spindle sleeve. You want to make sure it's a slip fit.



3. With the spindle in the bumper, install the lower 3/4" grade 8 bolt into the bottom of the spindle. You may need to lift the spindle a little to help get the bolt threaded. Once you have the bolt started use a 1 1/8" wrench to tighten the lower bolt.

4. Next, install the stainless plunger track onto the passenger side using the provided hardware.



5. Next, pack the bearings with grease. Working the bearings around in your hands, knead the grease into each of the bearings. Apply a little grease to the inside of the oil seal as well as the top cap o-ring.

6. Prop the carrier so you can install the lower bearing. Place the lower bearing taper side down into the carrier. Using a large socket or a punch, knock in the lower oil seal with the green side of the seal going into the carrier. Make sure you hammer it in carefully and most importantly, straight. Now with the lower bearing installed, slide the carrier onto the spindle.



7. With the upper tire carrier on the spindle, place the top bearing, taper down over the spindle and into the hub. Next Install the large washer and top spindle nut. Using a 1 1/2" socket and snug it up. With that tightened down, Install the o-ring onto the aluminum top cap and use the provide wrench to snug up the cap with the carrier on the Jeep.



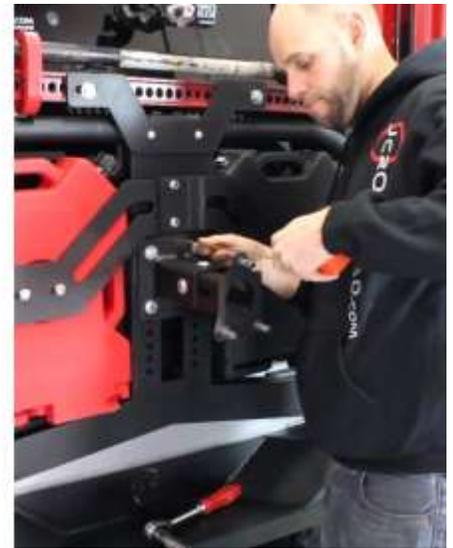
8. Install the plunger into the threaded mount next to the hub assembly.



9. Install the latch. Thread the supplied bolt through the black ball latch pull. Install the latch inside of the carrier using two of the provided 1/4 button heads into the two holes furthest apart and back. Place the black slider with the flat side to the carrier and the slant facing towards the bumper and thread tight the last two 1/4 button head bolts. Close the carrier on the latch, and now tighten the latch pin using the 3/4 wrench on the bottom nut. Open the carrier, and tighten again with 3/4 wrench on the bottom nut and 3/4 wrench or socket.



10. Carefully close the carrier. Measure to determine the mounting height of your tire. Bolt install the inner tire mount in the desired location allowing for clearance on your bumper. Using a broom handle or any other flat object, measure the back spacing of your Tire and Wheel. Next, loosely install the (3) carriage bolts into the outer tire mount. Set your length and tighten the top bolt first, then tighten the side bolts. Note that if you plan on installing the RotoPax mount, you will need to add 1 inch to your back spacing.



11.

- OPTIONAL -

- a. If installing Rotopax, first install the JCR Mount with the two 5/16 x 1" bolts, and the corresponding hardware. Loosely install the Pax mounts. Test fit the containers and make any final adjustments before tightening everything up.
- b. If installing the optional hi-lift mount, place the mount onto the carrier and loosely install the (4) 3/8" button head bolts. Next, install the 7/16" bolts that will hold the hi-lift. Using a socket and hammer, tap on the retaining clips.



12. Once you have everything onto your tire carrier and in place, go back and tighten up anything you might have missed.

13. Now It's Time to Enjoy Your New Jcr Off-Road Bumper and Tire Carrier

