

INSTALLATION INSTRUCTIONS FOR RA-27C DOUBLE BARREL TAILGATE ASSIST

Your Double Barrel Tailgate Assist main unit has 2 mounting holes to secure it with bolts to the top rail of your open trailer on roadside (for safety reasons this frees up rail space on the curbside for loading and unloading of equipment). The drive chain and chain link face the tailgate, (Fig. 1) place it as close to the gate as possible without interfering with the gate latch. The Double Barrel Tailgate Assist is designed to operate on a 10" to 15" high trailer top rail.

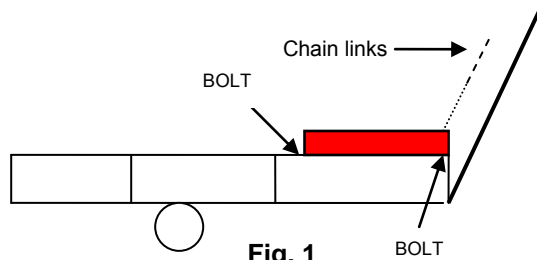


Fig. 1

The tailgate mounting bracket has a series of holes to make adjustment easy and to allow for quick tailgate removal. The bracket should be bolted to the side of the tailgate 44" from the floor of the trailer to the top of the power plate with the adjustment holes facing the Double Barrel tailgate assist. (Fig. 2)

TAILGATE MOUNTING BRACKET

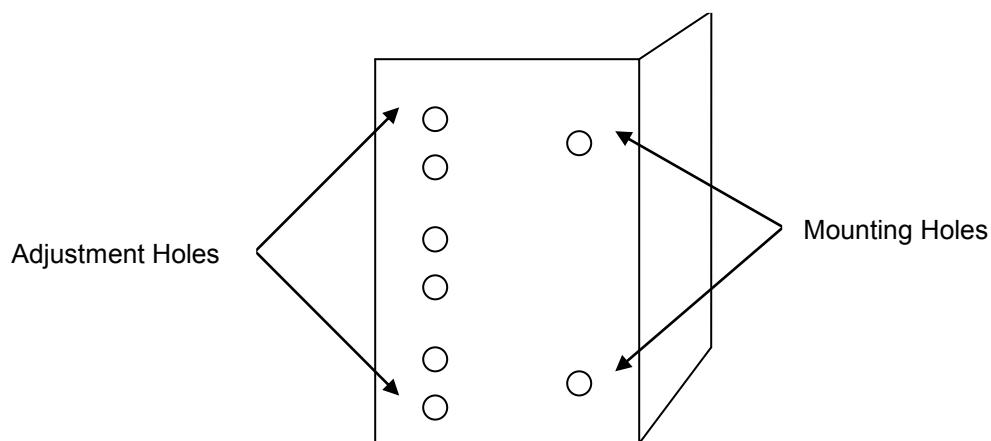


Fig. 2

Attach clip-1 to the tailgate mounting bracket. Select a higher hole for a taller heavier gate and a lower hole for a shorter lighter gate. You can take up the slack with clip-2 by attaching it to a different chain link. For further adjustment on very heavy gates the drive chain can be pulled out slightly, preloading the spring. Clip-2 would attach to a chain link higher than what is necessary to take up the slack. (Fig. 3)

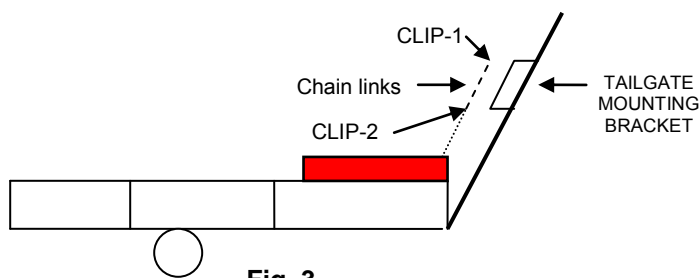


Fig. 3

ROUND RAIL INSTRUCTIONS

Measure the dimension of your rail and buy 2 muffler clamps that would fit your rail dimension. Discard the U bolt. Use the shaped piece of the clamp to rest on the top of your rail then set the Double Barrel on top of that. Use the Double Barrel predrilled holes to mark where your holes should be on the clamp and rail. Drill the hole through the center of the clamp and rail, bolting the whole assembly together.

INSTALLATION