

Hooligan Off Road

XJ Mid Unibody Stiffener

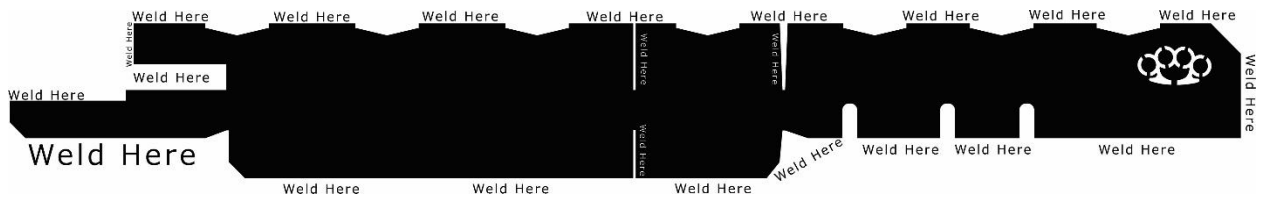
Installation Instructions

Please use standard safety procedures when working on your vehicle. Chalk tires and work on a flat surface. All welding should be done a qualified welder!!

1. Support your transmission and remove the cross member and t-case skid if you have one.
 - a. Hold up your new Hooligan Stiffeners and mark the unibody where you will need to remove undercoating. The stiffeners wrap around the unibody rail behind the cross member, you will have to prep that area as well. On the drivers side you will need to remove the holders for the fuel and brake lines. Use a large flat head screwdriver to pry the plug out of the unibody. We recommend using a bungee cord to hold them out of your way.



2. They will go back in after you are done welding. We have scalloped the top outer edge of the stiffener. We intend you to weld to the flat areas between the scallops, all roset holes and down the two vertical reliefs for bending. **DO NOT WELD THE ENTIRE AREA AROUND THE STIFFNER YOU COULD WEAKEN THE UNIBODY.**



3. Remove the paint/undercoating in the areas you have marked.



4. Remove the factory studs by “double nutting”. Place two nuts on the stud and turn the upper nut and remove the stud completely. We recommend using some penetrant (i.e PB Blaster) on the stud first.
5. Place stiffener in place using the three slots to align properly so the factory nuts are accessible. The rear most edge of the stiffeners will rest against the leaf spring bracket. Using the provided hardware place bolts into the crossmember holes and tighten down. This will allow you to do the next step without the stiffeners moving on you.
6. Using a floor Jack you will now bend the stiffeners to conform to your unibody. Place the floor jack behind the rear most cut and lift. The stiffeners will bend to conform to the small step in the

unibody. (right photo) You will notice the rear most slot widen and turn to a “V”.



7. Take all necessary precautions for welding on a vehicle. You can now begin to tack in your stiffeners. Once tacked in place remove the bolts and floor jack and begin to stitch weld. REMEMBER TO ONLY STITCH WELD THE STIFFENERS. Refer to diagram in step 2.
8. Once welding is completed, paint or undercoat all raw metal and reinstall cross member(using provided longer hardware)
9. Affix Hooligan Off Road stickers for a noticeable increase in aerodynamics and off road prowess. Email pics to josh@hooliganoffroad.com. Enjoy a much stiffer chassis on your XJ!!!!!!