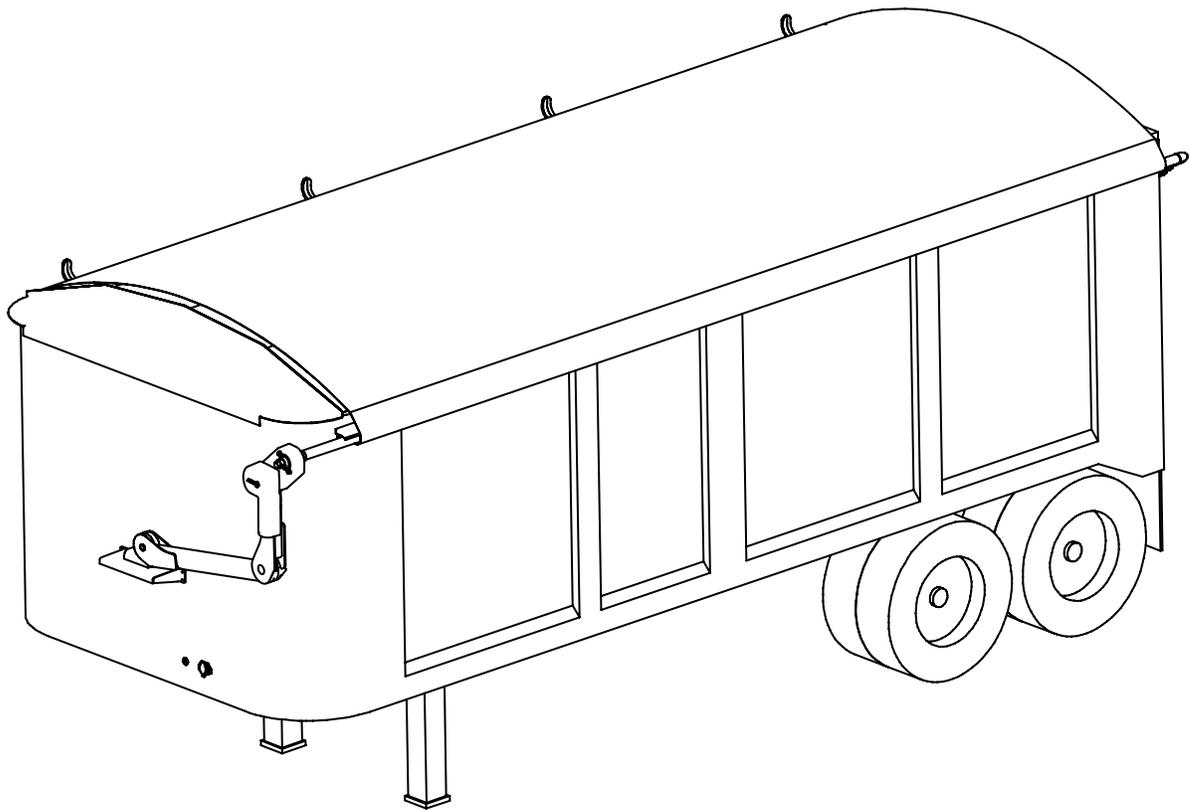




Serving the Truck & Trailer Industry
Since 1944

AeroForce S2S For End Dumps



AeroForce S2S **Installation Instructions**

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

Call 800-535-9545 | www.aeroindustries.com

Indianapolis, IN | Omaha, NE | Kent, OH

AeroForce S2S

For Dumps

Installation Directory

Item	Step	Page
Important Safety Information	-	3
Warranty Information and Required Tools	-	4
Front Caps		
Fabric Front Cap: Mark Top Rail for Bow Placement	1a	5
Fabric Front Cap: Install Double Bow Bracket or Heavy Duty Bows	1b	6-7
Fabric Front Cap: Install Aluminum Trough	1c	8-9
Aluminum Front Cap: Install Square Nose	1d	10
Aluminum Front Cap: Install Shaped to Nose	1e	10
Rear Caps		
Fabric Rear Cap: Install Double Bow Bracket or Heavy Duty Bows	2a	11-12
Fabric Rear Cap: Install Aluminum Trough	2b	13-14
Aluminum Rear Cap: Install Mounted to Tailgate	2c	15
Aluminum Rear Cap: Install with Fabric Tail	2d	15
Bows		
Marking Bow Location	3a	16
Installing Aluminum Bows	3b	17
Installing Adjustable Steel Bows	3c	17
Installing Heavy Duty Bows	3d	18
Installing Flex Bows & Double Flex Bows	3e	19
Tarp Prep - Anchor Pipe and Roll Pipe		
Assemble and Load Anchor Pipe in Tarp	4a	20
Assemble and Load 2" Steel Roll Pipe in Tarp	4b	21
Assemble and Load 3" Aluminum Roll Pipe in Tarp	4c	22
Installing Roll Stops and Secure Anchor Pipe	5	23
Install Latch Plate	6	24
Mounting Arm Mounts (Front)	7a, 7b	25-26
Mounting Arm Mounts (Rear)	8a, 8b	27-28
Mounting Front Arm	9a, 9b	29
Mounting Rear Arm	10a, 10b, 10c	30-31
Roll Pipe Front Hookup	11a, 11b	32-33
Roll Pipe Rear Hookup	12a, 12b	34-35
Rear Tensioner	12c	36
Wiring		
Semi-trailer Truck Wiring	13a	37
Semi-trailer Wiring	13b	38
Optional Remote Wiring	13c	38
Alternate Remote Wiring	13d	39-40
How to Operate AeroForce S2S	-	41
Safety Messages Related to the Operation of AeroForce S2S	-	41
How to Maintain AeroForce S2S	-	42
Safety Messages Related to the Maintenance of AeroForce S2S	-	42



AeroForce S2S

Installation Instructions

Important Safety Information

Explanation of Signal Words

- ⚠ WARNING:** Indicates a hazardous situation which, if not avoided could result in death or serious injury.
- ⚠ CAUTION:** Indicates a hazardous situation which, if not avoided could result in minor or moderate injury.

General Safety Messages

- ⚠ WARNING:** Read this entire manual and all safety messages before installing and operating this product.
- ⚠ WARNING:** Always wear safety glasses during installation and operation.
- ⚠ CAUTION:** Keep all clothing clear of moving parts.
- ⚠ CAUTION:** Keep everyone clear of the area.

Safety Messages Related to the Installation of AeroForce S2S

- ⚠ CAUTION:** Use caution lifting heavy components. Use more than one person and/or proper equipment to handle components.
- ⚠ CAUTION:** Use caution while installing the swing arms, springs are under spring tension. Arms may rotate unexpectedly.
- ⚠ WARNING:** Use OSHA approved ladders or scaffolding to work above ground level. Be sure that your working platform is secure as you work on the truck.
- ⚠ WARNING:** Properly fasten all components. If not properly secured, components may come loose.

⚠ IMPORTANT: Contains information critical to installation, operation, or warranty policy.

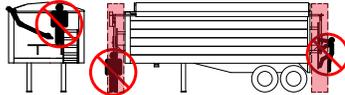
NOTICE: Is used to address practices not related to physical injury. Risk of product or vehicle being damaged.

NOTE: Contains information critical to the installation or operation of this product.

⚠ IMPORTANT: This tarp system must have arched bows to support the tarp fabric when closed. As such, when not in use, the tarp should be 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.

⚠ WARNING

Springs and arms are under extreme tension.
DO NOT stand in the path of the swing arms.



NEVER stand near damaged arms/tarp.

Broken or damaged components could cause death or serious injury.



Label Part# 0920-103006

AeroForce S2S

Installation Instructions

This manual explains how to install and maintain an AeroForce S2S Roll Tarp System

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	Drill Bits: 9/32", 11/32", 13/32"
Tape Measure	Sockets: 5/16", 7/16", 9/16", 3/4", 1", 1-1/8"
Black Electrical Tape	Open End or Box Wrenches: 5/16", 7/16", 9/16", 3/4", 1", 1-1/8"
Awl	Phillips: #3
Hammer	Electric or Air Drill
Saw	Welder
	Allen Wrench Set

AeroForce S2S

Installation Instructions

Step 1a

Fabric Front Cap: Mark Top Rail for Bow Placement

- 1) **Figures 5-1 & 5-2.** Mark the top rail where flat on side of trailer starts. Also mark 10" from there for heavy duty bows. The dimension of the **Radius, Diagonal, or Offset.**

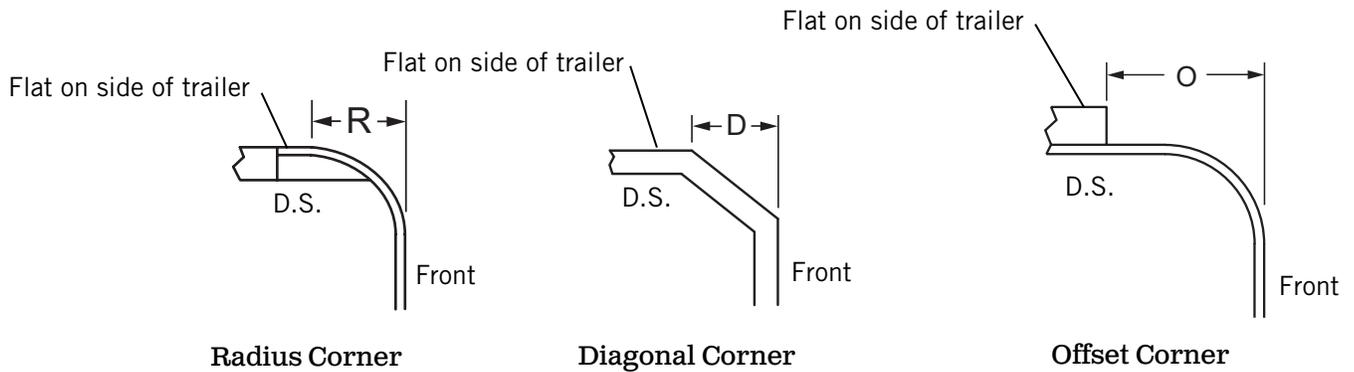


Figure 5-1

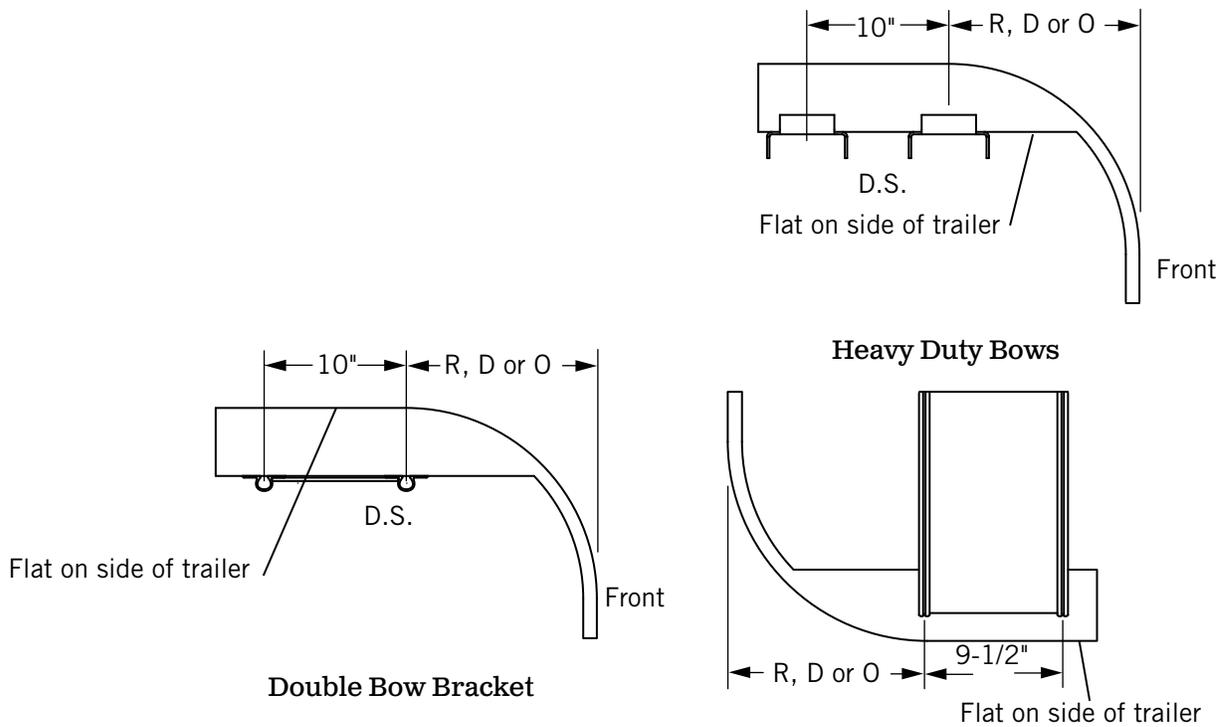


Figure 5-2

AeroForce S2S

Installation Instructions

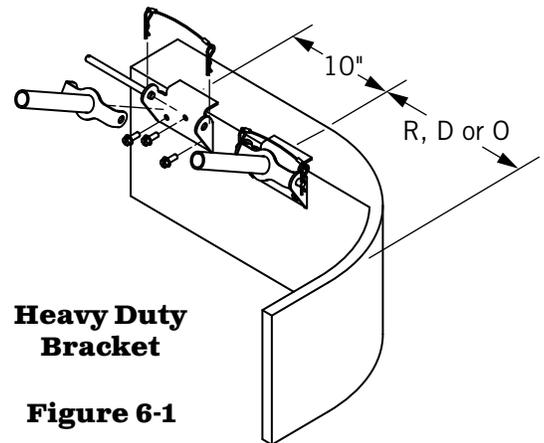
Step 1b

Fabric Front Cap: Install Double Bow Bracket or Heavy Duty Bows

Index	Description	Qty
1	Fabric Front Cap	1
2	Heavy Duty Bracket	4
2A	Double Bow or Double Bow W/Insert	2
3	Bows	2
4	3/8 x 1 Type F HWH	24
5	5/16 x 1-1/2 Type F Torx	15
6	Aluminum Flat Bar 1/8" x 1"	12 ft
7	Bow Tie Bar	1

Install Heavy Duty Bracket

Figure 6-1. Position heavy duty brackets centered on marks on top rail. Attach with 3/8 x 1 type F HWH bolts.



Install Double Bow Bracket



**Double Bow Bracket
No Insert**



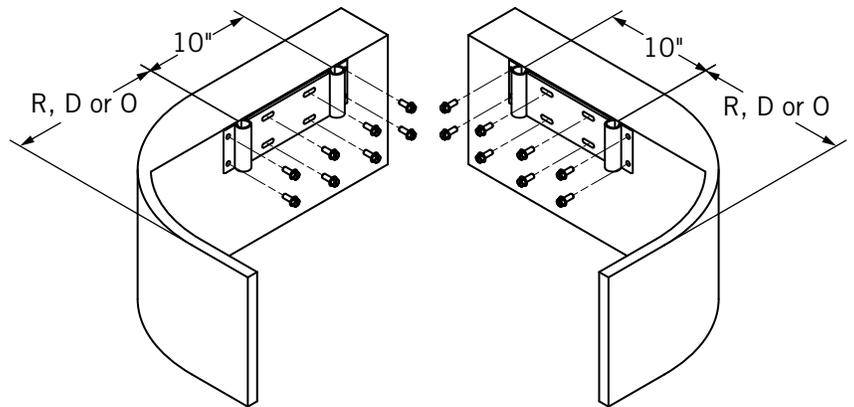
**Double Bow Bracket
w/ Insert**

- Figure 6-1.** Clamp first pocket of double bow bracket centered on mark on top rail.
- Figure 6-2.** Position bracket as shown to reduce tarp wear.

Note: Put the bolts in the center of the slots in case pocket needs to be adjusted.

3a) Figure 6-1. Attach with 3/8 x 1 type F HWH bolts.

3b) Figure 6-3. Attach with 3/8 x 2-1/2 carriage bolts.



**Double Bow Bracket
on Passenger Side**

**Double Bow Bracket
w/ Insert on Driver Side**

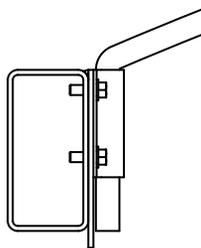


Figure 6-2

Install Double Bow Bracket to Sideboards

Hardware to Mount to Sideboards

Index	Description	Qty
7	5/16 X 2-1/2 CARRIAGE BOLT	16
8	5/16 FLAT WASHER	16
9	5/16 LOCK WASHER	16
10	5/16 HEX NUT	16

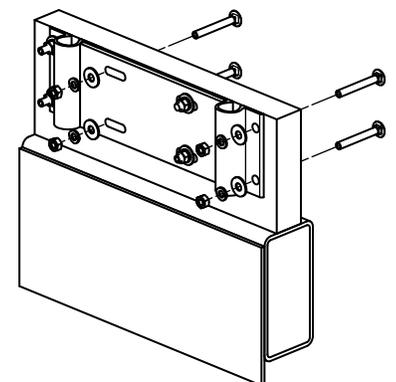


Figure 6-3

AeroForce S2S

Installation Instructions

Step 1b (cont.)

- 5) **Figure 7-1.** Feed bow through pocket of fabric cap and install on trailer. On adjustable bows remove bolt and pin. Orient the bow so the end with the removable pin is on the passenger side.
- 6) Install heavy duty bows per **Step 3d.**
- 6a) **Figure 7-2.** Adjustable bows are tied together with the Bow Tie Bracket, flat washers, lock washers, and bolts removed in earlier step.
- 7) **Figure 7-3.** Pull cap tight over top rail.
- 8) **Figure 7-4.** Drill holes evenly spaced through aluminum flat bar and attach with 5/16 x 1-1/2 Type F Torx.

⚠ IMPORTANT: *If the cap is not pulled tight, a gap with the roll tarp will allow wind to get underneath and cause wear.*

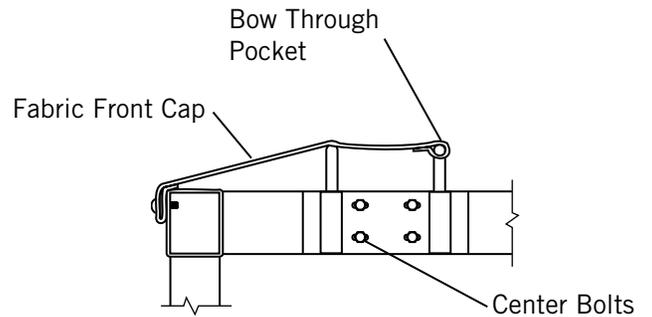


Figure 7-1

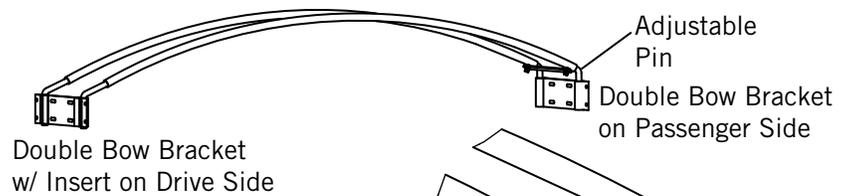


Figure 7-2

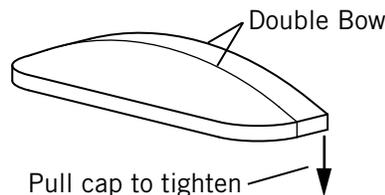
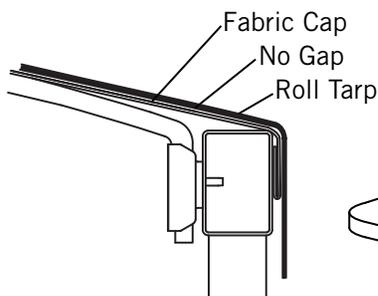


Figure 7-3

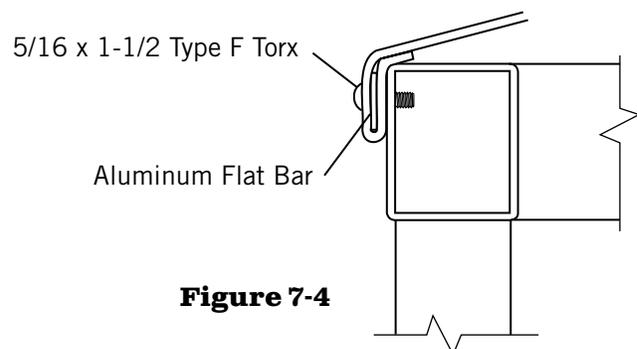
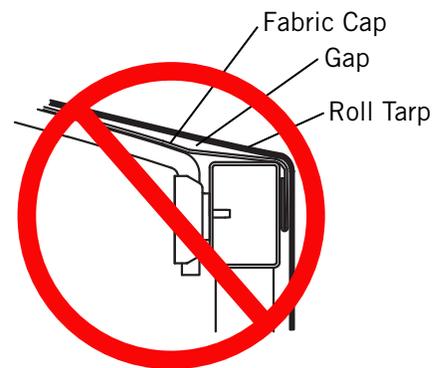


Figure 7-4

Step 1c

Fabric Front Cap: Install Aluminum Trough

Index	Description	Qty	Index	Description	Qty
1	Fabric Front Cap	1	5	Bolt Carr 3/8-16x1-1/4	4
2	Angle Bracket Trough	2	6	Nut Hex 3/8-16	4
3	Trough Extrusion Rolled	1	7	Washer Flat 3/8"	4
4	3/8 x 1 Type F HWH	4	8	Aluminum Flat Bar 1/8" x 1"	12 Ft

- Figure 8-1.** Verify trailer width subtract 1" for trough width, see table, find length base on trailer width and rise, cut to size.
- Figures 8-2 & 8-3.** Position Angle Bracket Trough with the slotted holes against the trailer and clamp to trough.
- Figure 8-2.** Position trough 1/2" from outside edge of trailer on both sides and clamp in place.

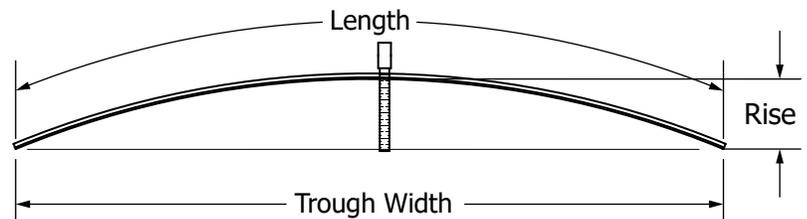


Figure 8-1

NOTE: The trough width maybe wider than the trailer, push the trough so it is 1/2" from the outside of the trailer and clamp in place. Check the rise to verify it is correct and make any necessary adjustments.

Trailer Width	Trough Width	Length	Rise
96"	95"	96"	6"
96"	95"	97-3/4"	10"
102"	101"	101-15/16"	6"
102"	101"	103-5/8"	10"

- Figure 8-4.** Drill two 1/2" diameter holes through trough and bracket.
- Figure 8-4.** Attach with 3/8-16 x 1-1/4" carriage bolt, 3/8 flat washer, and 3/8-16 nylon hex nut.
- Figure 8-5.** Grind end of trough at 30° angle, free from burrs, to reduce wear on tarp.

NOTE: Bracket can be welded to Aluminum Trailer.

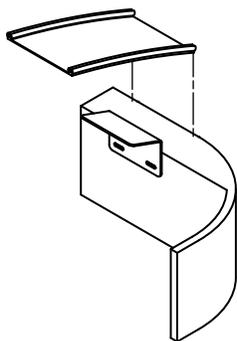


Figure 8-2

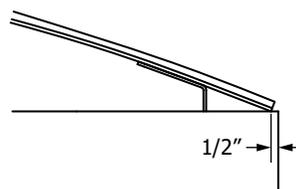


Figure 8-3

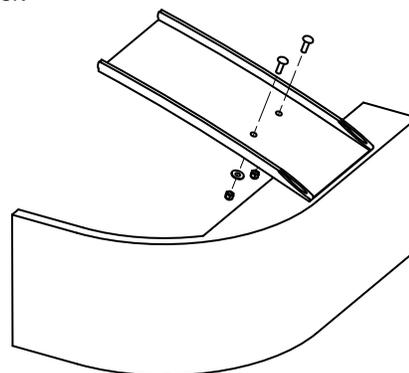


Figure 8-4

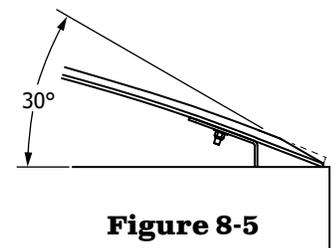


Figure 8-5

AeroForce S2S

Installation Instructions

Step 1c (cont.)

- 7) **Figure 9-1.** Position aluminum trough at the R, D, or O plus any trough offset specified on order.
- 8) **Figure 9-1.** Drill pilot holes for 3/8" x 1" type F and secure to trailer.

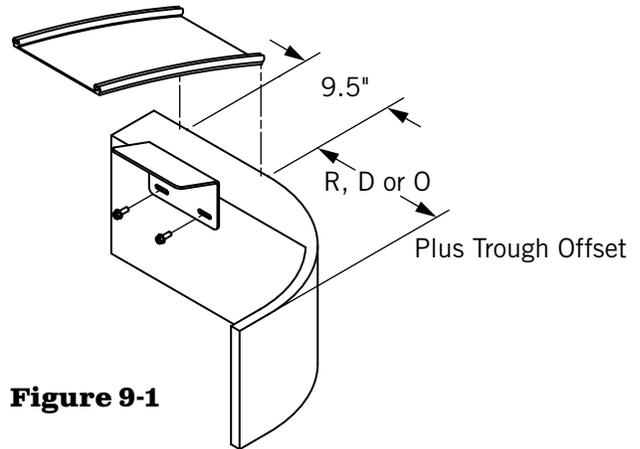


Figure 9-1

- 9) **Figure 9-2.** Feed aluminum flat bar through bottom of fabric cap.
- 10) **Figure 9-2.** Feed fabric cap through front keder of aluminum trough.
- 11) **Figure 9-3.** Pull cap tight over top rail.
- 12) **Figure 9-4.** Drill holes evenly spaced through aluminum flat bar and attach with 5/16 x 1-1/2 Type F Torx.

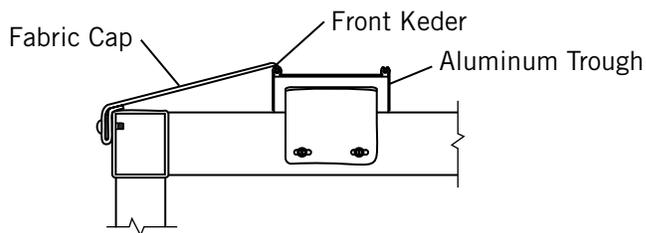


Figure 9-2

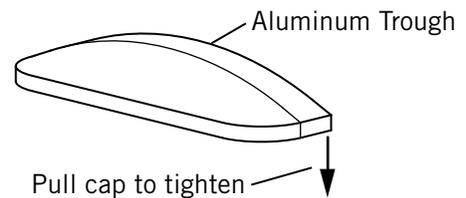


Figure 9-3

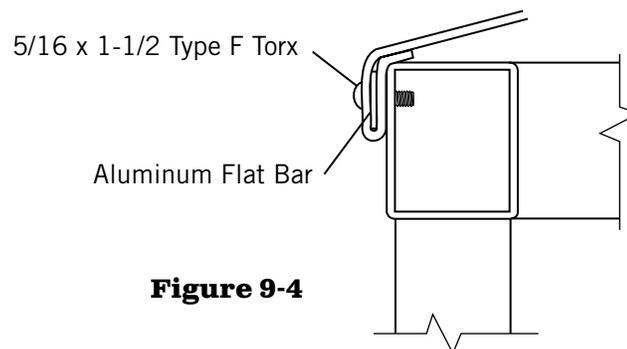


Figure 9-4

AeroForce S2S

Installation Instructions

Step 1d

Aluminum Front Cap: Install Square Nose

Index	Description	Qty
1	Front Cap Square Aluminum	1
2	3/8 x 1 Type F HWH	4

- 1) **Figure 10-1.** Measure and make any cut-outs and place cap on trailer.
- 2) Attach with 3/8 x 1 Type F HWH Bolts through trough into top rail.

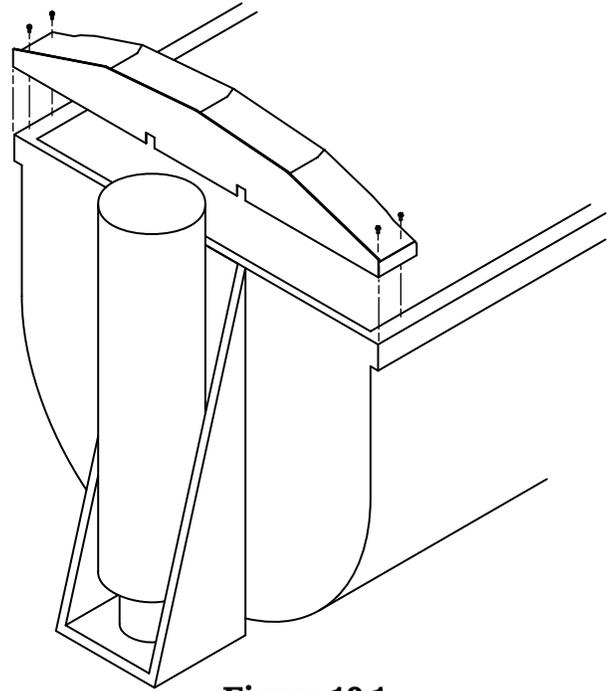


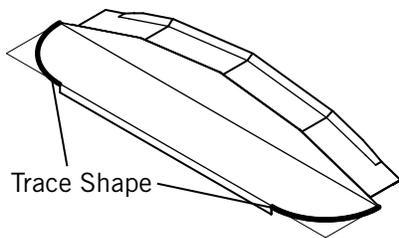
Figure 10-1

Step 1e

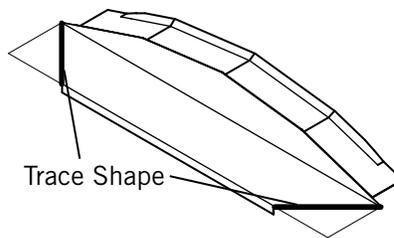
Aluminum Front Cap: Install Shaped to Nose

Index	Description	Qty
1	Front Cap Aluminum	1
2	Aluminum Strip 1/8 x 3	2
3	3/8 x 1 Type F HWH	4

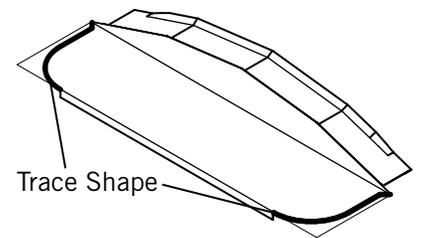
- 1) Place cap on front of trailer, center and push lip up against the trailer.
- 2) **Figure 10-2.** Trace the corner shape of nose onto front cap and cut-out shape



Radius Corner



Diagonal Corner



Offset Corner

Figure 10-2

- 3) **Figure 10-3.** Attach with 3/8 x 1 Type F HWH Bolts through trough into top rail.
- 4) **Figure 10-3.** Shape the aluminum strip around the corner of the trailer, mark and cut to length for both sides.
- 5) **Figure 10-4.** Weld both pieces to the front cap.

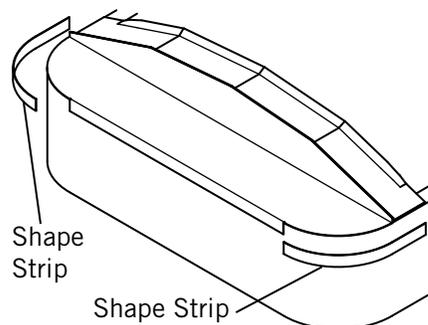


Figure 10-3

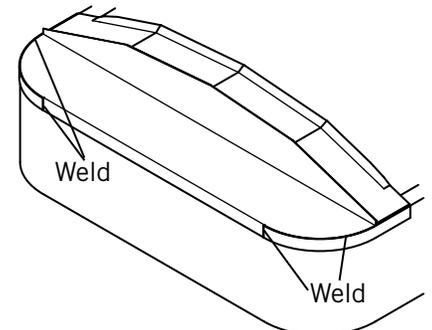


Figure 10-4

AeroForce S2S

Installation Instructions

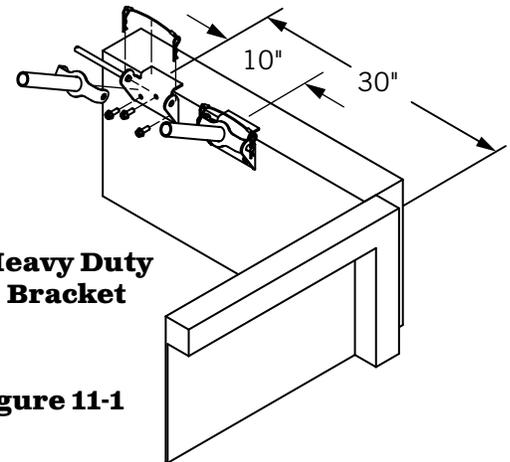
Step 2a

Fabric Rear Cap: Install Double Bow Bracket or Heavy Duty Bows

Index	Description	Qty
1	Fabric Rear Cap	1
2	Heavy Duty Bracket	4
2A	Double Bow or Double Bow W/Insert	2
3	Bows	2
4	3/8 x 1 Type F HWH	16
5	Bow Tie Bar	1

Install Heavy Duty Bracket

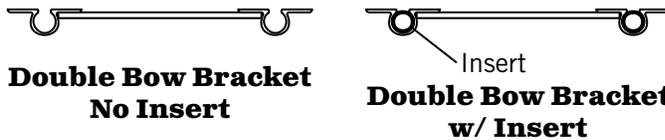
Figure 11-1. Position heavy duty brackets centered on marks on top rail. Attach with 3/8 x 1 type F HWH bolts.



Heavy Duty Bracket

Figure 11-1

Install Double Bow Bracket



Double Bow Bracket No Insert

Double Bow Bracket w/ Insert

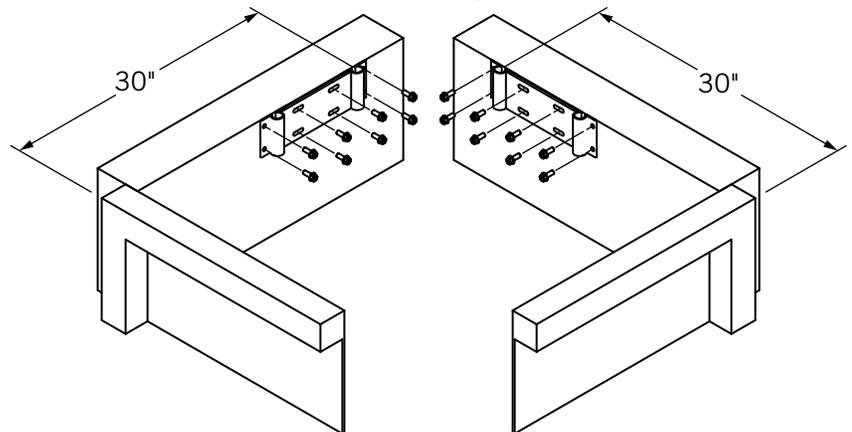
- Figure 11-1.** Measure and mark 30" from the outside of the tailgate and 10" towards the rear from the previous mark.
- Figure 11-1.** Clamp first pocket of double bow bracket centered on mark on top rail.
- Figure 11-2.** Position bracket and bow as shown to reduce tarp wear.

Note: Put the bolts in the center of the slots in case pocket needs to be adjusted.

4a) **Figure 11-1.** Attach with 3/8 x 1 type F HWH bolts.

4b) **Figure 11-3.** Attach with 3/8 x 2-1/2 carriage bolts.

Note: There may be up to 3 different widths of aluminum bows, make sure you have the right one.



Double Bow Bracket w/ Insert on Driver Side

Double Bow Bracket on Passenger Side

Install Double Bow Bracket to Sideboards

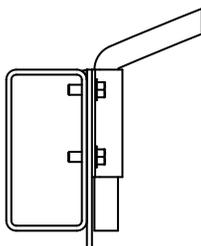


Figure 11-2

Hardware to Mount to Sideboards

Index	Description	Qty
7	5/16 X 2-1/2 CARRIAGE BOLT	16
8	5/16 FLAT WASHER	16
9	5/16 LOCK WASHER	16
10	5/16 HEX NUT	16

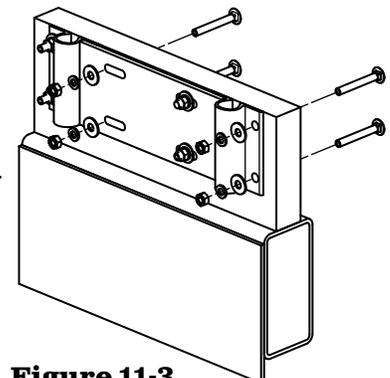


Figure 11-3

AeroForce S2S

Installation Instructions

Step 2a (cont.)

5) **Figure 12-1.** Feed bow through pocket of fabric cap and install on trailer. On adjustable bows remove bolt and pin. Orient the bow so the end with the removable pin is on the passenger side.

6a) Install heavy duty bows per **Step 3d.**

6b) **Figure 12-2.** Adjustable bows are tied together with the Bow Tie Bracket, flat washers, lock washers, and bolts removed in earlier step.

Note: Driving with the tarp open may cause air to lift the rear cap and the bow coming out of the pocket. Placing a pin through the bow and pocket will prevent this from happening.

7) **Figure 12-3.** Drill 13/64" hole through the bow and pocket towards the front on both sides. Insert 3/16" hair pin in drilled holes.

8) **Figure 12-4.** Pull cap tight when securing with Latch Plate or Roll Stop.

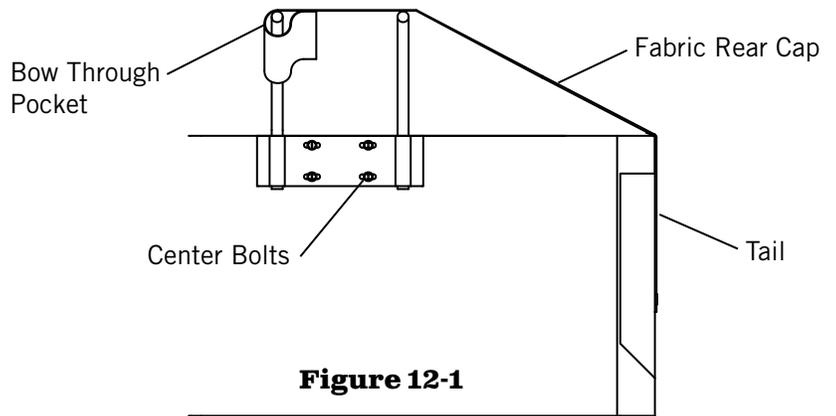


Figure 12-1

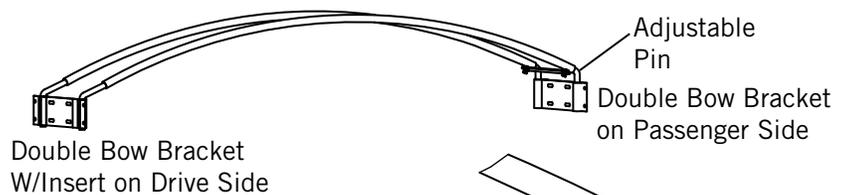


Figure 12-2

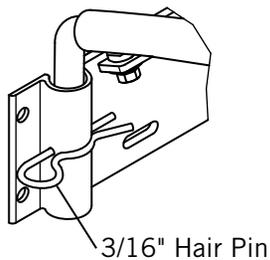
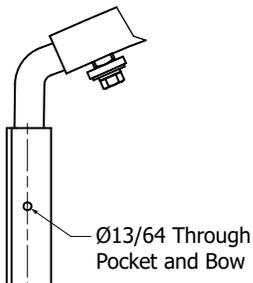


Figure 12-3



Figure 12-4

Step 2b

Fabric Rear Cap: Install Aluminum Trough

Index	Description	Qty	Index	Description	Qty
1	Fabric Cap	1	6	Nut Hex 3/8-16	4
2	Angle Bracket Trough	2	7	Washer Flat 3/8"	4
3	Trough Extrusion Rolled	1	8	Aluminum Flat Bar 1/8" x 1"	12 Ft
4	3/8 x 1 Type F HWH	4	9	Pin Hair 3/16x3.5"	2
5	Bolt Carr 3/8-16x1-1/4	4			

1) **Figure 13-1.** Verify trailer width subtract 1" for trough width, see table, find length base on trailer width and rise, cut to size.

2) **Figures 13-2 & 13-3.** Position Angle Bracket Trough with the slotted holes against the trailer and clamp to trough.

3) **Figure 13-3.** Position trough 1/2" from outside edge of trailer on both sides and clamp in place.

Note: The trough width maybe wider than the trailer, push the trough so it is 1/2" from the outside of the trailer and clamp in place. Check the rise to verify it is correct and make any necessary adjustments.

4) **Figure 13-4.** Drill two 1/2" diameter holes through trough and bracket.

5) **Figure 13-4.** Attach with 3/8-16 x 1-1/4" carriage bolt, 3/8 flat washer, and 3/8-16 nylon hex nut.

6) **Figure 13-5.** Grind end of trough at 30° angle, free from burrs, to reduce wear on tarp.

NOTE: Bracket can be welded to Aluminum Trailer.

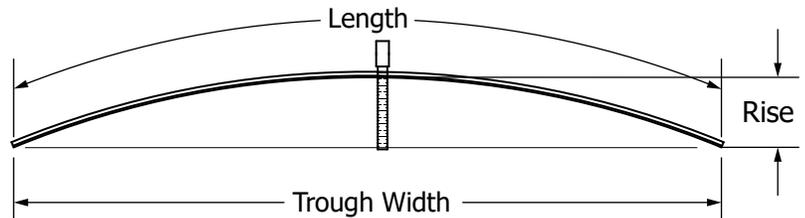


Figure 13-1

Trailer Width	Trough Width	Length	Rise
96"	95"	96"	6"
96"	95"	97-3/4"	10"
102"	101"	101-15/16"	6"
102"	101"	103-5/8"	10"

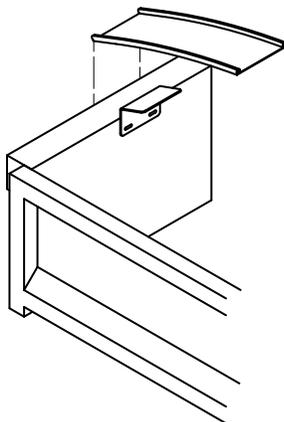


Figure 13-2

Drill 1/2" holes.

Secure with 3/8-16 x 1-1/4" carriage bolt

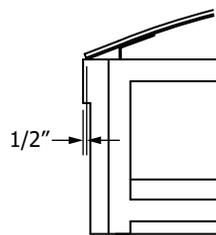


Figure 13-3

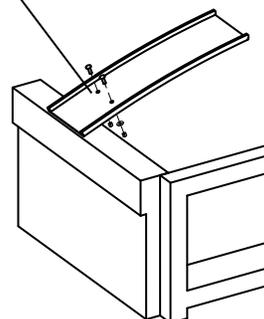


Figure 13-4

Grind to a 30° angle

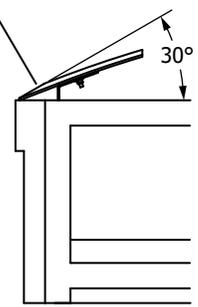


Figure 13-5

AeroForce S2S

Installation Instructions

Step 2b (cont.)

7) **Figure 14-1.** Position the front of the aluminum trough at 30" from the outside of the tailgate.

8) **Figure 14-1.** Drill pilot holes for 3/8" x 1" type F and secure to trailer.

NOTE: Bracket can be welded to Aluminum Trailer.

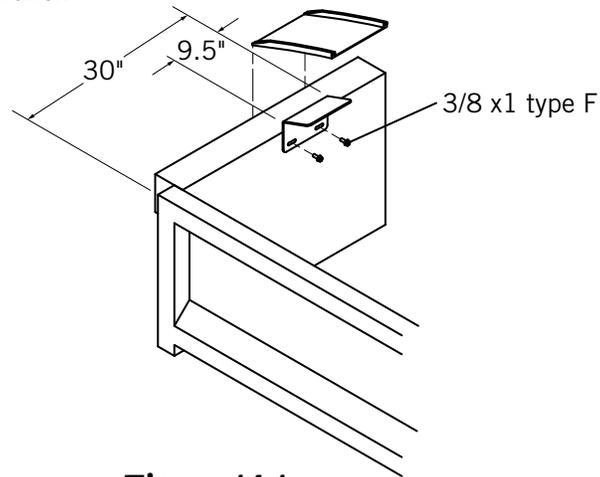


Figure 14-1

9) **Figure 14-2.** Feed fabric cap through back keder of aluminum trough.

10) **Figure 14-3.** Pull cap tight when securing with Latch Plate or Roll Stop.

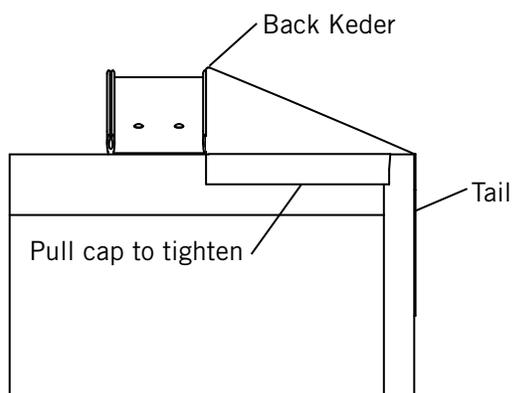


Figure 14-2

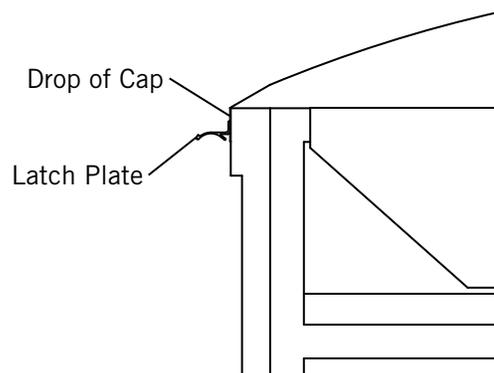


Figure 14-3

AeroForce S2S

Installation Instructions

Step 2c

Aluminum Rear Cap: Install Mounted to Tailgate

Index	Description	Qty
1	Rear Cap Aluminum Tailgate	1
2	3/8 x 1 Type F HWH	4

- 1) **Figure 15-1.** Position aluminum rear cap centered on inside of tailgate with the bottom of the trough even with the side walls.
- 2) Drill pilot holes and secure with 3/8 x 1 Type F HWH bolts.

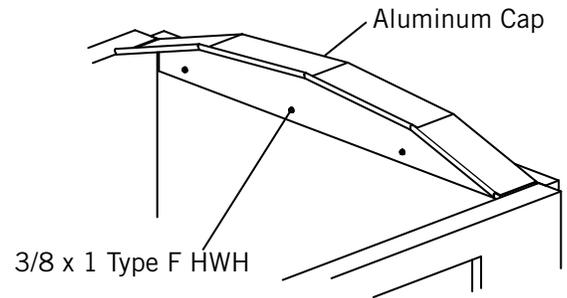


Figure 15-1

Step 2d

Aluminum Rear Cap: Install with Fabric Tail

Index	Description	Qty
1	Rear Cap Aluminum with Tail	1
2	Fabric Rear Tail for Aluminum Cap	1
3	3/8 x 1 Type F HWH	4

- 1) **Figure 15-2.** Position aluminum rear cap on top rail centered on width, locate the front edge of cap 20" from outside of tailgate.
- 2) Drill pilot holes and secure with 3/8 x 1 Type F HWH bolts.
- 3) **Figure 15-3.** Insert welt on tail into keder on back of cap and center on width. Use light oil to slide welt in keder.

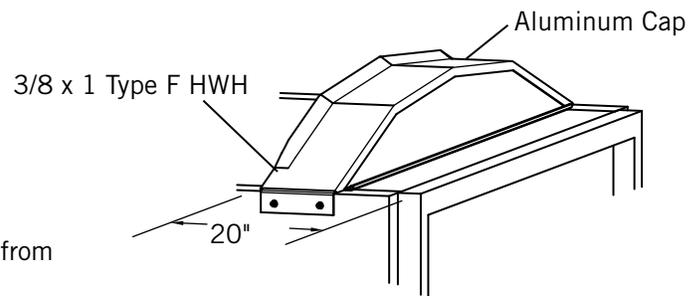


Figure 15-2

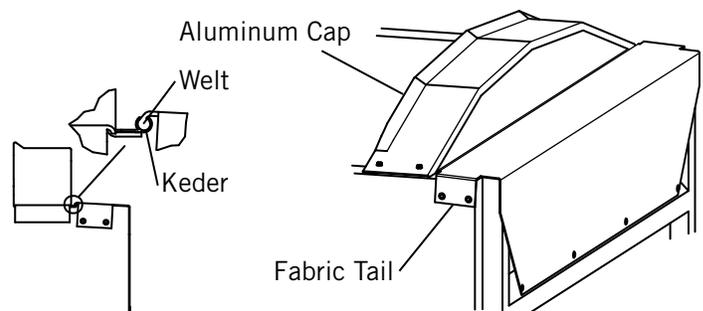


Figure 15-3

AeroForce S2S

Installation Instructions

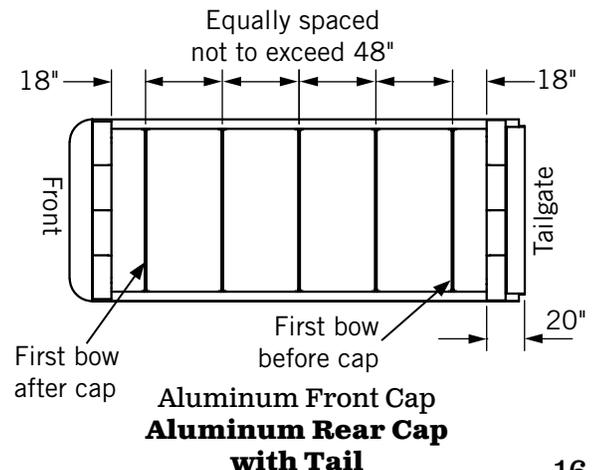
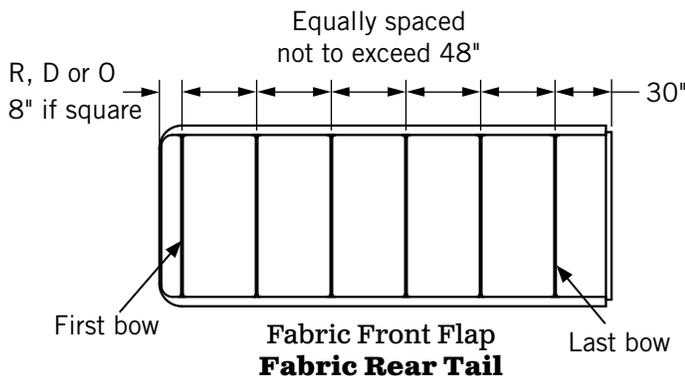
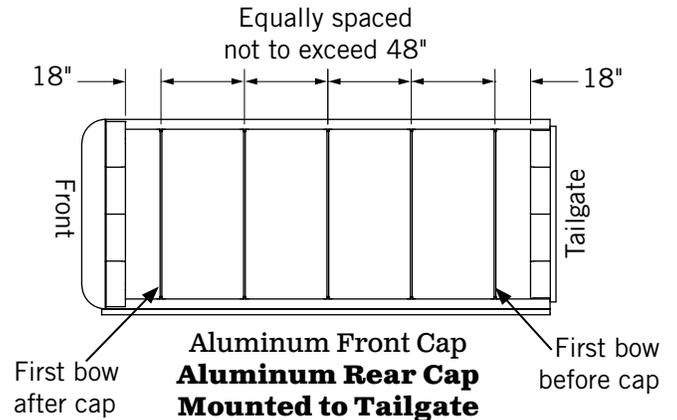
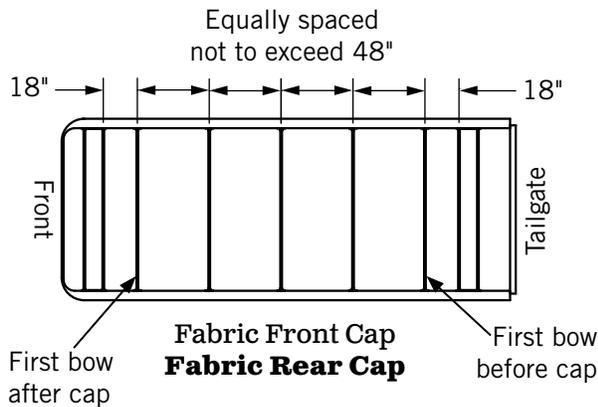
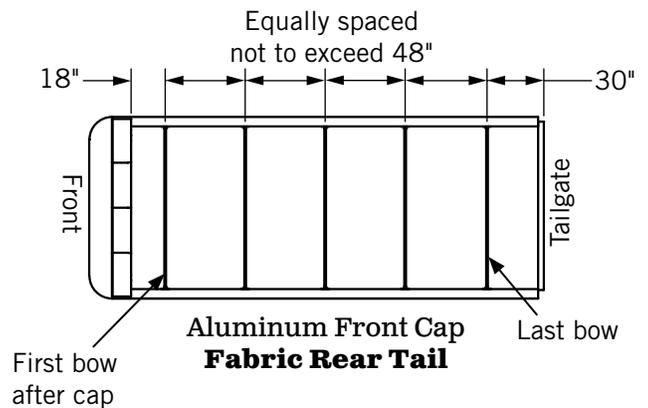
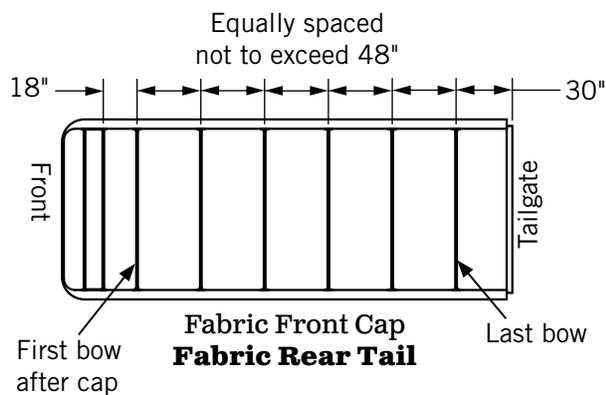
Step 3a

Marking Bow Location

1) Mark top rail according to what caps are on the trailer.

▲ IMPORTANT: DO NOT exceed 48" spacing for bow centers. This will void the warranty.

▲ IMPORTANT: This tarp system must have arched bows to support the tarp fabric when closed. As such, when not in use, the tarp should be 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.



AeroForce S2S

Installation Instructions

Step 3b

Installing Aluminum Bows

- 1) **Figure 17-1.** Align aluminum pocket with marked bow location and flush with top of rail.

WELD

- 2a) Weld down each side of pocket.

BOLT

- 2b) Drill a pilot hole and attach with 3/8 x 1 type F HWH bolts.
- 3) **Figure 17-2.** Insert bow into pockets.

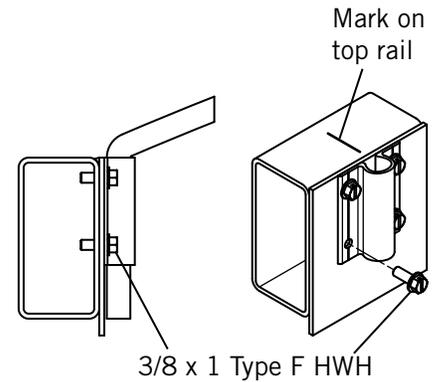


Figure 17-1



Figure 17-2

Step 3c

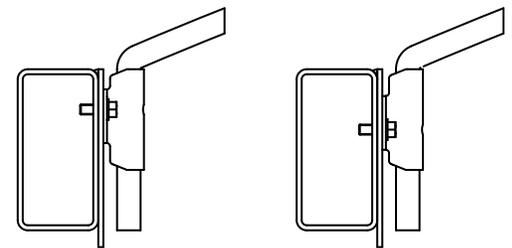
Installing Adjustable Steel Bows

- 1) **Figures 17-3 & 17-4.** Align steel pocket with marked bow location and adjust height so bend in bow is even with the top rail.

- 2a) **Figure 17-4.** Drill a pilot hole and attach with 3/8 x 1 type F HWH bolts.

- 2b) **Figure 17-5.** Drill a pilot hole and attach with 3/8 x 1 type F HWH bolts.

- 3) **Figure 17-6.** Loosen set screw on bow. Insert bow into one pocket. Adjust width and then insert into the other pocket. Tighten the set screw.



Bracket can be positioned high or low

Figure 17-3

Install Bow Bracket to Sideboards

Hardware to Mount to Sideboards

Index	Description	Qty
1	5/16 X 2-1/2 CARRIAGE BOLT	8
2	5/16 FLAT WASHER	8
3	5/16 LOCK WASHER	8
4	5/16 HEX NUT	8

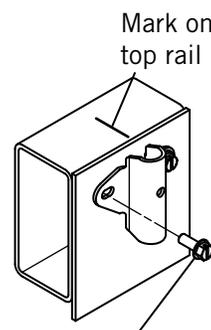


Figure 17-4

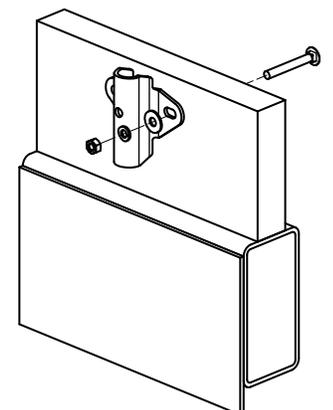


Figure 17-5



Figure 17-6

Step 3d

Installing Heavy Duty Bows

- 1) **Figures 18-1 & 18-2.** Align bracket with marked bow location and place on top of rail.
- 2) **Figure 18-2.** Drill a pilot hole and attach with 3/8 x 1 type F HWH bolts. Repeat for opposite side.
- 3) **Figure 18-2.** Attach swivel bracket assembly to base with headless pin and cotter pins.
- 4) On opposite side attach heavy duty bow assembly with headless pin and cotter pin.

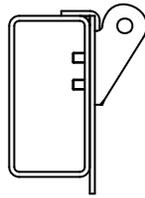


Figure 18-1

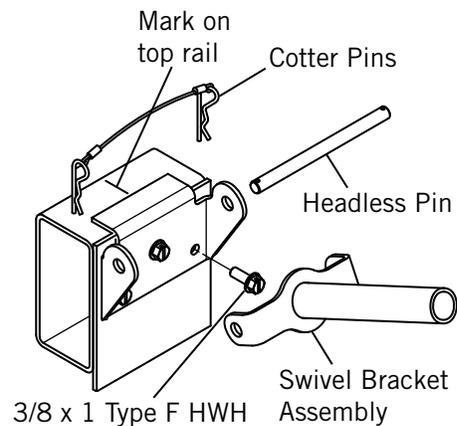


Figure 18-2

- 5) **Figure 18-3.** Mark heavy duty bow assembly, disassemble, and cut to length.
- 6) **Figure 18-4.** Reassemble with swivel bracket assembly inserted into the heavy duty bow assembly.

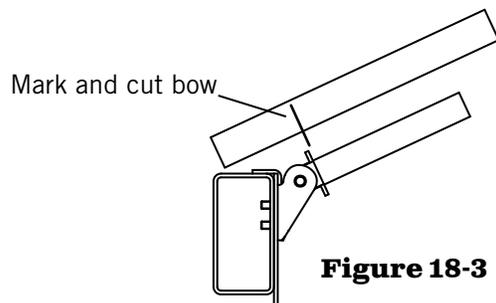


Figure 18-3



Figure 18-4

Step 3e

Installing Flex Bows & Double Flex Bows

BOLT

1a) **Figure 19-1.** Drill 4x bolt clearance holes in bow pocket flanges for 3/8 bolts. Holes should be 1/2" min. from flange edges. Align pocket with marked bow location and flush with top rail. Drill 4 pilot holes and attach with 3/8 x 1 type F HWH bolts.

WELD

1b) **Figures 19-2 & 19-3.** Align pocket with marked bow location and flush with top of rail. Weld all around pocket.

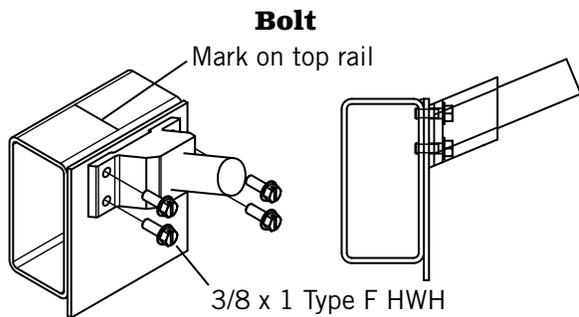


Figure 19-1

For sideboard installations weld or bolt the pocket to a plate.

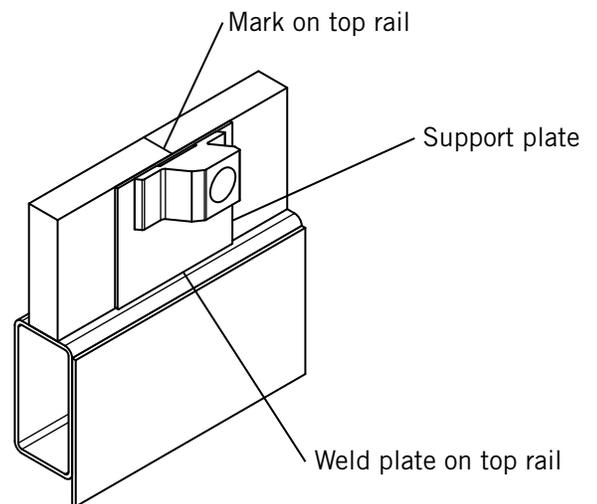


Figure 19-3

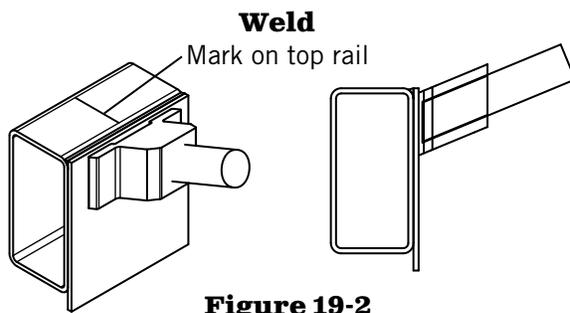


Figure 19-2

▲ IMPORTANT: The ends of the bow must be cut to the proper angle or the warranty is void. The flex bow has a pre-set arch or spline, make sure the arch is up when cutting the ends.

3) **Figure 19-4.** Cut both ends of the flex bow at 25°-30° angle and 2" longer than the inside width of the trailer.

4) **Figure 19-5.** Insert bow into pockets.

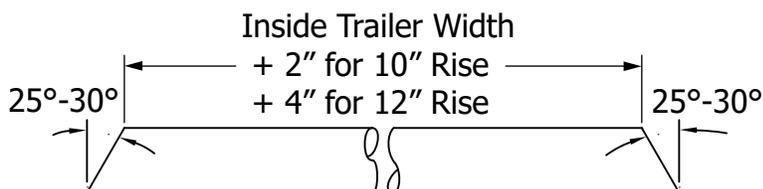


Figure 19-4



Figure 19-5

Step 4a

Assemble and Load Anchor Pipe in Tarp

- 1) **Figures 20-1 & 20-2.** Assemble swaged ends of anchor pipe and weld sections together.

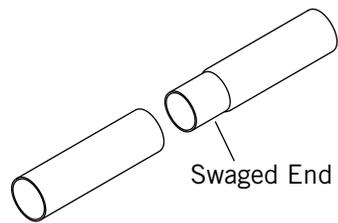


Figure 20-1

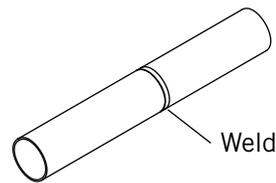


Figure 20-2

- 2) **Figure 20-3.** Cut the anchor pipe flush with the ends of the pocket on the tarp.
- 3) Place rubber caps on the ends of anchor pipe.
- 4) **Figure 20-3.** Slide the anchor pipe into the tarp pocket and secure with self-drilling screw at each end.

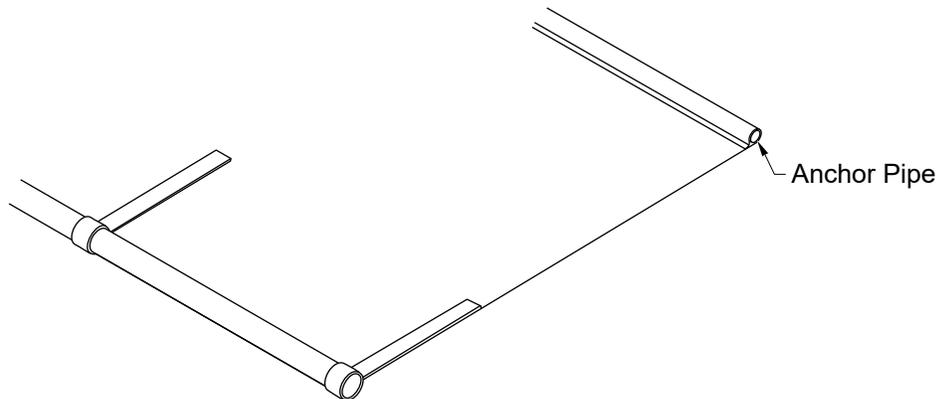


Figure 20-3

Step 4b

Assemble and Load 2" Steel Roll Pipe in Tarp

- 1) **Figure 21-1.** Drill 3/8" hole through both walls of roll pipe at 3/4" from end. Insert wobble joint, align holes, and secure wobble joint to roll pipe with 3/8" bolt and lock nut.

Index	Description	Qty
1	2" ROLL PIPE	1
2	2" WOBBLE JOINT	1
3	3/8 HEX BOLT	1
4	3/8 LOCK NUT	1

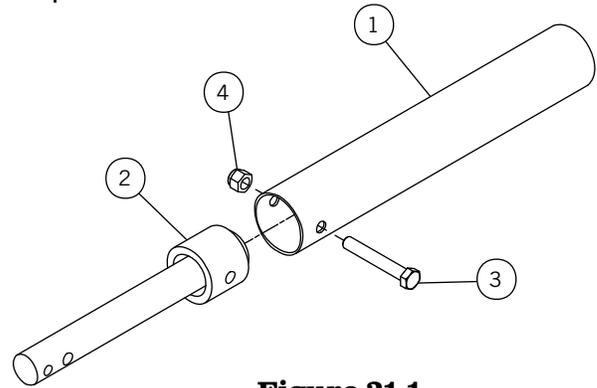


Figure 21-1

Note: If you are using the Internal Tensioner, the rear section of the roll pipe needs to be at least 17' long to allow the Internal Tensioner to fit inside of the roll pipe.

Note: If you are splicing sections together, the front section needs to be at least 4' long.

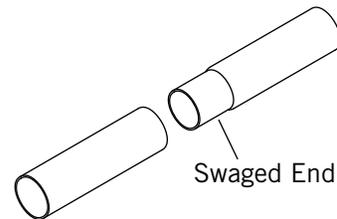


Figure 21-2

- 2) **Figures 21-2 & 21-3.** Assemble swaged ends of roll pipe and weld sections together.
- 3) **Figure 21-4.** Slide the roll pipe into the tarp pocket until approx. centered along length.

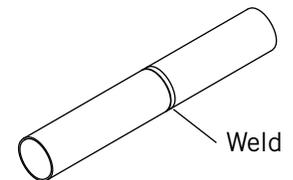


Figure 21-3

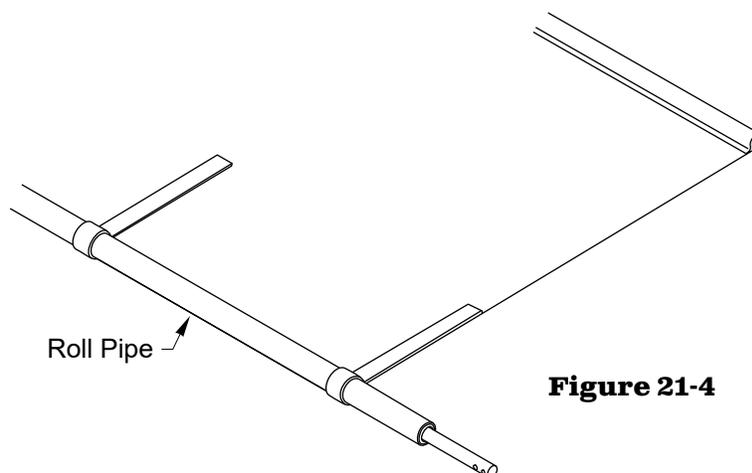


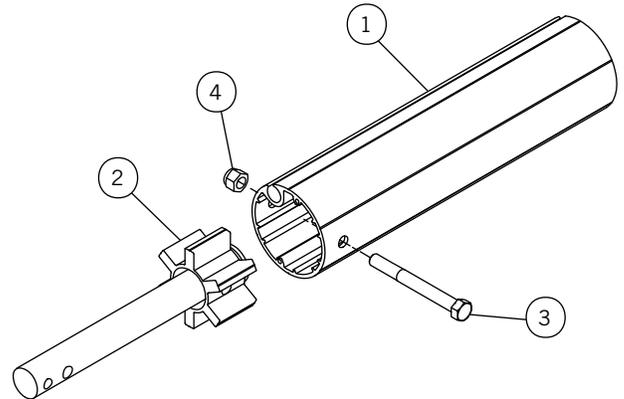
Figure 21-4

Step 4c

Assemble and Load 3" Aluminum Roll Pipe in Tarp

- 1) **Figure 22-1.** Drill 3/8" hole through both walls of roll pipe at 3/4" from end. Insert wobble joint, align holes, and connect wobble joint to roll pipe with 3/8" bolt and lock nut.

Index	Description	Qty
1	3" ROLL PIPE	1
2	3" WOBBLE JOINT	1
3	3/8 HEX BOLT	1
4	3/8 LOCK NUT	1
5	3" ROLL PIPE SPLICE	1
6	1/4-20 SELF-TAPPING SCREW	4
7	TARP	1



Note: If you are using the Internal Tensioner, the rear section of the roll pipe needs to be at least 17' long to allow the Internal Tensioner to fit inside of the roll pipe.

Note: If you are splicing sections together, the front section needs to be at least 4' long.

Figure 22-1

- 2) **Figure 22-2.** If you are using a single-piece roll pipe, please jump to the next step. Insert roll pipe splice halfway into first roll pipe (approx. 6"). Using the centerline on the roll pipe, drill 7/32" holes for self-tapping screws. Hole spacing should be approx. 2" from end of roll pipe and 2" spacing. Fasten splice to first roll pipe with self-tapping screws. Insert other end of splice into the second roll pipe and repeat. Be sure to align keder groove on roll pipe sections.

- 3) **Figure 22-2.** Insert tarp keder into groove on roll pipe until approx. centered along length.

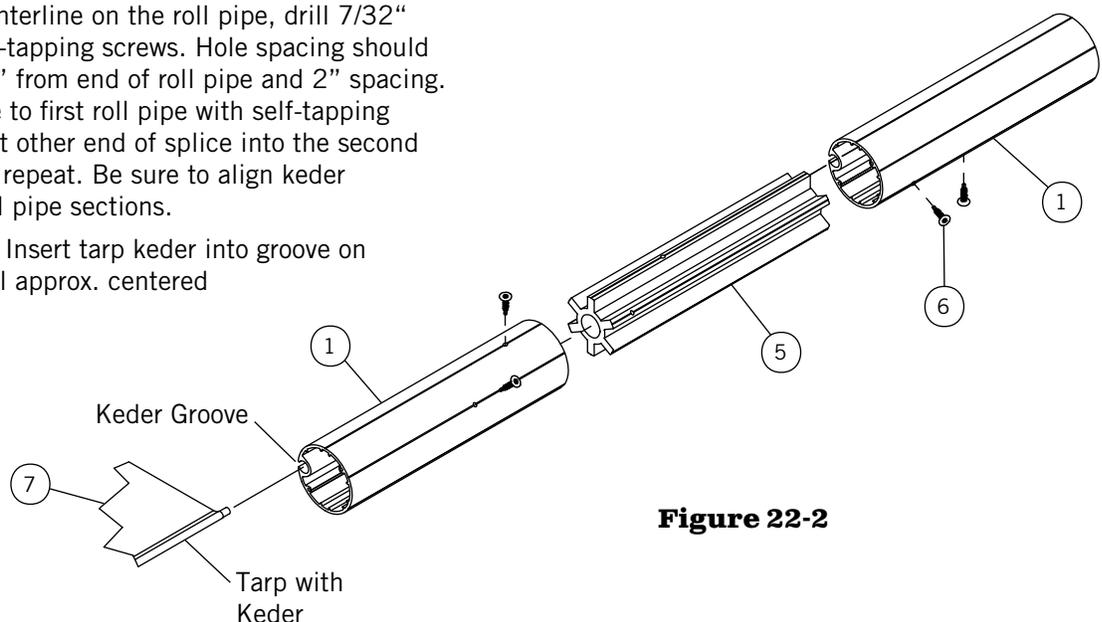


Figure 22-2

AeroForce S2S

Installation Instructions

Step 5

Installing Roll Stops and Secure Anchor Pipe

1) **Figures 23-1 & 23-2.** Locate first roll stop bracket 5"-9" from the first bow and 1" down from top rail.

Note: Tarp & end of anchor pipe should be 1" from center of same bow.

2) **Figures 23-1 & 23-2.** Drill a pilot hole and attach with 3/8 x 1 type F HWH bolts.

3) Locate last roll stop bracket 5"-9" 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.

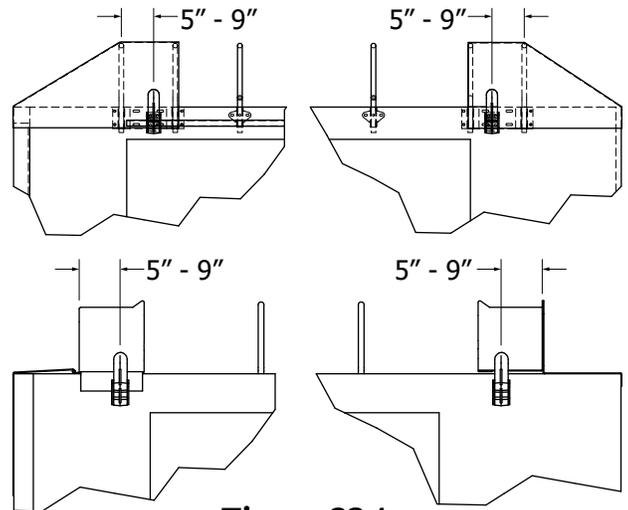


Figure 23-1

Sideboards (Optional)

Note: Anchor pipe can be mounted in the roll stop or to the top rail. Mounting the anchor pipe to the top rail allows the tarp to cover the gap at the bottom of the sideboard, install tarp and secure anchor pipe before installing roll stops.

1) **Figure 23-4.** OPTIONAL Attach tarp and anchor pipe to top rail with clamps #14 screws.

2) **Figures 23-1 & 23-2.** Locate roll stops the same distance from the bows as in **Step 4.1** and 1" from top of sideboard.

3) **Figures 23-3 & 23-4.** For sideboards. Drill a pilot hole and attach with 3/8 x 2-1/2 carriage bolts.

4) **Figure 23-4.** Attach aluminum flat at top of sideboard for the full length of the tarp.

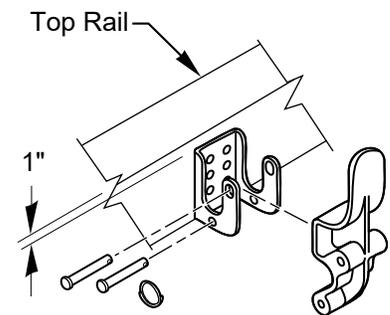


Figure 23-2

Install Anchor Pipe to Top Rail & Roll Stops to Sideboards

Install Anchor Pipe & Roll Stops to Sideboards

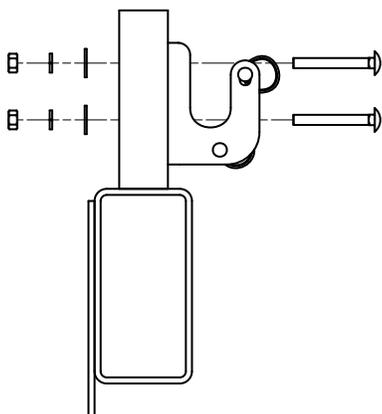


Figure 23-3

Hardware to Mount to Sideboards

Index	Description
1	5/16 X 2-1/2 CARRIAGE BOLT
2	5/16 FLAT WASHER
3	5/16 LOCK WASHER
4	5/16 HEX NUT
5	1/8" x 1" x 12' FLAT ALUMINUM
6	SCREW #14 X 1 HWH AB ZINC
7	CLAMP, ANCHOR PIPE
8	3/8 X 1 TYPE F HWH BOLT

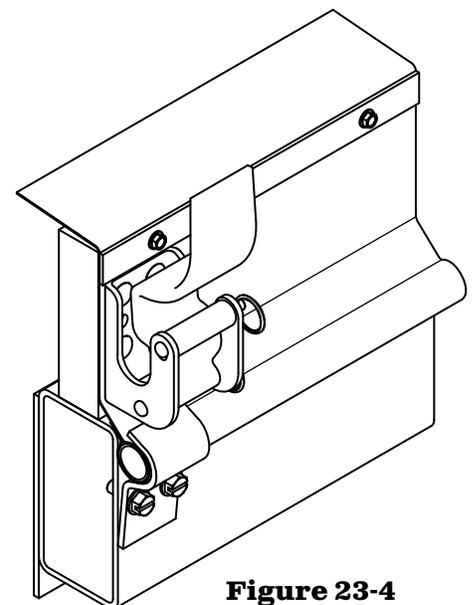


Figure 23-4

AeroForce S2S

Installation Instructions

Step 6

Install Latch Plate

Note: Check to ensure the roll tube will have a clear path past the tailgate. Shim latch plate if needed.

Note: Latch plate can be mounted to the top rail or to the sideboards. Mounting the latch plate to the top rail with sideboards allows the tarp to cover the gap at the bottom of the sideboard.

1) **Figures 24-1 & 24-2.** Locate the latch plate 3" forward of the front edge of the tarp and 1"-5" below the top rail or as high as possible.

Note: Front edge of latch plate can be cut at a 45° angle when beyond the flat of the side wall.

2) **Figure 24-3.** Drill a pilot hole 2"-4" in from each end and every 24" in each section.

Note: First hole may need to be farther back where the flat side wall starts.

3a) **Figure 24-2.** Attach with 3/8 x 1 type F HWH bolts.

3b) **Figure 24-4.** Optional mounting to sideboards: Attach with 3/8 x 2-1/2 carriage bolts.

Note: Rear edge of latch plate may need to be cut at a 45° angle as to not interfere with the swing gate.

4) Cut the last section so it goes back at least 3" past the end of the tarp.

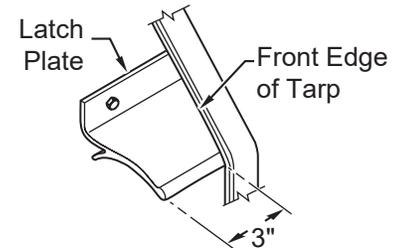


Figure 24-1

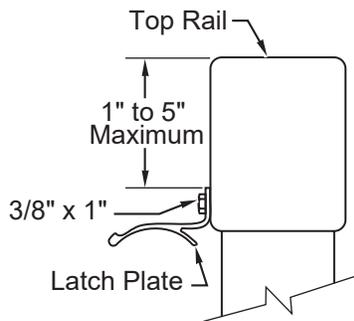


Figure 24-2

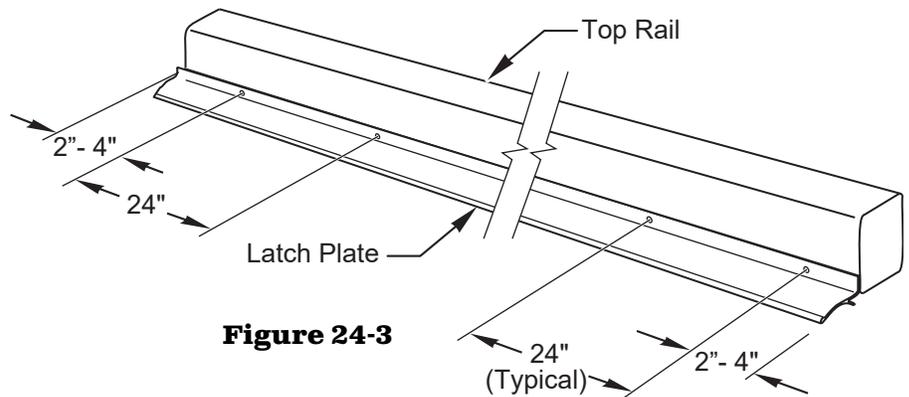


Figure 24-3

Install Latch Plate to Sideboards

Hardware to Mount to Sideboards

Index	Description	Qty
1	5/16 X 2-1/2 CARRIAGE BOLT	8
2	5/16 FLAT WASHER	8
3	5/16 LOCK WASHER	8
4	5/16 HEX NUT	8

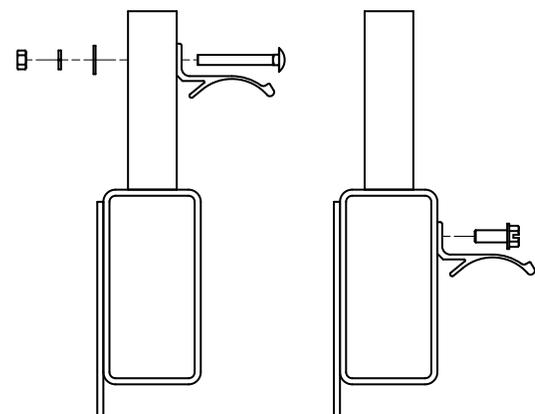


Figure 24-4

AeroForce S2S

Installation Instructions

Step 7a

Mounting Arm Mounts (Front Standard Roll)

Note: Figure 25-1. Center of the pivot needs to be in the center of the trailer.

- 1) **Figure 25-2.** Drill four 3/8" holes using the mounting bracket as a template for the hole locations.
- 2) **Figure 25-3.** Use supplied hardware to mount the mounting bracket to the trailer.

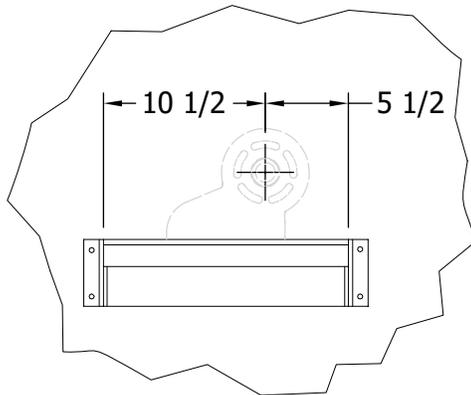


Figure 25-2

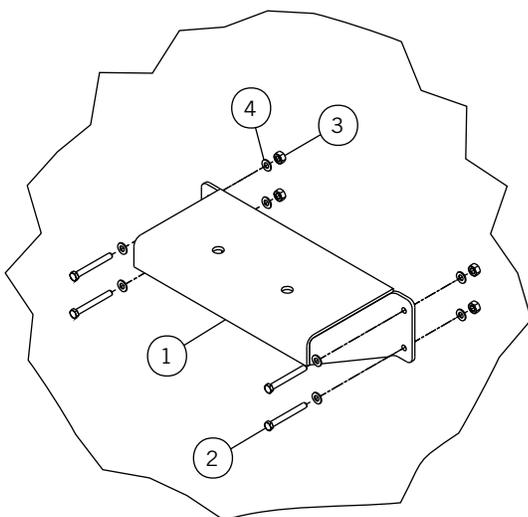


Figure 25-3

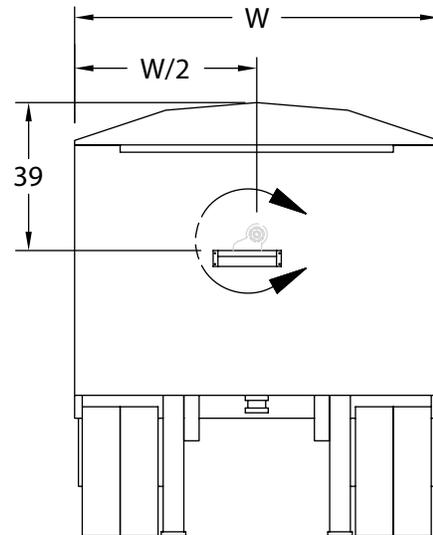


Figure 25-1

Note: Mounting Brackets are supplied with standard pivot mounting hole locations at 3/8" dia. through. Standard pivot mounting holes must be drilled out to 7/8" dia. for proper fastener fit. If alternate hole locations are required, holes must be marked and drilled through at 7/8" dia.

Index	Part Number	Description	Qty
1	1061-940030	BRACKET, PIVOT MTG S2S	1
2	0810-670674	3/8-16 BOLT, HHCS	4
3	0815-660527	3/8-16 HEX NUT, TOP LOCK	4
4	0820-680426-EG	3/8 FLAT WASHER, SAE	8

Step 7b

Mounting Arm Mounts (Front Reverse Roll)

Note: Figure 26-1. Center of the pivot needs to be in the center of the trailer.

- 1) **Figure 26-2.** Drill eight 3/8" holes using the mounting bracket as a template for the hole locations.
- 2) **Figure 26-3.** Use supplied hardware to mount the mounting bracket to the trailer.

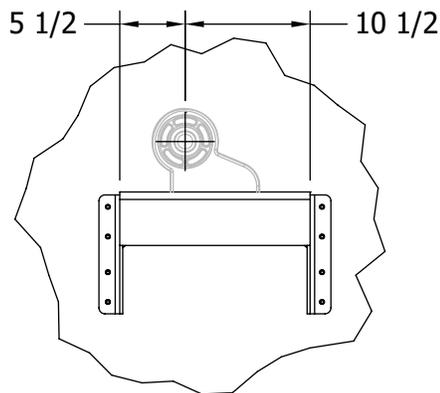


Figure 26-2

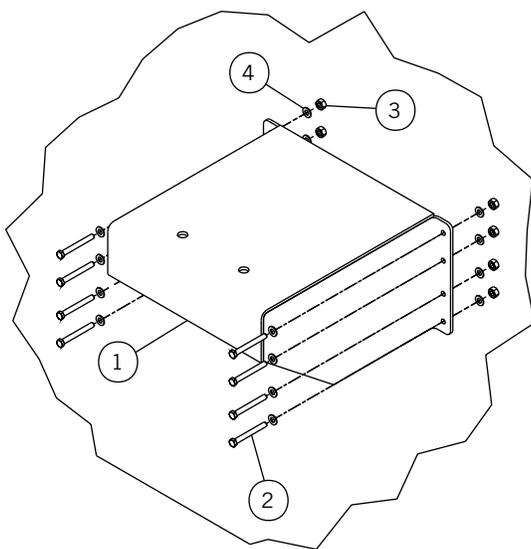


Figure 26-3

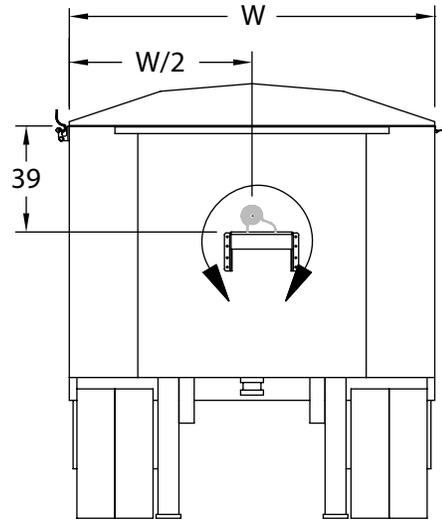


Figure 26-1

Note: Mounting Brackets are supplied with standard pivot mounting hole locations at 3/8" dia. through. Standard pivot mounting holes must be drilled out to 7/8" dia. for proper fastener fit. If alternate hole locations are required, holes must be marked and drilled through at 7/8" dia.

Index	Part Number	Description	Qty
1	1061-940031	BRACKET, PIVOT MTG S2S, RR	1
2	0810-670674	3/8-16 BOLT, HHCS	8
3	0815-660527	3/8-16 HEX NUT, TOP LOCK	8
4	0820-680426-EG	3/8 FLAT WASHER, SAE	16

Step 8a

Mounting Arm Mounts (Rear Standard and Reverse Roll)

Note: Figure 27-1. Center of the pivot needs to be in the center of the trailer.

- 1) **Figure 27-2.** Drill four 3/8" holes using the mounting bracket as a template for the hole locations.
- 2) **Figure 27-3.** Use supplied hardware to mount the mounting bracket to the trailer.

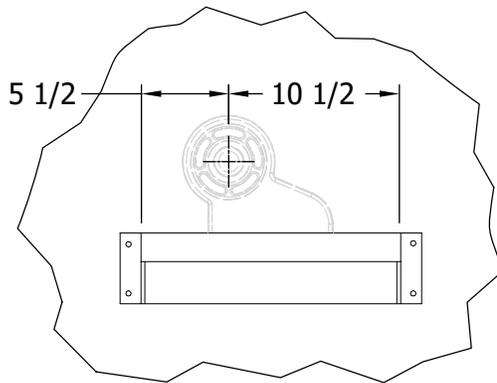


Figure 27-2

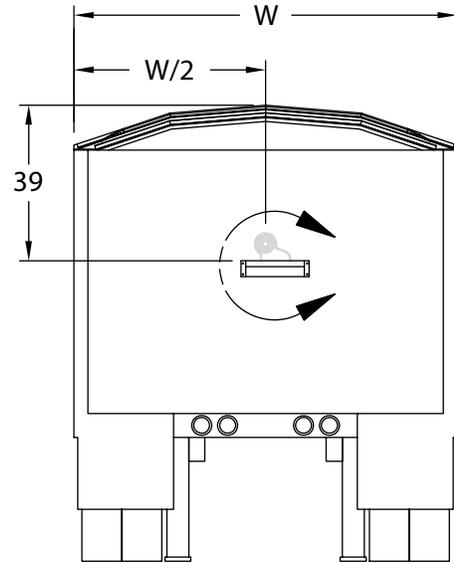


Figure 27-1

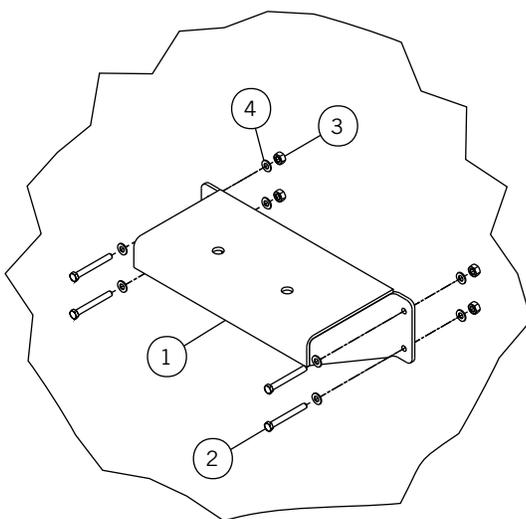


Figure 27-3

Note: Mounting Brackets are supplied with standard pivot mounting hole locations at 3/8" dia. through. Standard pivot mounting holes must be drilled out to 7/8" dia. for proper fastener fit. If alternate hole locations are required, holes must be marked and drilled through at 7/8" dia.

Index	Part Number	Description	Qty
1	1061-940030	BRACKET, ARM MOUNTING	1
2	0810-670674	3/8-16 BOLT, HHCS	4
3	0815-660527	3/8-16 HEX NUT, TOP LOCK	4
4	0820-680426-EG	3/8 FLAT WASHER, SAE	8

Step 8b

Mounting Arm Mounts (ForceLink with Coal Door)

- 1) **Figure 28-1.** Assemble the rear arm mounting bracket per the assembly drawing.

Index	Description	Qty
1	HOUSING MOUNTING BRACKET	2
2	1/2 - USS FLAT WASHER	8
3	1/2-13 NYLON LOCK NUT	4
4	PLATE, REAR COAL DOOR	1
5	1/2-13 UNC - 1.5 - BOLT HHCS	4

Note: Mounting Brackets are supplied with standard pivot mounting hole locations at 3/8" dia. through. Standard pivot mounting holes must be drilled out to 7/8" dia. for proper fastener fit. If alternate hole locations are required, holes must be marked and drilled through at 7/8" dia.

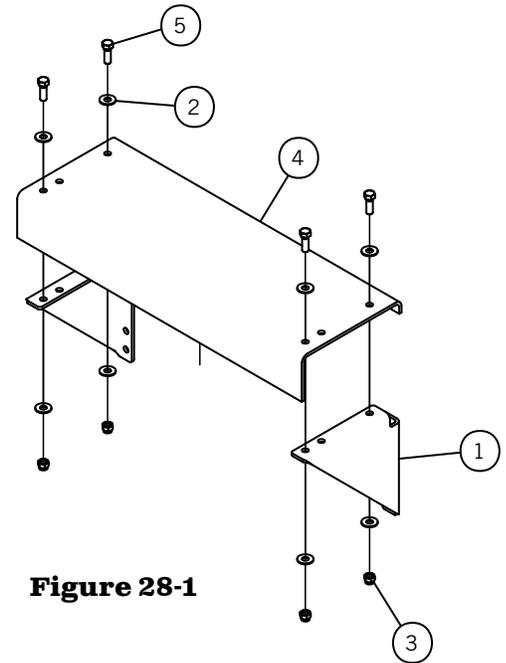


Figure 28-1

- 2) **Figure 28-2.** Center the bracket in the center of the rear door, making sure the bracket is 39" down from the top of the bow rise.
- 3) Using the top and bottom holes on the mounting bracket as a guide, drill 4 clearance holes for a 1/2" bolt.
- 4) Mount the bracket to the rear door using the supplied (4) 1/2-18 x 4" bolts, (8) 1/2" washers and (4) 1/2-18 locking nuts.

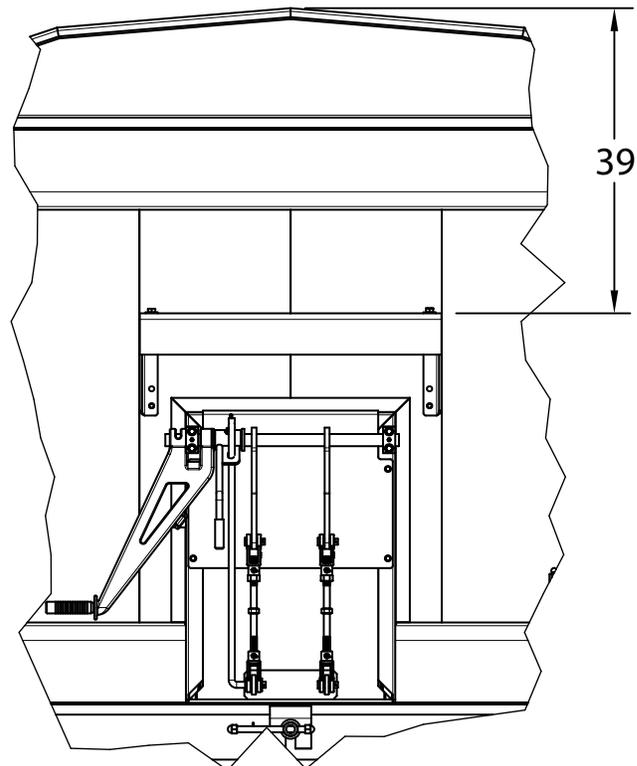


Figure 28-2

AeroForce S2S

Installation Instructions

Step 9a

Mounting Front Arm Standard Roll

- 1) **Figure 29-1.** Using the supplied hardware, mount the front arm assembly to the mounting bracket located on the front of the trailer.

Index	Description	Qty
1	FRONT ARM ASSY	1
2	3/4-10 UNC - 1.5 - BOLT HHCS	2
3	3/4 - SPLIT LOCK WASHER	2
4	3/4 - USS FLAT WASHER	2

Note: Mounting Brackets are supplied with standard pivot mounting hole locations at 3/8" dia. through. Standard pivot mounting holes must be drilled out to 7/8" dia. for proper fastener fit. If alternate hole locations are required, holes must be marked and drilled through at 7/8" dia.

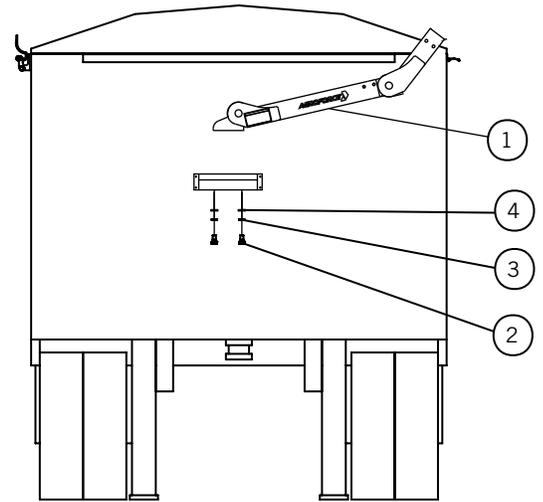


Figure 29-1

Step 9b

Mounting Front Arm Reverse Roll

- 1) **Figure 29-2.** Using the supplied hardware, mount the front arm assembly to the mounting bracket located on the front of the trailer.

Note: The front arm assembly is rotated 180 degrees when used in reverse roll applications. The motor assembly will be on the inside between the arm assembly and the front of the trailer. Make sure there are no obstacles within the path of the front arm assembly.

Index	Description	Qty
1	FRONT ARM ASSY	1
2	3/4-10 UNC - 1.5 - BOLT HHCS	2
3	3/4 - SPLIT LOCK WASHER	2
4	3/4 - USS FLAT WASHER	2

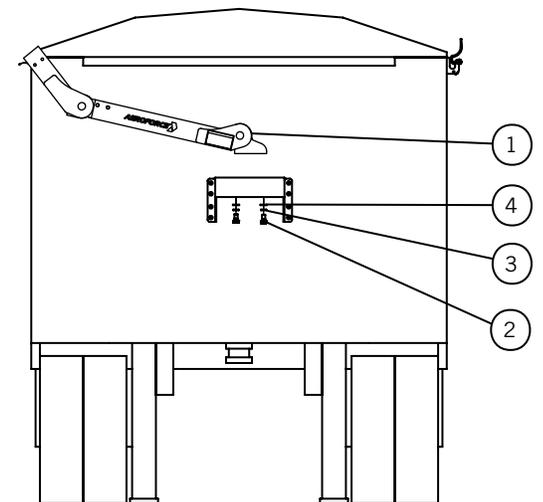


Figure 29-2

AeroForce S2S

Installation Instructions

Step 10a

Mounting Rear Arm Standard Roll

- 1) **Figure 30-1.** Using the supplied hardware, mount the rear arm assembly to the mounting bracket located on the rear of the trailer.

Index	Description	Qty
1	REAR ARM ASSY W/ CHAIN	1
2	3/4-10 UNC - 1.5 - BOLT HHCS	2
3	3/4 - SPLIT LOCK WASHER	2
4	3/4 - USS FLAT WASHER	2

Note: Mounting Brackets are supplied with standard pivot mounting hole locations at 3/8" dia. through. Standard pivot mounting holes must be drilled out to 7/8" dia. for proper fastener fit. If alternate hole locations are required, holes must be marked and drilled through at 7/8" dia.

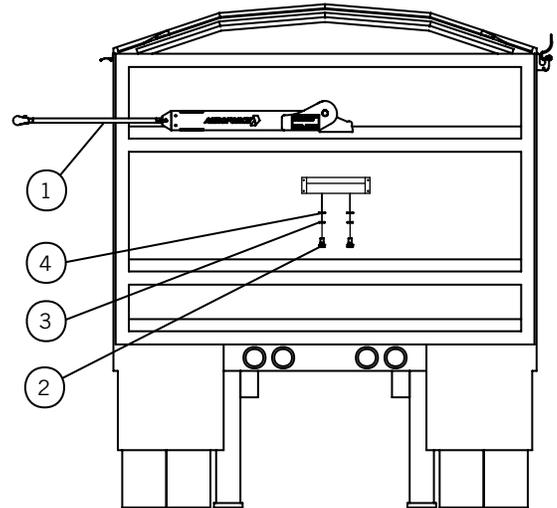


Figure 30-1

Step 10b

Mounting Rear Arm Reverse Roll

- 1) **Figure 30-2.** Using the supplied hardware, mount the rear arm assembly to the mounting bracket located on the rear of the trailer.

Note: The rear assembly is rotated 180 degrees around.

Index	Description	Qty
1	REAR ARM ASSY W/ CHAIN	1
2	3/4-10 UNC - 1.5 - BOLT HHCS	2
3	3/4 - SPLIT LOCK WASHER	2
4	3/4 - USS FLAT WASHER	2

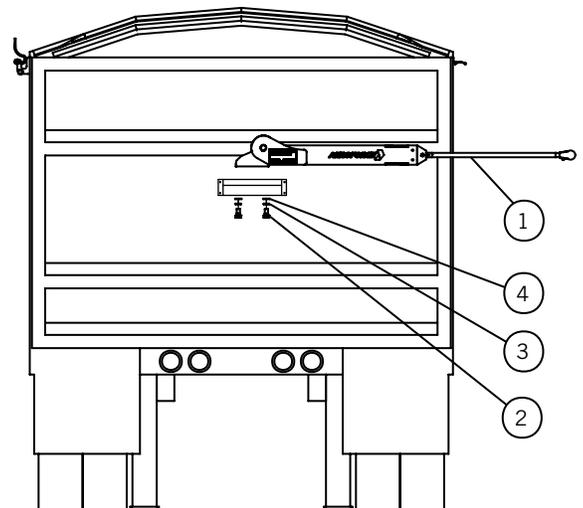


Figure 30-2

Step 10c

Mounting Rear Arm (ForceLink with Coal Door)

- 1) **Figure 31-1.** Drill two $25/32$ " holes for $3/4$ " bolts in the top of the bracket so that the pivot pin on the ForceLink is in the center of the trailer. The distance between the holes needs to be $6-3/8$ ".

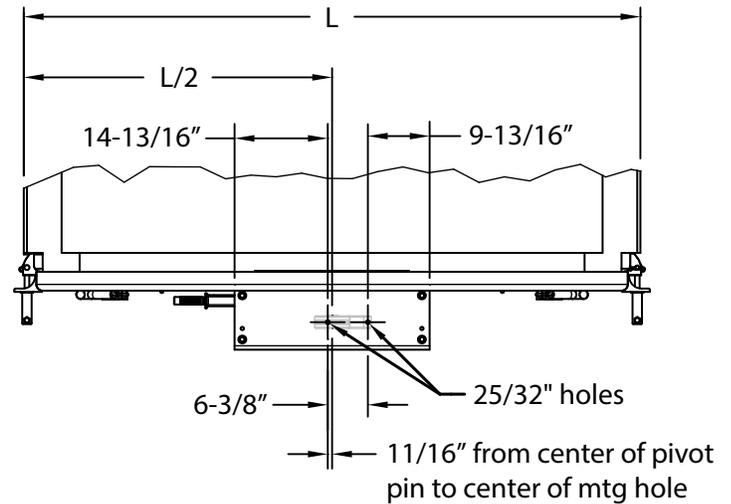


Figure 31-1

- 2) **Figure 31-2.** Using the supplied $3/4$ " bolts, washers and nuts, install ForceLink arm assembly onto the mounting bracket.

Index	Description	Qty
1	REAR ARM ASSY W/ CHAIN	1
2	$3/4-10$ UNC - 1.5 - BOLT HHCS	2
3	$3/4$ - SPLIT LOCK WASHER	2
4	$3/4$ - USS FLAT WASHER	2

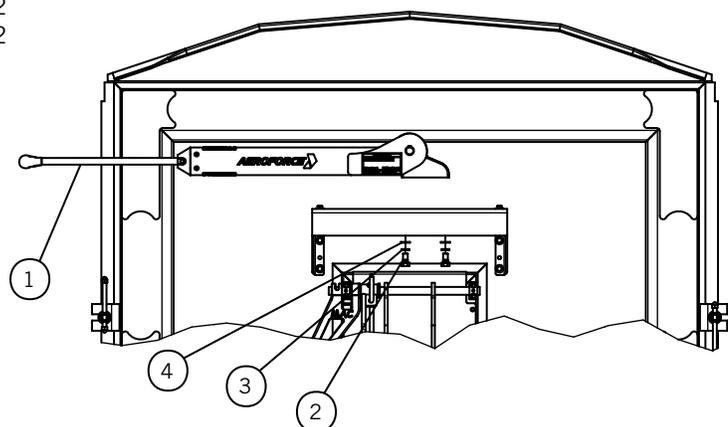


Figure 31-2

AeroForce S2S

Installation Instructions

Step 11a

Roll Pipe Front Hookup Standard Roll

- 1) **Figure 32-1.** Attach motor to front arm with 3/8" bolts and lock nuts. Make sure to align marker stickers on motor and arm before securing.
- 2) **Figure 32-2 & 32-3.** Insert roll pipe into motor and attach with supplied hardware.

Index	Description	Qty
1	MOTOR ASSEMBLY	1
2	FRONT ARM ASSEMBLY	1
*3	ROLL PIPE ASSEMBLY	1
4	3/8 HEX BOLT	3
5	3/8 LOCK NUT	3
6	5/16 HEX BOLT	1
7	5/16 LOCK NUT	1

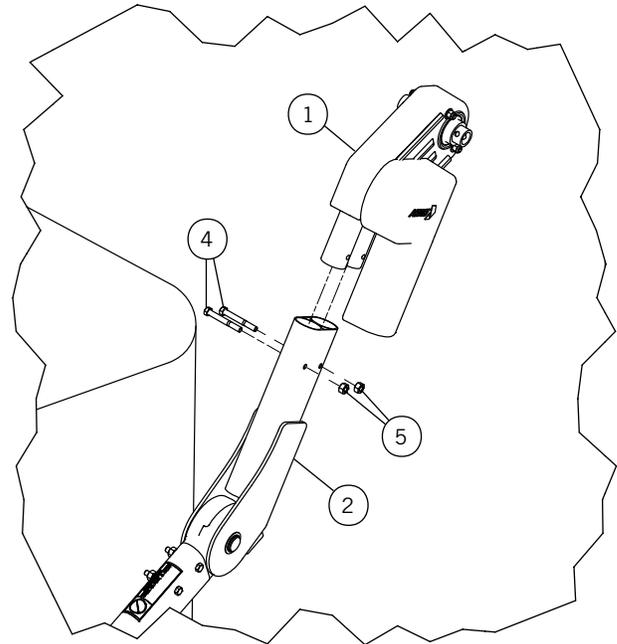


Figure 32-1

*2" roll pipe shown, same process applies for assembly with 3" roll pipe

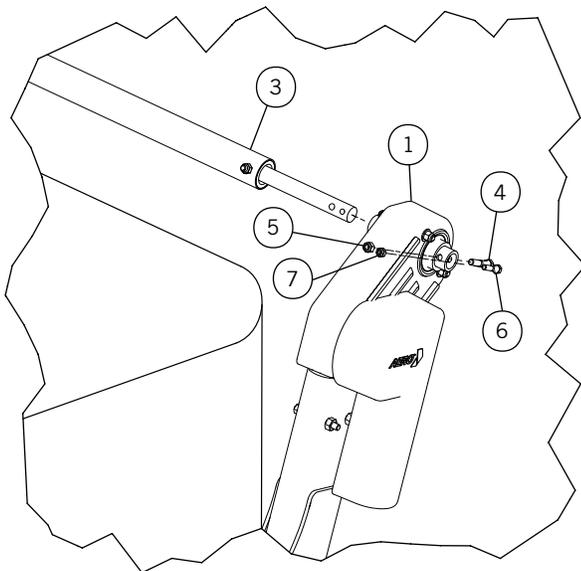


Figure 32-2

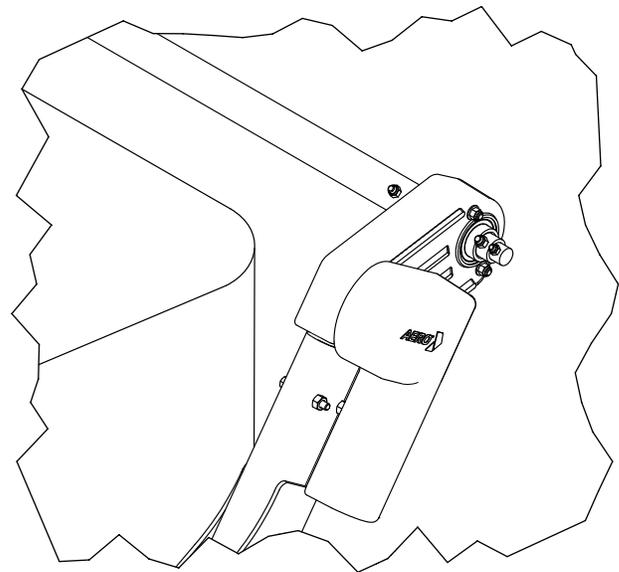


Figure 32-3

AeroForce S2S

Installation Instructions

Step 11b

Roll Pipe Front Hookup Reverse Roll

- 1) **Figure 33-1.** Attach motor to front arm with 3/8" bolts and lock nuts. Make sure to align marker stickers on motor and arm before securing.
- 2) **Figure 33-2 & 33-3.** Insert roll pipe into gearbox and attach with supplied hardware.

Index	Description	Qty
1	MOTOR ASSEMBLY	1
2	FRONT ARM ASSEMBLY	1
*3	ROLL PIPE ASSEMBLY	1
4	3/8 HEX BOLT	3
5	3/8 LOCK NUT	3
6	5/16 HEX BOLT	1
7	5/16 LOCK NUT	1

*2" roll pipe shown, same process applies for assembly with 3" roll pipe

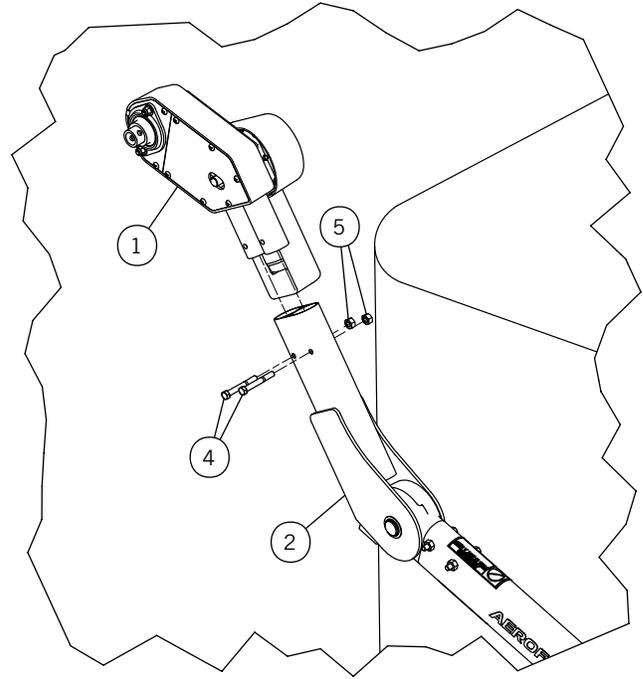


Figure 33-1

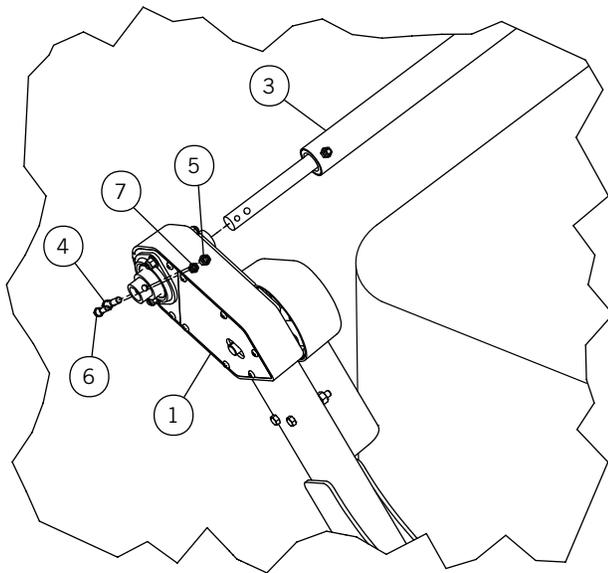


Figure 33-2

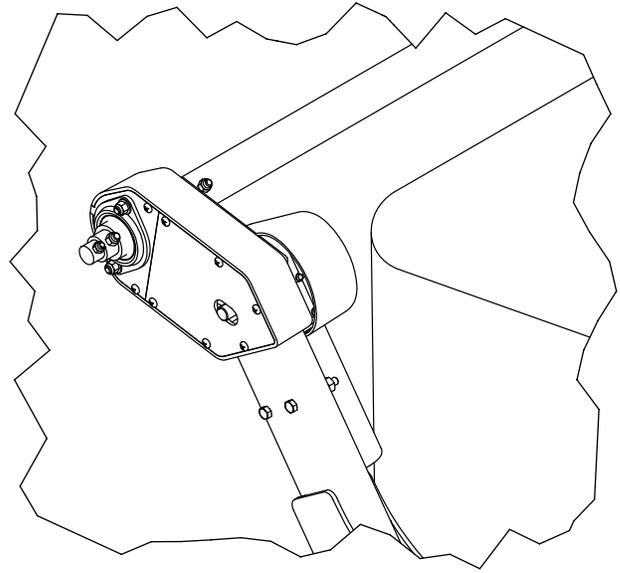


Figure 33-3

Step 12a

Roll Pipe Rear Hookup - 2" Steel

- 1) **Figures 34-1 & 34-2.** Cut roll pipe down so the chain on the 90 degree casting is aligned with the arm.
- 2) **Figure 34-3.** Slide roll pipe over the rear arm pipe bushing.
- 3) **Figure 34-3.** Use the supplied Tek screw to connect the roll pipe to the rear arm.

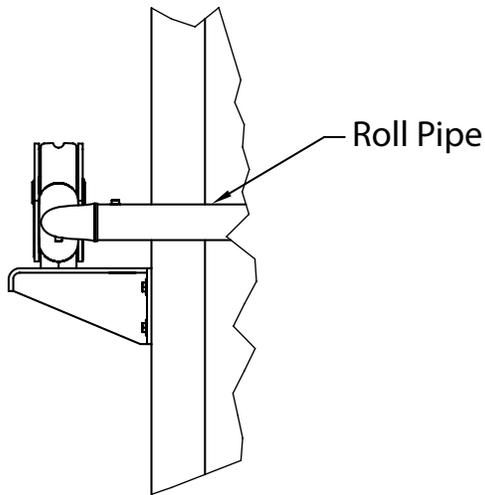


Figure 34-1

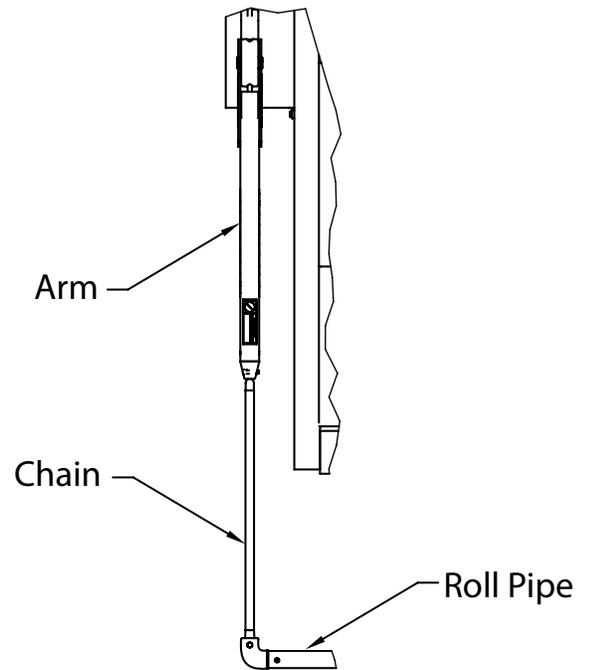


Figure 34-2

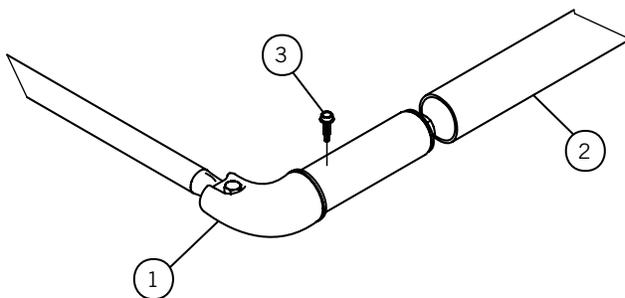


Figure 34-3

Index	Description	Qty
1	ARM, CHAIN ASSY	1
2	2" ROLL PIPE	1
3	#14 PH TEK SCREW	1

AeroForce S2S

Installation Instructions

Step 12b

Roll Pipe Rear Hookup - 3" Aluminum

- 1) **Figures 35-1 & 35-2.** Cut down the roll pipe so that when the rear arm adapter is installed the chain is aligned with the rear arm.
- 2) **Figure 35-3.** Slide the roll pipe over the spline adapter on the rear arm assembly. Using a valley in the OD of the roll pipe as a centerline, drill holes at 2" and 4" back from the end of the roll pipe.
- 3) **Figure 35-3.** Use the supplied self-tapping screws to connect the roll pipe to the rear arm.

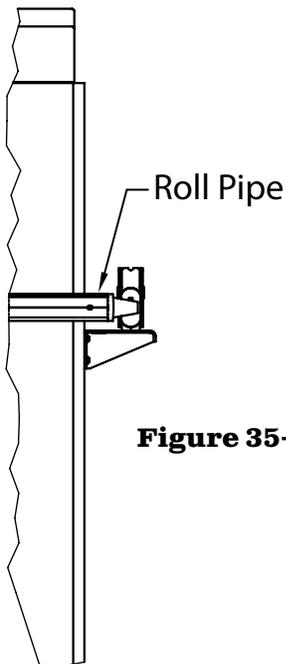


Figure 35-1

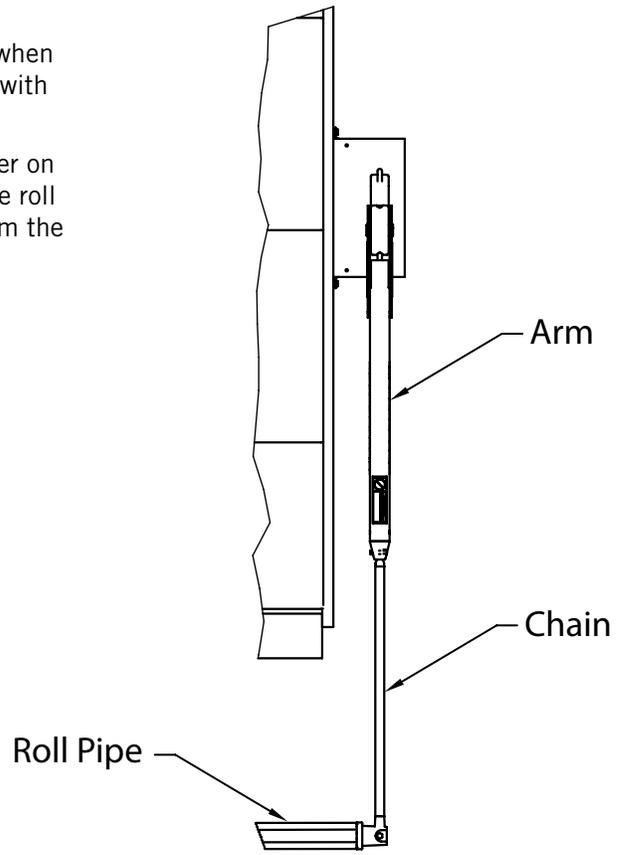


Figure 35-2

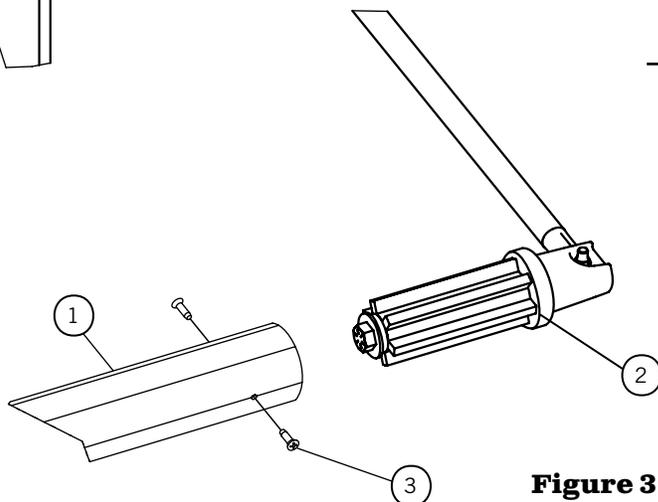


Figure 35-3

Index	Description	Qty
1	3" ROLL PIPE	1
2	ARM, CHAIN ASSY	1
3	1/4-20 SELF-TAPPING SCREW	2

AeroForce S2S

Installation Instructions

Step 12c

Rear Tensioner

Insert Rear Tensioner assembly fully into roll tube, should be an interference fit.

- 1) Pre-drill two holes, 90 degrees opposed, and insert self tapping screws.
- 2) Holes/screws are 1" from tensioner/roll pipe interface.
- 3) Attach eyebolt inline with tensioner rope/s-hook if possible to limit wear.
- 4) Eyebolt should be approximately 12" below tensioner rope with sufficient tension on hook/rope (10#).
- 5) When rear cap on gate is present, attach eyebolt to gate.
- 6) No rear cap, eyebolt can be attached to rear post or gate (tension rule applies).
- 7) Insert tensioner s-hook into eyebolt before testing roll-up.

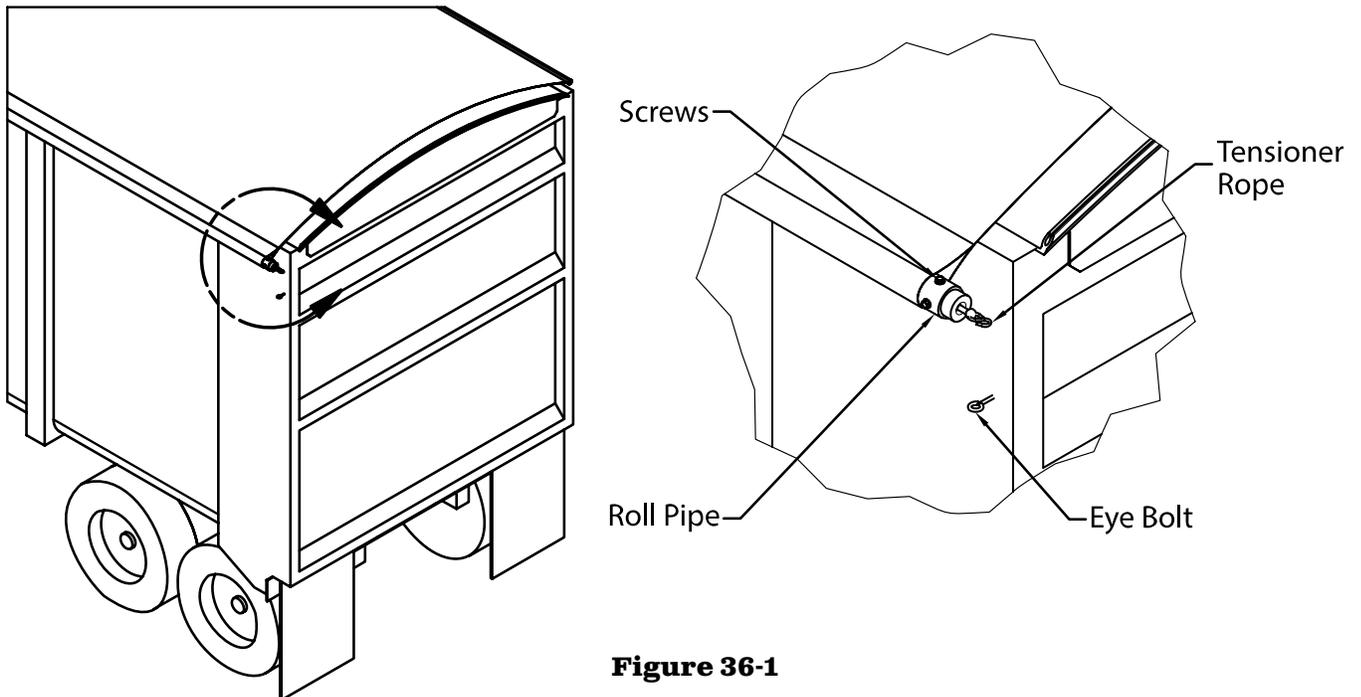


Figure 36-1

AeroForce S2S

Installation Instructions

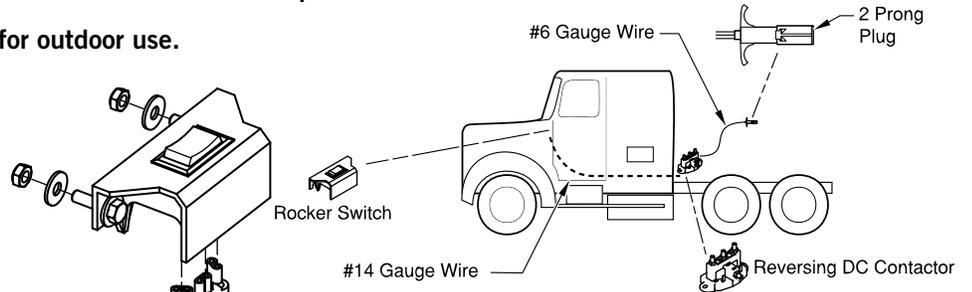
Step 13a

Semi-trailer Truck Wiring

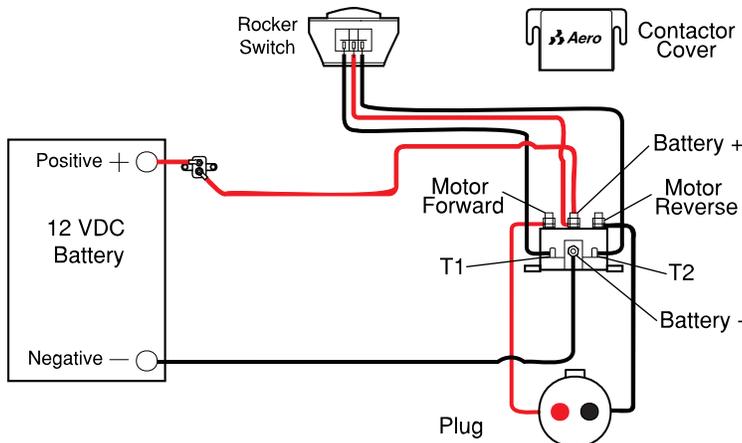
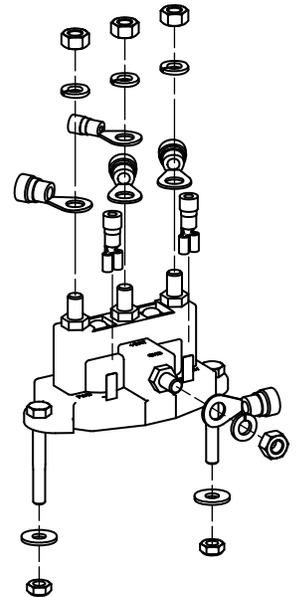
▲ IMPORTANT: Locate Operation/Maintenance Sheet and keep near switch.

▲ IMPORTANT: Switch is not rated for outdoor use.

1) Find a convenient place on the driver's side under the dashboard to mount the rocker switch with 1/4-20 x 1" hex bolts

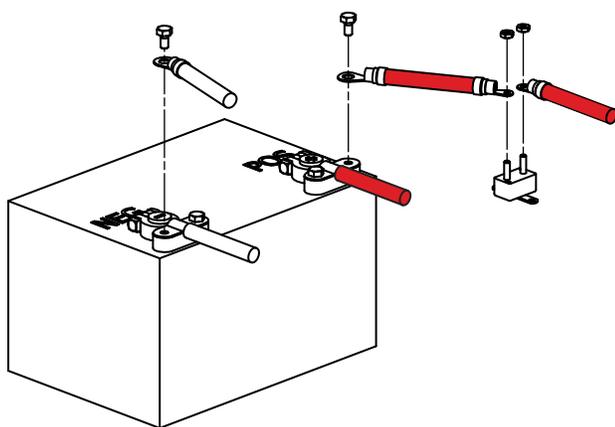


2) Mount reversing contactor outside near back of cab with 1/4-20 x 2" hex bolts.

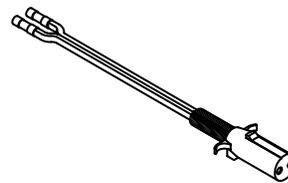


3) Run wire from switch to reversing contactor. Run wire from battery to reversing contactor. Secure all wire with clamps.

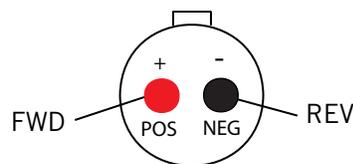
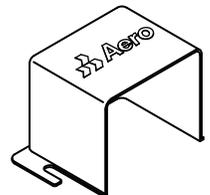
4) Connect breaker to battery and secure with zip ties.



5) Run wires from reversing contactor to plug, making sure there is enough wire to reach the receptacle.



6) Place cover on reversing contactor.



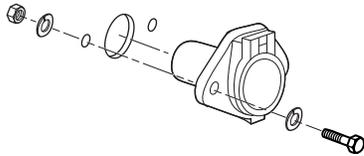
AeroForce S2S

Installation Instructions

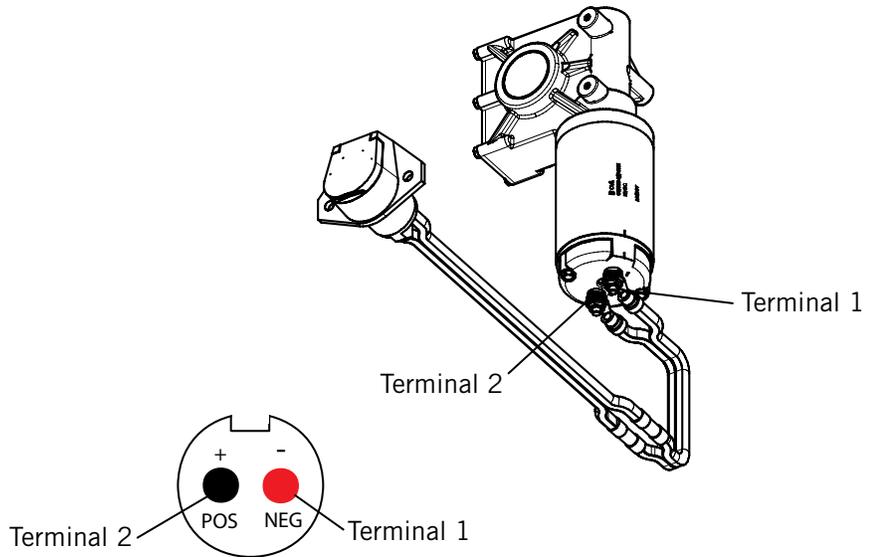
Step 13b

Semi-trailer Wiring

- 1) Mount receptacle in convenient location.



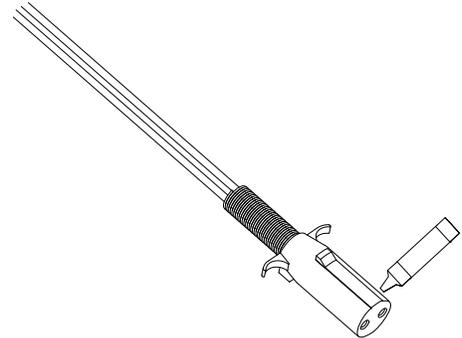
- 2) Run wire from receptacle to motor. Secure all wire with clamps.



NOTICE: Install boot caps and apply dielectric grease to all ring terminal connections.



NOTICE: Apply conductive grease to all 2-prong plug connections.



Step 13c

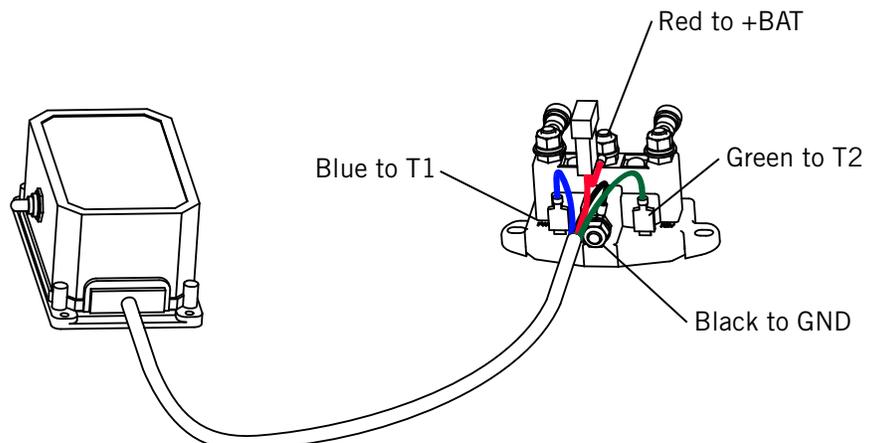
Optional Remote Wiring

▲ IMPORTANT: Locate Operation/Maintenance Sheet and keep in a convenient location.

▲ IMPORTANT: Remote receiver must be mounted with the wires at the bottom.

The optional remote kit replaces the use of the rocker switch. Follow **Step 13a** and replace the rocker switch with the remote receiver.

- 1) Mount the remote receiver to the back of the cab with the provided screws.
- 2) Connect remote receiver to reversing DC Contactor. Secure all wire with clamps.



AeroForce S2S

Installation Instructions

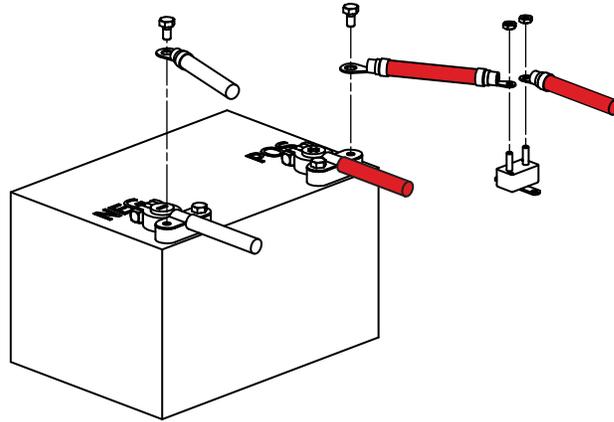
Step 13d

Alternate Remote Wiring

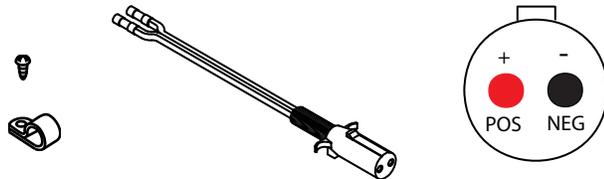
▲ IMPORTANT: Locate Operation/Maintenance Sheet and keep in a convenient location.

Semi-trailer Truck Wiring

- 1) Connect breaker to battery and secure with zip ties.

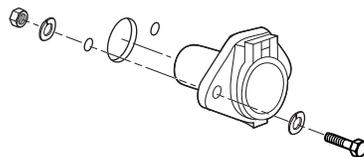


- 2) Run wire from battery to receptacle. Secure all wire with clamps.



Semi-trailer Wiring

- 3) Mount receptacle in convenient location on trailer.



AeroForce S2S

Installation Instructions

Step 13d (cont.)

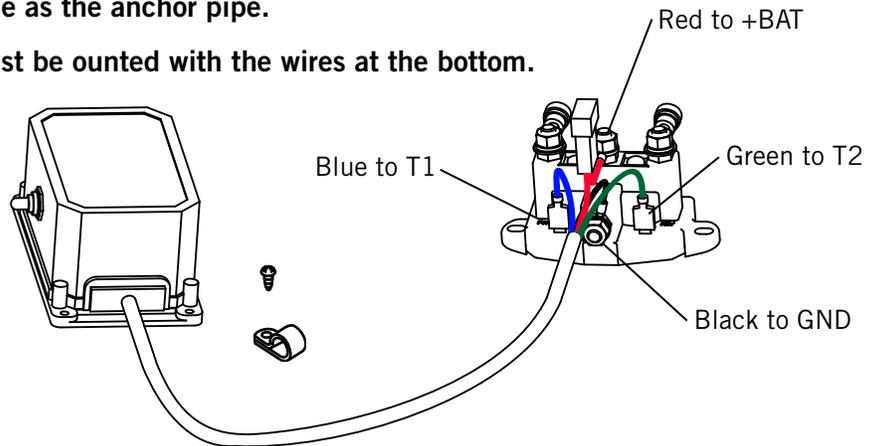
4) Mount reversing contactor under the nose of the trail with 1/4-20 x 2" hex bolts.

⚠ WARNING: DO NOT place remote receiver in the path of the swing arm or injury could occur. Mount it on the face of the trailer on the same side as the anchor pipe.

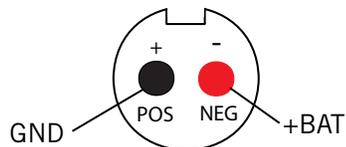
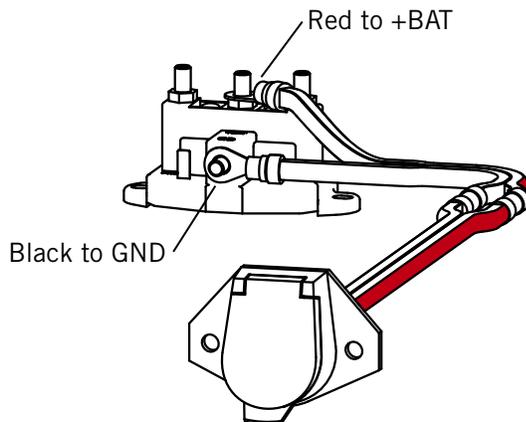
▲ IMPORTANT: Remote receiver must be mounted with the wires at the bottom.

5) Mount the remote receiver to the back of the cab with the provided screws.

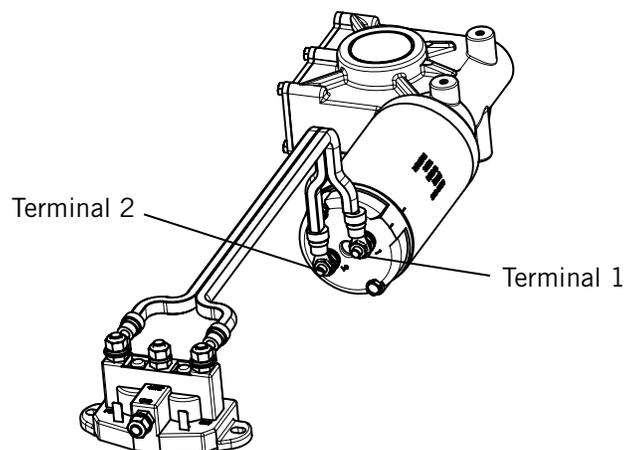
6) Connect remote box to reversing DC Contactor. Secure all wire with clamps.



7) Connect receptacle to reversing DC contactor. Secure all wire with clamps.



8) Connect reversing DC Contactor to motor. Secure all wire with clamps.



▲ IMPORTANT: The reversing DC contactor should be mounted under the nose of the trailer, NOT near the motor.

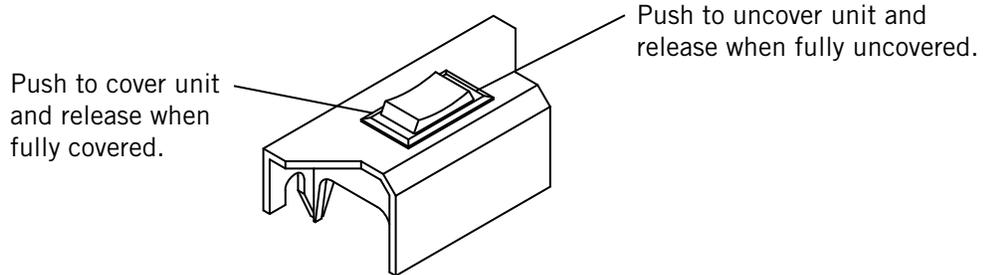
AeroForce S2S

Installation Instructions

How to Operate AeroForce S2S

NOTICE: NOT releasing the switch when the covered or uncovered position is reached may cause the motor to burn out.

Switch

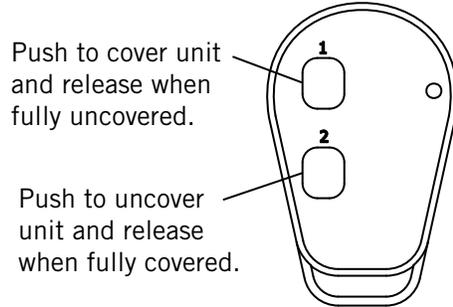


Remote Operation

To operate the remote, disable the safety lock out by pushing both buttons for 2 seconds.

NOTE: After 1 minute of not pushing a button on the remote the safety lock out is activated.

Key FOB



Receiver



Explanation of Signal Words

⚠ WARNING: Indicates a hazardous situation which, if not avoided could result in death or serious injury.

⚠ CAUTION: Indicates a hazardous situation which, if not avoided could result in minor or moderate injury.

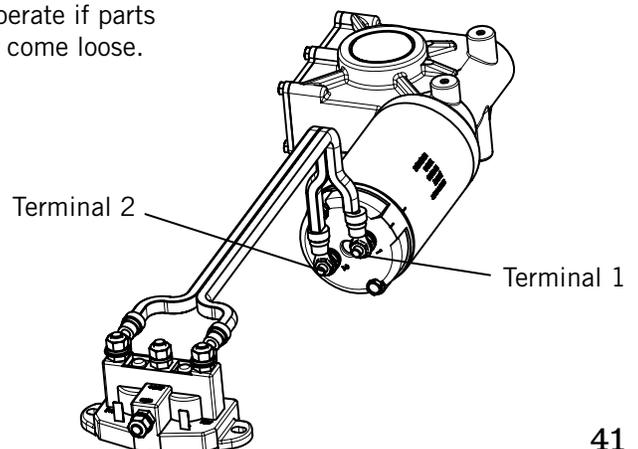
Safety Messages Related to the Operation of AeroForce S2S

Maintenance recommendations, safety messages, and repair instructions can be found at www.s2soperation.com or call 800-535-9545.

⚠ CAUTION: Routinely inspect tarp and swing arms, DO NOT operate if parts are worn or damaged. Worn or damaged parts may come loose. Replace all worn or broken parts IMMEDIATELY.

⚠ CAUTION: If the arms are damaged or fail to rotate freely under normal operation, DO NOT operate. Secure any damaged parts until repairs can be made.

⚠ WARNING: The swing arms rotate under extreme spring tension during operation. Make sure no one is in the path of or on the arms.



How to Maintain AeroForce S2S

⚠ IMPORTANT: Replace all worn or broken parts immediately. Repairs must only be made after proper instruction.

Minimal maintenance is required for the AeroForce S2S. Individual usage and operating conditions will determine when to check the AeroForce S2S. Aero Industries recommends a weekly inspection of the following items:

- 🔍 Inspect Tarp for wear and tears.
- 🔍 Inspect arms for damage (cracked, dented or bent).
- 🔍 **Bearings:** Pull the shafts from side to side and in and out. If there is excessive play, replace the bearings. Lubricate as often as necessary with penetrating oil. DO NOT use an excessive amount of lubricant.
- 🔍 **Springs:** Examine springs for breakage or distortion. Apply a light coat of penetrating oil to tension springs as needed.
- 🔍 **Fasteners:** Make sure that all mounting bolts and screws are in place and tight and that no parts are worn or damaged.
- 🔍 **Chain:** Check the chain tension, that links move smoothly, and make sure the master link is on. Lubricate the chain regularly with penetrating oil.
- 🔍 **Electrical Connections:** Check all electrical connections and tighten any that have become loose.
- 🔍 **Safety Labels:** Clean labels with soap and water. Replace if damaged and/or difficult to read.

Explanation of Signal Words

⚠ WARNING: Indicates a hazardous situation which, if not avoided could result in death or serious injury.

⚠ CAUTION: Indicates a hazardous situation which, if not avoided could result in minor or moderate injury.

Safety Messages Related to the Maintenance of AeroForce S2S

Maintenance recommendations, safety messages, and repair instructions can be found at www.s2soperation.com or call 800-535-9545.

⚠ CAUTION: Routinely inspect tarp and swing arms, DO NOT operate if parts are worn or damaged. Worn or damaged parts may come loose. Replace all worn or broken parts IMMEDIATELY.

⚠ WARNING: The swing arms rotate under extreme spring tension and damaged arms could come loose unexpectedly allowing the arm to rotate with tremendous force. Before any repairs, see repair instructions on website for “Properly Releasing Spring Tension” and properly release spring tension.

⚠ WARNING: DO NOT unlock the roll stops holding the anchor pipe before releasing the spring tension on the AeroForce S2S. Unlocking the roll stops can cause a rapid release of spring tension.

AeroForce S2S

For Dumps



Call 1-800-535-9545

www.aeroindustries.com

INDIANAPOLIS, IN
Indianapolis, IN 46241
800-535-9545
FAX: 317-244-1311

OMAHA, NE
Omaha, NE 68137
800-535-9545
FAX: 402-895-6129

KENT, OH
Kent, OH 44240
888-237-2262
FAX: 330-626-3277

© 2017 Aero Industries, Inc.

PATENT PENDING.