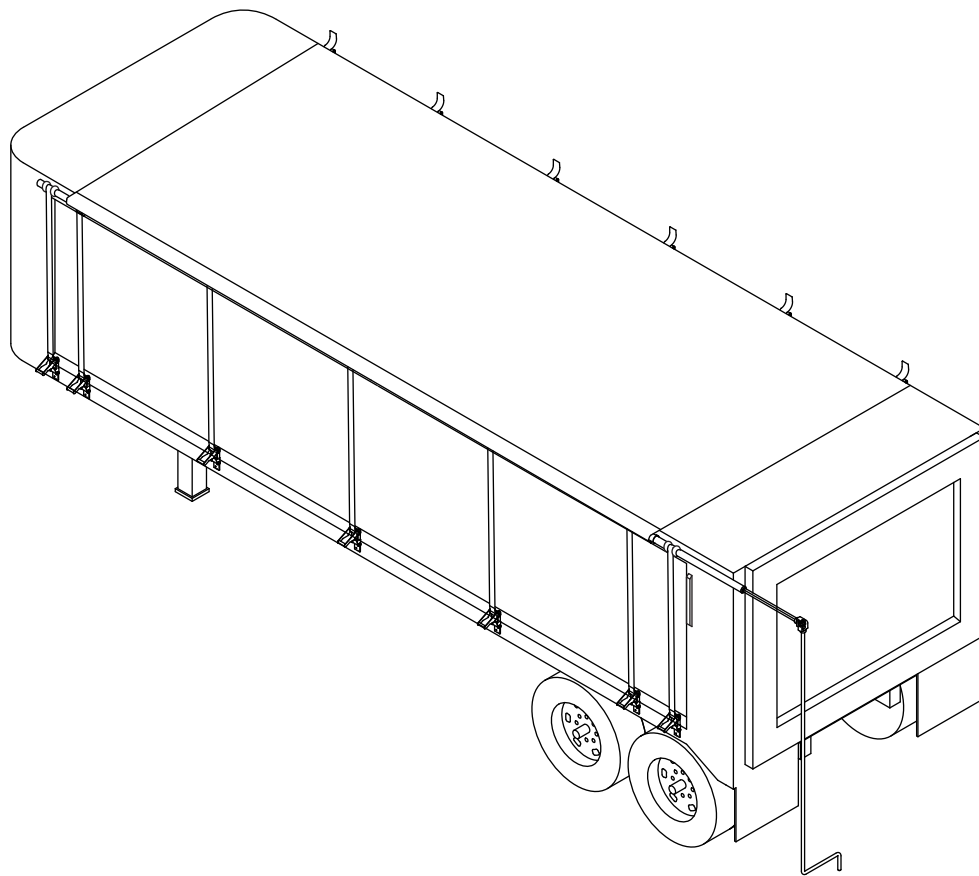




Serving the Truck & Trailer Industry  
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# **Classic Roll Tarp for Rendering Trailer**

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## **Installation Instructions**

**Attention Dealers:** Please give this owners manual to the customer when the product is delivered.

Call 800-535-9545 | [www.aeroindustries.com](http://www.aeroindustries.com)

Indianapolis, IN | Omaha, NE | Kent, OH

# Classic Roll Tarp for Rendering Trailer

## **Installation Directory**

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# Classic Roll Tarp for Rendering Trailer

This manual explains how to install, operate, and maintain a Classic Roll Tarp System. Be sure to read the entire manual before beginning installation

## **Types of Safety Messages**

### Explanation of Signal Words

- ⚠ DANGER:** Risk of death or serious injury to operator or bystander will result.
- ⚠ WARNING:** Risk of death or serious injury to operator or bystander could result.
- ⚠ CAUTION:** Risk of injury to operator or bystander could result.
- IMPORTANT:** Contains information critical to installation, operation, or warranty policy.
- NOTICE:** Risk of product or vehicle being damaged.
- NOTE:** Contains information critical to the installation or operation of this product.

### Safety Considerations

- ⚠ WARNING:** Read this entire manual before installing this product. Read all labels before operating.
- ⚠ WARNING:** Be sure that your working platform is secure as you work on the truck. Use OSHA approved ladders or scaffolding to work above ground level.
- ⚠ WARNING:** Always wear safety glasses during installation and operation.
- ⚠ CAUTION:** Keep all clothing clear of moving parts.
- ⚠ CAUTION:** Keep everyone clear of the area. Always check to make sure no one is in the path of moving parts.
- IMPORTANT:** When not in use, the tarp should be kept fully opened to prevent moisture from collecting on the tarp surface. Failure to open tarp could cause damage to the tarp system and will not be covered by warranty.

# Classic Roll Tarp for Rendering Trailer

## **Aero Warranty**

Aero Products come with a one year warranty on all parts. It's another example of our ongoing commitment to customer satisfaction and quality.

**Customer:** If you have any concerns or questions prior to the installation of this product, please call our Customer Service at 1-800-535-9545.

## **Tools Required for Installation**

Marker or Felt Pen

Tape Measure

Awl

Hammer

Hack Saw

Saw

Drill Bits: 9/32", 11/32"

Sockets: 5/16", 7/16", 9/16"

Open End or Box Wrenches: 5/16", 7/16", 9/16"

Torx T40

Hex Key: 5/16"

Phillips: #3

Electric or Air Drill

Welder

# Classic Roll Tarp for Rendering Trailer

## Installation Instructions

### Step 1

#### Assemble Anchor Pipe and Roll Pipe

- 1) Figures 1 & 2.** Attach lengths of anchor pipe and weld together. Do the same with the roll pipe.
- 2) Figure 3.** Cut the anchor pipe flush with the ends of the pocket on the tarp.
- 3)** Place rubber caps on ends of anchor pipe.
- 4) Figure 3.** Slide the anchor pipe into the tarp pocket and secure with #14 x 1" PPH self-drilling screw.
- 5) Figure 3.** Slide the roll pipe into the other pocket and leave 12" sticking out at the front of the tarp.
- 6)** Place rubber cap on front end of roll pipe, back end will receive steel gudgeon for crank drive in Step 4.
- 7) Figure 3.** 1/4" from each edge of tarp, and spaced evenly along length, secure tarp to roll pipe with (5) U-clamps and #14 x 1" PPH self-drilling screws.

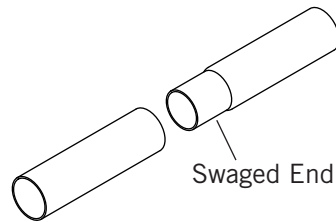
**NOTE:** Do not cut the roll pipe at the rear of the tarp, that will be done later.

**NOTE:** U-Clamps can be attached after tarp is in position.

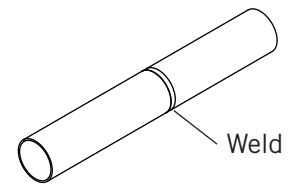
### Step 2

#### Position Tarp on Trailer

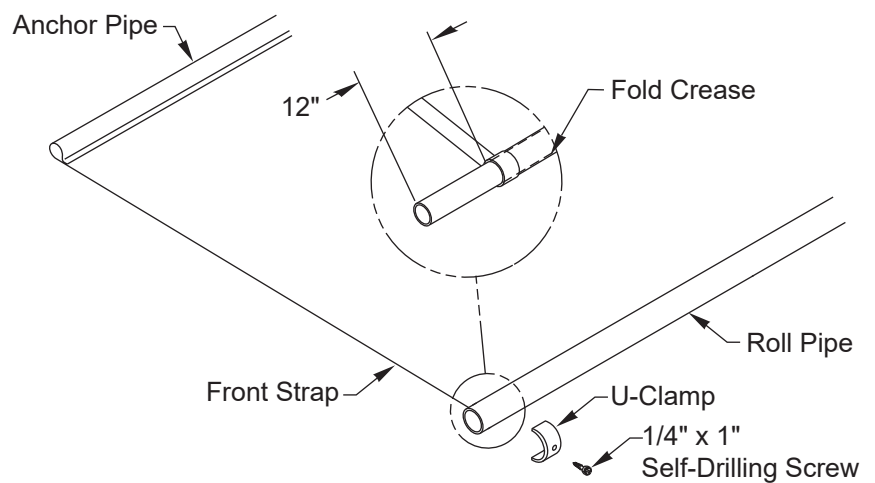
- 1)** Roll the tarp onto the roll pipe and place on the trailer. Position the tarp front to back, centered on the opening on top of the trailer.



**Figure 1**



**Figure 2**



**Figure 3**

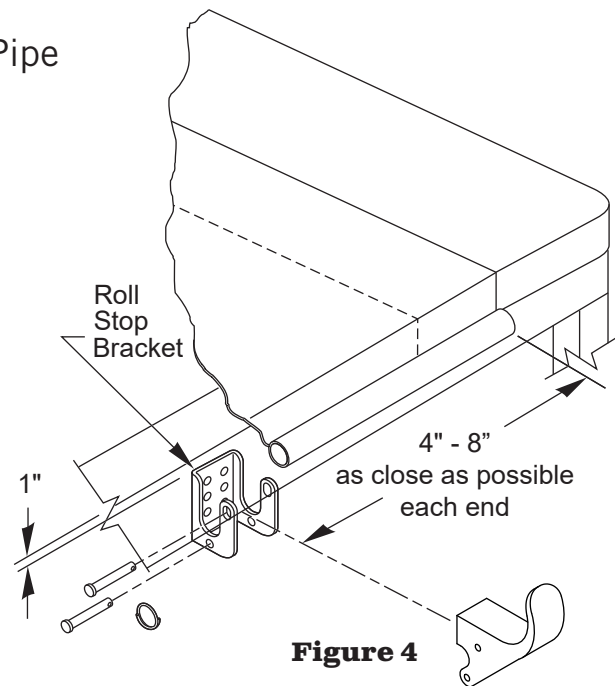
# Classic Roll Tarp for Rendering Trailer

## Installation Instructions

### Step 3

#### Install Roll Stops and Secure Anchor Pipe

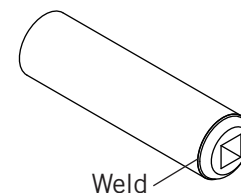
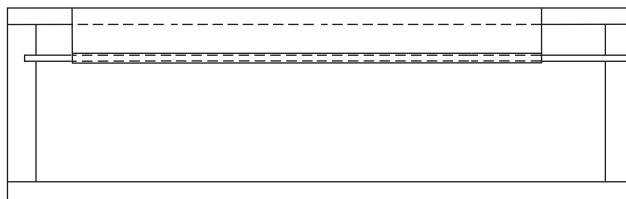
- 1) Figure 4.** Locate first roll stop bracket 4"-8" from end of anchor pipe and 1" down from top rail.
- 2) Figure 4.** Drill a pilot hole and attach with (2) 3/8 x 1" HWH Type F bolts.
- 3)** Locate last roll stop bracket 4"-8" from end of anchor pipe or as close as possible and 1" down from top rail.
- 4)** Evenly space roll stop brackets along top rail with maximum of 96" apart.
- 5)** Place anchor pipe into roll stop and assemble stop.



### Step 4

#### Cut Roll Pipe and Weld Crank Drive

- 1) Figure 5.** Mark and cut roll pipe flush with back of tailgate.
- 2) Figure 6.** Insert the gudgeon casting into roll pipe and weld in place.



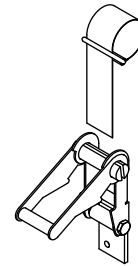
# Classic Roll Tarp for Rendering Trailer

## Installation Instructions

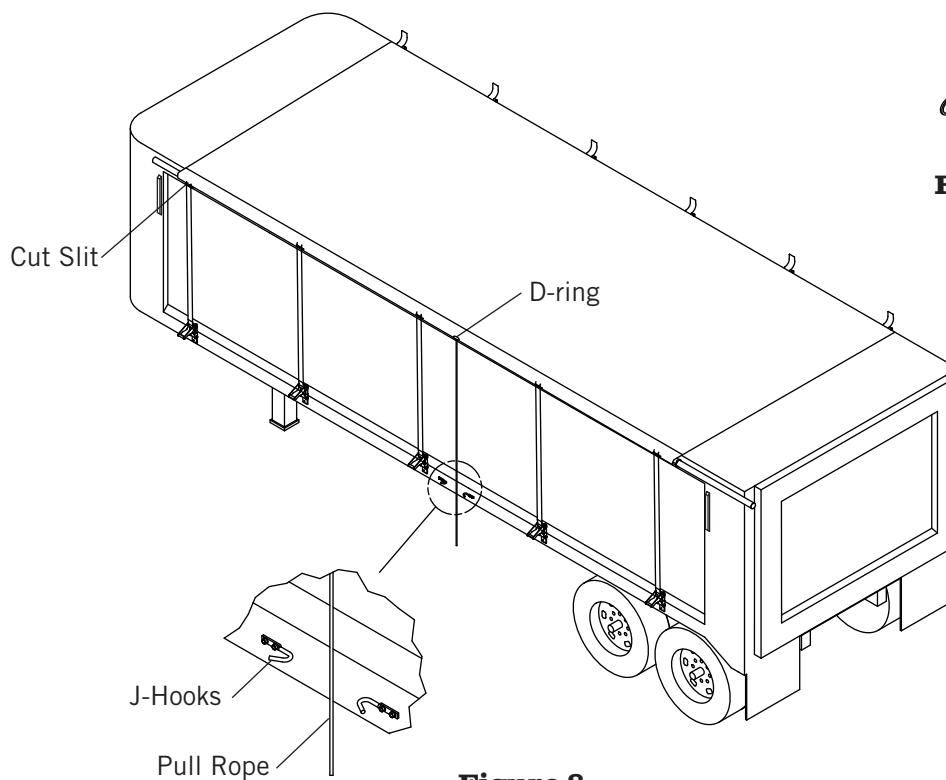
### Step 5

#### Install Ratchets and Straps

- 1) Figures 7 & 8.** 2"-4" from edge of tarp, cut slit in tarp and wrap strap around the roll pipe.
- 2) Figure 7.** Pull down on the strap, place the ratchet so the end of the strap can clearly go through the slot in the ratchet and mark the location.
- 3)** Drill pilot holes and attach with (2) 3/8" x 1" HWH Type F bolts.
- 4) Figure 8.** Space ratchets evenly down side of trailer.



**Figure 7**



**Figure 8**

### Step 6

#### Pull Rope

- 1) Figure 8.** Wrap the rope around the D-ring centered along the length of the tarp. Tie rope firmly to D-ring.
- 2) Figure 8.** Place J-hooks in an easy to reach location. Drill pilot holes and attach with #14 x 1" tek bolts.

# Classic Roll Tarp for Rendering Trailer

## Installation Instructions

### Step 7

#### Install Hold-Down Kit

- 1) Figure 9.** Install (4) additional ratchets to hold roll pipe down during transport. Locate these ratchets just past the front and back tarp ratchets and attach to trailer as done in Step 6. Ratchets need to be installed at front and back on both sides of the trailer.
- 2) Figures 10 & 11.** Slide hold down strap ring onto roll tube, with shaft collars on either side. Slide inner shaft collar toward tarp, leaving a few inches clear to avoid interference with tarp during operation.
- 3) Figures 10 & 11.** Secure shaft collars to roll tube with hex bolts to keep straps in place during operation. Leave 1/4" minimum gap between strap ring and shaft collars to allow strap to rotate as needed.

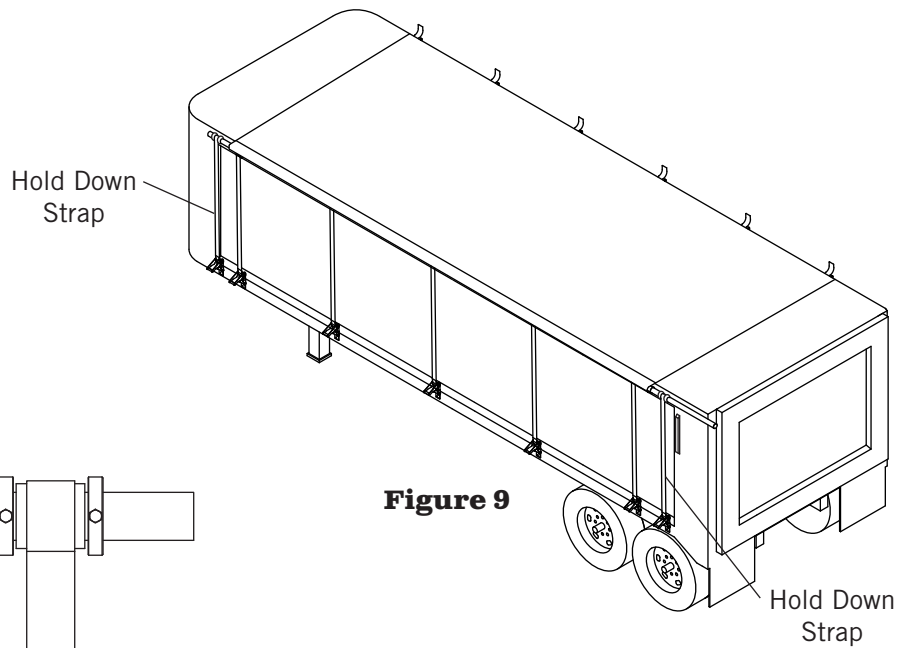


Figure 9

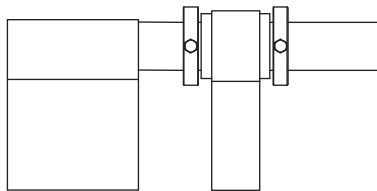


Figure 10

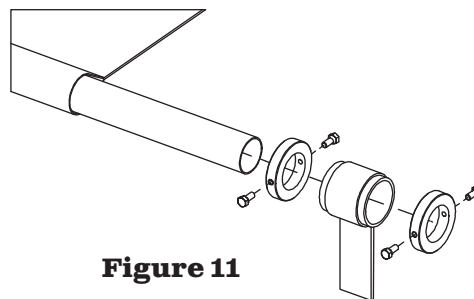


Figure 11



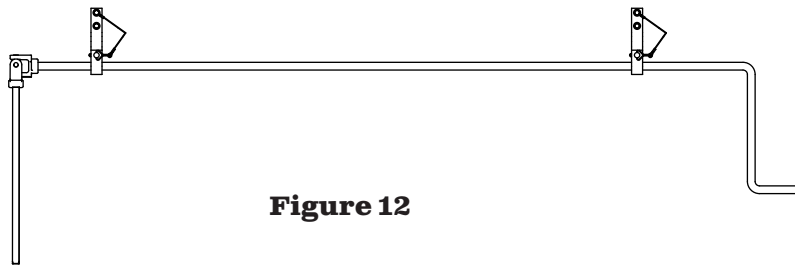
# Classic Roll Tarp for Rendering Trailer

## Installation Instructions

### Step 8

#### Crank Storage

- 1) Figure 12.** Mount two crank retainers within easy reach of the operator. Drill pilot holes and secure with 3/8" x 1" HWH Type F bolts.

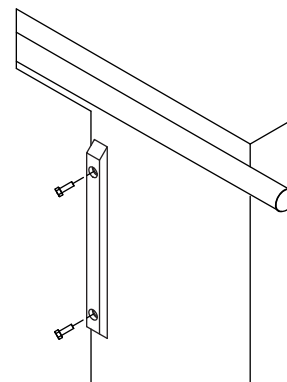


**Figure 12**

### Step 9

#### Install Roll Pipe Deflectors

- 1) Figure 13.** Position roll pipe deflectors to prevent roll pipe from hitting side of trailer when tarp is in use. Drill pilot holes and secure each deflector with (2) 3/8" x 1" HWH Type F bolts.



**Figure 13**

## Classic Roll Tarp Operation & Maintenance

### How to Uncover the Load

- 1) Release all ratchet straps and unwrap pull rope.

**Note:** Make sure straps are completely loose from ratchets.

- 2) Insert the crank into the square hole on the roll pipe and roll tarp to opposite side of trailer.
- 3) Remove crank and store in designated location.

### How to Cover the Load



- 1) Pull rope tight until tarp hangs down side of trailer.

**Note:** Twisting straps 1-1.5 turns will help keep them from hitting the side of the trailer while driving.

- 2) Attach straps to ratchets and ratchet tarp tight.
- 3) Wrap pull rope around J hooks and secure so it doesn't come loose.

### How to Maintain Classic Roll Tarp

Minimal maintenance is required. Individual usage and operating conditions will determine when to inspect your tarp system. Aero Industries recommends a weekly inspection of the following items:

-  Screws: Make sure all mounting screws and bolts are in place and tight and that no parts are worn or damaged
-  General: Replace all worn or broken parts immediately

Replacement parts may be obtained from the dealer or by contacting Aero Industries.



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800-535-9545  
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Kent, OH 44240  
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