

Big Tex & PJ Trailers Steel External Mount Tarping System Full Assembly

INSTALLATION INSTRUCTION MANUAL

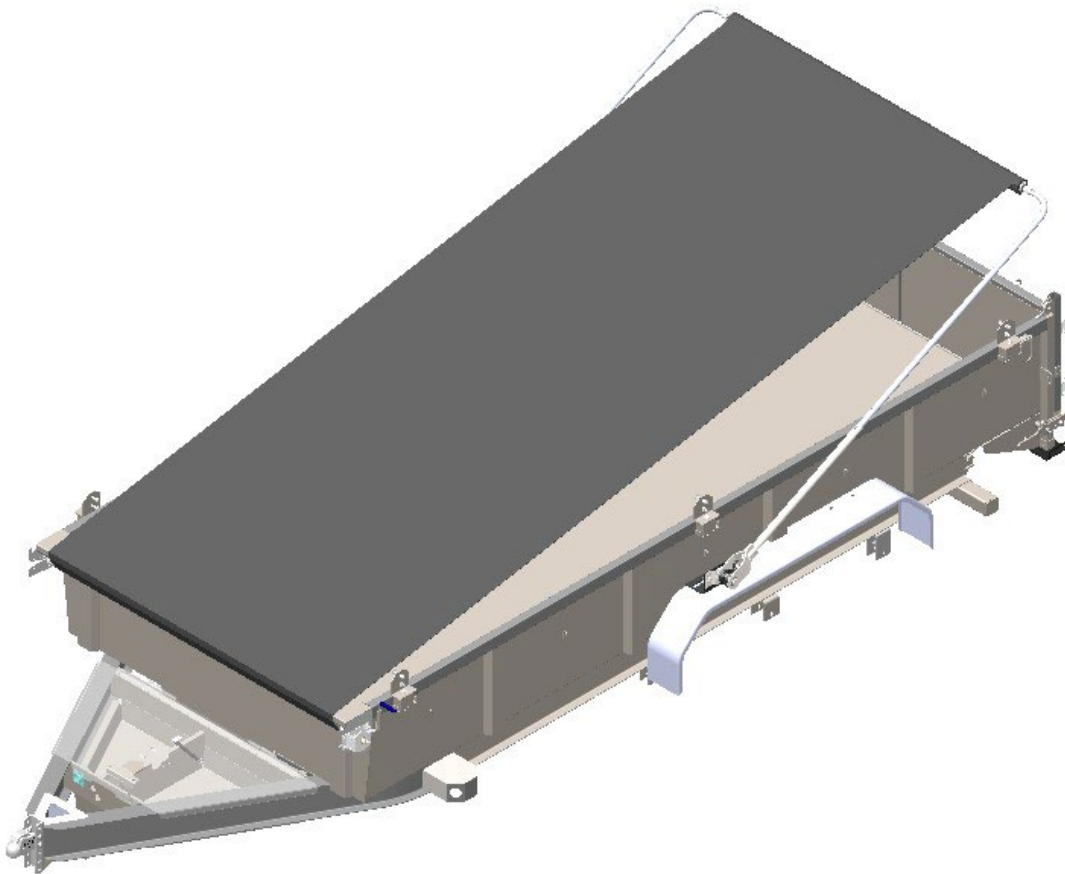


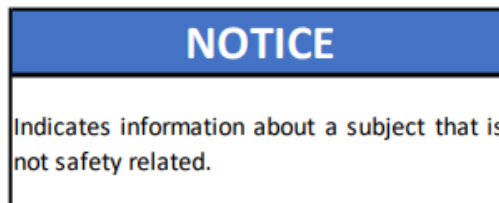
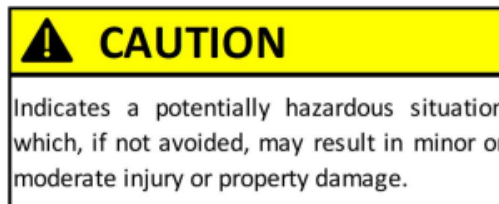
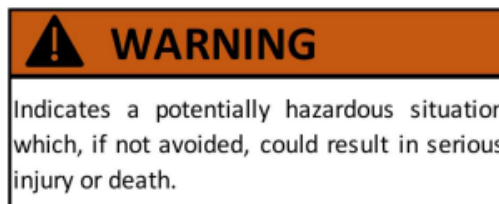
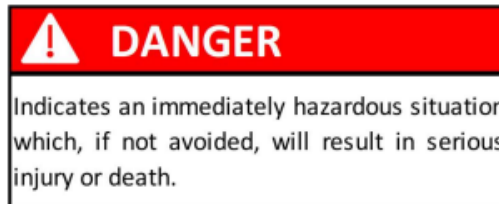
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SAFETY

Read this section carefully before proceeding. The following symbols may appear prior to certain safety related assembly and installation steps described in this manual.

FAILURE TO OPERATE AND INSTALL THIS UNIT AS INSTRUCTED MAY RESULT IN SERIOUS INJURY OR DEATH.



Step 1: Installing the Tarp Axle

Slide the axle into the mounting bracket slots so that the Ground Level Crank handle is on the driver side of the trailer.

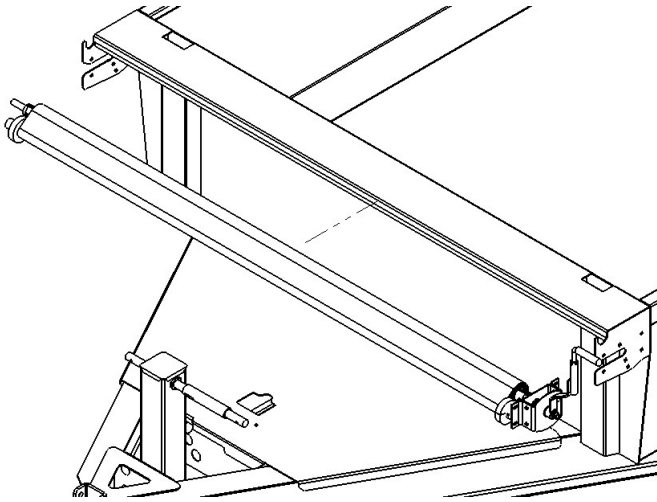


Figure 1.1

Bolt the GLC mounting bracket to the trailer using 4, 5/16" x 1" hex bolts, washers, and nylon lock nuts.

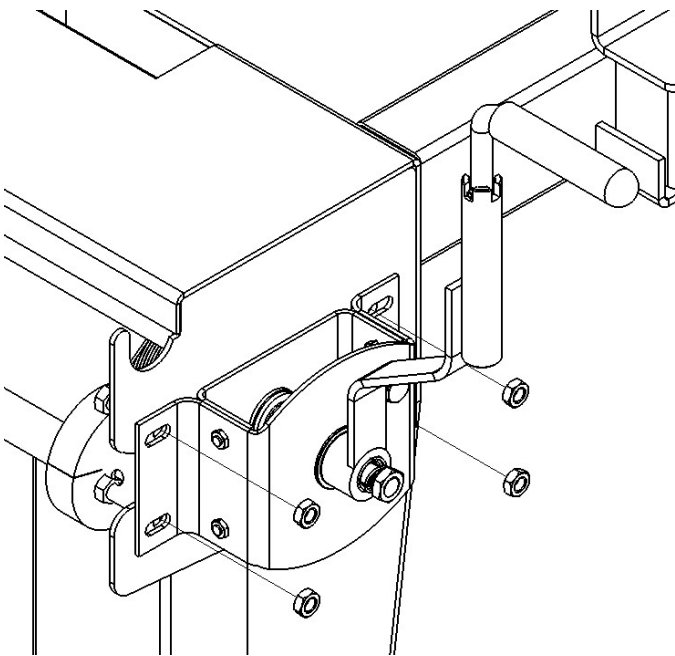


Figure 1.2

On the passenger side of the trailer, slide the cast bearing onto the spool shaft and mount it to the outside of the trailers mounting brackets using 2, 5/16" x 1" hex bolts and hex nuts.

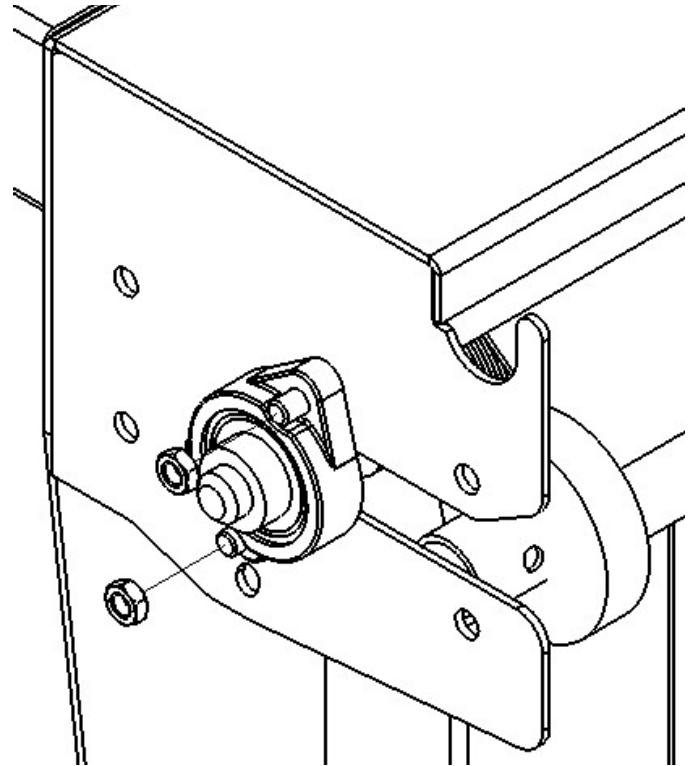


Figure 1.3

Step 2: Mounting the Tarp Arms

Attaching the Lower Arms

Mount the pivot pin mounting bracket to the fender of the trailer, at the frontmost mounting holes, using 2, 5/8 x 1-1/2" hex bolts and hex nuts and washers. Leave the mounting bracket loose enough to adjust later.

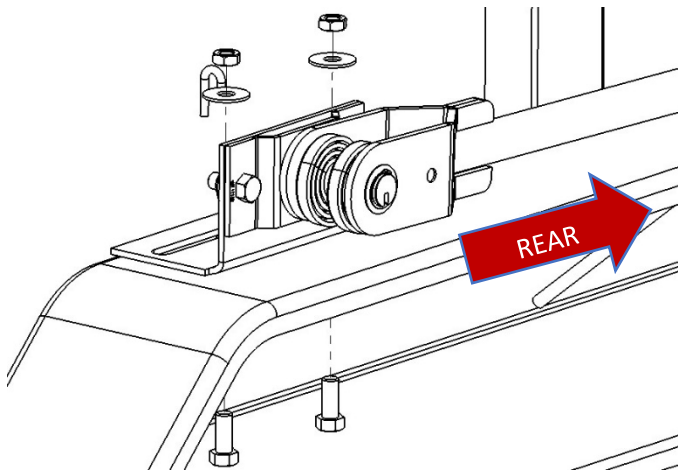


Figure 2.1

NOTICE

The slot on the pivot pin must be facing down and the lower arm should point toward the rear of the trailer.

Repeat the previous steps to install the lower arm on the opposite side of the dump box.

Attaching the Arms and Cross Tube

Pull the tarp and cross-tube to the rear of the trailer.

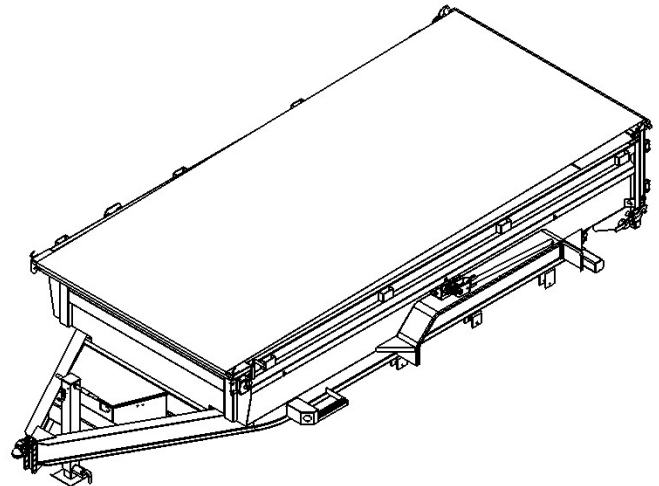


Figure 2.2

Insert the swaged end of the 90 degree upper arm into the cross tube.

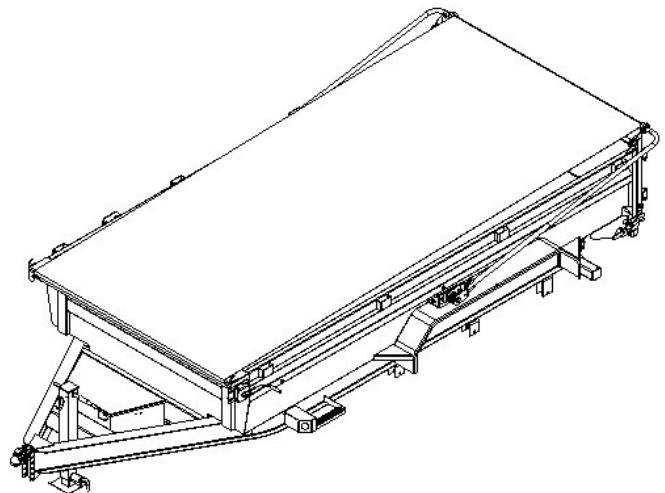


Figure 2.3

With the cross tube laying on the tailgate of the dump box, position the upper arms so that the hole on the upper arm, corresponding to the trailer, aligns with the designated mounting hole on the

lower arms. Use Table 2.1 to determine which upper and lower arm mounting holes correspond to the trailer the system is being mounted to.

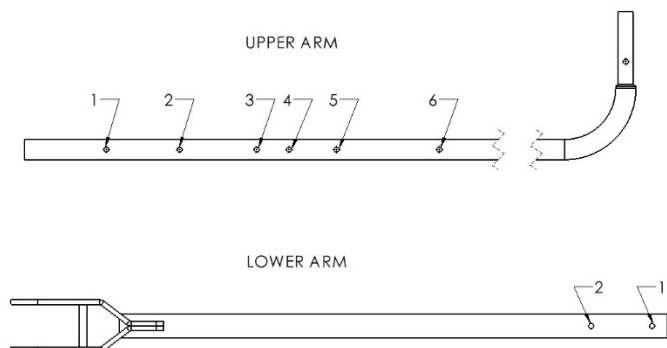


Figure 2.4

TRAILER NAME	UPPER ARM HOLE	LOWER ARM HOLE
14XD-16, 2' Sides	3	1
14XD-14, 2' Sides	6	1
14XD-16, 4' Sides	1	2
14XD-14, 4' Sides	5	1
DV16, 2' Sides	3	1
DV14, 2' Sides	6	1
DV16, 4' Sides	2	1
DV14, 4' sides	4	2

Table 2.1

Secure the upper arm to the lower arm using a 5/16" x 2-1/4" hex bolt and 5/16" hex nut.

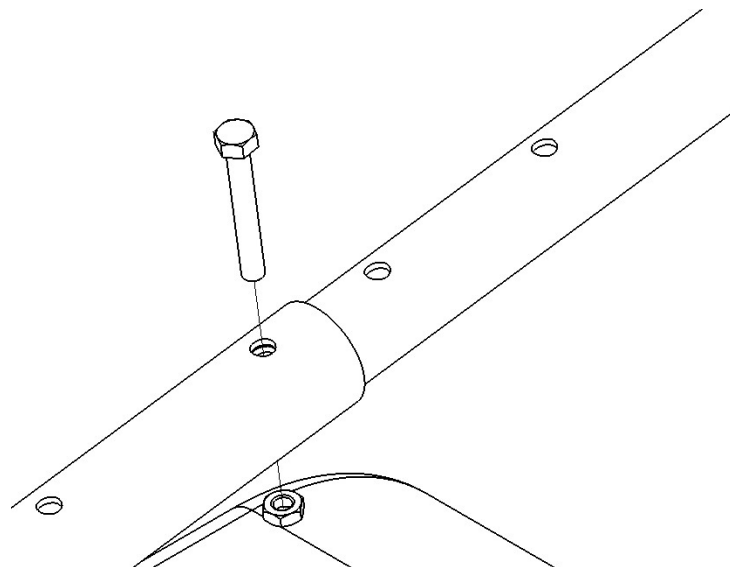


Figure 2.5

Secure the 90 degree upper arms and cross tube using 5/16" x 1-3/4" hex bolts and 5/16" hex nuts. (Figure 3.11)

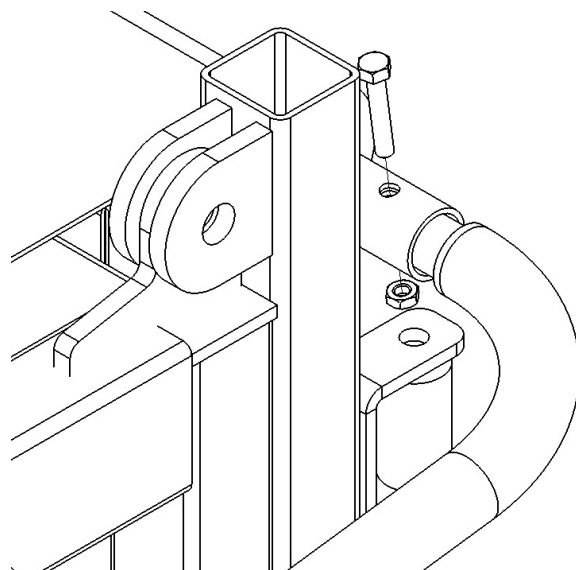


Figure 2.6

Step 3: Adjusting the Mounting Brackets

Once the arms and cross tube are connected adjust the position of the pivot pin mounting brackets so that the cross tube clears the rear post of the trailer by 1/2" as shown in Figures 3.1 and 3.2.

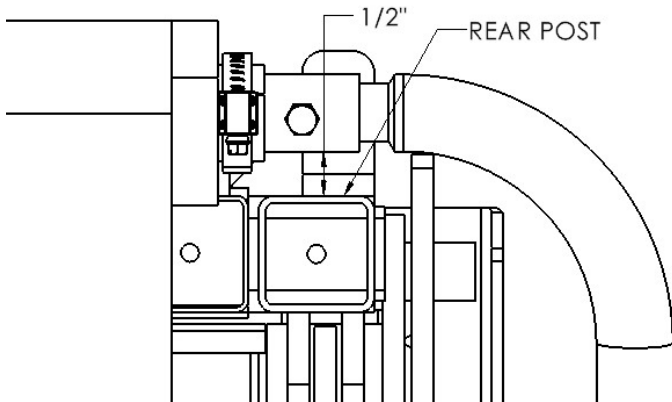


Figure 3.1

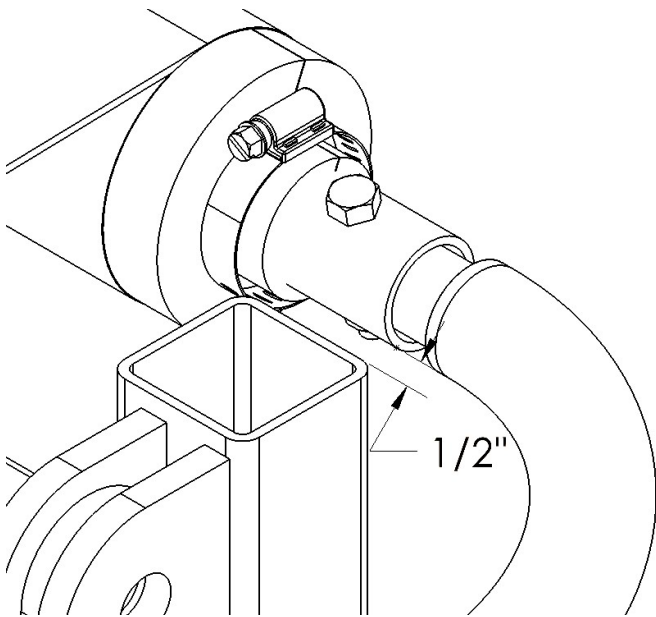


Figure 3.2

Ensure that the tarp centering flange lands on the rear angle bracket when the tarp is fully relaxed.

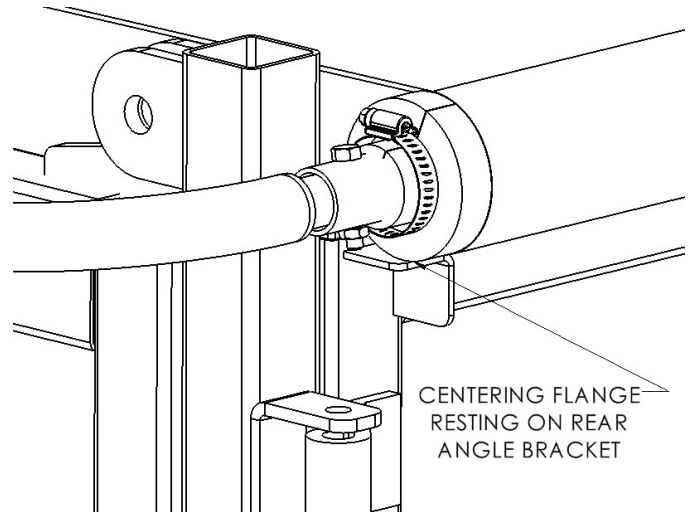


Figure 3.3

With the centering flanges resting on the rear angle brackets, tighten down the pivot mounting brackets to lock the pivot into place.

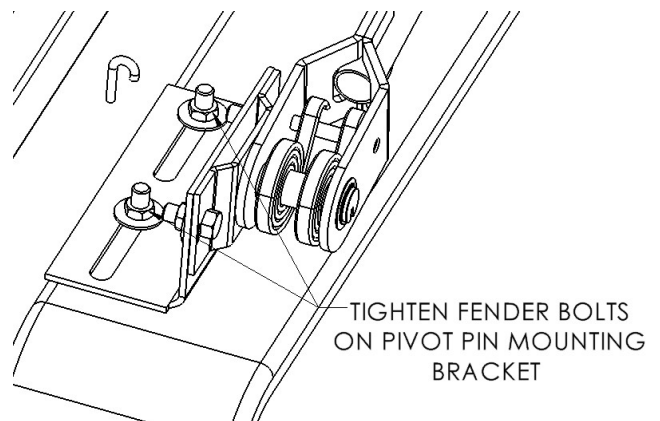


Figure 3.4

Step 4: Final Steps

Run the system in and out once or twice and ensure that the cross bar is landing in good positions on the front and rear of the trailer. Also ensure that the system remains square with the trailer. Adjust where necessary.

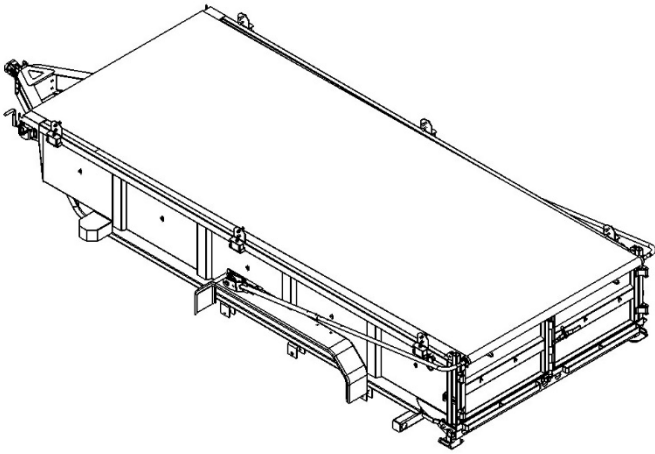


Figure 4.1

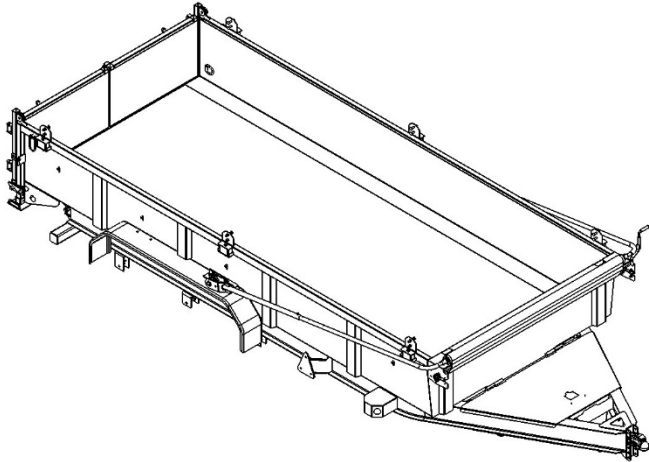


Figure 4.2