

R1 SPLITTER INSTRUCTIONS

2nd Gen Lightning

Tools Needed:

1. 2x 9/16 Wrenches or one wrench and a Socket/Ratchet
2. Drill (with ½" chuck)
3. 7/32" Hex Bit Socket
4. WD40 or Oil
5. Maybe an extra set of hands.

What's in the Box:

1. R1 Splitter
2. 4 Mounting Brackets
3. 2 Rivet Nuts
4. 2 Drill Bits
5. Washers
6. 8 3/8-16 Bolts
7. Adjustment Rods

Steps:

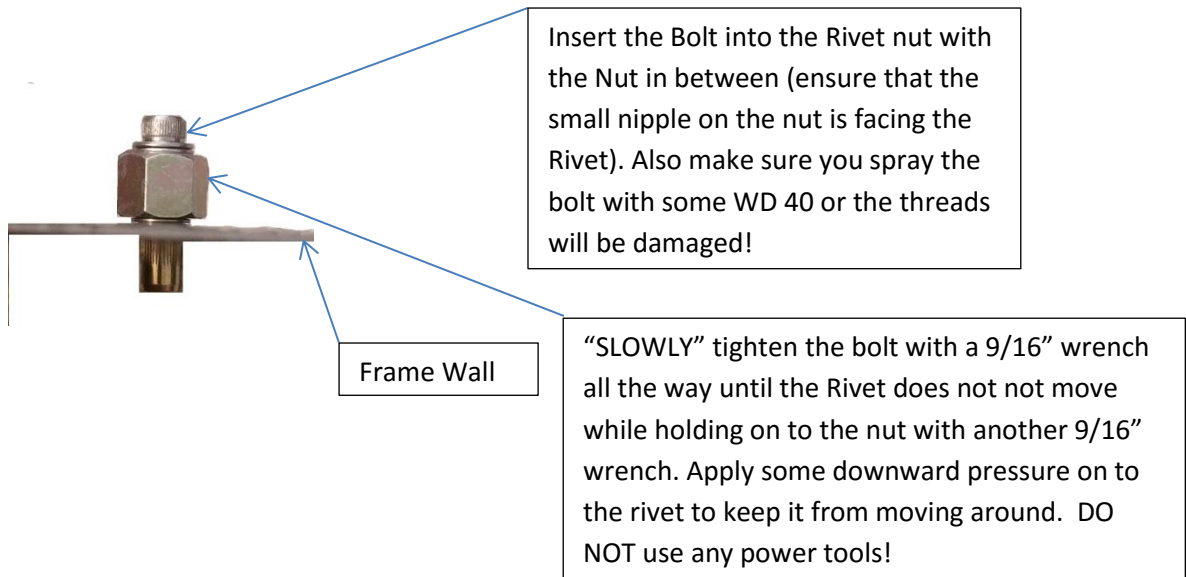
1. Insure that the outer frame wall is clean and free of rust, dirt, and grime under the front Body Mount on both sides of the truck. This will allow you to clearly mark where you need to drill.
2. Take a measurement from the inside edge at the back of the bumper on both sides (should be the same dimension on both sides unless your bumper is not aligned correctly or you have a flat)



- Grab the rear bracket (there is a Left and Right hand side bracket, use the correct one) and hold it up "CENTERED" the best you can inside the Body Mount and match the dimensions you took on Step 2. Also insure that the bottom of the bracket is parallel with the outer edge of the bumper where you took the dimension in Step 2. Once you have the Bracket centered (width wise) and the Height matching Step 2, go ahead and mark the hole to drill on the center of the slot. DO NOT mark it or drill it on the higher end of the slot or the bracket will not be able to slide down. If you drill it at the bottom of the slot then you will have a full 1" lowering adjustment but won't be able to adjust it up.

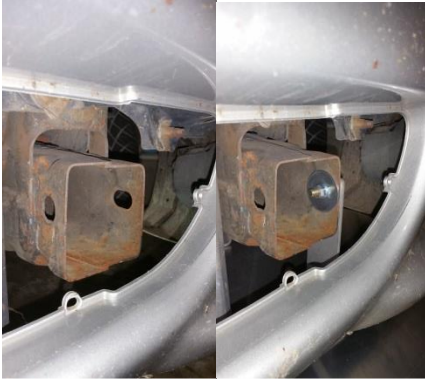


- Once marked using the small drill bit, drill a pilot hole where you marked it. Then use the bigger drill bit to drill the actual hole required for the Rivet Nut. Make sure you spray the drill bits with some WD-40 so you don't burn them out.
- Installing the Rivet Nut. If you do not have access to a Rivet Tool, Follow the steps shown in the Picture below.



- Now for the front brackets. You will need to remove the lower bumper grill to have access to the inside of the square tube frame.

7. Once removed, go ahead bolt on the other brackets to the frame through one of the existing holes already there.



8. Tighten the brackets enough to support the weight of the splitter, but loose enough to be able to adjust the splitter. Once you found the perfect setting, tighten up the bolts of the brackets to the frame from the wheel well. If you can't reach, removing the wheel may help. If not, carefully remove the splitter without bumping the brackets and then tighten the brackets.
9. Adjustment Rods, The location for these are totally up to you. Installation is pretty straight forward. Mock them up where you want them, mark the holes and drill using the smaller drill bit. Insure that you use the washers provided on the Nut side. You might have to remove the bumper depending on where you want the Rods to be.
10. That's it. Just make sure you check on it after a few miles to insure that the splitter has not come loose. Just to be safe. If you need further assistance or have any questions you can contact me @ 208-312-7210.