



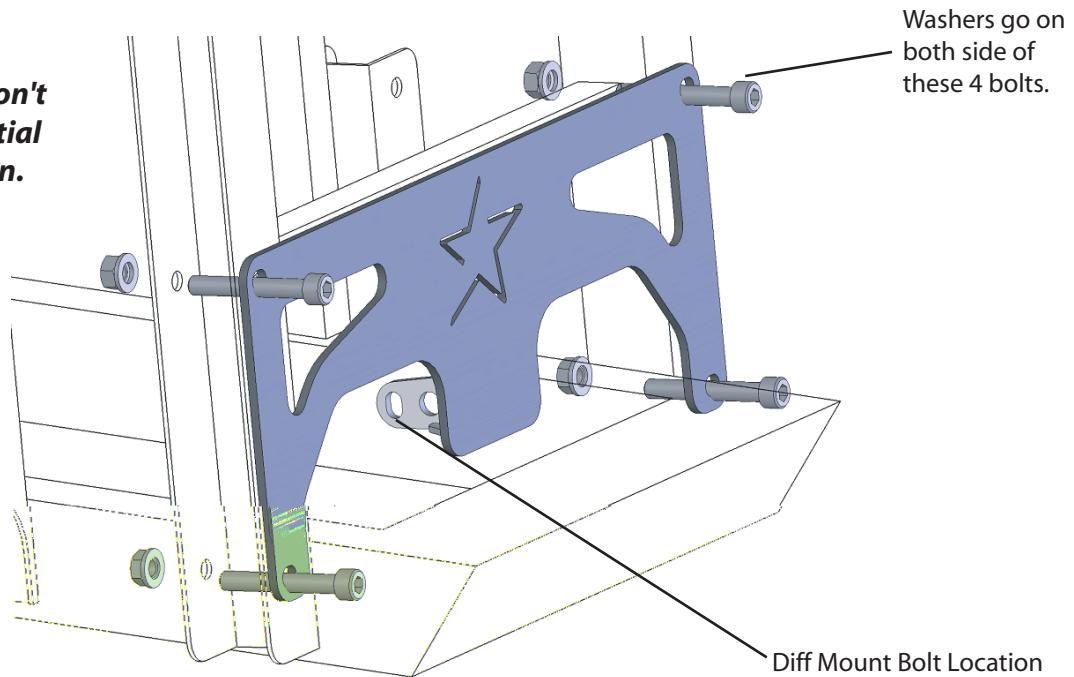
# RHINO FRONT MAIN GUSSET

**TOOLS NEEDED:** 14mm Socket  
14mm Wrench  
17mm Socket  
3/8" Ratchet  
3/8" Long Extension  
8mm Allen Wrench  
Blue Thread Locker

**PARTS INCLUDED:** Welded Gusset Assembly  
4 10mm x 75mm Bolts  
8 10mm Regular Washers  
4 10mm Nylon Lock Nuts

To install your new Front Main Gusset, you will need to raise the front end of the car on jack stands, so the front tires are off the ground. Remove the 4 front a-arm mounting bolts. Also remove the front lower diff cover bolt. Position the new plate onto the rhino as shown below, and use the 4 long 10mm bolts with washers and nuts to secure it to the chassis through the front a-arm mounts. The holes have been slotted to fit with the variances in the chassis. Leave the plate loose. Next, line up the differential mount using the existing 8mm fine thread hex bolt and washer. If the hole doesn't line up, it may be necessary to loosen the three upper bolts that hold the differential so you can get the new mount lined up. Once you get the bolt threaded in, tighten down the other three mounting bolts if you had to loosen them. Be careful to not over tighten the bolt that threads into the differential, because the threads are aluminum and softer than normal. You might find it easier to remove the front skid plate to access this bolt. We recommend using blue thread locker on that bolt to keep it from coming loose. Tighten the other bolts to about 45 ft lbs. This front gusset plate may cause an aftermarket front bumper not to fit depending on the design of the bumper. We designed this plate to have as much clearance as possible to allow for these variances, and not sacrifice strength. This part may not be compatible with all bumpers. Most bumpers should fit however.

**\*\*Attention\*\***  
**08 model years don't**  
**have the differential**  
**mounting location.**



**CLEANING/  
MAINTAINING:** You can clean this part with soap and water.  
The only maintenance required is to periodically check the bolts to make sure they are tight.