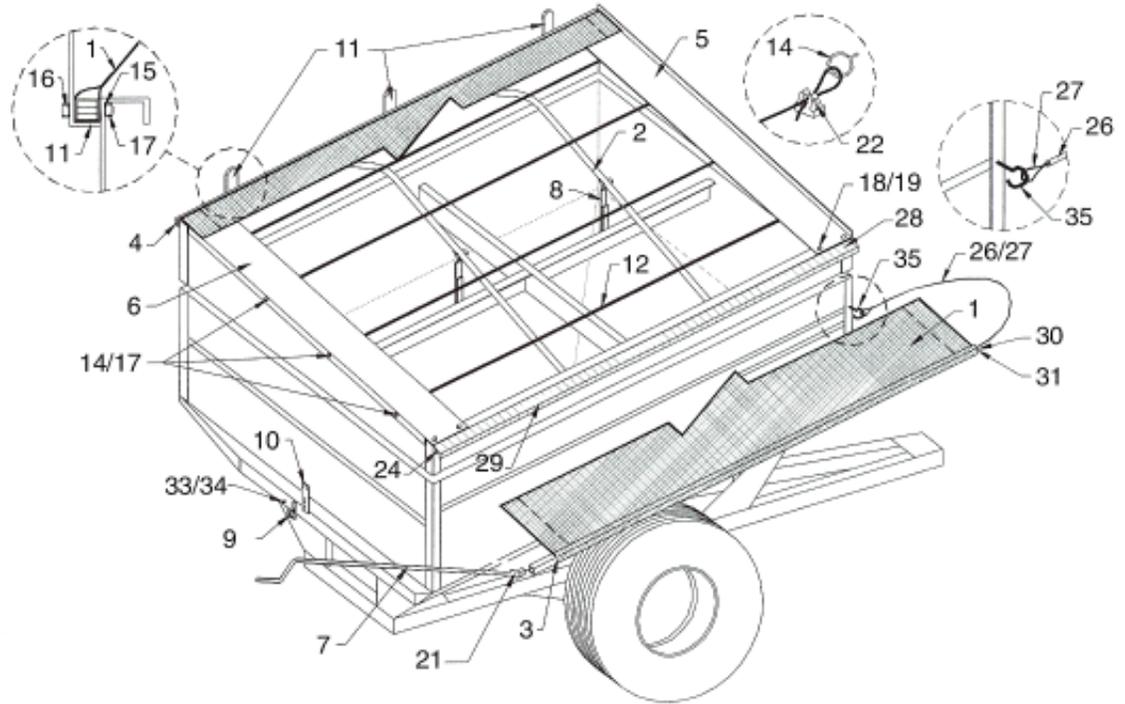




# Grain Cart Roll Tarp Parts List and Set Up Instructions



## PARTS LIST

#	Part #	Description	Qty	#	Part #	Description	Qty
1	525CT	Tarp w/ Rivets (525)	1	5	119FP	Front End Panel (525)	1
1	620T	Tarp w/ Rivets (620)	1	5	14012FP	Front End Panel (620, 750, 875, 1000 thru 1326)	1
1	750CT	Tarp w/ Rivets (750)	1	5	137FP	Front End Panel (1075)	1
1	875T	Tarp w/ Rivets (875)	1	6	119RP	Rear End Panel (525)	1
1	1050T	Tarp w/ Rivets (1000 thru 1151)	1	6	14012RP	Rear End Panel (620, 750, 875, 1000 thru 1326)	1
1	1075T-1822	Tarp w/ Rivets (1075)	1	6	137RP	Rear End Panel (1075)	1
1	1325T	Tarp w/Rivets (1325, 1326)	1	7	CUJ-1N	Crank with Splined U-Joint (525)	1
2	116TB	Bows for Tarp (525)	2	7	CUJ-1LN	Crank with Splined U-Joint (620, 750, 875) L	1
2	137TB	Bows for Tarp (620) Bows for Tarp (750, 875)	3	7	CUJ-1EL	Crank with Splined U-Joint (1000 thru 1326) X-L	1
		Bows for Tarp (1000 thru 1151)	5	8	ABS-2	Adjustable Bow Supports (525)	2
		Bows for Tarp (1325, 1326)	6			Adjustable Bow Supports (750,875)	3
2	134TB	Bows for Tarp (1075)	4	8	ABS-2L	Adj. Bow Supports (620) L	2
3	150RT	1 1/4" Square Roll Tube (525)	1			Adj. Bow Supports (1075) L	4
3	164RT	1 1/4" Square Roll Tube (620)	1			Adj. Bow Supports (1000 thru 1151) R	5
3	174RT	1 1/4" Square Roll Tube (750)	1	8	ABS-2XL	Adj. Bow Supports (1325, 1326) XL	6
3	198RT	1 1/4" Square Roll Tube (875)	1	9	CH-1N	Crank Holder	1
3	230RT	1 1/4" Square Roll Tube (1075)	1	10	ABCH-1	Adj. Bar for Crank Holder (525)	1
3	1050RT	1 1/4" Square Roll Tube (1000 thru 1151) 270"L	1	10	ABCH-1L	Adj. Bar for Crank Holder (620, 750, 875)	1
3	1325RT	1 1/4" Square Roll Tube (1325, 1326)	1	10	ABCH-1EL	Adj. Bar for Crank Holder (1000 thru 1326)	1
4	144TT	1" Square Tiedown Tube (525)	1				
4	158TT	1" Square Tiedown Tube (620)	1				
4	168TT	1" Square Tiedown Tube (750)	1				
4	192TT	1" Square Tiedown Tube (875)	1				
4	224TT	1" Square Tiedown Tube (1075)	1				
4	1050TT	1" Square Tiedown Tube (1000 thru 1151) - 264"L	1				
4	1325TT	1" Square Tiedown Tube (1325, 1326) - 312"L	1				

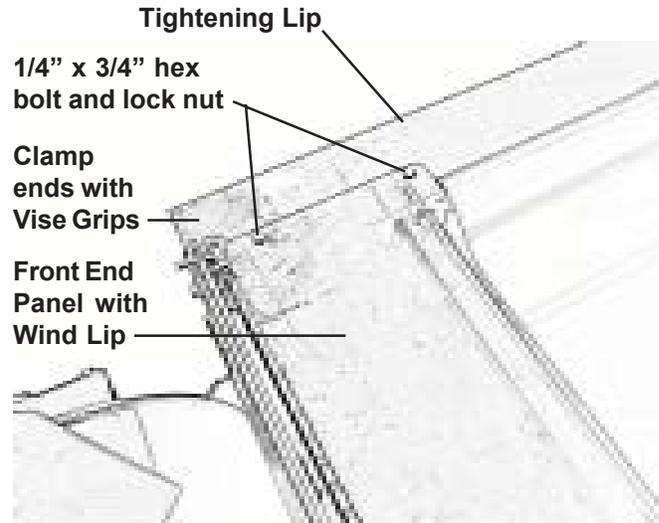
#	Part #	Description	Qty	#	Part #	Description	Qty
11	TSB-1	Tarp Stop Bracket (525 thru 875, 1075)	3	27	BC-156	3/8" Bungee Cord x 169" (525)	1
		Tarp Stop Bracket (1000 thru 1326)	3	27	BC-180	3/8" Bungee Cord x 188" (620)	1
12	316C-150	3/16" Cable (525)	4	27	BC-194	3/8" Bungee Cord x 194" (750)	1
12	316C-164	3/16" Cable (620)	4	27	BC-208	3/8" Bungee Cord x 208" (875 thru 1326)	1
12	316C-174	3/16" Cable (750)	4	28	TL-144	Tightening Lip x 144" (525)	1
12	316C-198	3/16" Cable (875)	4	28	TL-158	Tightening Lip x 158" (620)	1
12	316C-1050	3/16" Cable (1000 thru 1151) 270"L	4	28	TL-168	Tightening Lip x 168" (750)	1
12	316C-240	3/16" Cable (1075)	4	28	TL-192	Tightening Lip x 192" (875)	1
12	316C-1325	3/16" Cable (1325, 1326)	4	28	TL-264	Tightening Lip x 264" (1000 thru 1151) (2 pcs L/R)	1
13	381-HB	3/8" x 1" Hex Bolt (525, 620)	10	28	TL-1325	Tightening Lip (1325, 1326)	1
		3/8" x 1" Hex Bolt (750, 875)	14	30	SPG-1	Square Plastic Grommet	1
		3/8" x 1" Hex Bolt (1075)	18	31	14STS	1/4" Self Tapping Screw	1
		3/8" x 1" Hex Bolt(1000 thru 1326)	22	32	BCC-1	Bungee Cord Clip	5
14	384JB	3/8" J-Bolt	8	33	12114HB	1/2" x 1 1/4" Hex Bolt	1
15	_____	_____	—	34	12LN	1/2" Lock Nut	1
16	382-HB	3/8" x 2" Hex Bolt (525-875)	4	35	516EB	5/16" Eyebolt with Nut	1
		3/8" x 2" Hex Bolt (1000 thru 1326)	5				
17	HLN-38	3/8" Hex Lock Nut (525, 620)	22				
		3/8" Hex Lock Nut (750, 875)	26				
		3/8" Hex Lock Nut (1075)	30				
		3/8" Hex Lock Nut (1000 thru 1326)	34				
18	1434-HHMB	1/4" x 3/4" Hex Bolt (525, 620)	16				
		1/4" x 3/4" Hex Bolt (750, 875)	20				
		1/4" x 3/4" Hex Bolt (1075)	24				
		1/4" x 3/4" Hex Bolt (1000 thru 1326)	28				
19	HLN-14	1/4" Hex Lock Nut (525, 620)	17				
		1/4" Hex Lock Nut (750, 875)	21				
		1/4" Hex Lock Nut (1075)	25				
		1/4" Hex Lock Nut (1000 thru 1326)	29				
21	14212-HB	1/4" x 2 1/2" Hex Bolt	1				
22	316CC	3/16" Cable Clamp	8				
24	381-SB	3/8" x 1" Stove Bolt (525, 750, 875)	2				
		3/8" x 1" Stove Bolt (620)	6				
		3/8" x 1" Stove Bolt (1075, 1000 thru 1326)	4				
25	PT-129	1/2" Plastic Tube x 141" (525)	1				
25	PT-150	1/2" Plastic Tube x 160" (620)	1				
25	PT-166	1/2" Plastic Tube x 166" (750)	1				
25	PT-180	1/2" Plastic Tube x 180" (875 thru 1326)	1				

## Roll Tarps for Grain Carts SET-UP INSTRUCTIONS

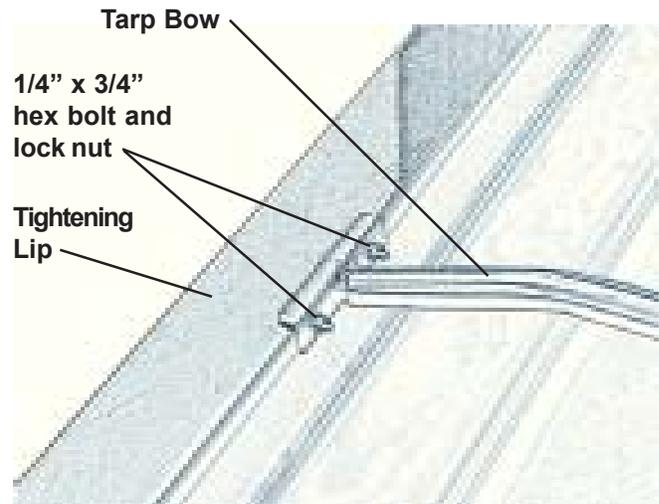
### Installing the Tightening Lip, Bows and End Panels

- 1** Place Tightening Lip on top of low side of grain tank and clamp ends with a vise grips. (NOTE: Grain Cart models 750-18, 1075-18 and 1075-22 have the Tightening Lips built into the grain cart extension. For these model carts, this step can be ignored.)

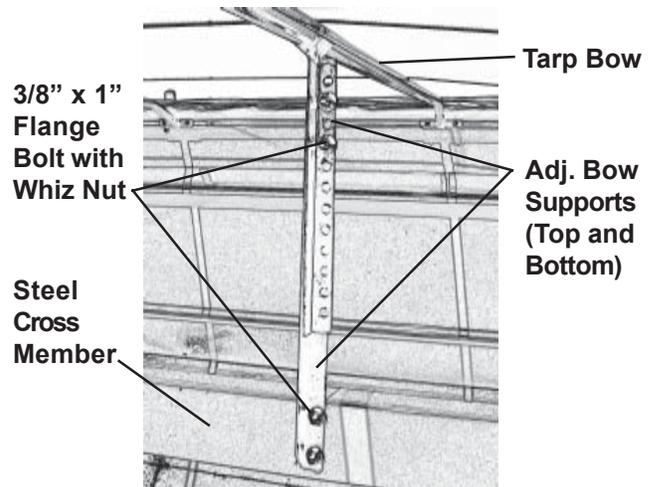
Position the Front End Panel (with wind lip) over the front end of the tapered top extensions of the grain cart. Align and drill 1/4" holes through the top two pre-drilled holes on each end of the front panel and attach using 1/4" x 3/4" hex bolts and 1/4" lock nuts. Repeat to mount the Rear End Panel to the rear rear tapered top extension of the grain cart.



- 2** Place the Bows between the sides of the grain cart tank. Align the pre-punched holes in the Bows with the pre-punched holes in the Tightening Lip and side extension. Attach the Bows using 1/4" x 3/4" hex bolts and 1/4" hex lock nuts. **NOTE: The high side of the bow should be placed on the left side of the grain cart.**



- 3** Position the Bow Supports under the Bows. Attach the Bow Supports to the steel cross members of the grain cart by drilling a 3/8" holes in the cross member and securing with 3/8" x 1" bolt and 3/8" lock nut. Adjust the height of the Bow Support so the top of the support cradles the Bow. Secure the top and bottom of the Bow Supports using a 3/8" x 1" bolt and 3/8" lock nut.

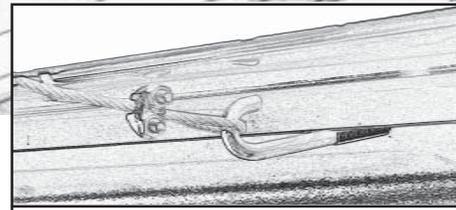
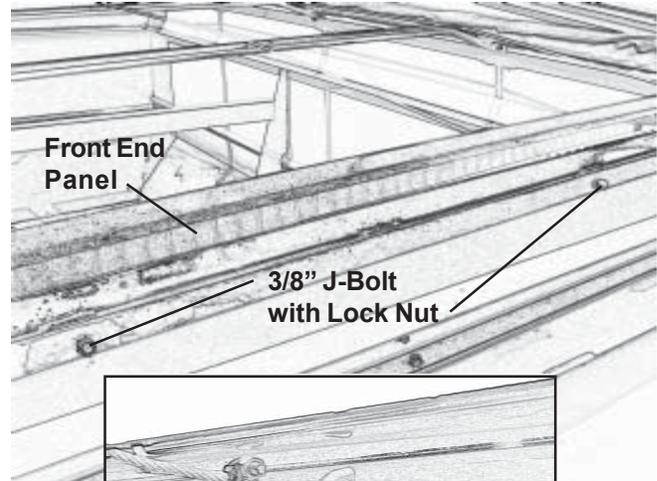


## Roll Tarps for Grain Carts SET-UP INSTRUCTIONS (Continued)

### Mounting the Center Cable Supports

- 4** Locate the pre-punched holes in the End Panels and drill  $\frac{3}{8}$ " holes through the grain tank extensions. Attach one  $\frac{3}{8}$ " J-Bolt to the inside of the End Panel using one  $\frac{3}{8}$ " hex lock nuts.

Lay the cables over the Tarp Bows. Thread the cable end through the small hole on the edge of the End Panel and attach the cable to the J-Bolt using one  $\frac{3}{16}$ " cable clamp. Adjust the tension on the cable so the tarp will not sag.



View Inside Tank showing J-Bolt, Cable and Cable Clamp

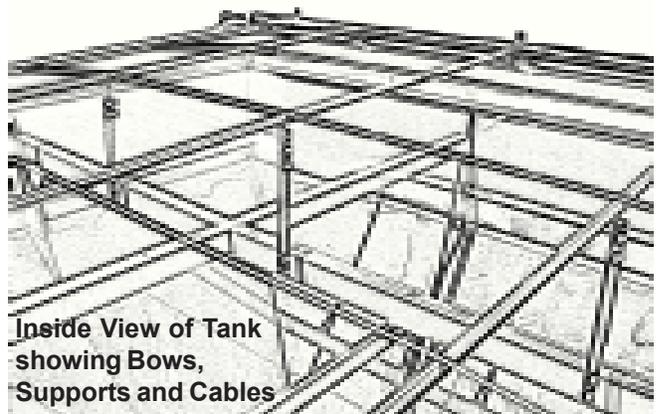
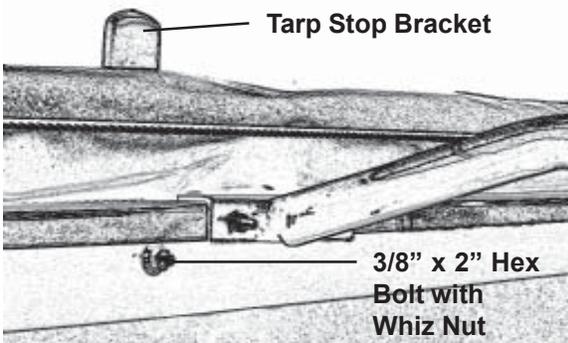
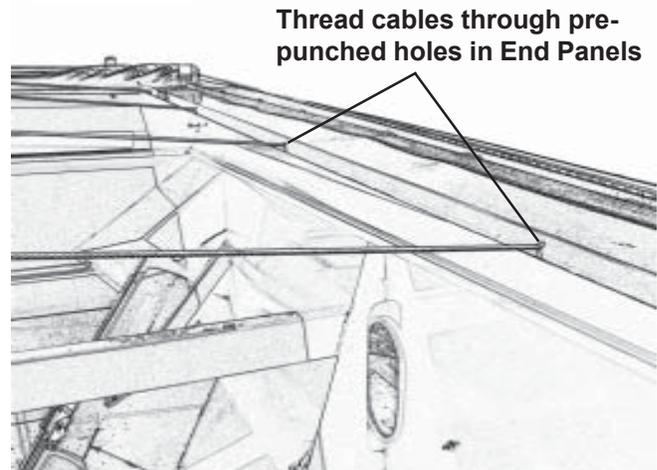
### Mounting the Tarp

- 5** Lay the tarp out flat (dull side up). Insert the 1" Square Tie-Down Tube into the 3" end loop of the tarp until the Tie-Down Tube is extended two inches beyond the edge of the tarp.

Insert the 1  $\frac{1}{4}$ " Square Roll Tube into the 3  $\frac{1}{2}$ " end loop of the tarp. The Roll Tube should be extended  $\frac{1}{2}$ " from the edge of the front of the tarp and extend 8" past the rear of the tarp.

Place the tarp with the tubes onto the grain cart and align. The 1" Square Tie-Down Tube should be located on the high side of the grain cart tapered top extensions and the 1  $\frac{1}{4}$ " Square Roll Tube should be located on the low side of the grain cart tapered top extensions.

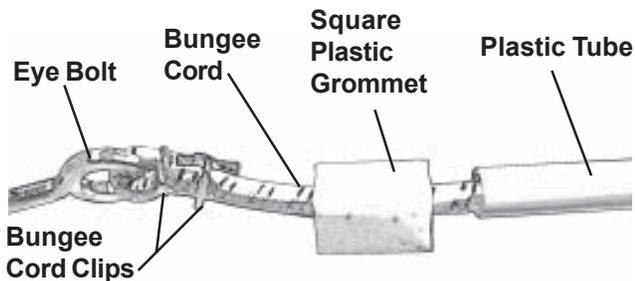
Two Tarp Stop Brackets should be placed approximately 24" in from the end of the tarp. Drill a  $\frac{3}{8}$ " hole through the tarp, 1" Square Tie-Down Tube and the grain cart high tapered top extension. Bolt the Tarp Stop Bracket, 1" Square Tie-Down Tube and Roll Tarp to the high side extension using one  $\frac{3}{8}$ " x 2" hex bolts, one  $\frac{3}{8}$ " flat washers and one  $\frac{3}{8}$ " lock nut. Center a third Tarp Stop Bracket between the two end tarp stops and secure in the same procedure.



## Roll Tarps for Grain Carts SET-UP INSTRUCTIONS (Continued)

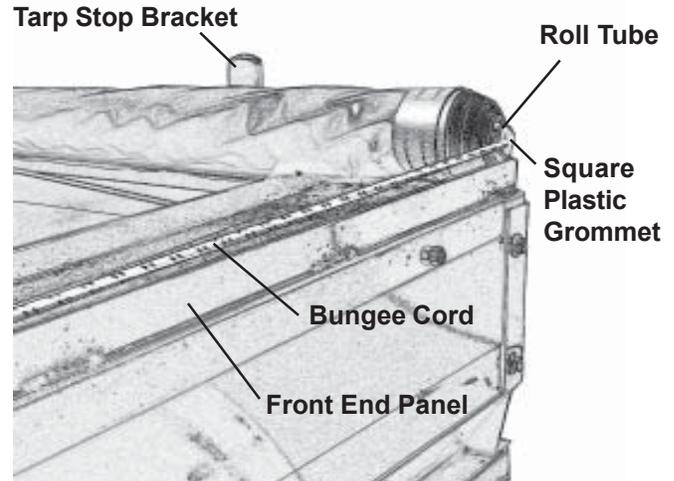
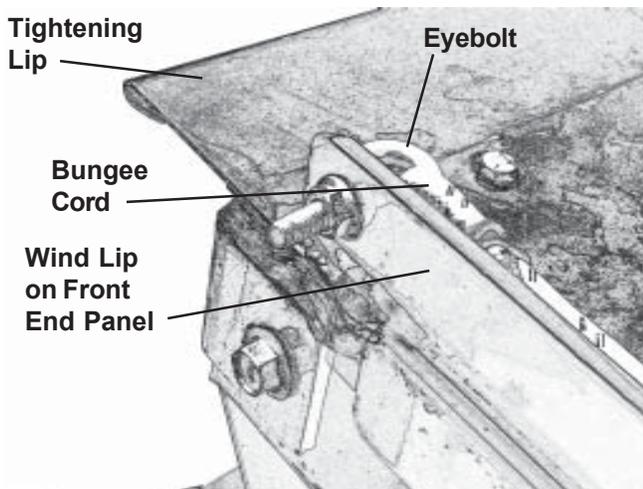
### Attaching the Rivets

- 6** After the tarp is in place, drill 1/4" holes through the tarp and the outside wall of the Roll Tube at each seam and in the front and rear hems. Keep the holes 1" to 1 1/2" from the end of the tarp to allow space for the Square Plastic Grommet. Drive the 1/4" rivets into the roll tube until it is flush with the cap.



### Attaching the Bungee Cord

- 7** Roll the tarp into the covered position. Slide the Bungee Cord through the 1/2" Plastic Tube. Fold and clamp the end of Bungee Cord so the cord cannot slip through the plastic tube. Slide the Plastic Tube (clamped end first) into the 1 1/4" Roll Tube end that is 1/2" from the end of the tarp. Slip the Square Plastic Grommet with the chamfer end facing out onto the Bungee Cord and drive the plastic grommet into the 1 1/4" Roll Tube. Secure the Square Plastic Grommet to the 1 1/4" Square Roll Tube by drilling a 1/4" self-tapping screw through the Roll Tube and into the Square Plastic Grommet. Attach the 5/16" Eyebolt into the wind lip on the tightening lip side. NOTE: If a hole is not pre-punched into the wind lip, drill a 5/16" hole in the vertical wind lip of the Front End Cap approximately 1" from the end.



### Mounting the Crank

- 8** Attach the Crank to the Universal Joint using 1/4" x 2 1/2" hex bolt and 1/4" lock nut. Attach the Universal Joint to the 1 1/4" Roll Tube using one 3/8" x 2" bolt and 3/8" lock nut. Drill 3/8" holes into the center of the grain cart tank rear end and attach the Crank Holder Adjustable Bar using 3/8" x 1" hex bolts and 3/8" lock nuts. Attach the Crank Holder to the Adjustable Bar using 1/2" x 1 1/4" hex bolts and lock nuts. Tighten the bolt but allow the Crank Holder to swing free on the adjustable bar.

