



## Jeep XJ Front Bumper Installation Instruction

*Thank you for purchasing your bumper from JcrOffroad! Checkout [www.jcroffroad.com](http://www.jcroffroad.com) for more deals and other great off road products. Please read the mounting instructions below carefully before attempting to install. If you have any questions or are missing parts, please don't hesitate to call us at 269-353-1184!*

**It's important to test fit the bumper before you apply any coatings. If there is an issue with your product that needs to be resolved we are not responsible for any coating.**

**Getting rid of the stock bumper:** Of course the first thing you will need to do is remove the stock bumper. The easiest way to accomplish this is to remove the stock bumper with the brackets still attached. There are three bolts in a triangle pattern on each side of the for a total of six bolts to remove. Remove and retain these six bolts. The pictures show an XJ that has factory tow hooks installed. If you have factory tow hooks, there should be one or two other bolts to remove from the tow hook brackets that go through the frame rail.

Stock bumper bolts:



With the bumper removed, you should end up with something like this:



**(96 and earlier)** You will also need to remove the lower fender supports. To accomplish this, remove two sheet metal screws on the ends of each bracket. One is pictured below. The other attaches the lower fender support to the inner fender triangle brace. In the picture, this screw has been previously removed for other modifications.

### Drivers Side Lower Fender Support:



**Vacuum Canister:** On the passenger side of the jeep, mounted behind the bumper, is a vacuum canister. This canister will need to be removed for installation and re-installed. You can either use zip ties to fasten this to the fender brace or you can relocate it up into the engine compartment (ideal.)



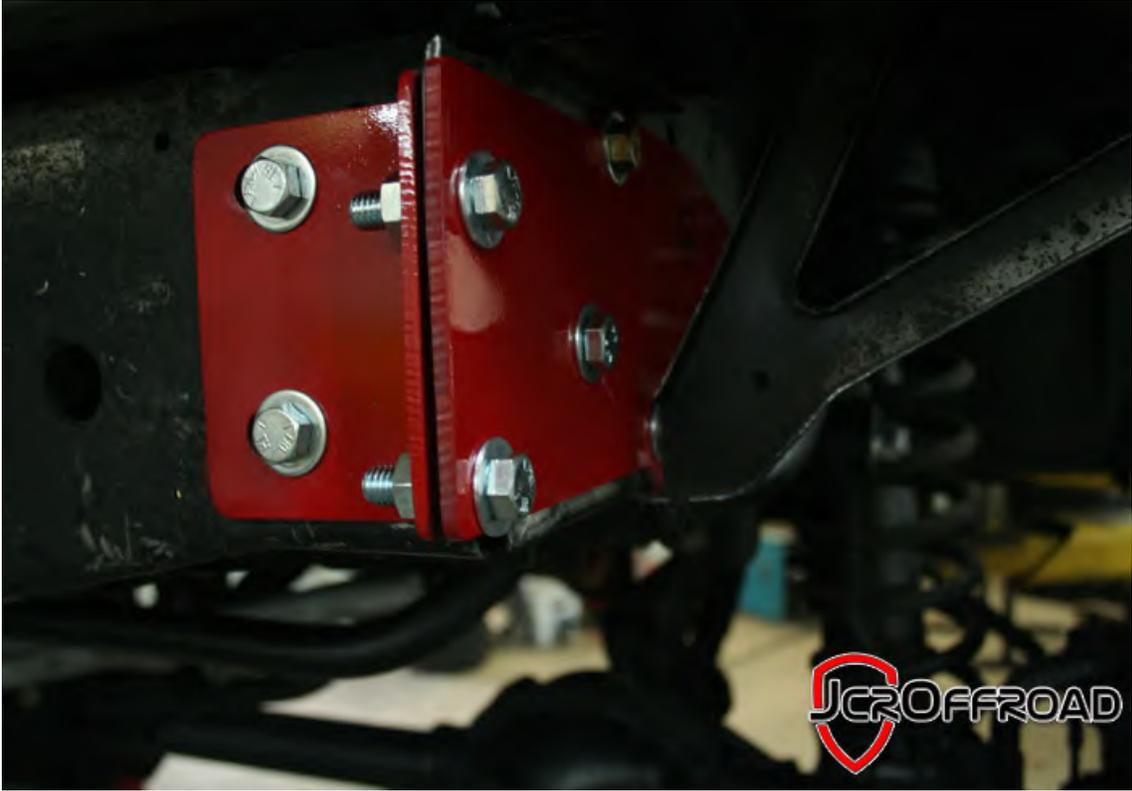
**Time to cut the fenders: (only 96 and earlier require fender trimming.)** I used a pneumatic cut off wheel. I made a straight cut starting at the headlight bezel and extending straight back to the fender flare. You can use whatever your preference is to cut sheet metal. It's best to use masking tape over the area to be cut to protect the finish and as a clean surface to mark the line.

## Optional Tie-In Brackets

**Fender Support bracket:** The fender angle support will either need to be removed or trimmed to allow for proper installation of the front UNF brackets. The support can be removed and is held in by 4 10mm bolts. Many choose to remove this bracket all together and this works just fine. In the picture below, the bracket has been trimmed to clear the bracket.

**Install the Tie-in Brackets:** You will need to remove the three factory steering box bolts on the drivers side. Depending on rust and age this can be difficult. If you feel it's taking excessive force, try some heat on the threads of the bolts at the steering box. If that option is not available to you, a good penetrating oil applied liberally for a few days will help. Once you have the steering bolts removed, you can place the tie-in bracket against the frame and install the long 1/2" bolts (#5 below) loosely in the rearmost hole. After putting blue LocTite on the replacement steering box bolts (#4 below), reinstall the steering box. Leave all bolts slightly loose.





## **Bumper Mounting - Please test fit before coating.**

### ***With tie-ins***

On the front of the uni-frame rail there will be 4 factory nut clips, remove these with a screwdriver. Mounting the bumper is much easier if you have someone to help. The bumper brackets goes on the outside of the tie-in's. This will be a tight fit, a little persuasion may be necessary. Simply lift the bumper up and test install a few bolts to verify fit. Be sure your going through the bumper brackets, tie-in brackets, and frame holes.

### ***Without tie-ins***

Two spacers will be supplied to mount between the new bumper mounting brackets and you frame rails. The bumper brackets goes on the outside of the frame rails. It may be a tight fit, a little persuasion could be necessary. Simply lift the bumper up and test install a few bolts to verify fit.

**If all is well with the test fit, remove the bumper and apply the finish of your choice. Be sure to liberally wipe down the bumper with paint thinner before coating. We have a painting tutorial on your products page our website for more information.**

### **Problems**

Occasionally you will find a hole on your frame rail is slightly different than a hole in the bumper or tie-in brackets. (Especially on 96 XJ's) Many times this is very minor and easily solved. Line up all holes that fit and temporarily install those bolts. Take a drill bit just bigger than the bolt size intended for the offending hole and run it through the tie-in and the uni-frame.

**Enjoy your new bumper!**