

JK REAR MAULER BUMPER INSTALLATION INSTRUCTIONS

TOOLS NEEDED

- 7/16" wrench or socket
- 3/4" wrench or socket
- 15/16" wrench or socket
- 17mm wrench or socket
- 16 mm wrench or socket
- 1/2" drill
- Sawsall or angle grinder with cut off wheel.

HARDWARE

- 1/2" x 4" bolts (2)
- 1/2" SAE washers (2)
- 1/2" lock washers (2)
- 1/2" nuts (2)
- 10mm 1.5 x 30 (4)
- 3/8" USS washers (4)
- 5/8" x 1 1/2" (2)
- 9/16" USS wash (2)

**Please read the mounting instructions below
carefully before attempting to install.**

Thank you for purchasing your new rear bumper from JcR Offroad!
Checkout our website, www.jcroffroad.com for more deals and other great off-road products. 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!

It is always best to trial install before painting/finishing to ensure proper fit. If installing tire carrier, take special care in keeping paint away from bearing surfaces and bearing cap threads. If using a bed liner type product, do not coat middle support, as the fit between support and spare tire mount is tight.

- 1** Using a 16mm socket or wrench, remove the rear bumper's retaining clips and the bumper's outer support bolts.



- 2** Once all the bolts are removed, you may take off the rear bumper.

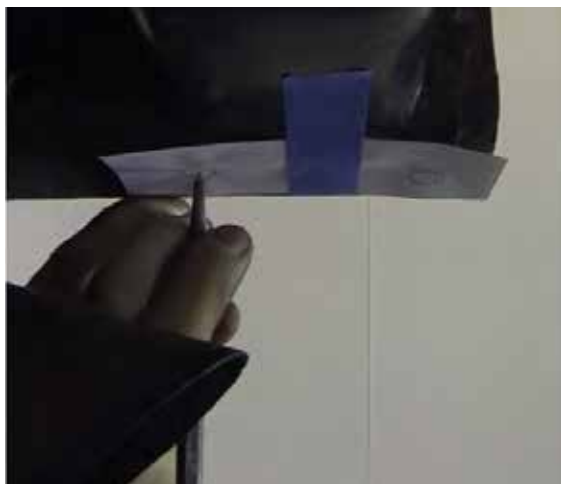
- 3** Now its time to get cutting. Using your cutting tool of choice (Sawsall or cut off wheel) you will need to trim the lower outer corners of the frame. Due to frame variances how much you will have to trim may vary. Usually you will need to trim the corner 1.5 inches high X 1 inches across X 2 inches deep. Use the below photo for reference.



- 4** Next, print the JK rear bumper installation template PDF file by clicking the link or you can find it on our website under install instructions. Cut out the drilling template and put them on the bottom of the frame.



- 5** Line up the template on the lower part of the frame, and center punch these holes. Be sure to do this on both sides of the frame.



6 Next using a 1/2 drill bit, drill out the 4 spots you just center punched in the frame.



7 With the lower holes drilled, you can now insert the provided nut strips into the frame, making sure that the large 5/8 hole is to the outside of the frame. Get all bolts loosely installed before tightening.

8 At this time, install any lights you plan to run on the rear bumper. Be sure you can access any wiring after the installation. Be sure to check out our wiring tutorial for any help you need with wiring in your new lights.



9 With help from a friend, position the JCR bumper into place, and loosely install the 7/16 bolts into the frame.

10 Next install the large 5/8 bolt into the nut strip. You may need to push the nut strip out from the inside of the frame to get it started. Once it's started, install the two (2) lower 7/16 bolts into the nut strip.



11 Next, using a 1/2" drill bit, drill a hole into the passenger lower mounting hole into the lower cross member. Once this is done, loosely install the two (2) 1/2" bolts into the lower cross member.



12 Once you have all the hardware holding your bumper in place, check the final fitment and position of the bumper. Once your bumper is in the exact place you would like it, tighten everything down.

13 Now it's time to enjoy your new JcrOffroad rear bumper.

