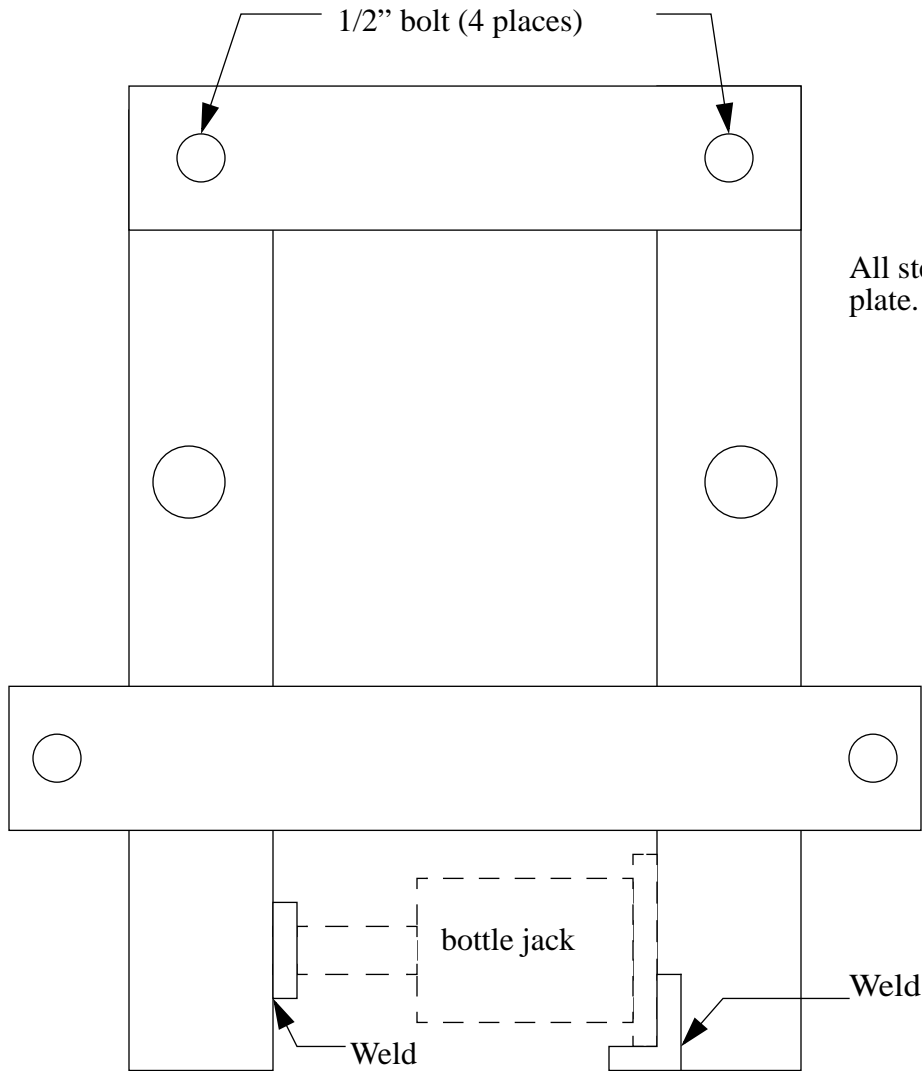
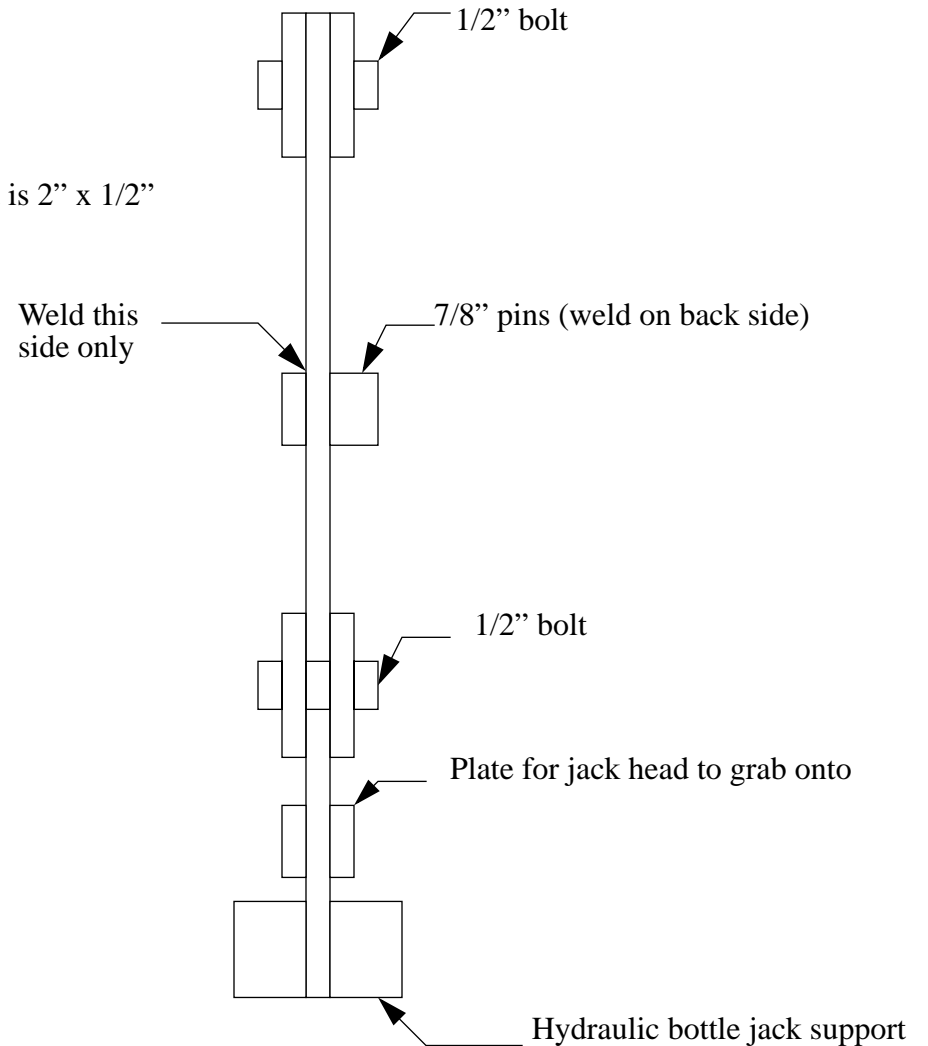


# Farmer style simple Dana 44 case spreader



All steel used is 2" x 1/2" plate.



This is a "rough" sketch of the first Dana 44 case spreader I built. I used a bottle jack instead of a screw since I needed something built quick and the hardware to use a screw was not handy. The lower set of horizontal steel flats are a simple clamp that keeps the tool from twisting as force is applied. The four 1/2" bolts should all be tight enough to remove any slop. The jack will be strong enough to move all the pieces even if these bolts are a bit too tight (tighter is better). The case pins were selected for a tight fit into the Dana housing and I made sure they bottomed out in the housing holes and the steel plates were flush with the housing surface before welding them in place. You will be putting a bunch of force here and everything needs to align perfectly and be secure!. Adjust the length of the upper bars so that when this tool is installed on a housing to be spread, you can fit whatever jack you plan on using securely between the side arms. The jack supports keep the jack in place as it is pressurized and the small plate for the jack head should be sufficient for your jack to bite into as things start to load up. I used a 4-ton jack and really had to crank to get enough spread for proper bearing preload on the differential.