# "Builders" Axle Mount License Plate Bracket

## Please read through entire instruction list prior to fabbing.

1. Wear gloves to keep from getting cut on sharp edges.
2. Determine whether or not you have a ¾" or 1" axle BEFORE bending the Tag Mount (TM).
3. If your axle measures 1", drill out the hole so that there is room for the TM to slip over the threads of the axle. 1-1/32" will be fine but no larger than 1-1/16"

### IF INSTALLING A TAG MOUNT WITH MODEL A TAIL LIGHT PROVISION:
4. Determine which side of motorcycle you would like the Tag Mount (TM) to be on.
5. **If using a vice to bend**, clamp the gussets with the edge of the jaws below the main relief and clamp down. **(Figure 1)**
6. If the TOP of the mount is pointed to the right and you would like your TM to be mounted on the left side of the motorcycle, you will want to push the TM away from you, bending it 90*. If you would like to mount the TM on the right side of the Motorcycle, pull the TM towards you, bending it 90*. **(Figure 1)**
7. **If using a flat, firm surface to bend**, place the TM down with the gussets facing away from you while holding the large flat part of the bracket. **(Figure 2)**
8. If you would like your TM to be mounted on the left side of the motorcycle, you will want to have the TOP of the mount pointed to the right and press down firmly putting pressure on the gussets. While pressing down, rotate the TM until bent 90°. For the right side, you will want to have the TOP of the mount pointed to the left while bending the gussets. **(Figure 2)**

### IF INSTALLING A TAG MOUNT WITHOUT A MODEL A TAIL LIGHT PROVISION:
4. **If using a vice to bend**, clamp the gussets with the edge of the jaws below the main relief and clamp down. **(Figure 1)**
5. Either push the TM away from you or pull the TM toward you until you have bent it 90*.
6. **If using a flat, firm surface to bend**, place the TM down with the gussets facing away from you while holding the large flat part of the bracket. **(Figure 2)**
7. Press down firmly putting pressure on the gussets. While pressing down, simultaneously rotate the TM until bent 90°.

### BENDING GUSSETS or WINGS
1. **If using a vice to bend,** place the tag mount so that the jaws are clamped onto the gussets below the relief on the opposite side of the axle mount hole.
2. Bend the TM until the gussets are lined up with the angled edge of the "gusset arm" when you look at the face of the TM. **(Figure 4)**
3. **If using a flat, firm surface to bend**, place the TM down so that the axle hole is face down, the gussets are bent away from you and the rest of the TM pointed up towards you. **(Figure 3)**

### WELDING GUSSETS
1. Although the gussets are now bent 90*, there may be a small gap between the edge of the gussets and the backside of the bracket. We recommend that you use a clamp to close that gap prior to welding. **(Figure 5)**
2. Once the gussets are clamped, tack weld each gusset and remove the clamps from the mount.
3. You do not need to weld both edges of each gusset nor do you have to weld the entire length of the gussets. 2 inches on the outer edge of each gusset will be more than enough.

### BENDING THE MODEL A MOUNT
1. If your TM is equipped with a Model A mount, you may want to bend it at an angle so that your taillight is level should you choose to mount your TM at an angle.
2. Place a straight edge along the top flat edge of the tag mount and draw a line straight across.
3. Place the TM in a vice, upside down with the gussets facing away from you, centering the edge of the jaws on the line you just drew. **(Figure 6)**
4. Pull the portion of the TM that is sticking out of the vice towards you until you have reached the desired angle.

### MOUNTING
1. Remove the rear axle nut on the desired side of final mounting location and slide the TM over the axle.
2. Snug the axle nut by hand so that you can rotate the TM to desired angle. Once you are happy with the angle, torque the axle nut to the factory recommended torque specs.
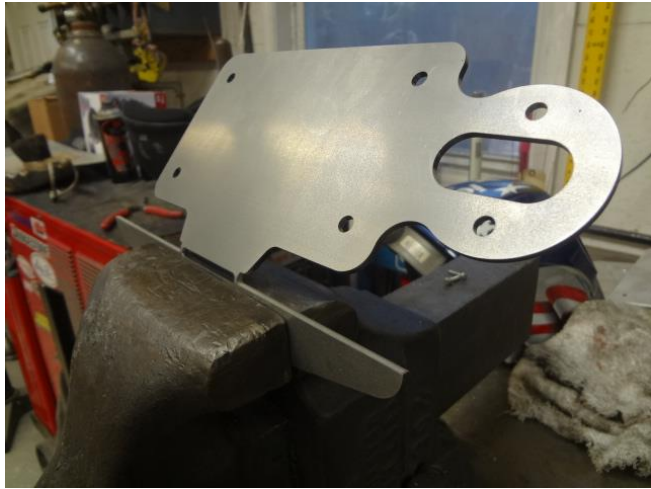
**Figure 1**



**Figure 2**



**Figure 3**



**Figure 4**



**Figure 5**



**Figure 6**