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## Massey Series Combine Grain Tank Extension Assembly Instructions

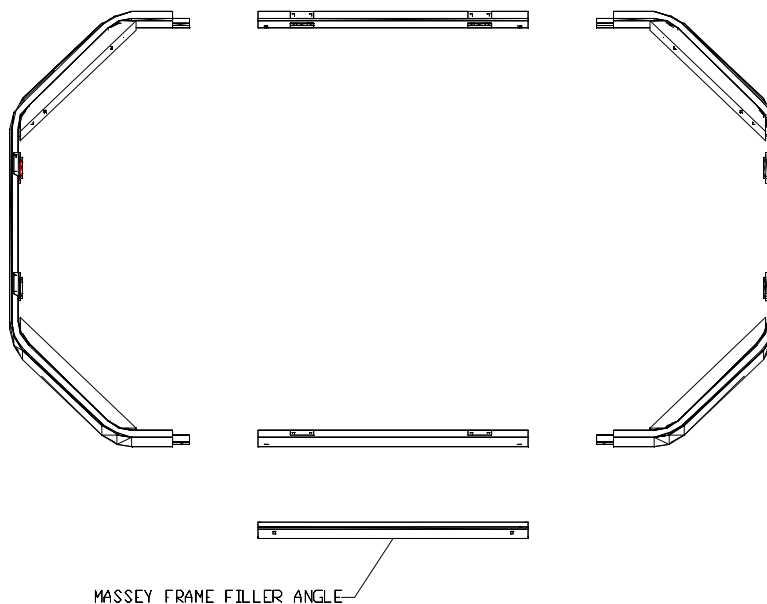
Congratulations on your decision to purchase a Maurer Mfg. grain tank extension!

We suggest that you assemble the extension on the floor and hoist it to the top of your combine. This will simplify the assembly process and eliminate carrying parts to the top of the combine.

### Step 1 – Frame

Lay out the frame halves and extension tubes as shown in Figure 1.

Slide the ends of the frame halves into the ends of the extension tubes. Use the four  $\frac{3}{8}$ " x  $2\frac{1}{4}$ " bolts and four  $\frac{3}{8}$ " nuts that were used to hold frame halves together during shipping to fasten these ends together. (The bolt heads will be on the outside of the extension tubes. The bolts threads and nuts will be on the inside of the grain tank.)

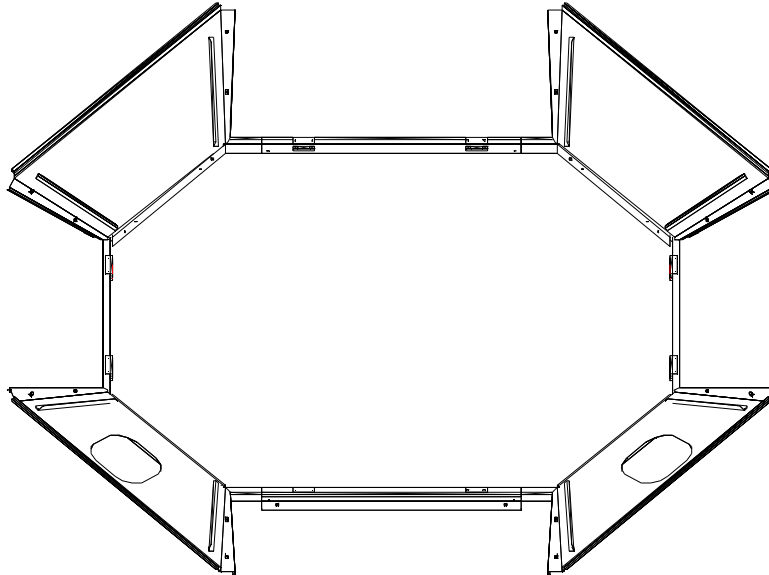


**Figure 1**

Due to alterations made to the grain tanks on certain Massey Ferguson combines, it may be necessary to add the "Massey Filler Frame Angle." The angle bolts to the front of the extension frame with the  $\frac{3}{8}$ " x  $2\frac{1}{4}$ " bolts, and fastens to the grain tank of the combine.

## Step 2 – Corner Panels

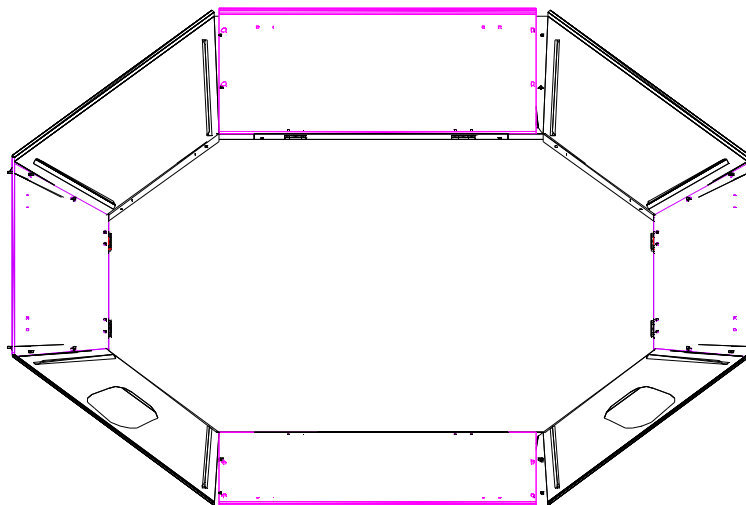
Fasten the four corner panels to the frame using 5/16" X 3/4" bolts and nuts as shown in Figure 2. The solid corner panels will be to the rear of the combine and the widow panels go to the front. (The window corner with the Maurer decal mounts on the left side.)



**Figure 2**

## Step 3 – Front, Back, and Side Panels

Attach the front and back panels to the existing hinges on the extension tubes, and side panels to the existing hinges on the frame halves. The hinges fasten to the inner side of the panels using four 1/4" x 1/2" bolts and four 1/4" nuts per panel (see Figure 3). When fastening these panels to the corners, a slight adjustment might be required to the pins protruding from the corners. Simply place an adjustable wrench over the pin and apply light pressure to align pin with mating hole in the panel. Use 16 quick-release pins to secure the panels to the corners.



**Figure 3**

## Step 4 – Lanyard & Lynch Pin Installation

Align two nylon lanyards with one press rivet and fasten together. Loop and lock the opposite ends around one lynch pin per lanyard. Install this assembly by placing the press rivets through the small holes provided in the corner panels. See figure 4.



**Figure 4**

## Step 5 – Mounting Instructions

Hoist the assembled extension to the top of the grain tank.

Position the extension with the window panels to the front and the warning labels to the rear of the combine. Bolt down to top of tank using four 3/8" x 4" bolts and four 3/8" nuts.

The black plastic plugs in the bolt bag have been provided to fill the bolt holes in the top of the front, back and side panels, if tip-up kit will not be installed.

