



TARPING SYSTEMS & ACCESSORIES

P/N 1115708 Rev. V

# OWNER'S MANUAL



## End Dumps, Belly Dumps & Dump Bodies

*READ BEFORE INSTALLING*

PO BOX 713 ■ 2309 SHUR-LOK STREET ■ YANKTON, SD 57078-0713  
PHONE 1-800-4-SHUR-LOK (1-800-474-8756) ■ FAX 605-665-0501  
[www.shurco.com](http://www.shurco.com)

SHOP ONLINE: [www.shopshurco.com](http://www.shopshurco.com)

**SHIPPING.** Orders are shipped F.O.B. from the Shur-Co®, LLC sites listed below. No full freight is allowed or prepaid shipment accepted unless quoted and approved in writing prior to acceptance of the order. All shipments are made by the most reasonable means in accordance with size and weight of order, unless specified routing instructions are furnished by the customer. Shipments are made daily via U.P.S. and common carrier. Claims for shortages must be made within 10 days. All claims for damages or loss in transit must be made with the carrier. No collect calls will be accepted. To ensure delivery of orders, we need your full street address and phone number. When you receive your shipment, examine it carefully. Be sure all cartons listed on the delivery sheet are accounted for. Large items may be packaged separately. If a carton is damaged, open it and inspect the contents before signing for delivery. If merchandise is damaged, describe damage on the delivery receipt. Failure on your part to document damaged or missing merchandise on the delivery receipt releases the carrier of all liability; repair or replacement will be the customer's responsibility.

**WARRANTY.** We warrant all new products are free of defects in materials and workmanship.\* This warranty is effective if products are properly installed and used for the purpose for which they were intended and applies to the original buyer only. Except as set forth above or in any product-specific warranty documentation, we make no other warranties, express or implied, including but not limited to warranties of merchantability of fitness for a particular use.

Returns of a product for warranty must be accompanied by a Return Merchandise Authorization number (RMA#), obtained by calling Customer Service at 866-748-7435, and sent, with freight paid by us, to Shur-Co®, LLC, 2309 Shur-Lok St., PO Box 713, Yankton, SD 57078. All products returned without an RMA# will be refused. When we issue the RMA#, we will also issue a call tag to have UPS (or other freight company) pick up the product. C.O.D. returns not accepted. We will pay no storage fees for a warranty product return prior to pick by us or the freight company. If a warranty product return is scheduled to be picked up by us, we will pick up the product at our earliest convenience.

If a product returned is found, in our judgement, to be defective in material or workmanship, our obligation under this warranty is limited to the repair or replacement of the product, which will be made by us. Repair or replacement will be at our discretion, with replacements being made using current products performing in the equivalent function. Labor charges, other than those incurred at our factory, including, but not limited to, any labor to install a repaired or replacement product, are not covered under this warranty. All expenses associated with delivering defective products to our factory and delivering repaired or replacement products from our factory to the owner will be paid by us.

If the product returned is found, in our judgement, to be non-warrantable, the owner will be contacted to authorize repair work, purchase of a replacement product or return of the product, all of which will be at the owner's expense. Payment authorization must be received by us before any non-warrantable product is repaired, replaced or returned. All expenses associated with delivering the repaired non-warrantable product, a replacement product or the non-warrantable product from our factory to the owner will be paid by the owner.

In no event will we be liable for any damages of any kind to person, product or property, including but not limited to indirect, incidental, special, consequential or punitive damages, or damages for loss of profits or revenue, even if we have been advised of the possibility of such damages. There are no warranties for used products or products that have been repaired, altered, modified or subjected to misuse, negligence or accident. We will not repair or replace products that fail or malfunction due to ordinary wear and tear, except as expressly noted in a product-specific warranty. Use of non-Shur-Co®, LLC parts in conjunction with Shur-Co®, LLC products will void this product warranty.

\*Certain products have specific warranties that differ from this warranty, for example motors and electronics. Product-specific warranty documentation is available for these items. In the event of a conflict between this warranty and a product-specific warranty, the product-specific warranty will govern.

**RETURN POLICY.** All sales final. See WARRANTY above for return details.

**OTHER.** All prices, product listings, sizes, weights and manufacturing details are subject to change without notice. No person is authorized to modify the foregoing conditions of sale whatsoever.

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**SHUR-CO® of SOUTH DAKOTA**  
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**SHUR-CO® UK, Ltd.**  
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Ph +44 (0)1795.473499  
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For more information, log on to our website:  
**www.shurco.com**

**MESSAGE TO OWNERS**

Thank you for buying this tarping system from Shur-Co®. We appreciate your confidence in our products. Please read and thoroughly understand this manual before installing and/or operating this system.

Pay particular attention to important safety and operating instructions, as well as warnings and cautions. The hazard symbol  is used to alert users to potentially hazardous conditions and is followed by caution, warning or danger messages.

Failure to READ AND FOLLOW INSTRUCTIONS could result in failure of your tarping system and/or personal injury. Your trailer requirements may, however, call for minor variations to these instructions.

Please inspect your tarping system periodically and repair or replace worn or damaged parts.

QUESTIONS? CALL OUR HELP LINE:

**1-866-748-7435**

MON-FRI 8 AM-5 PM CENTRAL TIME

**SAFETY**

We at Shur-Co® are concerned with your safety and the safety of all those operating this system. Therefore, we have provided safety decals at various locations on your tarping system. Keep decals as clean as possible at all times. Replace any decal that has become worn or damaged, painted over or otherwise difficult to read. Replacement decals are available through Shur-Co® dealers.

**SAFETY INSTRUCTIONS**

- 1. Keep body and clothing clear of moving parts.**
- 2. Hold crank firmly with both hands while opening and closing tarp.**
- 3. Place safety decals in visible locations. Replace worn or damaged decals.**

**RUST PREVENTION**

To prevent rust, paint all exposed metal, such as weld seams and/or metal exposed by grinding or cutting, with corrosion-resistant paint.

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**TOOLS REQUIRED**

1. #2 Phillips Screw Driver Bit
2. #3 Phillips Screw Driver Bit
3. Air or Electric Impact Wrench w/9/16" & 1/2" Sockets
4. 9/16" Combination Wrench
5. 13/32" Drill
6. 11/32" Drill Bit
7. 3/16" Drill Bit (for 1/4" Self-Drilling Screws)
8. 5/16" Drill Bit (for 3/8" Self-Tapping Screws)
9. 3/8" Drill Bit (for 3/8" Cap Screws)
10. 3/32" Allen Wrench
11. 3/4" Wrench
12. 1/2" Wrench
13. Welder
13. Hammer

**NOTE:** Wherever 3/8" x 1" self-tapping screws **P** are used, include washers and nuts, if possible, and drill 13/32" holes. Self-tapping screws used without washers and nuts require 5/16" holes and a minimum wall thickness of 3/16".

**A**



1701423 - Set Screw - #10 x 3/16"

**B**



1704743 - Self-Drilling Screw - #10 x 1/2"

**C**



1700736 - Self-Tapping Screw - 1/4" x 1/2"

**D**



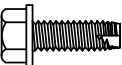
1700398 - Self-Drilling Screw - 1/4" x 3/4"

**E**



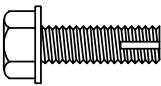
1704768 - Self-Drilling Screw - 1/4" x 3/4"

**F**



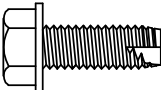
1700403 - Self-Tapping Screw - 1/4" x 3/4"

**G**



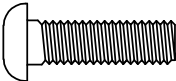
1701059 - Self-Tapping Screw - 5/16" x 1"

**H**



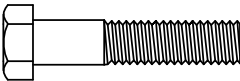
1700400 - Self-Tapping Screw - 3/8" x 1"

**J**



1704706 - Button Hd. Cap Screw - 3/8" x 1 1/4"

**K**



1700369 - Cap Screw - 3/8" x 1 3/4"

**L**



1701543 - Nylon Lock Nut - 1/4"

**M**



1700411 - Hex Nut - 5/16"

**N**



1700419 - Nylon Lock Nut - 5/16"

**O**



1700407 - Hex Nut - 3/8"

**P**



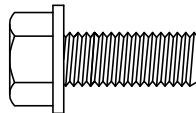
1700418 - Centerlock Nut - 3/8"

**Q**



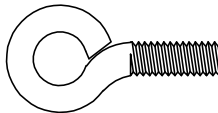
1701283 - Top Lock Flange Nut - 3/8"

**R**



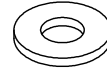
1702996 - Cap Screw - 1/2" x 1 1/4"

**S**



1700717 - Eyebolt - 5/16"

**T**



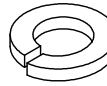
1700427 - Flat Washer - 1/4"

**U**



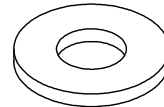
1700433 - Lock Washer - 5/16"

**V**



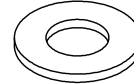
1700434 - Lock Washer - 3/8"

**W**



1703373 - Flat Washer - 1/2"

**X**



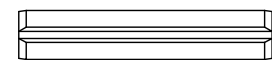
1701176 - Flat Washer - 3/8"

**Y**



1701118 - Spring Pin - 1/4" x 1 3/16"

**Z**



1700443 - Spring Pin - 3/8" x 2"

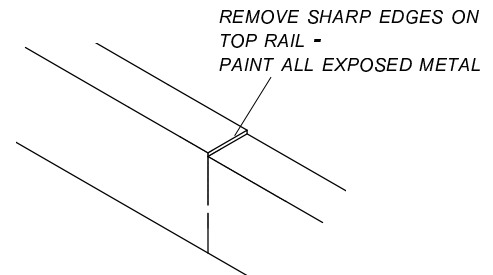
**TARP INSPECTION**

**Tarp length:** Determine tarp length with slight tension applied. Compare actual tarp length with length stated on sheet attached to tarp. If actual tarp length does not match length on sheet, do not proceed. Call your local dealer or call Shur-Co® Customer Service at 1-866-748-7435.

**BOX PREPARATION**

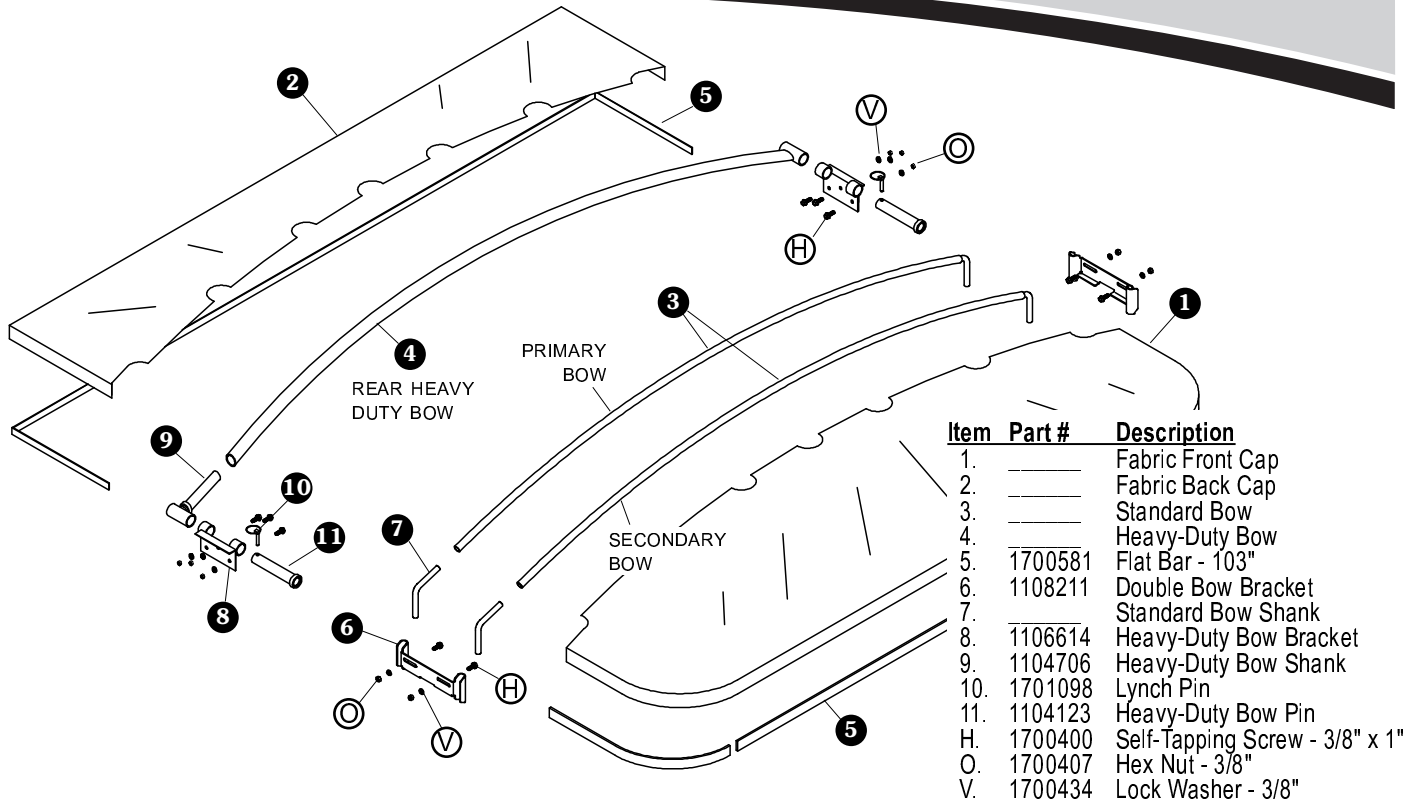
Before installing your Shur-Lok® tarping system, remove or grind any sharp edges smooth to prevent tarp damage.

To prevent rust, paint all exposed metal, such as weld seams and/or metal exposed by grinding or cutting, with corrosion-resistant paint.



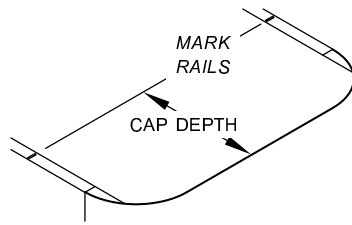
**CAUTION**

Box extensions (tip tops), if used, must be secured to truck box. System could blow off if box extensions are not secured.

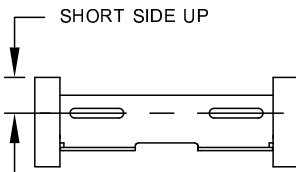


**STEP 1:** Measuring from front of box, mark cap depth on both top rails per cap depth listed on cap tag.

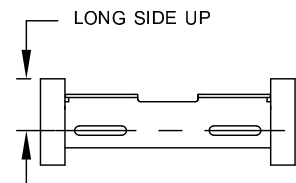
**NOTE:** If fabric cap depth does not match cap depth listed on cap tag, do not proceed. Contact Shur-Co® for further instructions.



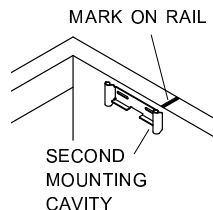
**STEP 2:** 1 1/2" to 3" wide rails. Position double bow brackets with short side up.



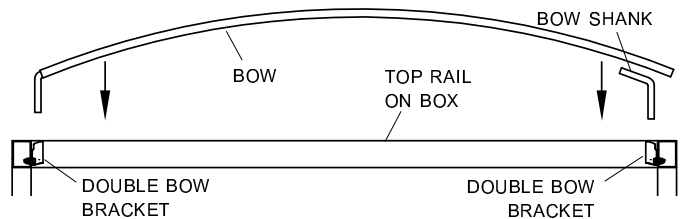
**3" to 6" wide rails.** Position double bow brackets with long side up.



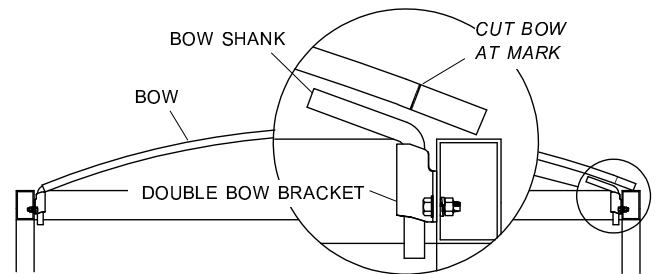
**STEP 3:** Position double bow brackets on rails with second mounting cavities centered on marks. Clamp brackets to rails.



**STEP 4:** Place bow into double bow bracket. Place loose bow shank in opposite double bow bracket.

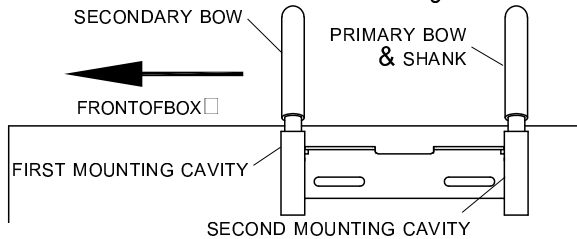


**STEP 5:** Align bow with bow shank. Mark bow at point where bend starts on shank. Cut both bows to this length.

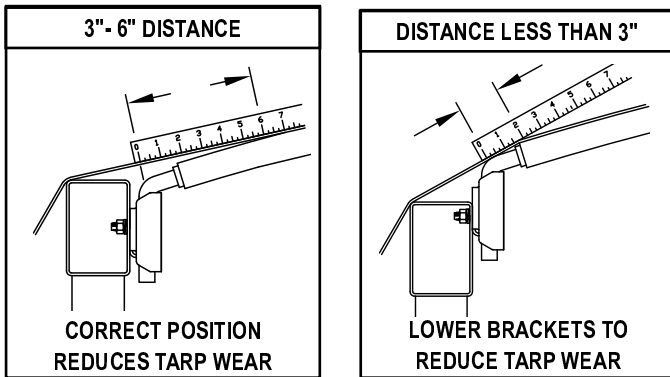


**NOTE:** Cut bows to exact length. If bows are too short and not welded to shank, pressure from tarp will flatten arch in bows.

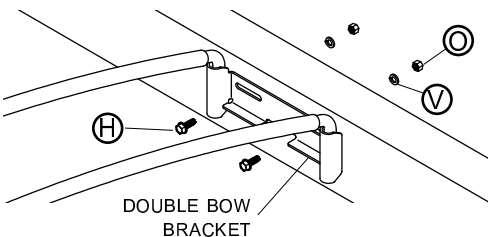
**STEP 6:** Weld bow shank into secondary bow, leaving primary bow and shank unwelded. Insert secondary bow into first mounting cavities in bow brackets. Mount primary bow and shank into second mounting cavities.



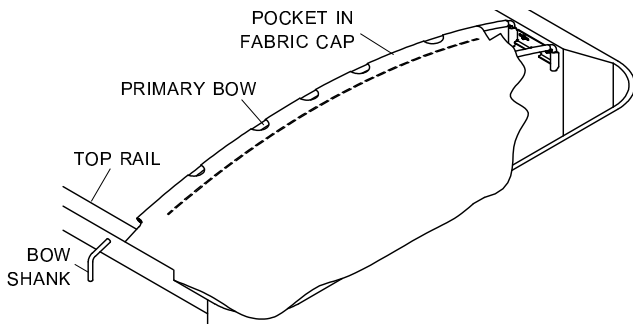
**STEP 7:** Adjust bow brackets vertically to achieve a distance of 3" to 6" between bend in bow shank and point where tarp will contact bow.



**STEP 8:** Mark and drill 5/16" holes. Mount brackets with screws (H), washers (V) and nuts (O).

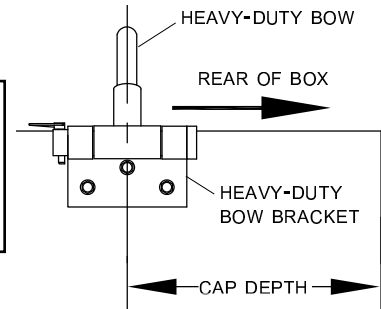


**STEP 9:** Remove primary bow shank from bow bracket and bow. Install fabric cap onto bow. Replace shank into bow and bow bracket. Allow front and sides of fabric cap to hang over edges of top rail on front of box.



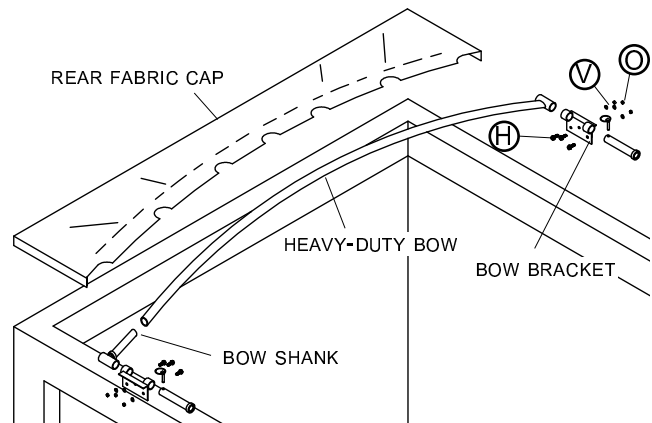
**STEP 10:** Install rear fabric cap at rear of box in same manner as front cap, except install either single bow or heavy-duty bow in place of double bow assembly.

**NOTE:** For standard bows, follow instructions on page 6 to install rear fabric cap with single standard bow.

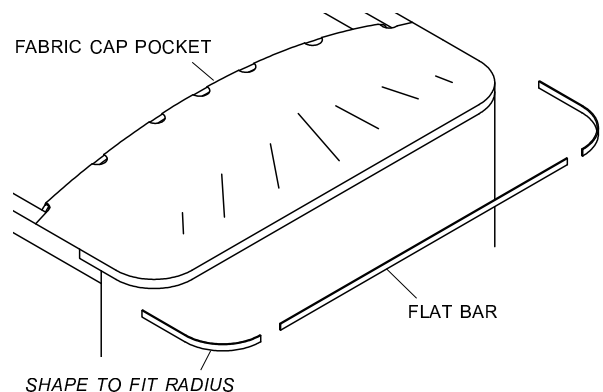


**STEP 11:** Follow instructions on page 11 to install heavy-duty bow or on page 10 to install standard single bow.

**NOTE:** Cut bow to exact length. See step 3 on page 11.

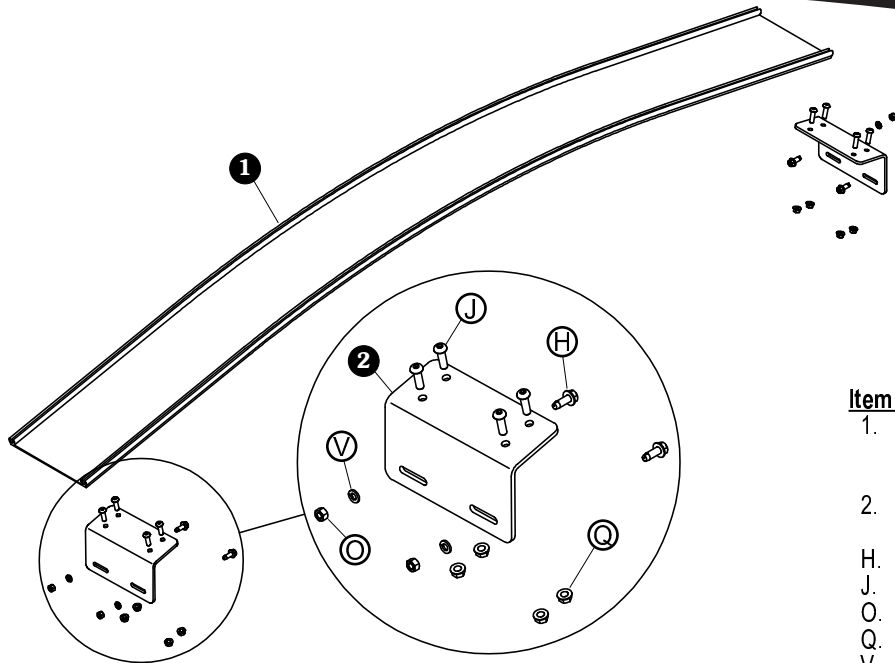


**STEP 12:** Cut aluminum flat bar sections 1/2" shorter than pocket lengths. Insert sections into fabric cap pocket. Shape to fit corner radius, if required.



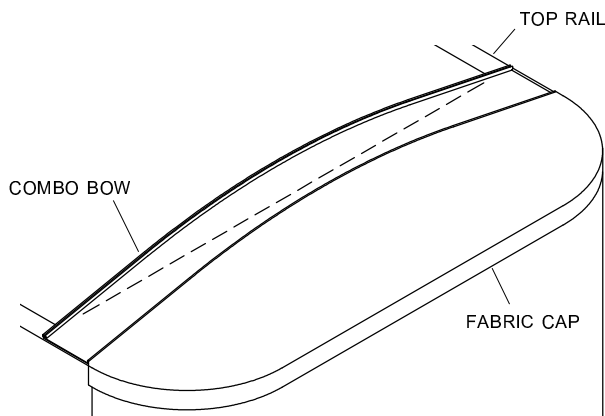
**NOTE:** Use one piece of flat bar across straight portion on front of cap. Side and radius may be one piece. Use as few pieces as possible. Supply even tension over fabric cap for a secure and clean fit.

**NOTE:** Shock cords and rope anchors will be installed after tarp and latchplate. DO NOT install at this time.

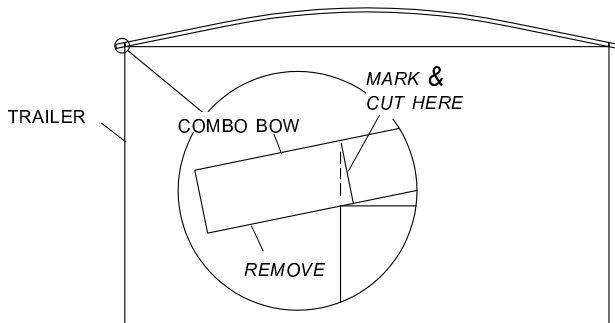


Item	Part #	Description
1.	1122863	Combo Bow - 90 1/2" x 8" Rise
	1122862	Combo Bow - 104 1/2" x 12" Rise
	1122865	Combo Bow - 98 1/2" x 12" Rise
2.	1122897	Combo Bow Bracket - 12°
	1122899	Combo Bow Bracket - 17°
H.	1700400	Self-Tapping Screw - 3/8" x 1"
J.	1704706	Button Head Cap Screw - 3/8" x 1 1/4"
O.	1700407	Hex Nut - 3/8"
Q.	1701283	Top Lock Flange Nut - 3/8"
V.	1700434	Lock Washer - 3/8"

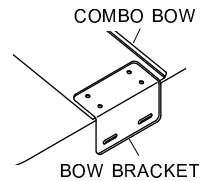
**STEP 1:** Place combo bow on top of trailer, across front. Determine mounting location according to depth of fabric cap packaging plus 10". Mark location on top rails.



**STEP 2:** Center combo bow on trailer. Mark both sides of bow as shown, with no part of bow extending past side of trailer. Remove excess material from combo bow.

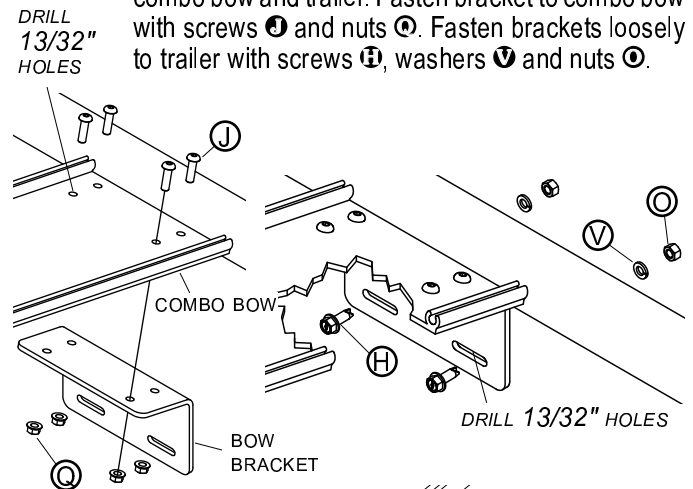


**STEP 3:** Center bow brackets under combo bow, against inside of trailer. Mark bracket locations and remove bow.

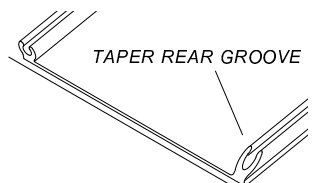


**STEP 4: Option A:** Align bow brackets with marks. Weld in place.

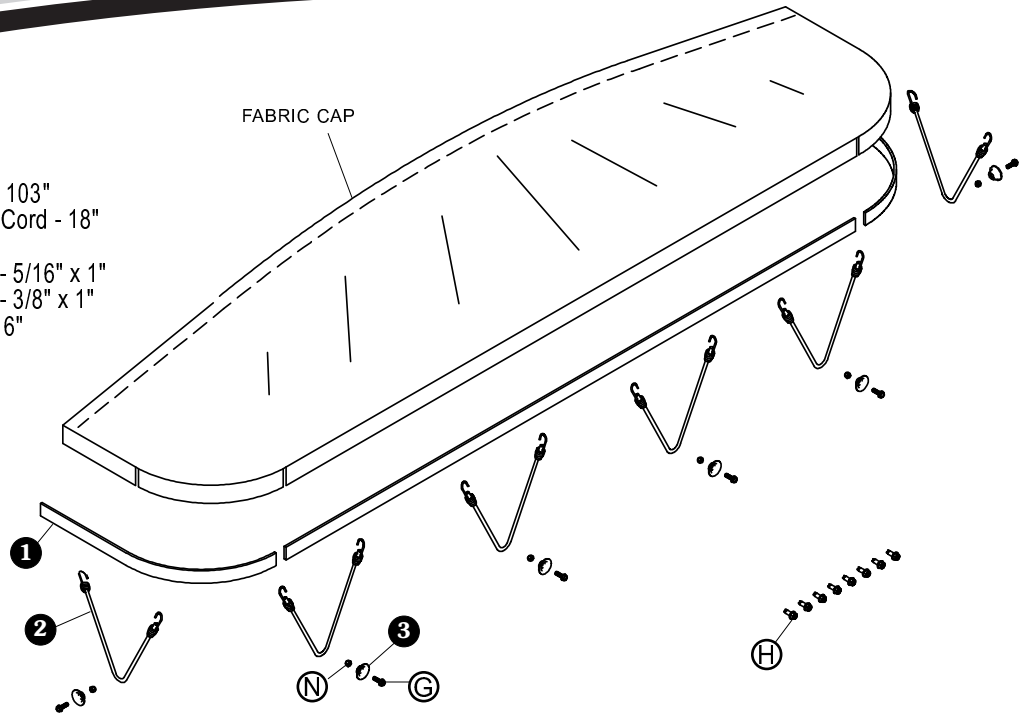
**Option B:** Align bow brackets with marks. Using brackets as guides, mark hole locations on combo bow and on inside of trailer. Drill 13/32" holes in combo bow and trailer. Fasten bracket to combo bow with screws (J) and nuts (O). Fasten brackets loosely to trailer with screws (H), washers (V) and nuts (Q).



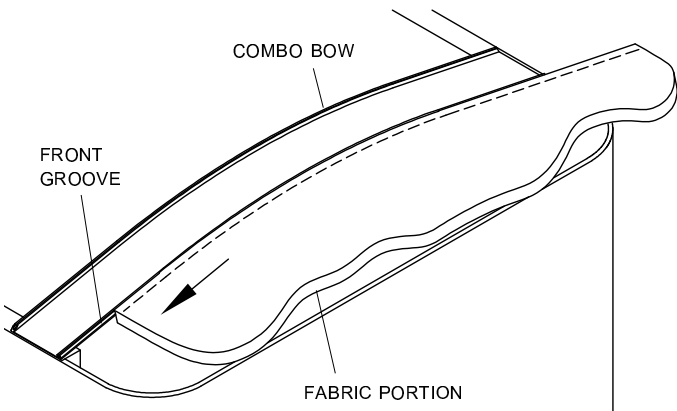
**STEP 5:** To prevent tarp wear, taper ends of rear groove on both sides of combo bow. Grind sharp edges smooth.



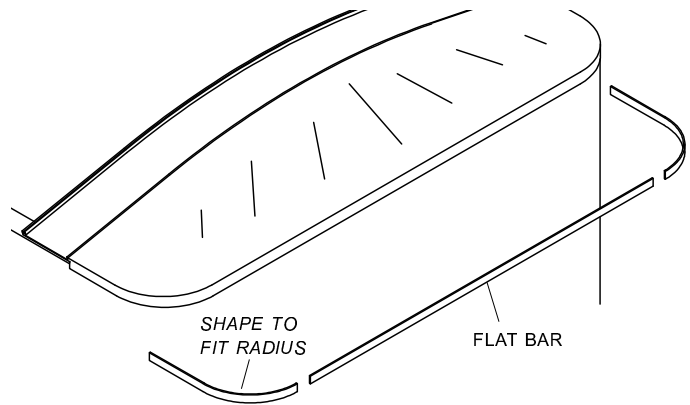
Item	Part #	Description
1.	1700581	Flat Bar - 1/8" x 1" x 103"
2.	1700990	Heavy-Duty Stretch Cord - 18"
3.	1701355	Rope Anchor
G.	1701059	Self-Tapping Screw - 5/16" x 1"
H.	1700400	Self-Tapping Screw - 3/8" x 1"
N.	1700419	Nylon Lock Nut - 5/16"



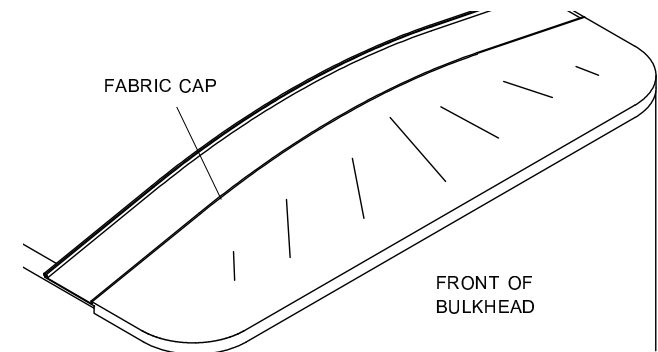
**STEP 1:** Apply small amount of lubricant to front groove on combo bow. Slide rod in fabric portion of cap entirely into groove.



**STEP 2:** Cut aluminum flat bar sections 1/2" shorter than pocket lengths. Insert sections into fabric cap pocket. Shape to fit corner radius, if applicable.



**STEP 3:** Work fabric cap over front of bulkhead. Align seam in fabric with weld along top of trailer.

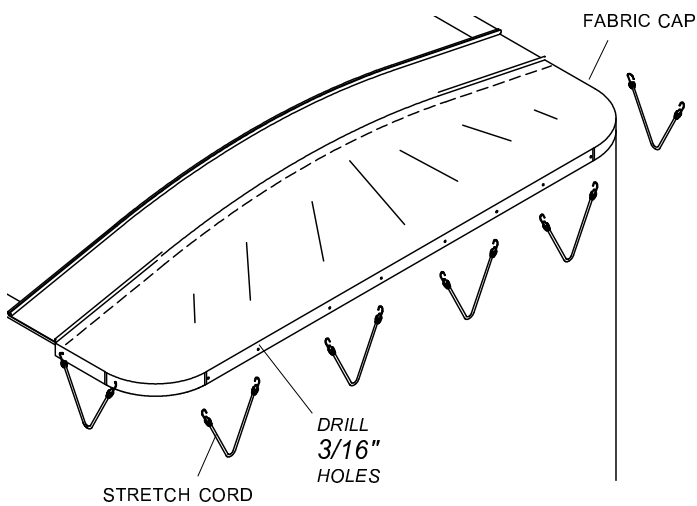


**NOTE:** Use one section of flat bar across straight portion on front of cap. Side and radius may be one section. Use as few sections as possible. Supply even tension over fabric cap for secure and clean fit.

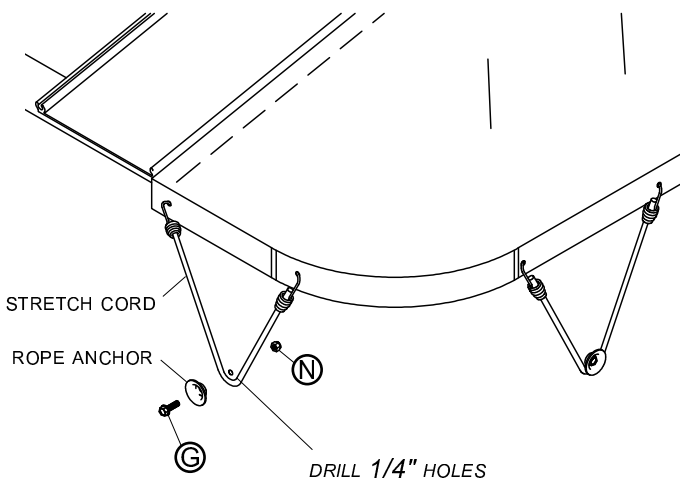


**FLAT BAR & STRETCH CORD OPTION**

**STEP 4:** Locate one stretch cord on center of each side of fabric cap. Equally space remaining stretch cords across face of cap. For each stretch cord, drill two 3/16" holes through aluminum flat bar. Hook stretch cords into holes.

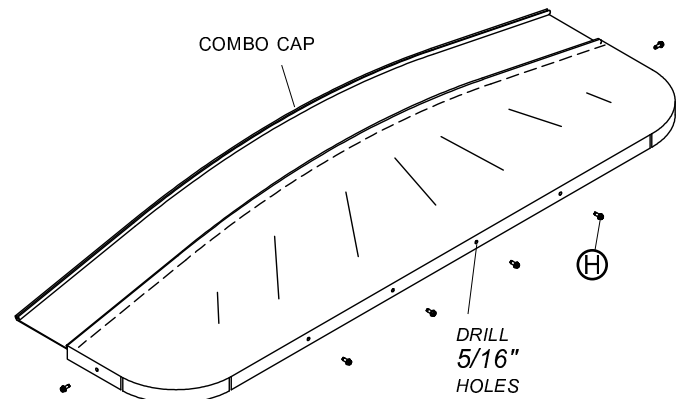


**STEP 5:** Locate rope anchors so stretch cords receive at least 10 pounds of pressure. Drill 1/4" holes and fasten rope anchors with screws **G** and nuts **N**. Hook stretch cords over rope anchors.



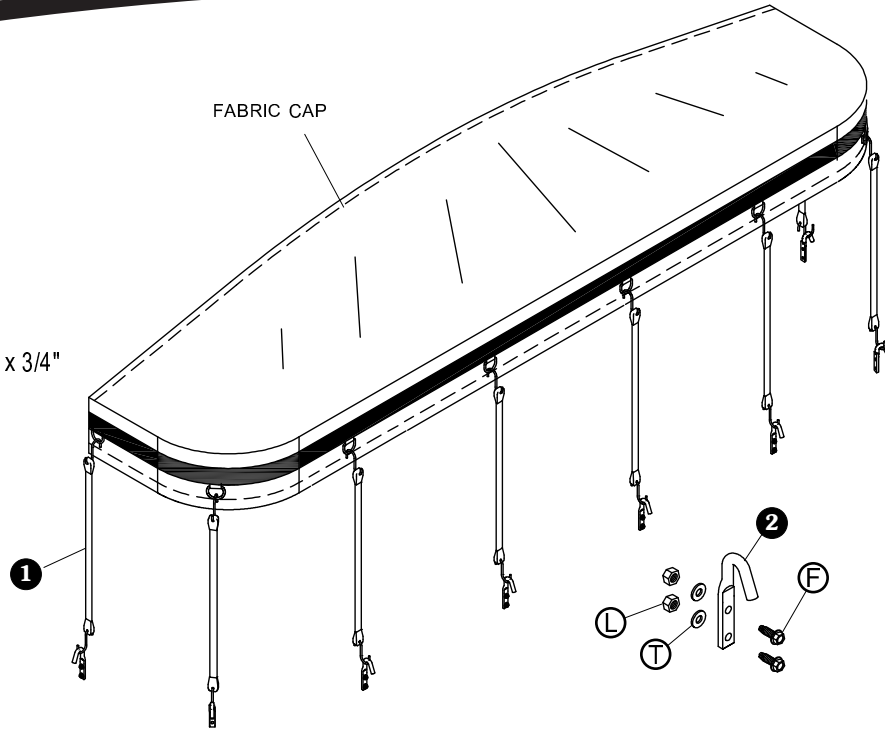
**FLAT BAR ONLY OPTION**

**STEP 4:** Drill 5/16" holes through aluminum flat bar and fasten cap to trailer with screws **H**. Install two screws **H** on each side of caps, and equally space remaining screws.

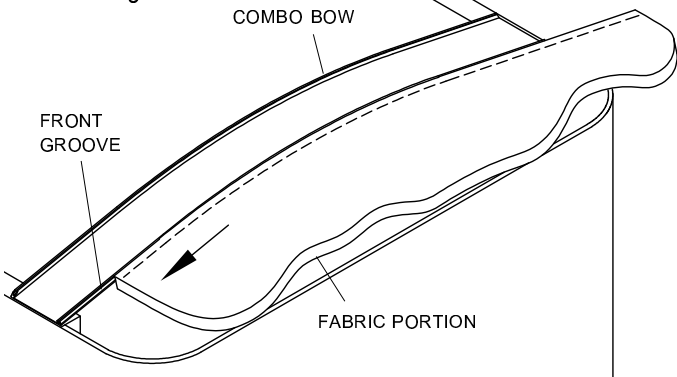


**RUBBER TARP STRAP OPTION**

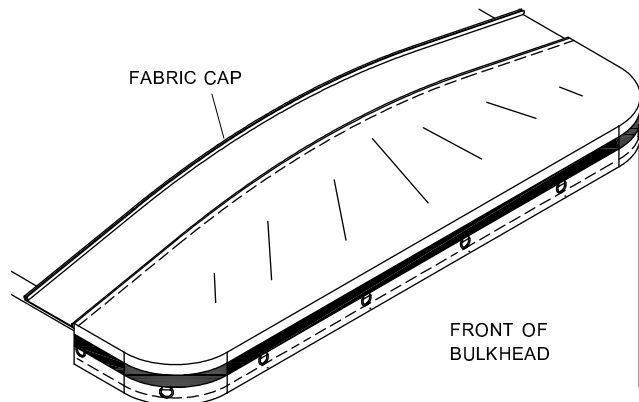
Item	Part #	Description
1.	1700650	Rubber Tarp Strap - 21"
2.	1700682	Box Hook - 5/16" Holes
F.	1700403	Self-Tapping Screw - 1/4" x 3/4"
L.	1701543	Nylon Lock Nut - 1/4"
T.	1700427	Flat Washer - 1/4"



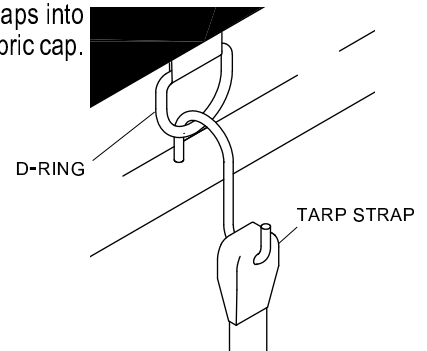
**STEP 1:** Apply small amount of lubricant to front groove on combo bow. Slide rod in fabric cap entirely into groove.



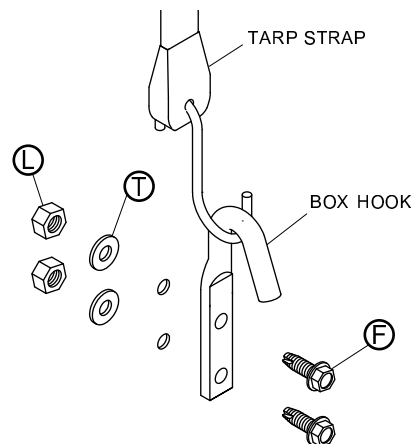
**STEP 2:** Work fabric cap over front of bulkhead. Align seam in fabric with weld along top of trailer.

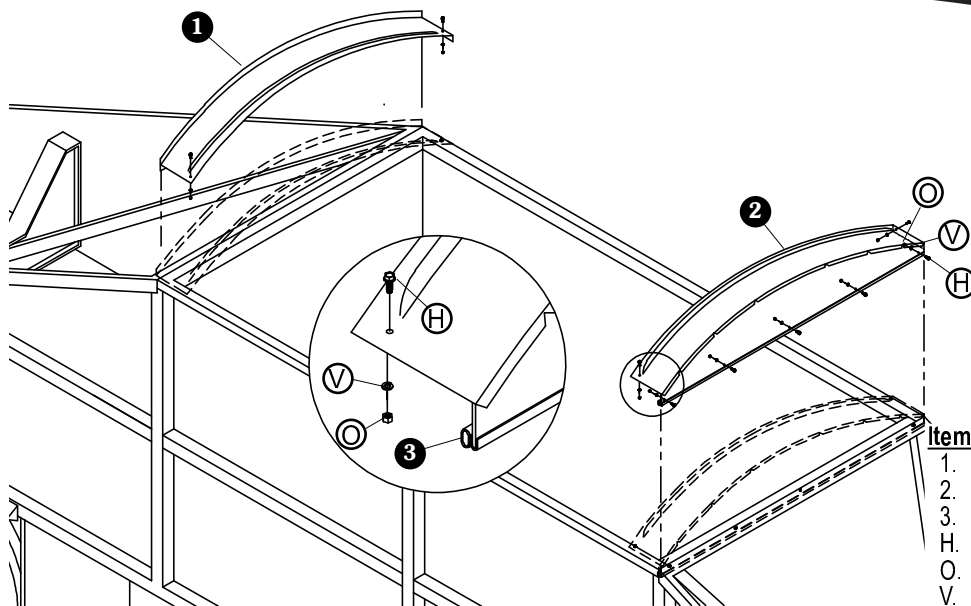


**STEP 3:** Hook tarp straps into D-rings on fabric cap.



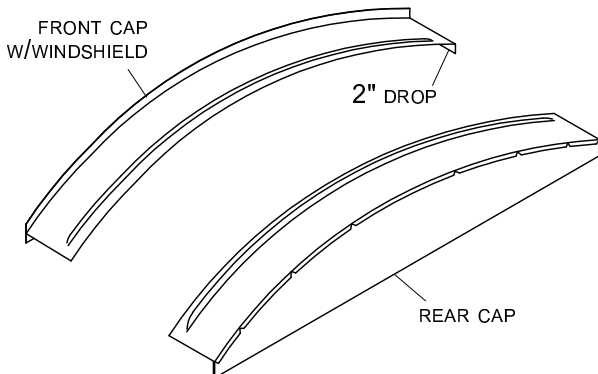
**STEP 4:** Locate box hooks so tarp straps receive at least 10 pounds of pressure. Drill 1/4" holes and fasten box hooks with screws F, washers T and nuts L. Hook tarp straps into box hooks.





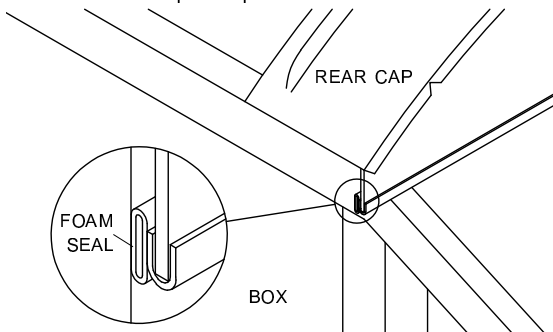
Item	Part #	Description
1.		Aluminum Front Cap
2.		Aluminum Back Cap
3.	1700152	Trim Seal
H.	1700400	Self-Tapping Screw - 3/8" x 1"
O.	1700407	Hex Nut - 3/8"
V.	1700434	Lock Washer - 3/8"

**STEP 1: Modify caps to fit.** Place front cap with windshield on front of box. Place rear cap on rear of box. Modify caps to fit your box, if required.

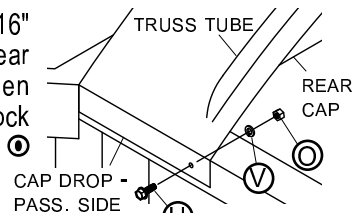


**NOTE:** To install your tarp to open from passenger side of trailer (reverse roll), remove 2" cap drop on passenger side of caps prior to installation.

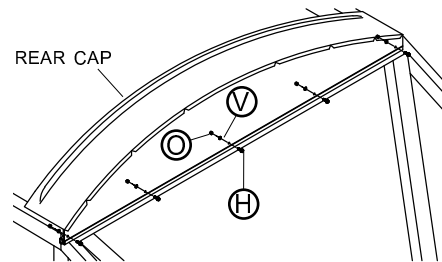
**STEP 2: Trim seal.** Apply trim seal to caps, placing foam seal on inside. Tap into place.



**STEP 3: Install caps.** Drill 5/16" hole on cap drop near truss tube and fasten with screw **H**. Use lock washer **V** and nut **O** where possible.

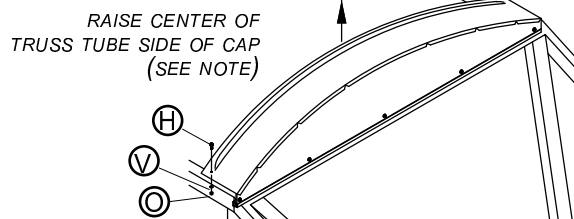


**STEP 4:** Evenly space five screws across face of cap. Mark and drill 5/16" holes and fasten with screws **H**. Use lock washers **V** and nuts **O** where possible.

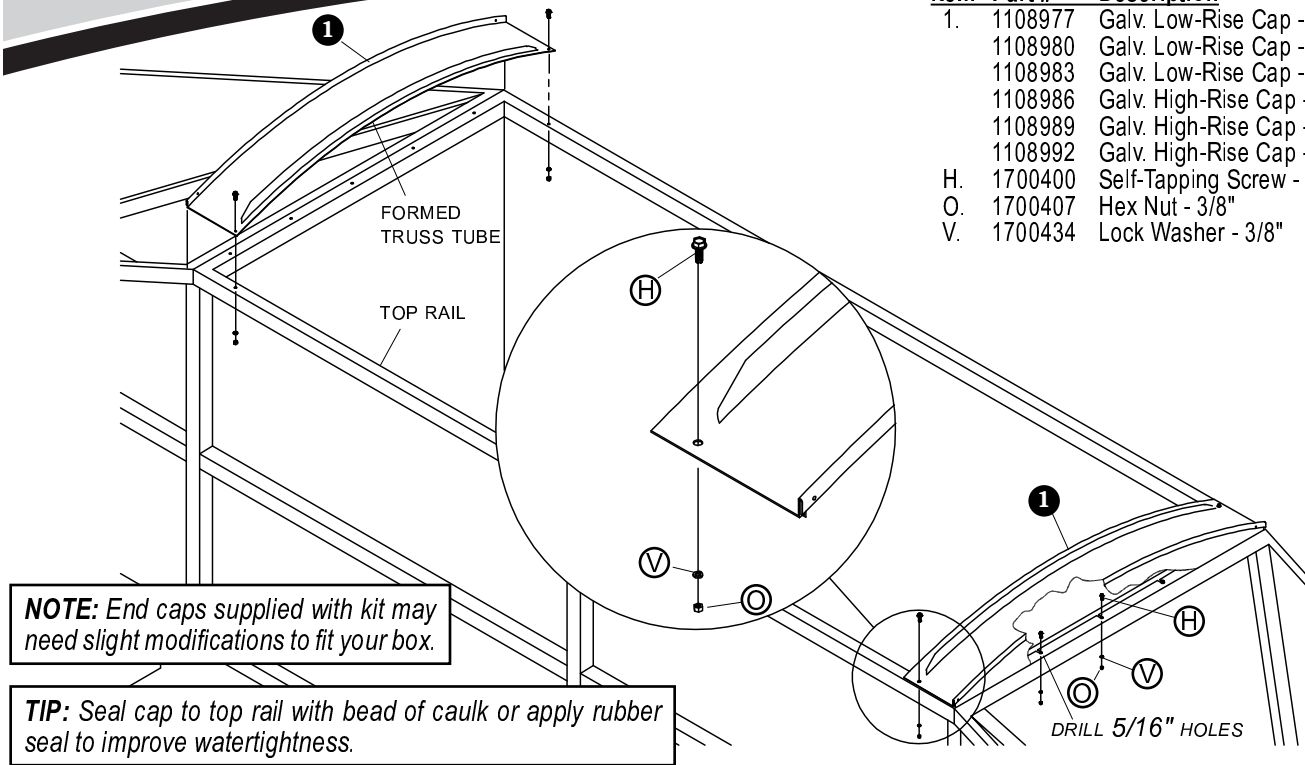


**NOTE:** For optimal water runoff and tarp support, make sure end caps are level before fastening sides of caps to box. While fastening sides of caps to box, raise center of truss tube side of cap to be level with or slightly higher than outside edge.

**STEP 5:** Drill 5/16" hole through driver side of cap and rail as close as possible to truss tube. Fasten with screw **H**. Use lock washer **V** and nut **O** where possible.



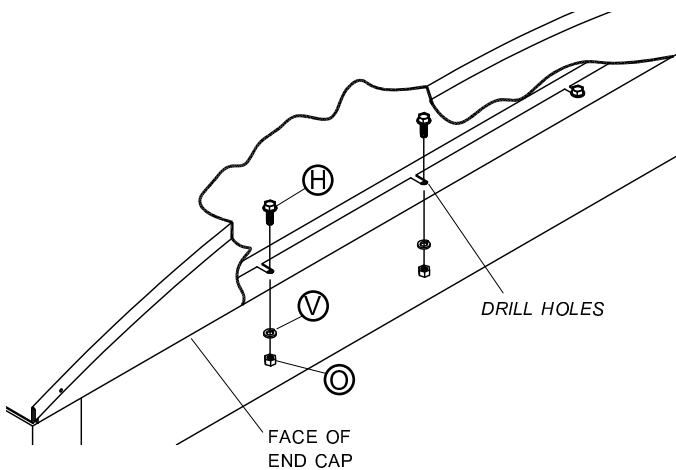
Item	Part #	Description
1.	1108977	Galv. Low-Rise Cap - 93"
	1108980	Galv. Low-Rise Cap - 95"
	1108983	Galv. Low-Rise Cap - 100"
	1108986	Galv. High-Rise Cap - 93"
	1108989	Galv. High-Rise Cap - 95"
	1108992	Galv. High-Rise Cap - 100"
H.	1700400	Self-Tapping Screw - 3/8" x 1"
O.	1700407	Hex Nut - 3/8"
V.	1700434	Lock Washer - 3/8"



**NOTE:** End caps supplied with kit may need slight modifications to fit your box.

**TIP:** Seal cap to top rail with bead of caulk or apply rubber seal to improve watertightness.

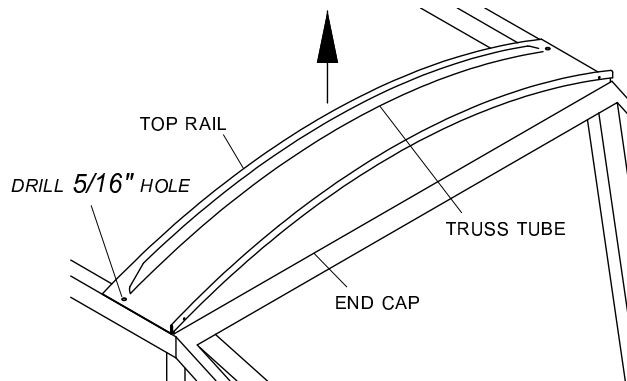
**STEP 1:** Center end cap on box and mark hole locations on top rail, aligning hole locations with slots in cap.



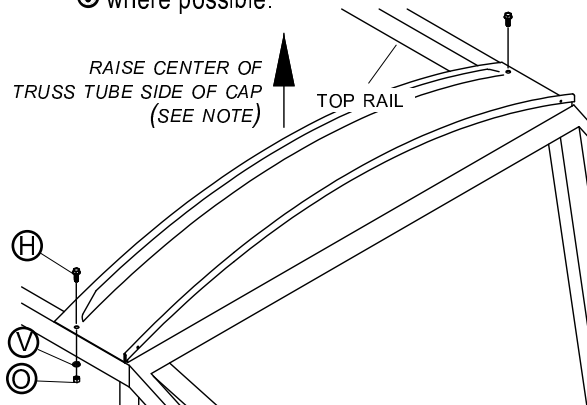
**STEP 2:** Drill 5/16" holes into marked locations on top rail and fasten with screws H. Use lock washers V and nuts O where possible.

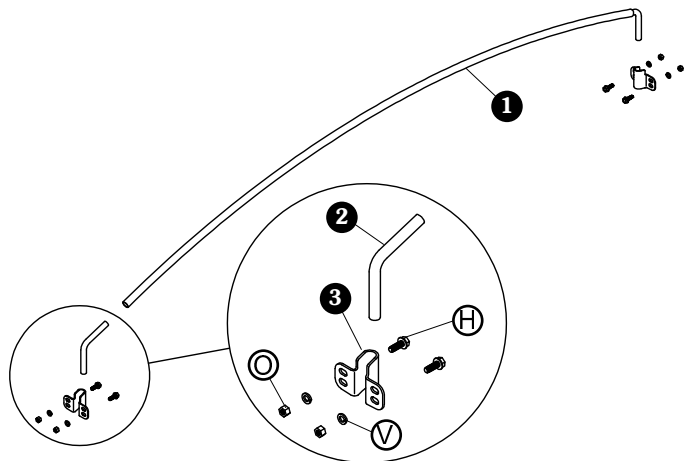
**NOTE:** For optimal water runoff and tarp support, make sure end caps are level before fastening sides of caps to box. While fastening sides of caps to box, raise center of truss tube side of cap to be level with or slightly higher than outside edge.

**STEP 3:** Drill two 5/16" holes, as close as possible to truss tube, through cap and into top rail.



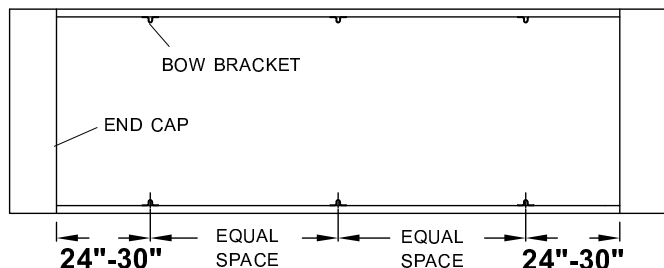
**STEP 4:** Fasten with screws H. Use lock washers V and nuts O where possible.





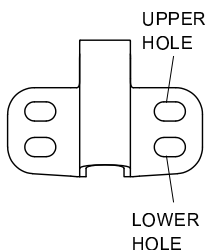
Item	Part #	Description
1.	1100760	Standard Low-Rise Bow
	1100762	Standard High-Rise Bow
	1109149	Standard Flat Bow
2.	1100695	Standard Low-Rise Bow Shank
	1106925	Standard High-Rise Bow Shank
	1109150	Standard Flat Bow Shank
3.	1120836	Single Bow Bracket
H.	1700400	Self-Tapping Screw - 3/8" x 1"
O.	1700407	Hex Nut - 3/8"
V.	1700434	Lock Washer - 3/8"

**STEP 1:** Mark bow bracket locations on top rails between end caps as shown.

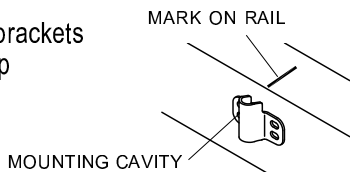


**STEP 2:** 1 1/2" to 3" wide rails. Position single bow brackets with long side up and fasten through upper holes.

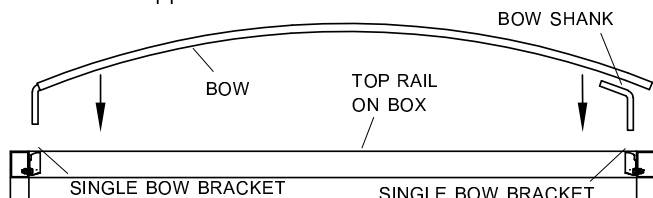
3" to 6" wide rails. Position single bow brackets with long side up and fasten through lower holes.



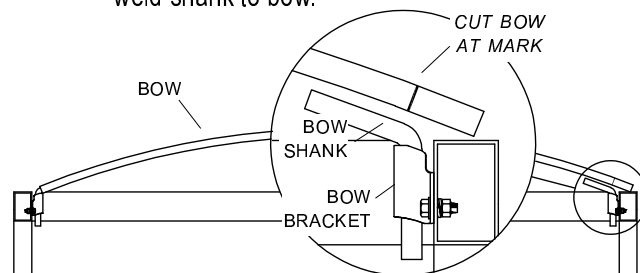
**STEP 3:** Align center of brackets with mark. Clamp brackets to rails.



**STEP 4:** Place bow into bow bracket. Place loose bow shank in opposite bow bracket.

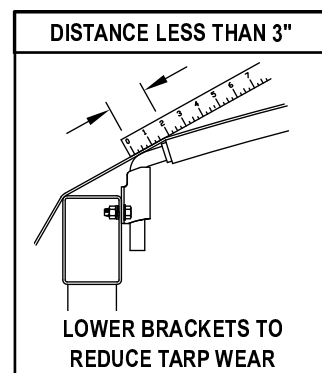
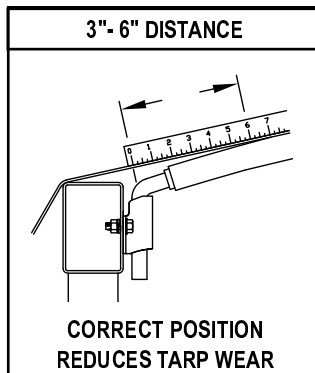


**STEP 5:** Align bow with bow shank. Mark and cut bow at point where bend starts on shank. Grind edges smooth and weld shank to bow.

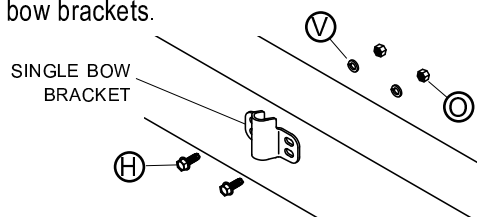


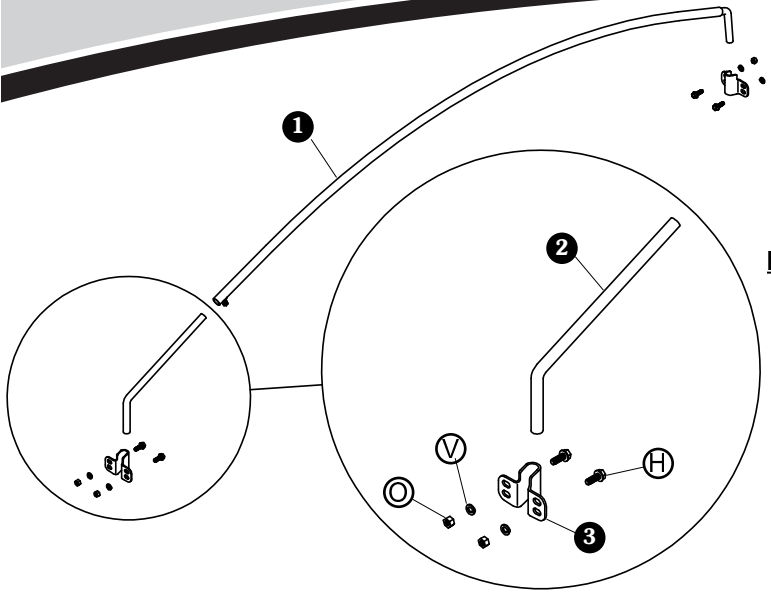
**NOTE:** Shanks must be welded to bows.

**STEP 6:** Adjust bow brackets vertically to create a distance of 3" to 6" between bend in bow shank and point where tarp will contact bow.



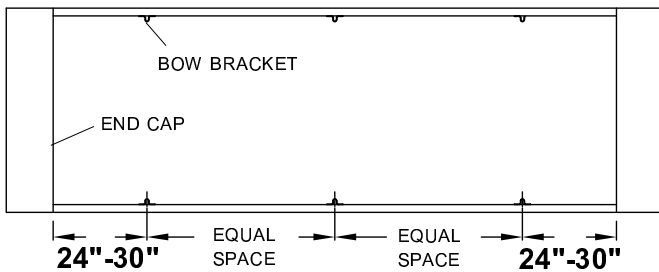
**STEP 7:** Mark and drill 5/16" holes. Mount brackets with screws (H), washers (V) and nuts (O). Install bows into bow brackets.



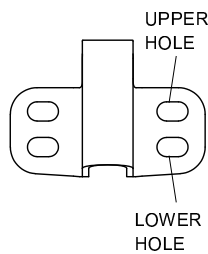


Item	Part #	Description
1.	1122759	Adjustable Bow - 8" Rise - 84" to 92" - Inside
	1122627	Adjustable Bow - 10" Rise - 84" to 92" - Inside
	1122818	Adjustable Bow - 8" Rise - 93" to 101" - Inside
	1122819	Adjustable Bow - 10" Rise - 93" to 101" - Inside
	1122820	Adjustable Bow - 12" Rise - 93" to 101" - Inside
2.	1122821	Adjustable Bow Shank - 108°
	1122626	Adjustable Bow Shank - 114°
	1122822	Adjustable Bow Shank - 117°
3.	1120836	Single Bow Bracket
H.	1700400	Self-Tapping Screw - 3/8" x 1"
O.	1700407	Hex Nut - 3/8"
V.	1700434	Lock Washer - 3/8"

**STEP 1:** Mark bow bracket locations on top rails between end caps as shown.

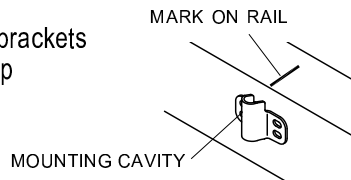


**STEP 2:** 1 1/2" to 3" wide rails. Position single bow brackets with long side up and fasten through upper holes.

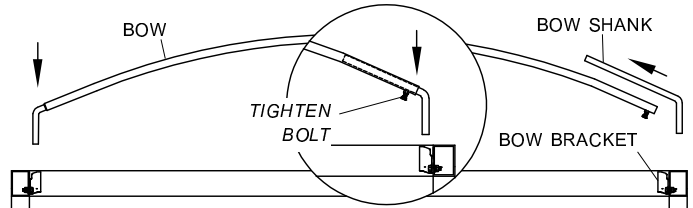


3" to 6" wide rails. Position single bow brackets with long side up and fasten through lower holes.

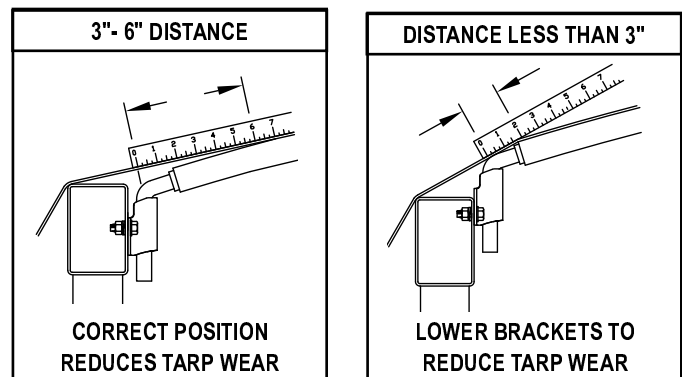
**STEP 3:** Align center of brackets with mark. Clamp brackets to rails.



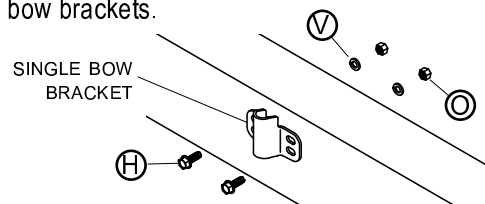
**STEP 4:** Place adjustable bow into bow bracket. Insert adjustable bow shank into open end of bow. Slide loose end of shank into bow bracket. Tighten 5/16" bolt against shank to secure shank in place.

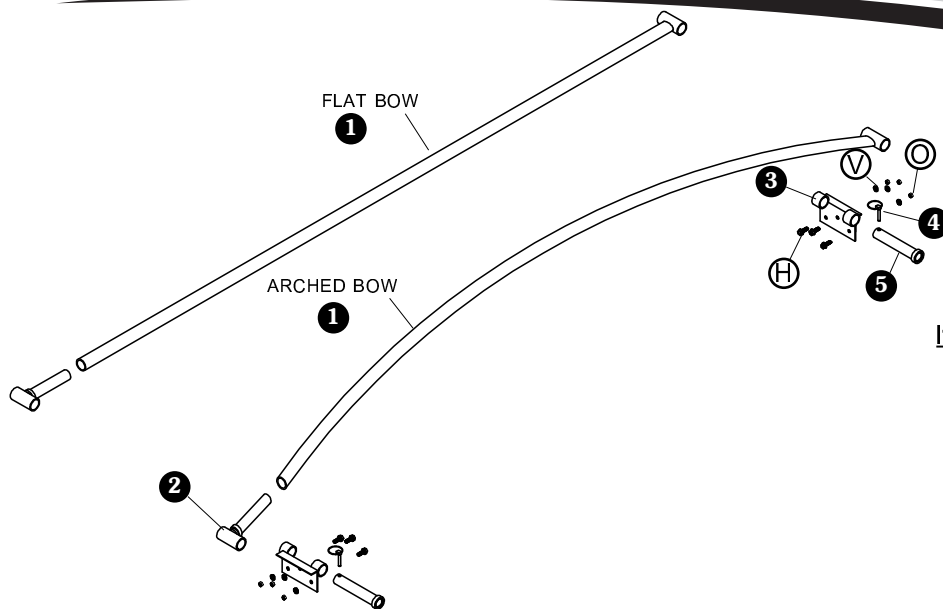


**STEP 5:** Adjust bow brackets vertically to create a distance of 3" to 6" between bend in bow shank and point where tarp will contact bow.



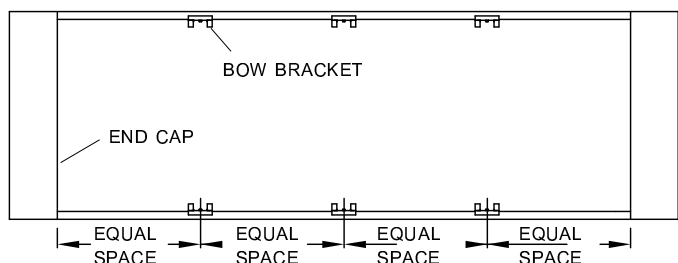
**STEP 6:** Mark and drill 5/16" holes. Mount brackets with screws (H), washers (V) and nuts (O). Install bows into bow brackets.



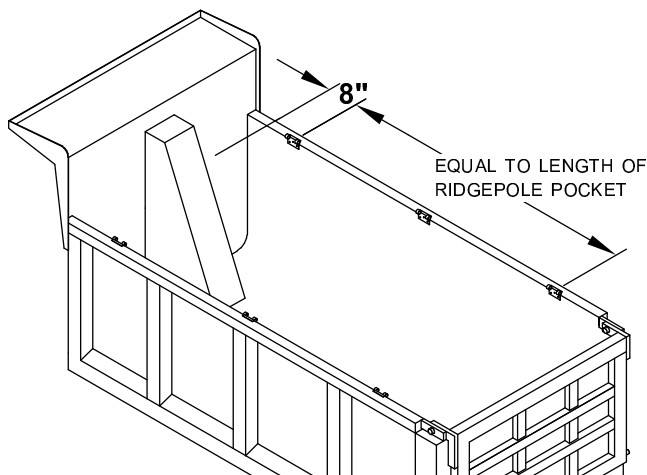


Item	Part #	Description
1.	1112669	Heavy-Duty Flat Bow
	1106612	Heavy-Duty Low-Rise Bow
	1101927	Heavy-Duty High-Rise Bow
2.	1104706	Heavy-Duty Bow Shank
3.	1106614	Heavy-Duty Bow Bracket
4.	1701098	Lynch Pin
5.	1104123	Heavy-Duty Bow Pin
H.	1700400	Self-Tapping Screw - 3/8" x 1"
O.	1700407	Hex Nut - 3/8"
V.	1700434	Lock Washer - 3/8"

**STEP 1A: End dumps and belly dumps.** Equally space bow brackets on box, aligning brackets on opposite sides of box.

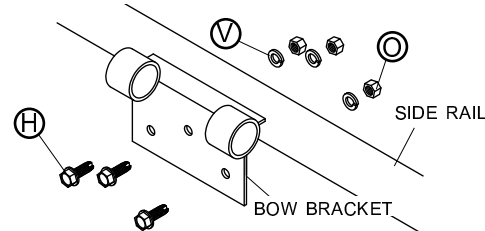


**STEP 1B: Dump bodies.** Locate front bow brackets 8" behind any obstruction, such as cab shield, dog house or plank gussets. Equally space remaining bow brackets on box, aligning brackets on opposite sides.

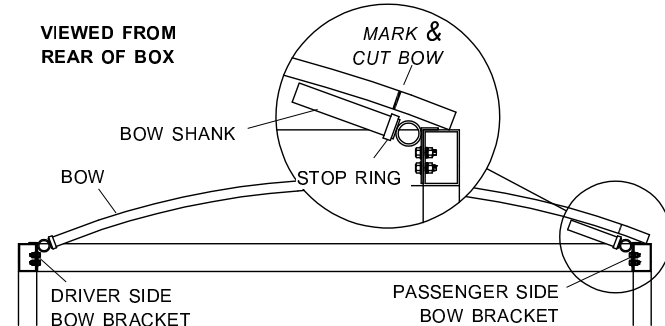


**NOTE:** If kit uses ridgepole, measure length of ridgepole pocket on tarp. Distance between front and rear bow brackets should be equal to that length.

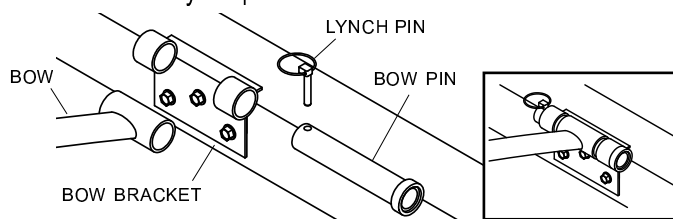
**STEP 2:** Mark and drill 5/16" holes, secure brackets with screws **H**, washers **V** and nuts **O**.

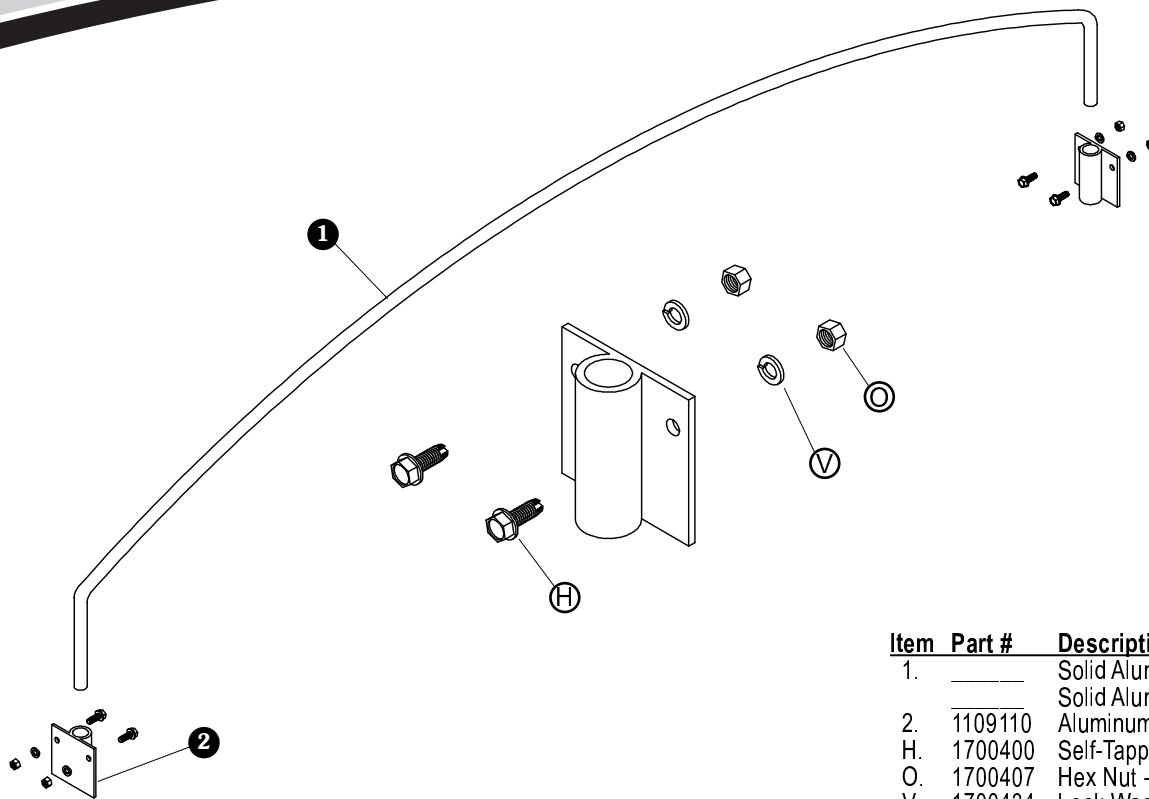


**STEP 3:** Insert bow shank into driver side bow bracket and align bow with passenger side bow bracket. Align bow with bow shank and mark point where bow meets stop ring. Remove and cut bow at marked location. Grind edges smooth and insert bow shank into bow. Do not weld shank to bow.



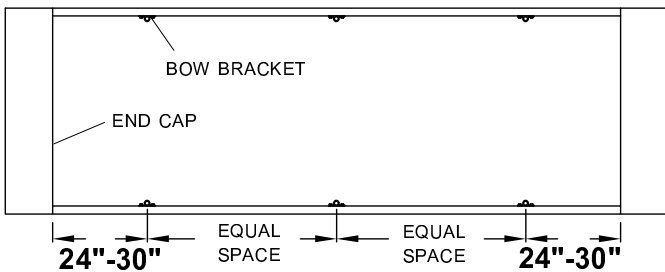
**STEP 4:** Fasten bow into bow brackets with bow pins. Secure with lynch pins.



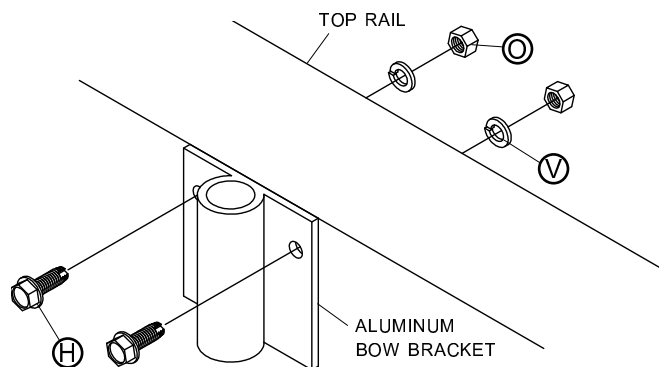


Item	Part #	Description
1.		Solid Aluminum Low-Rise Bow
		Solid Aluminum High-Rise Bow
2.	1109110	Aluminum Bow Bracket
H.	1700400	Self-Tapping Screw - 3/8" x 1"
O.	1700407	Hex Nut - 3/8"
V.	1700434	Lock Washer - 3/8"

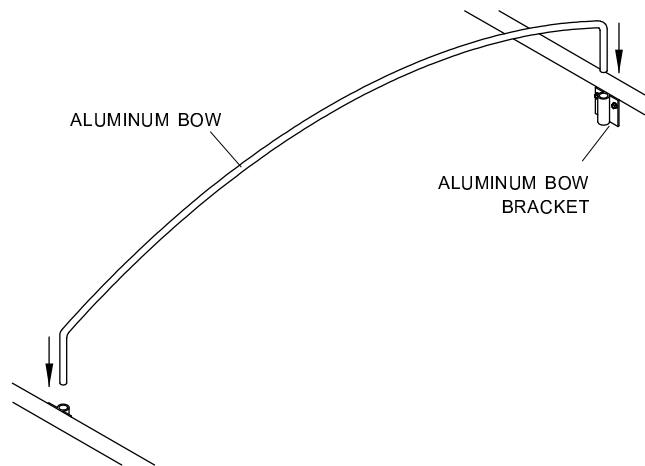
**STEP 1:** Equally space bow brackets on box, aligning brackets straight across trailer.



**STEP 2:** Align top edge of brackets with top edge of rail. Mark and drill 5/16" holes. Secure brackets with screws (H), washers (V) and nuts (O).

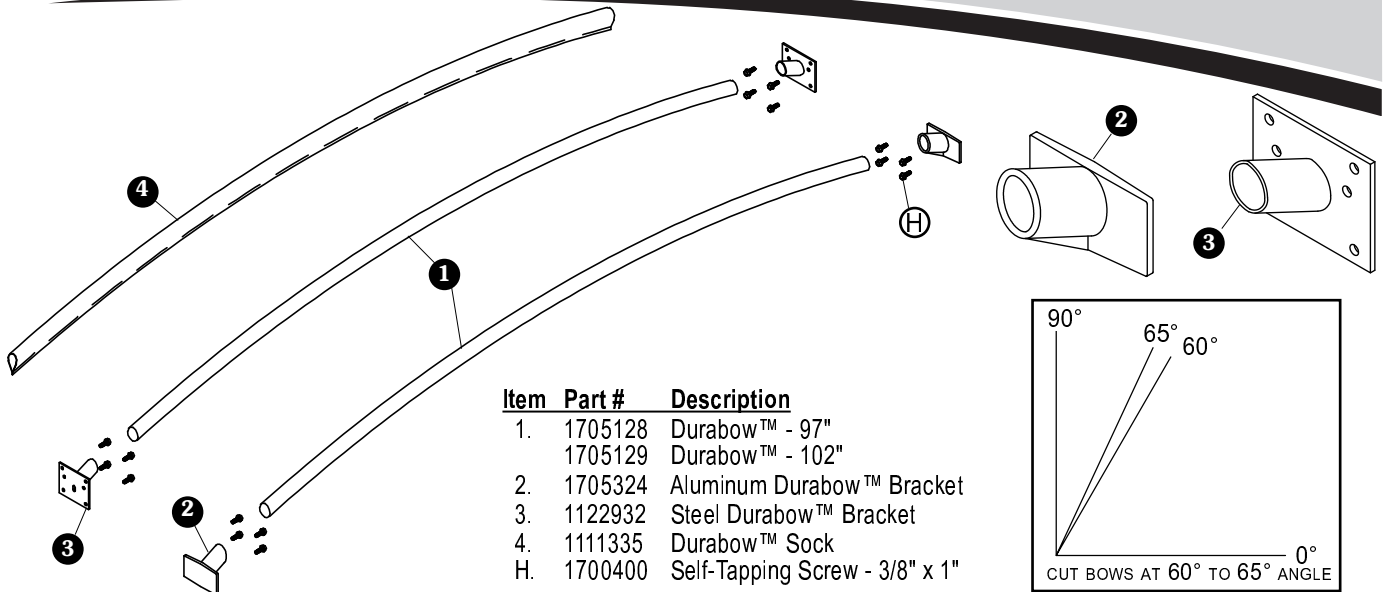


**STEP 3:** Insert bows into bow brackets.

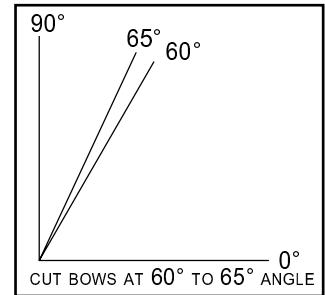


**NOTE:** Be sure of exact inside box width when ordering solid aluminum bows. Bows cannot be cut to length. Bow width may vary from front to back.

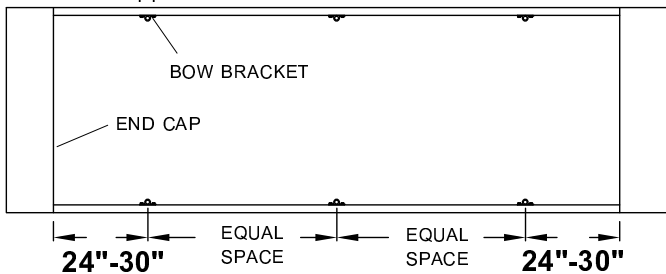




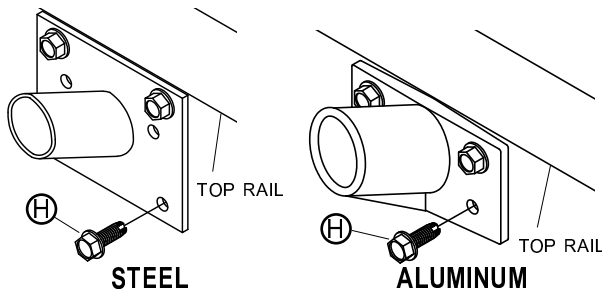
Item	Part #	Description
1.	1705128	Durabow™ - 97"
	1705129	Durabow™ - 102"
2.	1705324	Aluminum Durabow™ Bracket
3.	1122932	Steel Durabow™ Bracket
4.	1111335	Durabow™ Sock
H.	1700400	Self-Tapping Screw - 3/8" x 1"



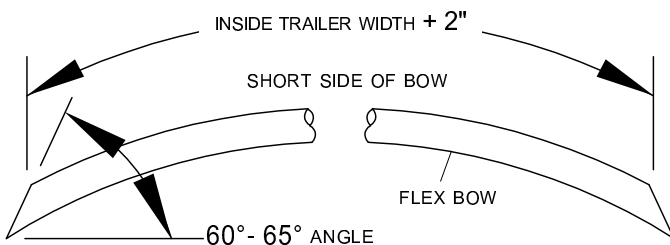
**STEP 1:** Equally space bow brackets, aligning brackets on opposite sides of box.



**STEP 2:** Align bow brackets flush with top rail. Mark and drill 5/16" holes and secure brackets with screws (H).



**STEP 2:** Cut bow ends at 60° to 65° angle. Cut short side of bows 2" longer than inside trailer width to obtain 10" to 12" arch.

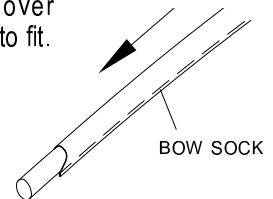


**Example:** If trailer width is 90" inside to inside, cut short side of bow 92" long.

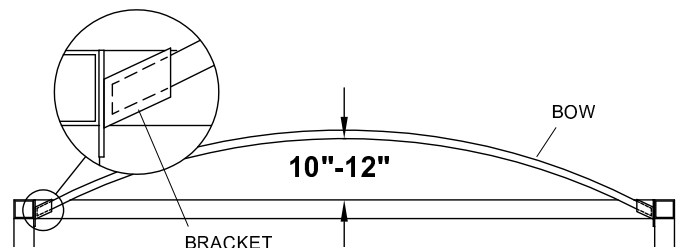
**NOTE:** Warranty will be void if bow ends are not cut at 60° to 65° angle.

**NOTE:** To maintain consistent 10" to 12" bow arch, it is important to measure trailer width at each bow location because widths may vary from front to back.

**STEP 4:** Slide bow sock over Flexbow® and trim to fit.

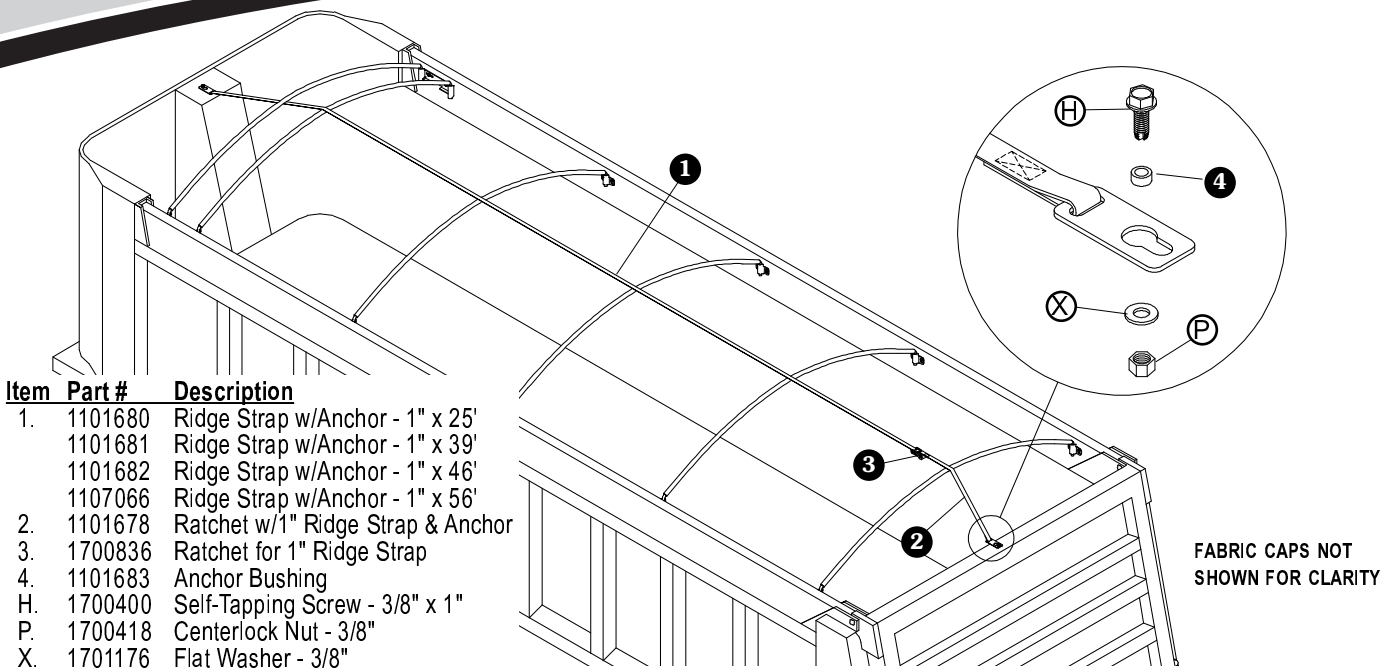


**STEP 5:** Insert bows into brackets.



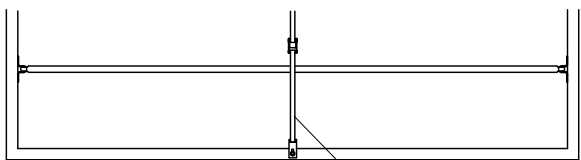
**CAUTION**  
Stay clear of top side of bow. Bows could release and spring upward.

**NOTE:** Brackets may be welded instead of bolted into place. Consult trailer manufacturer for recommended welding procedure.



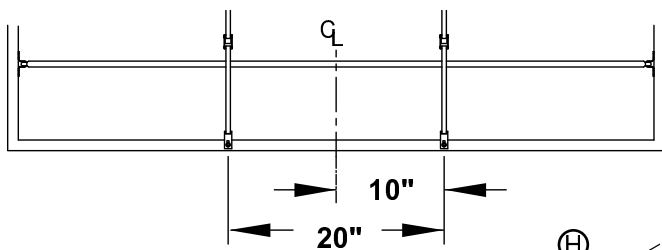
Item	Part #	Description
1.	1101680	Ridge Strap w/Anchor - 1" x 25'
	1101681	Ridge Strap w/Anchor - 1" x 39'
	1101682	Ridge Strap w/Anchor - 1" x 46'
	1107066	Ridge Strap w/Anchor - 1" x 56'
2.	1101678	Ratchet w/1" Ridge Strap & Anchor
3.	1700836	Ratchet for 1" Ridge Strap
4.	1101683	Anchor Bushing
H.	1700400	Self-Tapping Screw - 3/8" x 1"
P.	1700418	Centerlock Nut - 3/8"
X.	1701176	Flat Washer - 3/8"

**STEP 1A:** One ridge strap. Mark and drill holes at center of front and back top rails on box.

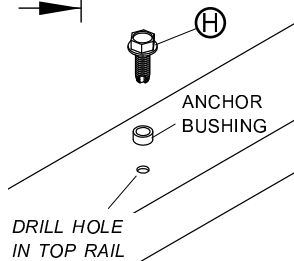


CENTER SINGLE RIDGE STRAP ON BOX

**STEP 1B:** Two ridge straps. Mark and drill holes 10" from each side of center of front and rear top rails.

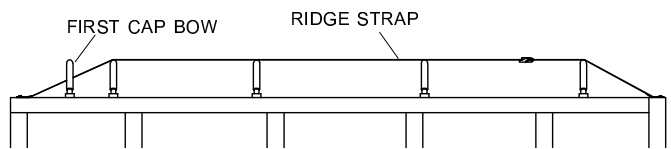


**NOTE:** Use washers and nuts where needed, drilling 13/32" holes. If using self-tapping screws, drill 5/16" holes.

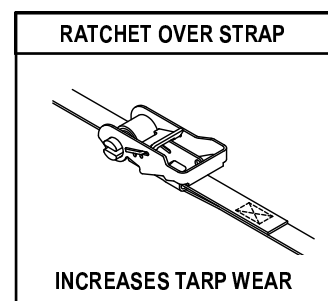
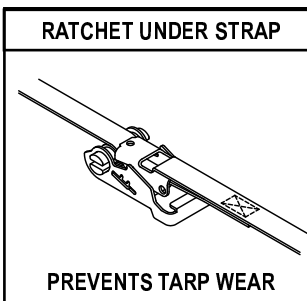
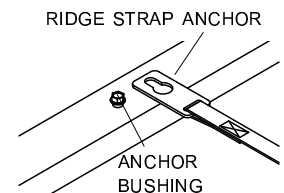


**STEP 2:** Mount anchor bushings with screws H, washers X and nuts P.

**STEP 3:** Install ridge strap under first cap bow, through slot in fabric cap and over remaining bows.

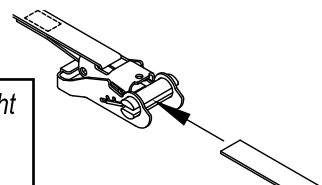


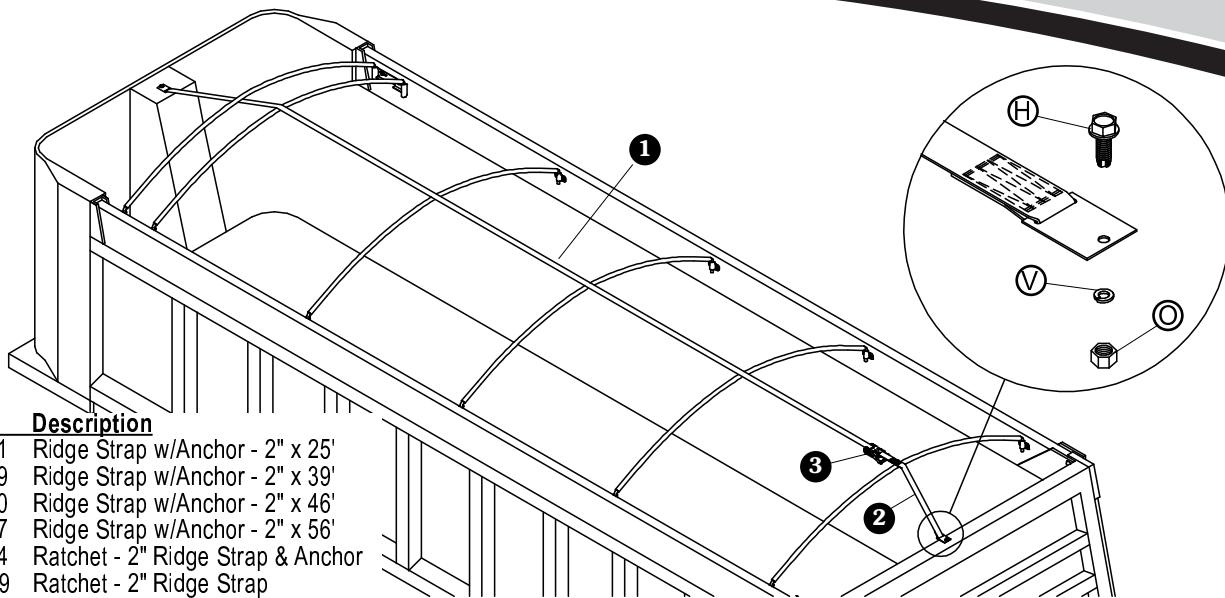
**STEP 4:** Hook ridge strap anchors on anchor bushings on front and rear top rails. Position ratchet under strap to prevent tarp wear.



**STEP 5:** Thread strap through ratchet and tighten.

**NOTE:** Keep ridge straps tight for adequate tarp support. Check tension regularly.

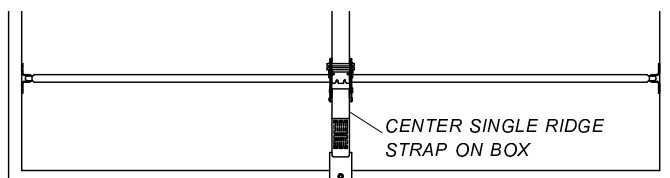




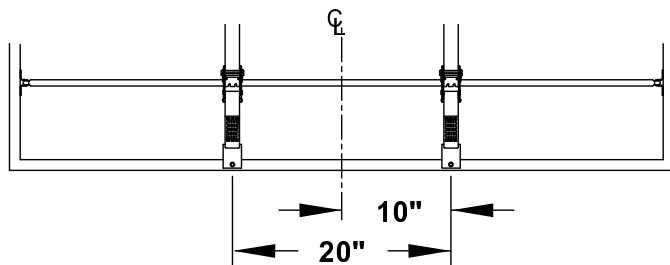
Item	Part #	Description
1.	1100571	Ridge Strap w/Anchor - 2" x 25'
	1100579	Ridge Strap w/Anchor - 2" x 39'
	1100580	Ridge Strap w/Anchor - 2" x 46'
	1107067	Ridge Strap w/Anchor - 2" x 56'
2.	1100594	Ratchet - 2" Ridge Strap & Anchor
3.	1700519	Ratchet - 2" Ridge Strap
H.	1700400	Self-Tapping Screw - 3/8" x 1"
O.	1700407	Hex Nut - 3/8"
V.	1700434	Lock Washer - 3/8"

FABRIC CAPS NOT SHOWN FOR CLARITY

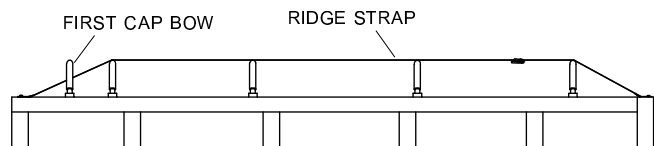
**STEP1A: One ridge strap.** Mark and drill holes at center of front and back top rails on box.



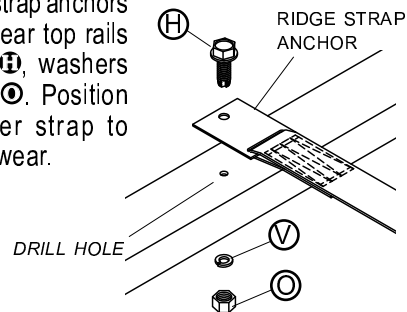
**STEP 1B: Two ridge straps.** Mark and drill holes 10" from each side of center of front and rear top rails.



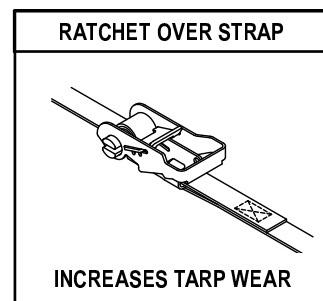
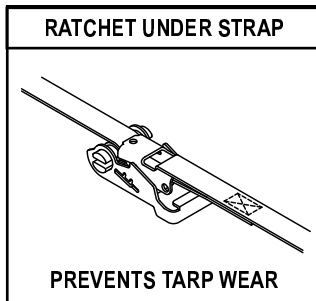
**STEP 2:** Install ridge strap under first cap bow, through slot in fabric cap and over remaining bows.



**STEP 3:** Fasten ridge strap anchors to front and rear top rails with screws **H**, washers **V** and nuts **O**. Position ratchet under strap to prevent tarp wear.

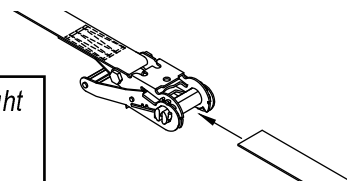


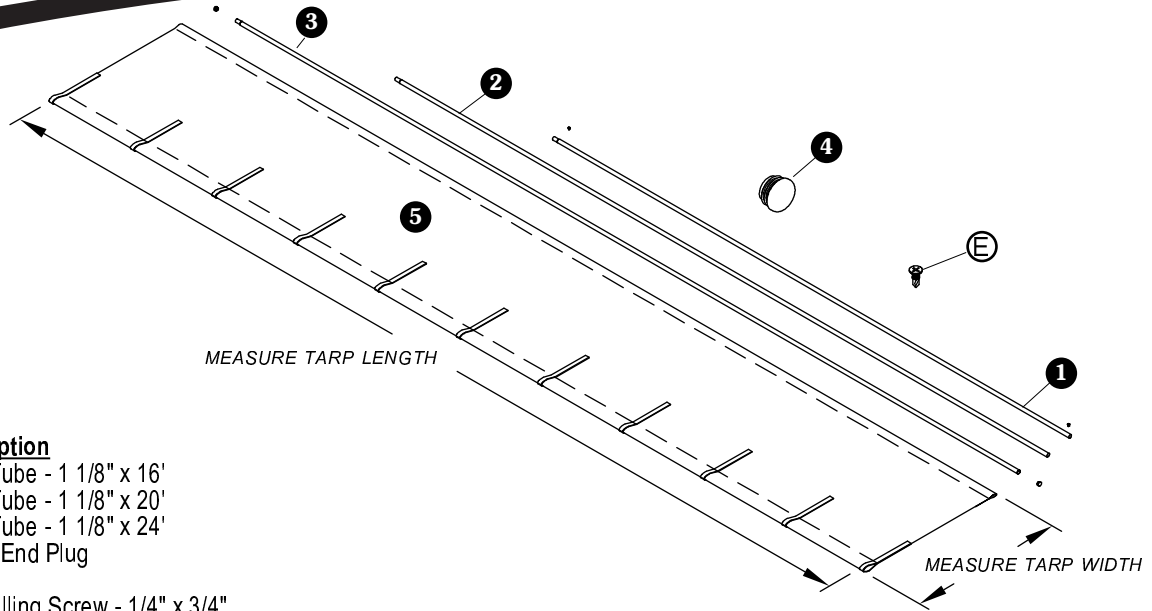
**NOTE:** Use washers and nuts where needed and drill 13/32" holes. If using self-tapping screws only, drill 5/16" holes.



**STEP 4:** Thread strap through ratchet and tighten.

**NOTE:** Keep ridge straps tight for adequate tarp support. Check tension regularly.



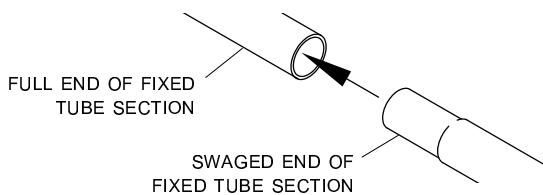


Item	Part #	Description
1.	1700051	Fixed Tube - 1 1/8" x 16'
2.	1700049	Fixed Tube - 1 1/8" x 20'
3.	1701428	Fixed Tube - 1 1/8" x 24'
4.	1700523	Plastic End Plug
5.		Tarp
E.	1704768	Self-Drilling Screw - 1/4" x 3/4"

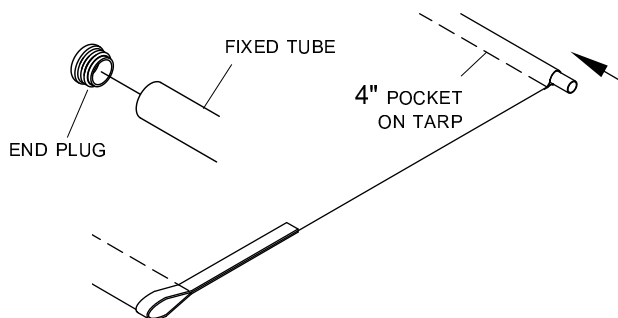
**STEP 1:** Open tarp and stretch tight. Measure tarp length and compare with tarp length specified on sheet attached to tarp. Do not proceed with installation if tarp length doesn't match length specified on sheet. Call Shur-Co® or your local dealer for alterations or a replacement tarp.

**NOTE:** Tarps cannot be returned at Shur-Co's expense beyond this point. Tarps damaged beyond this point may be returned for repair or replacement at owner's expense.

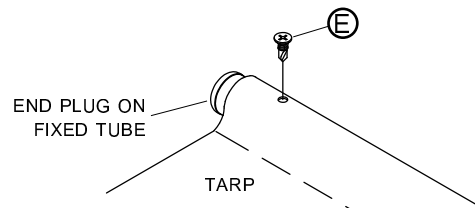
**STEP 2:** For boxes over 24', insert swaged end of fixed tube section into full end of second tube section. Align tubes, weld and grind smooth.



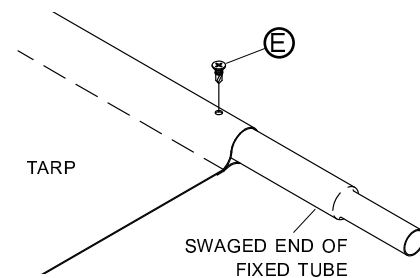
**STEP 3:** Install end plug into full end of tube weldment. Insert tube, end plug first, into 4" pocket on tarp.



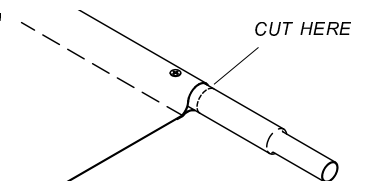
**STEP 4:** Extend fixed tube 1/4" past tarp edge and secure with screw E.



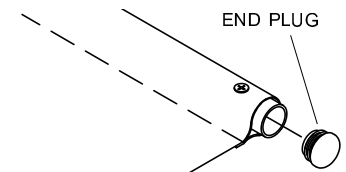
**STEP 5:** Stretch tarp along fixed tube and secure second screw.

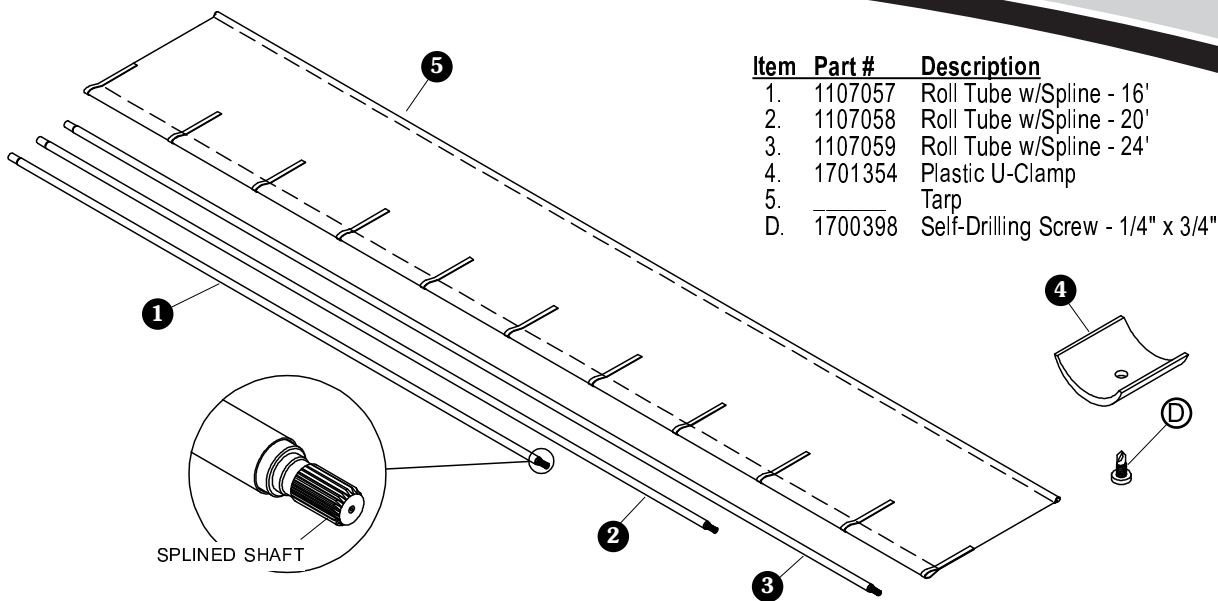


**STEP 6:** Cut fixed tube 1/4" past edge of tarp, removing swaged end. Grind smooth.



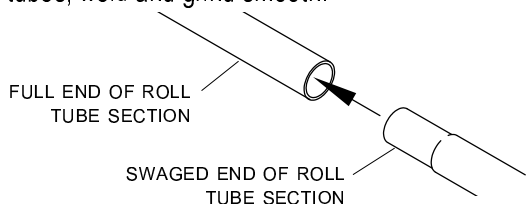
**STEP 7:** Insert end plug.





Item	Part #	Description
1.	1107057	Roll Tube w/Spline - 16'
2.	1107058	Roll Tube w/Spline - 20'
3.	1107059	Roll Tube w/Spline - 24'
4.	1701354	Plastic U-Clamp
5.		Tarp
D.	1700398	Self-Drilling Screw - 1/4" x 3/4"

**STEP 1:** For box lengths over 24', insert swaged end of roll tube section into full end of second tube section. Align tubes, weld and grind smooth.



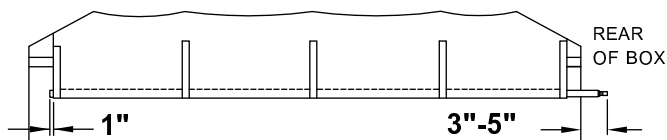
**STEP 2:** Cut roll tube 8" longer than tarp (14" if using fabric caps), removing swaged end. Grind edges smooth, then insert roll tube into 5" tarp pocket, locating splined shaft at rear of tarp/trailer.



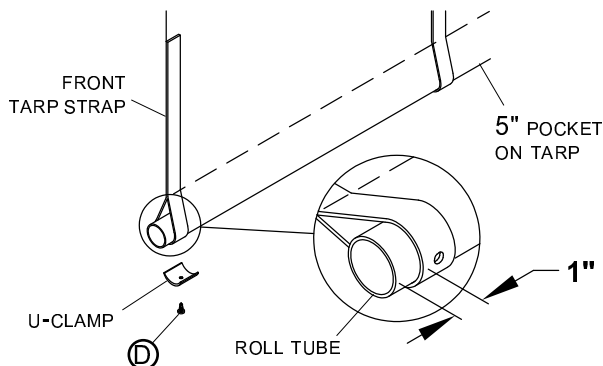
**TIP -** Inflate 5" tarp pocket with air chuck while inserting roll tube.

**STEP 3:** Center tarp on box and secure tarp to box with tarp stops. See page 18 to install standard tarp stops or page 19 to install easy-off tarp stops.

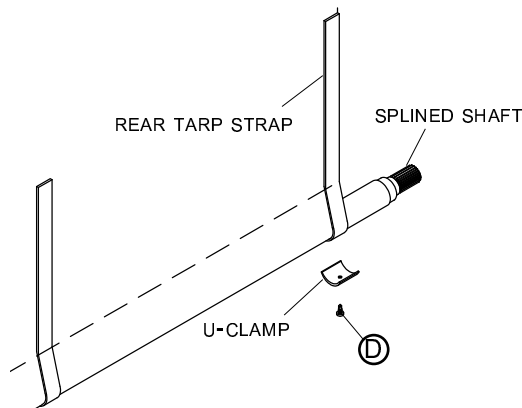
**STEP 4:** Align roll tube to extend 1" past front of tarp. Splined shaft must extend 3" to 5" beyond rear of box.



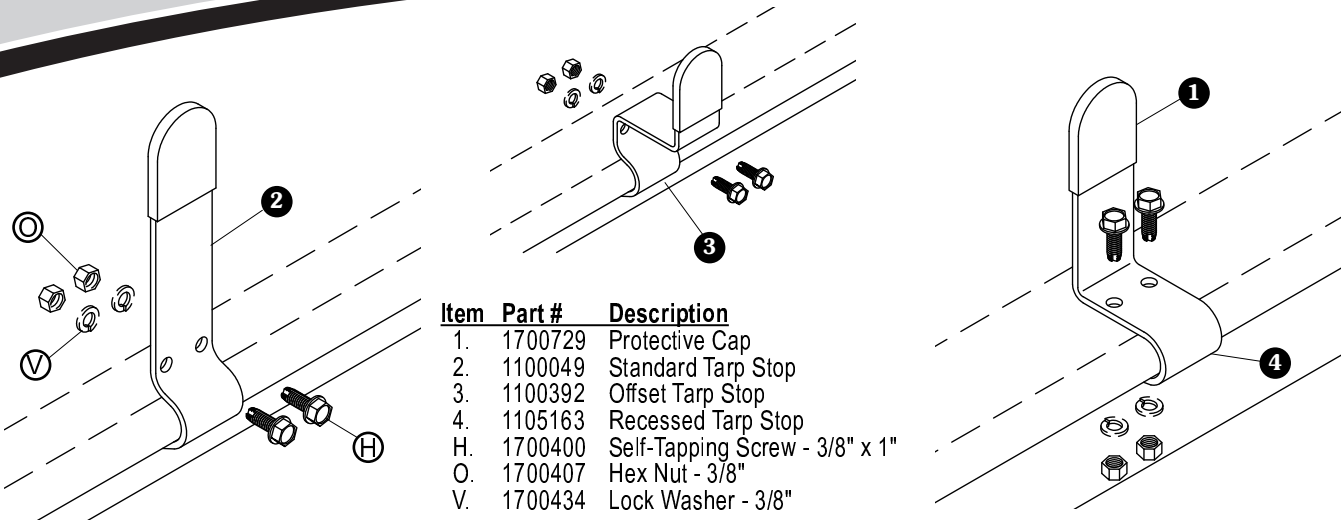
**STEP 5:** Center first U-clamp on front tarp strap, positioning screw D on crease at bottom of tarp pocket. Fasten U-clamp with screw D.



**STEP 6:** Stretch tarp along roll tube so tarp is square. Install U-clamp on rear tarp strap.

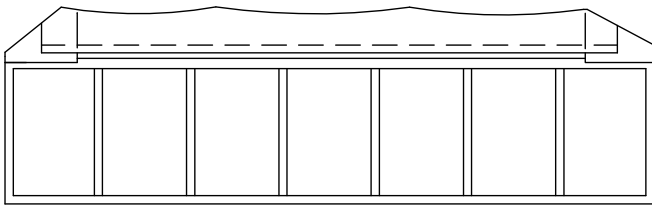


**STEP 7:** Install remaining U-clamps on remaining tarp straps.



Item	Part #	Description
1.	1700729	Protective Cap
2.	1100049	Standard Tarp Stop
3.	1100392	Offset Tarp Stop
4.	1105163	Recessed Tarp Stop
H.	1700400	Self-Tapping Screw - 3/8" x 1"
O.	1700407	Hex Nut - 3/8"
V.	1700434	Lock Washer - 3/8"

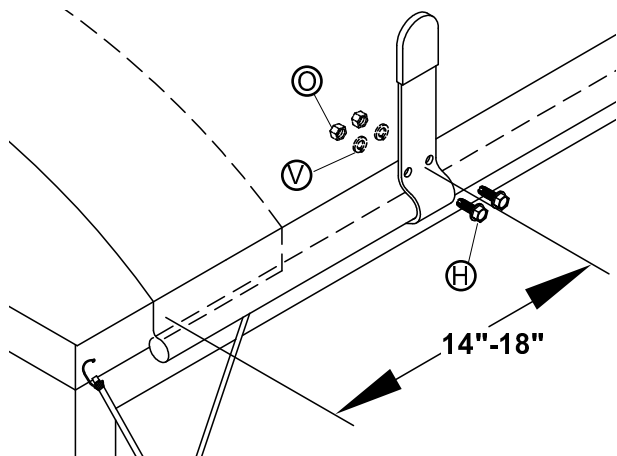
**STEP 1:** Center tarp on box between front and rear end caps, with fixed tube hanging about 3" over edge of passenger side of box. Square tarp and fixed tube.



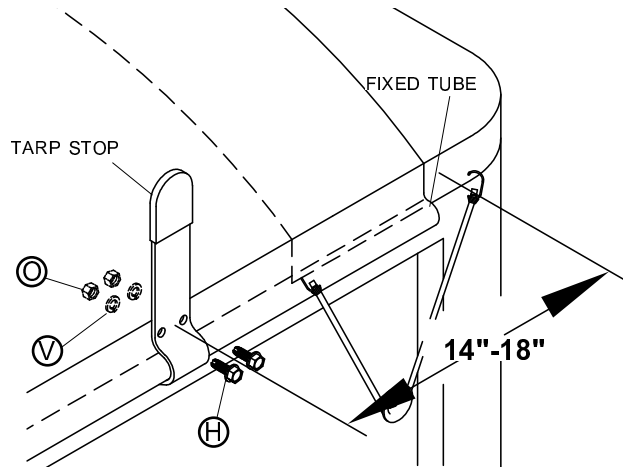
**NOTE:** To reverse roll or open your system from passenger side of box, locate tarp stops on driver side.

**STEP 2:** Locate first tarp stop 14" to 18" from rear edge of tarp. Using tarp stop as guide, mark and drill holes. Place tarp stop over fixed tube and fasten to box with screws (H), lock washers (V) and nuts (O).

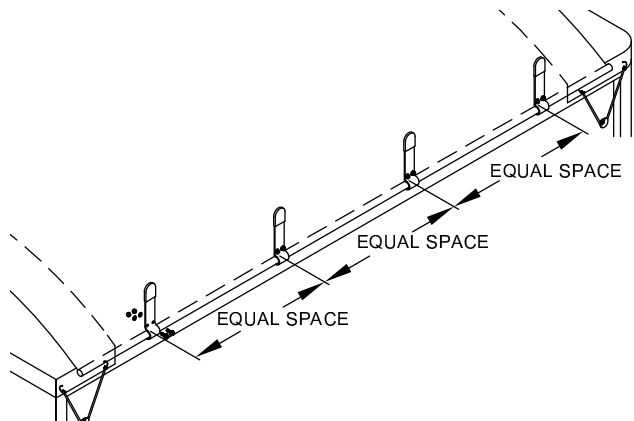
**NOTE:** Use washers and nuts where needed and drill 13/32" holes. If using self-tapping screws only, drill 5/16" holes.

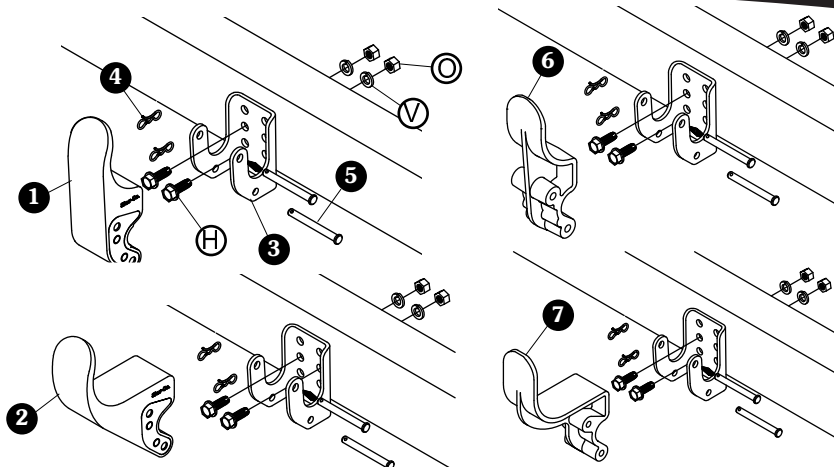


**STEP 3:** Square up and stretch tarp tight, then locate second tarp stop 14" to 18" from front edge of tarp. Mark and drill holes and fasten to box with screws (H), lock washers (V) and nuts (O).



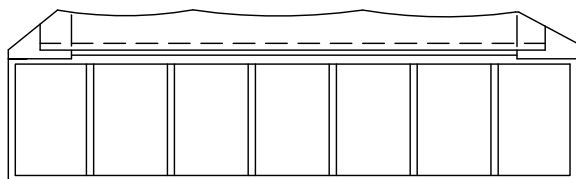
**STEP 4:** Vertically align and equally space remaining tarp stops. Mark and drill holes and fasten to box.





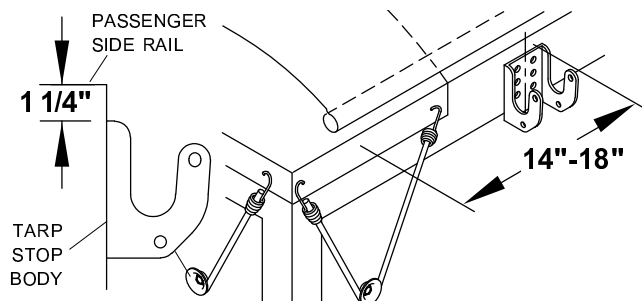
Item	Part #	Description
1.	1115216	Easy-Off Flexible Tarp Stop Upright w/Plate
2.	1115217	6" Offset Easy-Off Flexible Tarp Stop Upright w/Plate
3.	1100833	Easy-Off Tarp Stop Body
4.	1704380	Bowtie Cotter Pin
5.	1703604	Clevis Pin - 5/16" x 2 7/8"
6.	1705775	Easy-Off Aluminum Tarp Stop Upright
7.	1705454	6" Offset Easy-Off Aluminum Tarp Stop Upright
H.	1700400	Self-Tapping Screw - 3/8" x 1"
O.	1700407	Hex Nut - 3/8"
V.	1700434	Lock Washer - 3/8"

**STEP 1:** Center tarp between front and rear end caps with fixed tube on passenger side of box.



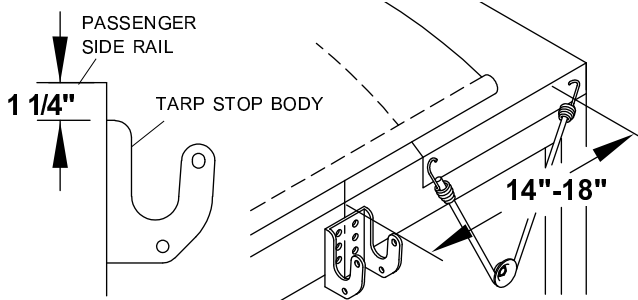
**NOTE:** To reverse roll or open system from passenger side of box, locate tarp stops on driver side.

**STEP 2:** Locate first tarp stop body 14" to 18" from rear edge of tarp and 1 1/4" from top edge of rail on passenger side of box.

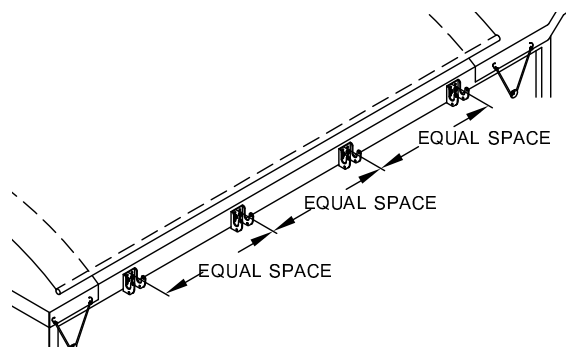


**NOTE:** Install tarp stop body on vertical surface. Fasten through holes that best fit top rail configuration.

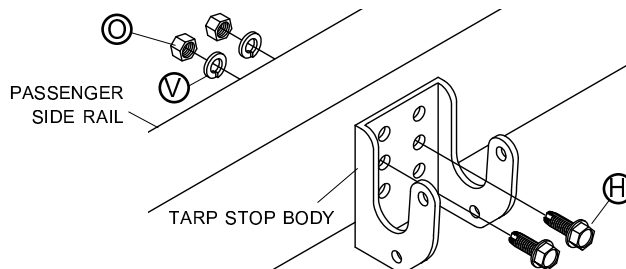
**STEP 3:** Locate second tarp stop body 14" to 18" from front of tarp and 1 1/4" from top edge of rail.



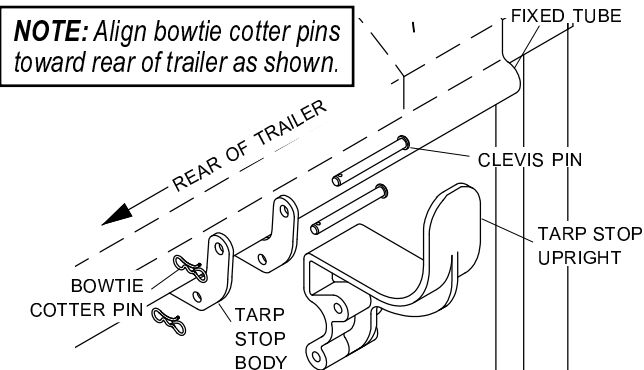
**STEP 4:** Equally space and vertically align remaining tarp stop bodies between front and rear tarp stop bodies.



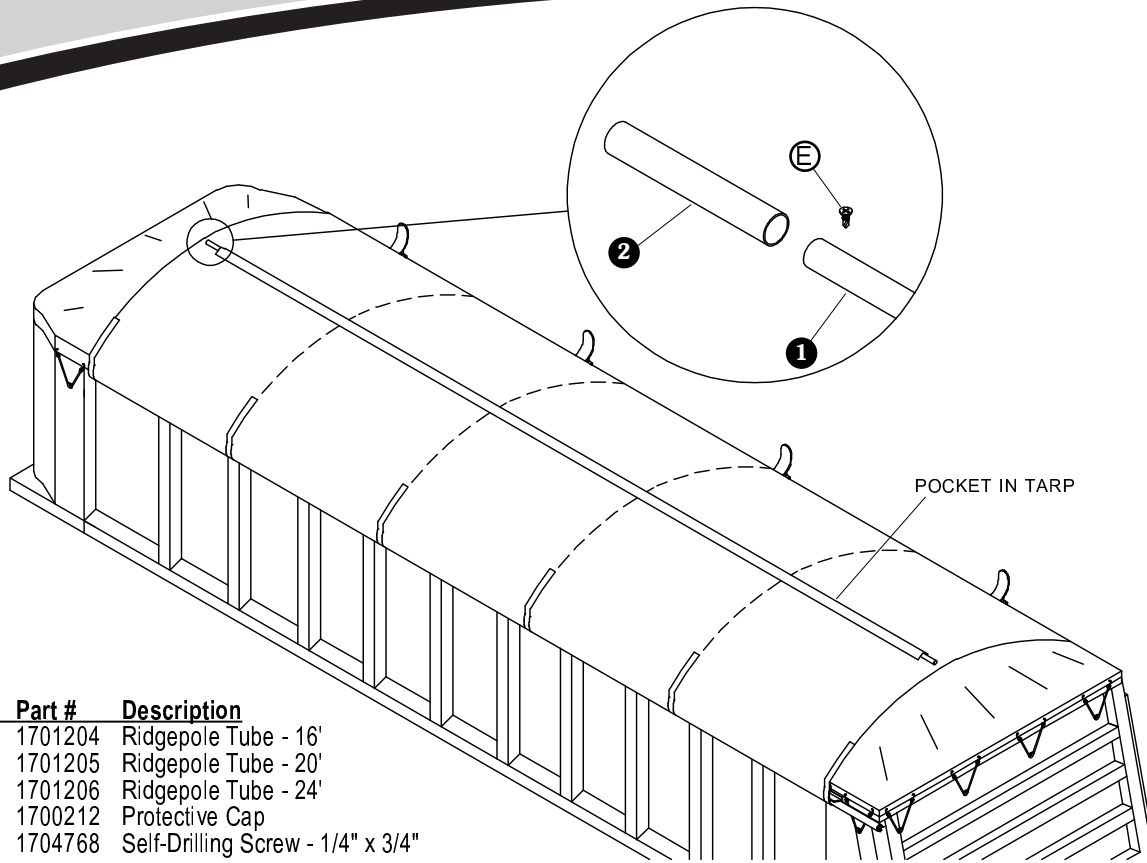
**STEP 5:** Use tarp stop bodies as guides to mark hole locations. Drill 5/16" holes and fasten to box with screws (H), lock washers (V) and nuts (O).



**STEP 6:** Adjust tarp so fixed tube rests squarely in tarp stop bodies. Fasten tarp stop uprights to tarp stop bodies with clevis pins. Secure with bowtie cotter pins.

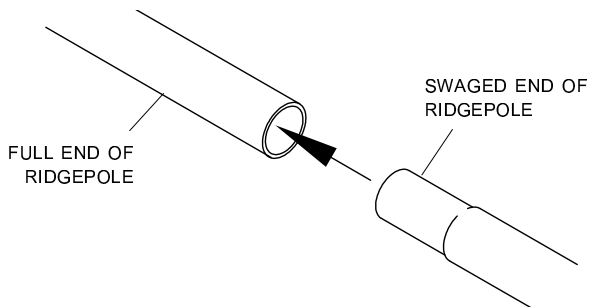


**NOTE:** Align bowtie cotter pins toward rear of trailer as shown.



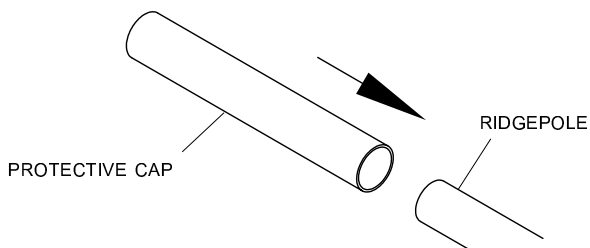
Item	Part #	Description
1.	1701204	Ridgepole Tube - 16'
	1701205	Ridgepole Tube - 20'
	1701206	Ridgepole Tube - 24'
2.	1700212	Protective Cap
E.	1704768	Self-Drilling Screw - 1/4" x 3/4"

**STEP 1:** Units over 24'. Insert swaged end of ridgepole into full end of second ridgepole. Align and weld poles, then grind smooth.

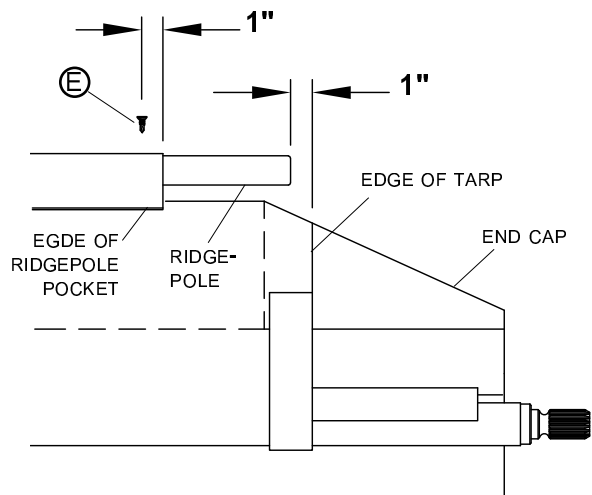


**STEP 2:** Cut ridgepole tube 2" shorter than tarp length. Grind rough edges smooth.

**STEP 3:** Install protective caps over ends of ridgepole.

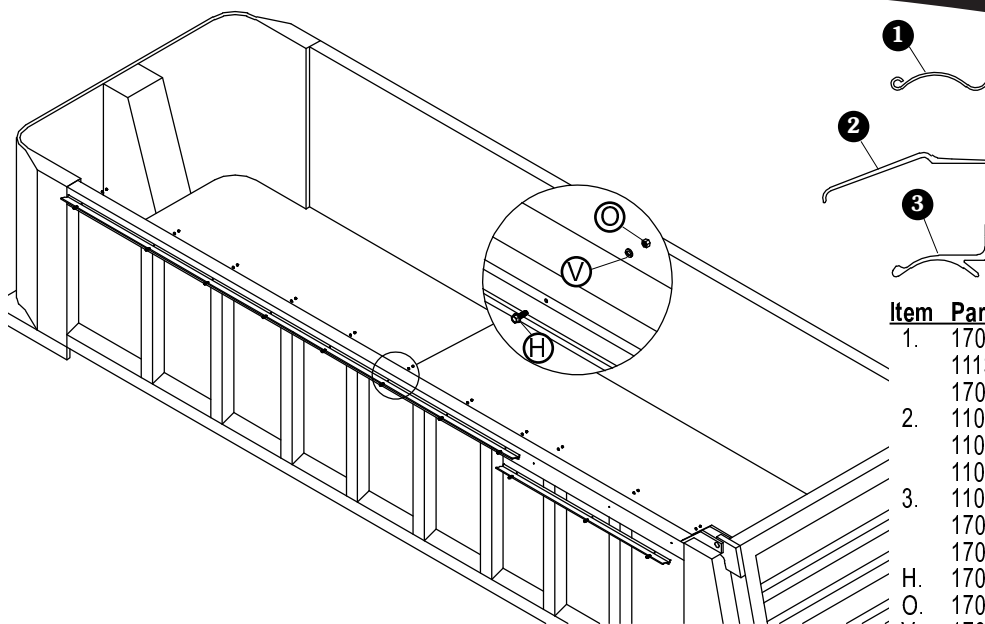


**STEP 4:** Insert ridgepole into ridgepole pocket on tarp. Center pole in tarp pocket and verify that ridgepole is 1" shorter than tarp on each end.



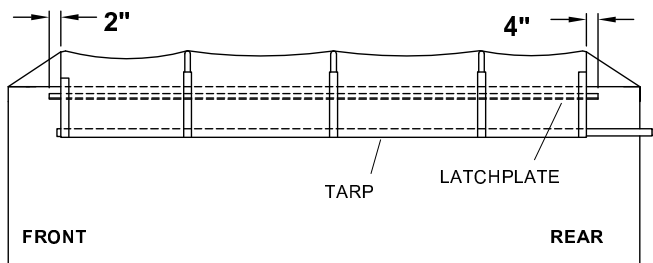
**STEP 5:** Install screw E 1" from edge of pocket. Pull tarp to full length and install screw E 1" from opposite end of pole. Equally space remaining screws.





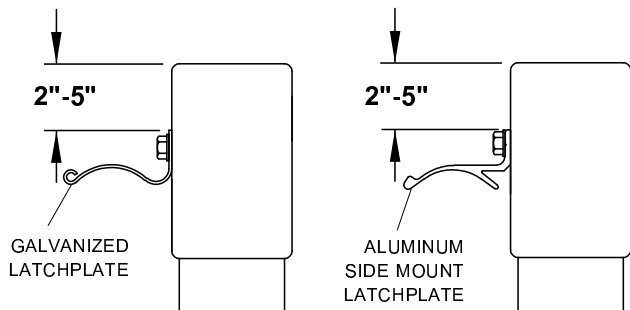
Item	Part #	Description
1.	1701546	Galv. Side-Mount Latchplate - 4'
	1113005	Galv. Side-Mount Latchplate - 6'
	1701547	Galv. Side-Mount Latchplate - 8'
2.	1100370	Alum. Top-Mount Latchplate - 4'
	1100369	Alum. Top-Mount Latchplate - 6'
	1100368	Alum. Top-Mount Latchplate - 8'
3.	1100749	Alum. Side-Mount Latchplate - 4'
	1700802	Alum. Side-Mount Latchplate - 6'
	1700522	Alum. Side-Mount Latchplate - 8'
H.	1700400	Self-Tapping Screw - 3/8" x 1"
O.	1700407	Hex Nut - 3/8"
V.	1700434	Lock Washer - 3/8"

**STEP 1:** Trim and combine latchplate sections to extend 2" past tarp at front and 4" past tarp at rear of box.

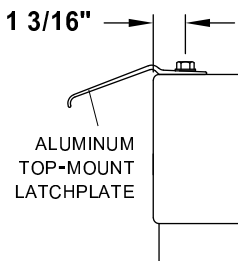


**NOTE:** If you are installing your system to open from driver side of box, locate latchplate on passenger side. Latchplate alignment must be true.

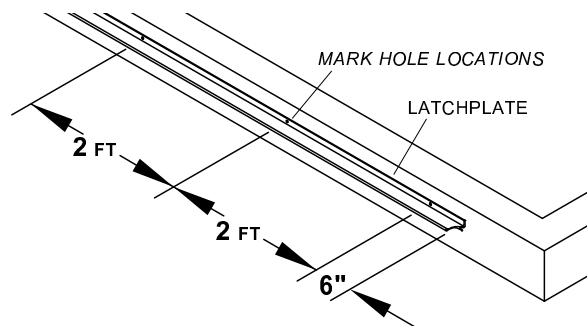
**STEP 2A: Side-mount latchplate.** Starting at rear of box, position latchplate sections 2" to 5" down from top edge of rail on driver side of box in an area free from obstructions. Clamp into place.



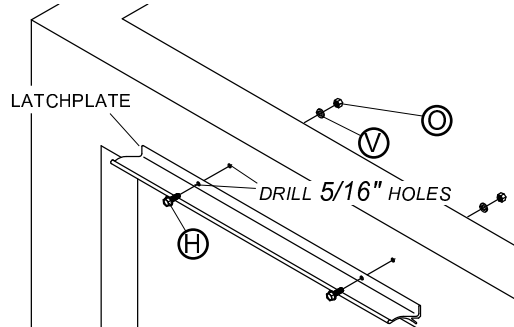
**STEP 2B: Top-mount latchplate.** Install in same way as side-mount latchplate, except fasten over top rail, aligning screws about 1 3/16" from edge of rail.



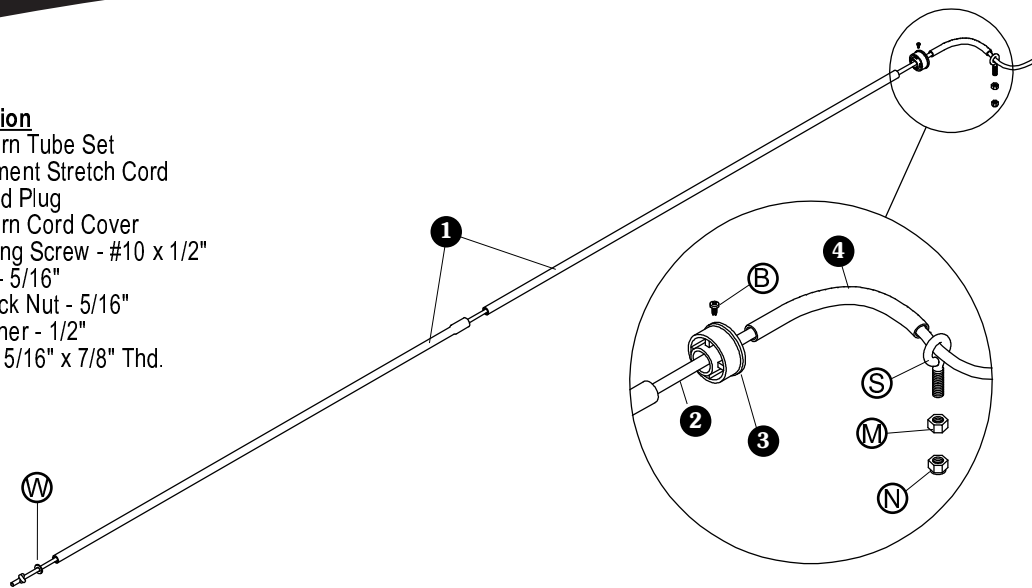
**STEP 3:** Mark hole locations on latchplate about every 2' apart, with holes no more than 6" from edges.



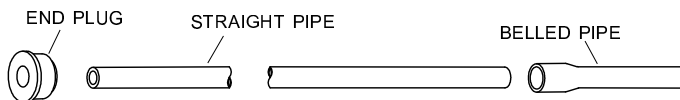
**STEP 4:** Drill 5/16" pilot holes through latchplate and box. Fasten with screws (H), lock washers (V) and nuts (O).



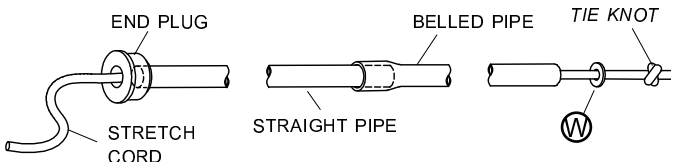
Item	Part #	Description
1.	1111067	Roll Return Tube Set
2.	1114360	Replacement Stretch Cord
3.	1100138	Nylon End Plug
4.	1107680	Roll Return Cord Cover
B.	1704743	Self-Drilling Screw - #10 x 1/2"
M.	1700411	Hex Nut - 5/16"
N.	1700419	Nylon Lock Nut - 5/16"
W.	1703373	Flat Washer - 1/2"
S.	1700717	Eyebolt - 5/16" x 7/8" Thd.



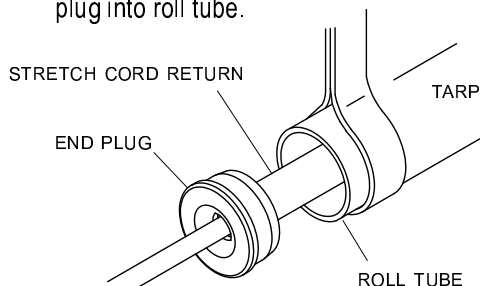
**STEP 1:** Insert straight pipe into belled pipe. Insert end plug into straight pipe.



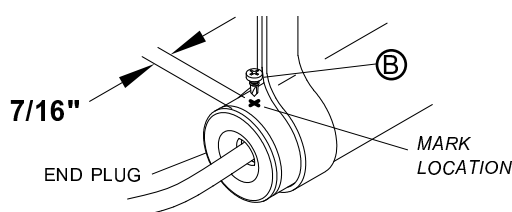
**STEP 2:** Insert stretch cord through end plug and pipes. Slide flat washer W over stretch cord and tie knot in cord.



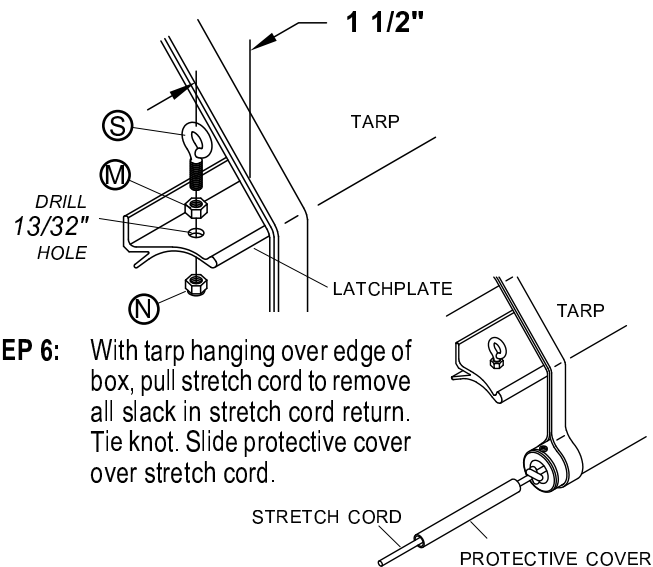
**STEP 3:** Insert stretch cord return into roll tube. Lightly tap end plug into roll tube.



**STEP 4:** Mark location about 7/16" from edge of end plug. Secure end plug to roll tube with self-drilling screw B.

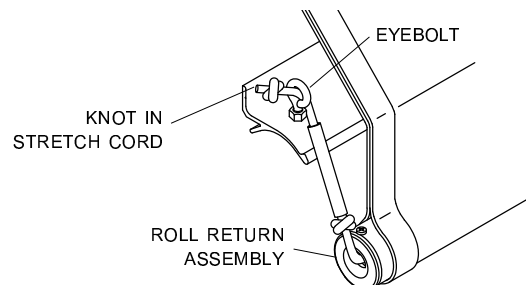


**STEP 5:** Drill 13/32" hole through latchplate, 1 1/2" from edge of tarp. Insert eyebolt S through hole and secure with nut M and lock nut N.



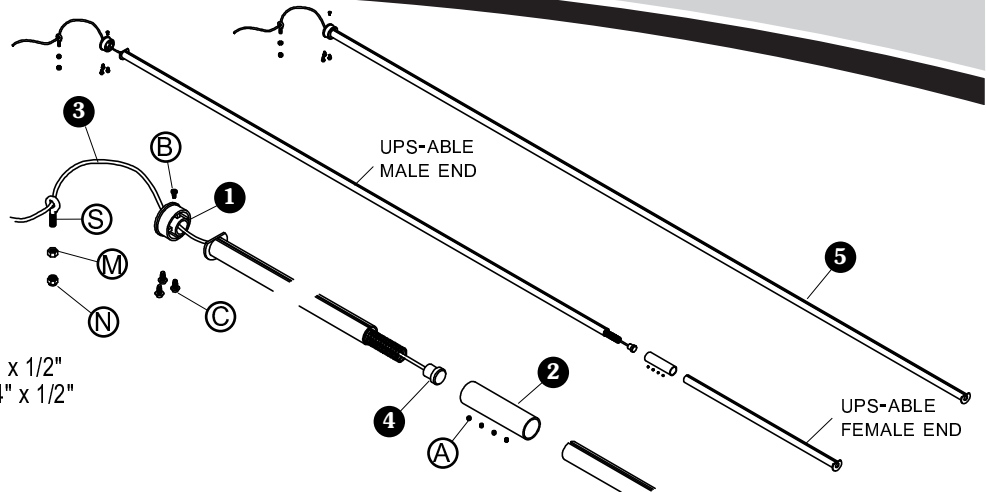
**STEP 6:** With tarp hanging over edge of box, pull stretch cord to remove all slack in stretch cord return. Tie knot. Slide protective cover over stretch cord.

**STEP 7:** Thread stretch cord through eyebolt. Pull cord to create enough tension to almost lift roll return. Tie knot.



**STEP 8:** Cut off excess stretch cord, melt end to prevent fraying.

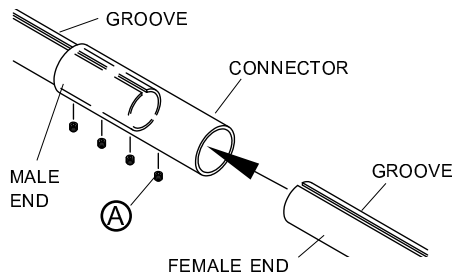
Item	Part #	Description
1.	1100138	Nylon End Plug
2.	1107879	Connector Sleeve
3.	1100826	Rope - 1/4"
4.	1100827	Spring Retainer Plug
5.	1100832	Tube Assembly (spring - rope - slide)
A.	1701423	Set Screw - #10 x 3/16"
B.	1704743	Self-Drilling Screw - #10 x 1/2"
C.	1700736	Self-Tapping Screw - 1/4" x 1/2"
M.	1700411	Hex Nut - 5/16"
N.	1700419	Nylon Lock Nut - 5/16"
S.	1700717	Eyebolt - 5/16" x 7/8"



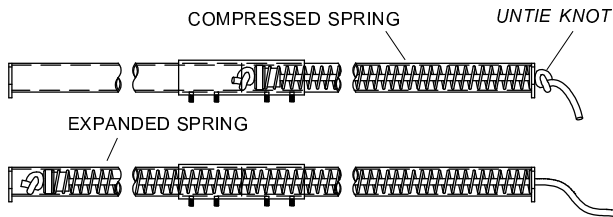
**NOTE:** Step 1 and 2 are for UPS-able Shur-Return™ only.

**STEP 1:** Align grooves in male and female UPS-able Shur-Return™ ends, insert female end into connector sleeve and tighten set screws **A**.

**NOTE:** Install set screws 180° from groove. Do not over tighten set screws.

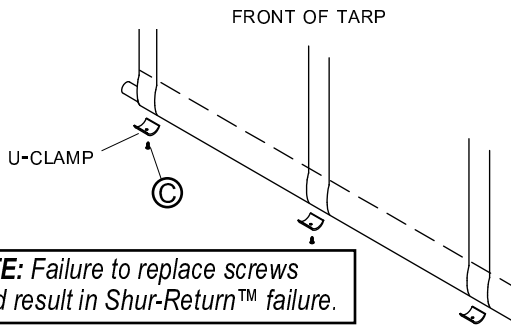


**STEP 2:** Cautiously untie knot and slowly allow spring to expand to full length of UPS-able Shur-Return™.



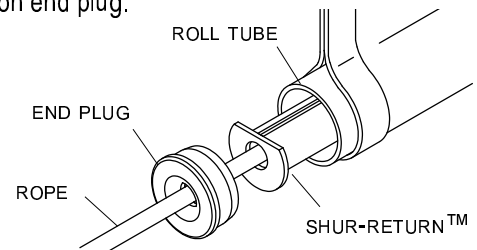
**NOTE:** Spring is compressed. Use caution when untying knot.

**STEP 3:** Remove all 1/4" x 3/4" screws on U-clamps from front 11' of tarp. Replace with screws **C**.

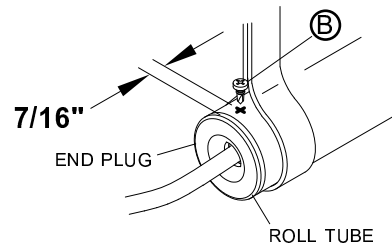


**NOTE:** Failure to replace screws could result in Shur-Return™ failure.

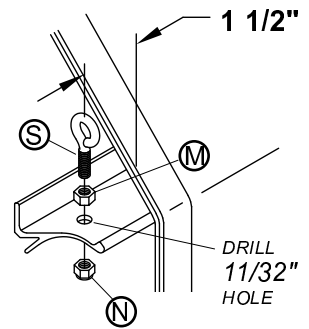
**STEP 4:** Insert Shur-Return™ into roll tube at front of box, with rope at open end of roll tube. Thread rope through nylon end plug.



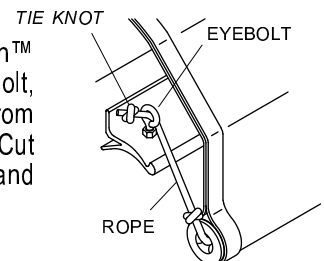
**STEP 5:** Tap end plug into roll tube and mark location 7/16" from edge of end plug. Secure end plug to roll tube with screw **B**.

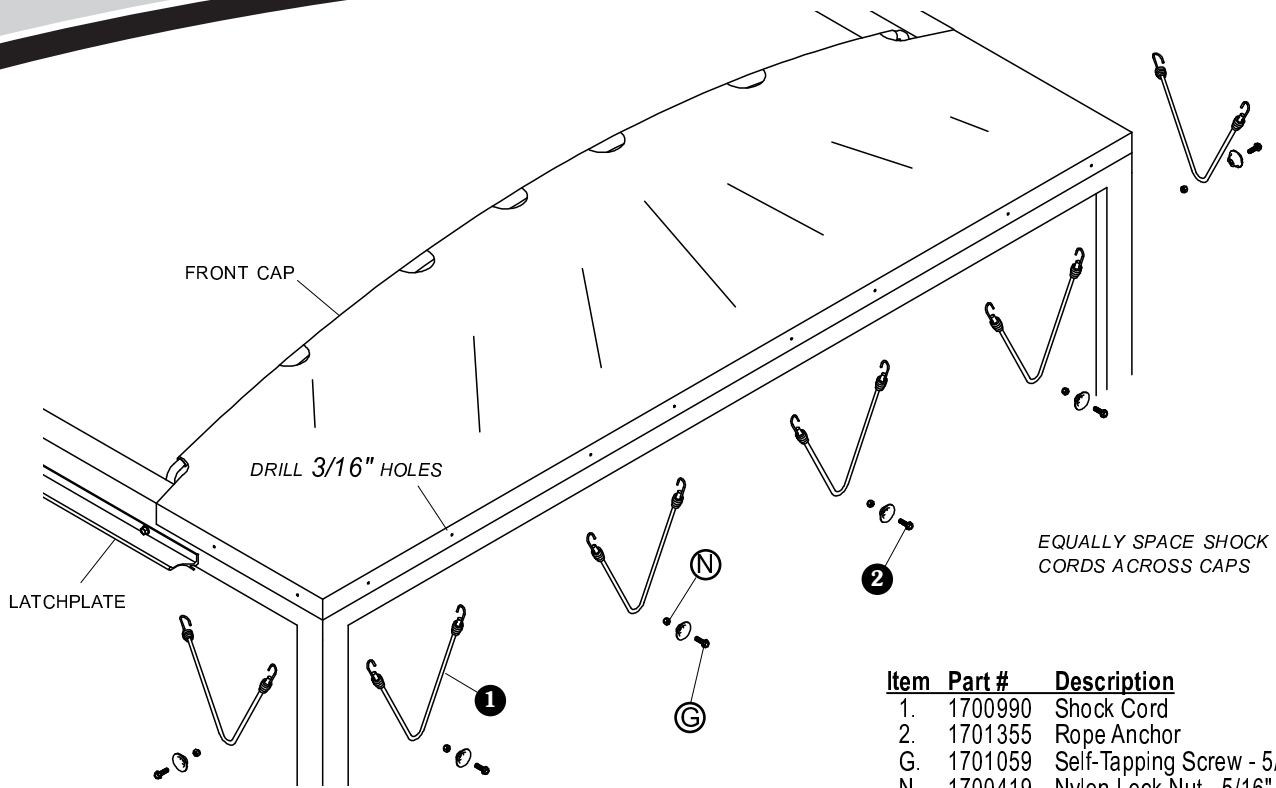


**STEP 6:** Drill 11/32" hole into latchplate 1 1/2" beyond end of tarp. Insert eyebolt **S** through hole and secure with nuts **M** and **N**.



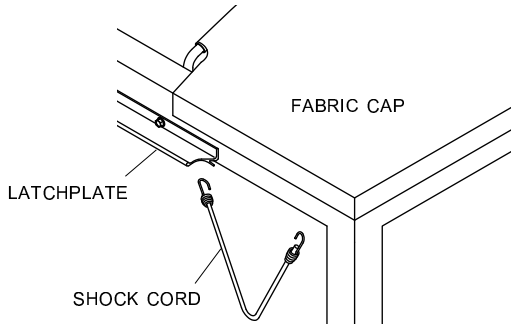
**STEP 7:** Insert Shur-Return™ rope through eyebolt, remove all slack from rope and tie knot. Cut off excess rope and melt frayed end.



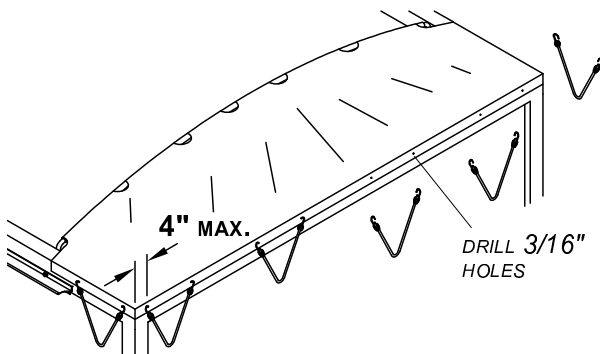


Item	Part #	Description
1.	1700990	Shock Cord
2.	1701355	Rope Anchor
G.	1701059	Self-Tapping Screw - 5/16" x 1"
N.	1700419	Nylon Lock Nut - 5/16"

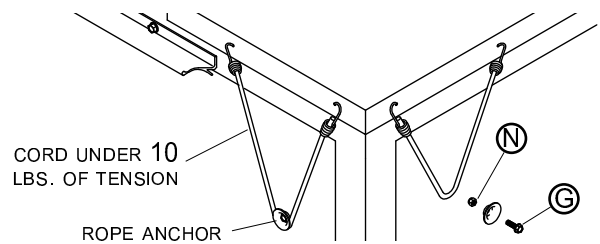
**STEP 1:** Locate one shock cord on each side of cap, as close as possible to center of cap without touching latchplate.



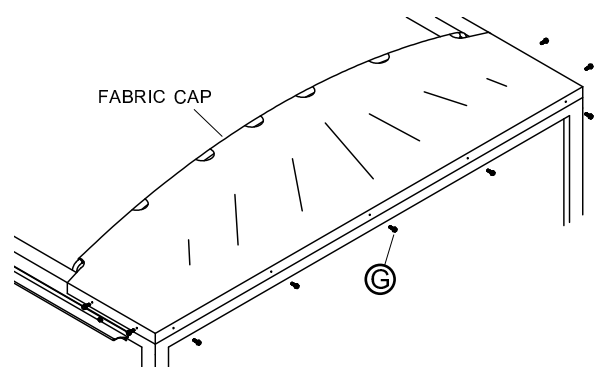
**STEP 2:** Equally space remaining shock cords across face of fabric cap. Drill 3/16" holes through aluminum inserts and hook shock cords into holes.



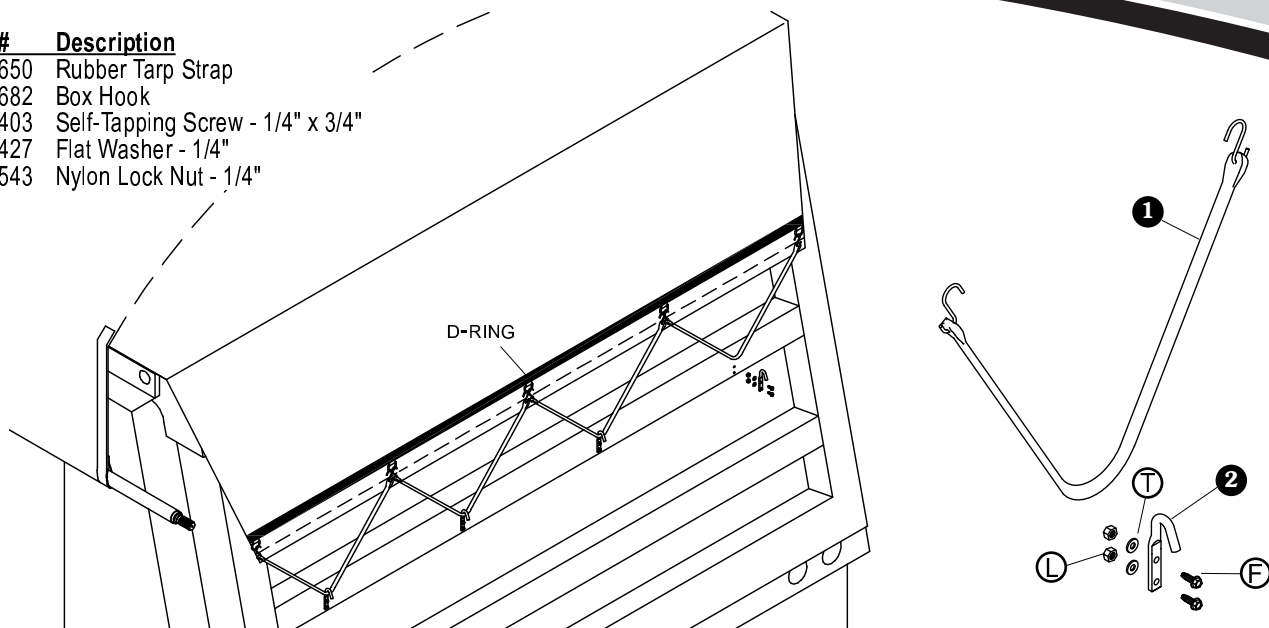
**STEP 3:** Locate rope anchors so shock cords will receive at least 10 pounds of force pulling on them. Drill 1/4" holes and fasten rope anchors with screws G and nuts N.



**STEP 4: Alternate method.** Drill 5/16" holes through aluminum inserts and fasten cap to box with screws N. Install two screws G on each side of cap and equally space remaining screws.

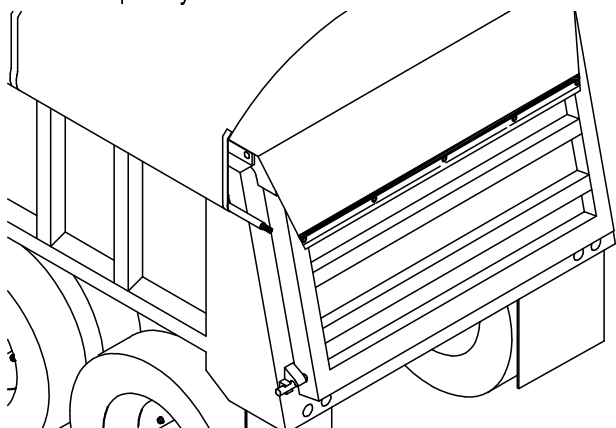


Item	Part #	Description
1.	1700650	Rubber Tarp Strap
2.	1700682	Box Hook
F.	1700403	Self-Tapping Screw - 1/4" x 3/4"
T.	1700427	Flat Washer - 1/4"
L.	1701543	Nylon Lock Nut - 1/4"

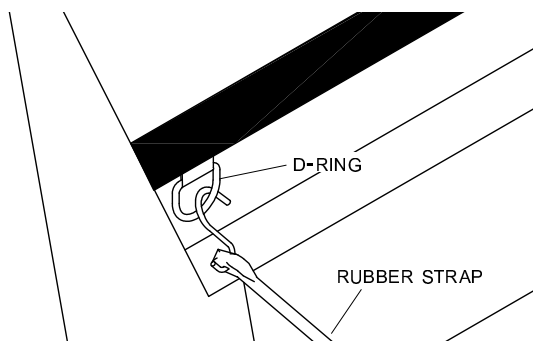


**STEP 1:** Install rear bow and bow brackets per bow instructions, locating bow as close to tailgate as possible without interfering with tailgate operation. Align bow height with height of previously installed bows.

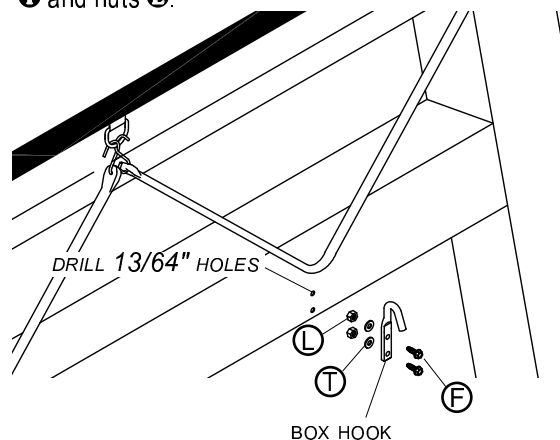
**STEP 2:** Roll tarp closed over bows. Pull poorboy tail flap squarely over rear of box.



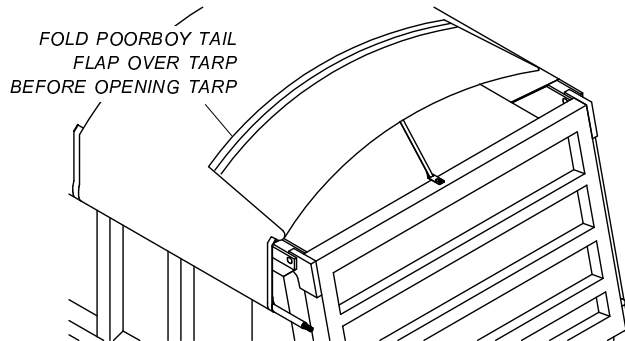
**STEP 3:** Hook rubber straps into D-rings on poorboy tail.

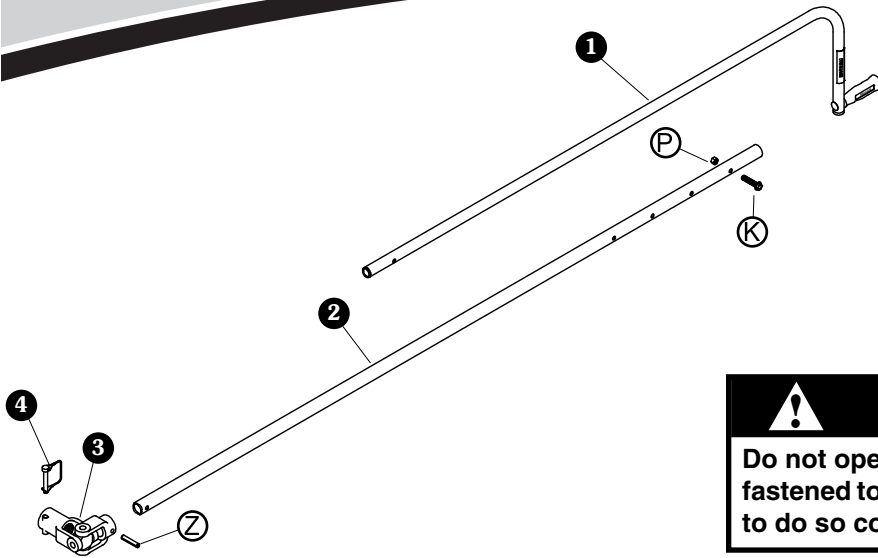


**STEP 4:** Locate and install box hooks so rubber straps will have at least 10 pounds of force pulling on them. Drill 13/64" holes and fasten box hooks with screws **F**, washers **T** and nuts **L**.



**STEP 5:** Release rubber straps from box hooks and fold flap over tarp before rolling tarp open. Close tarp and secure rubber straps to box hooks before traveling.

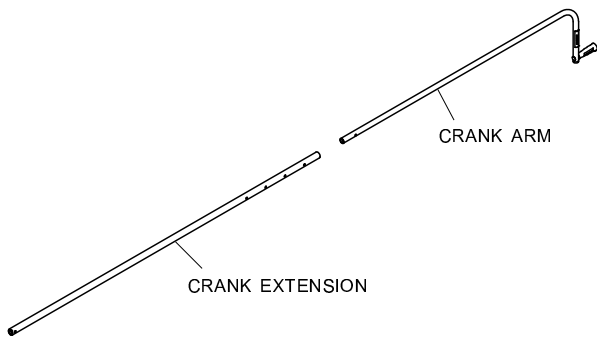




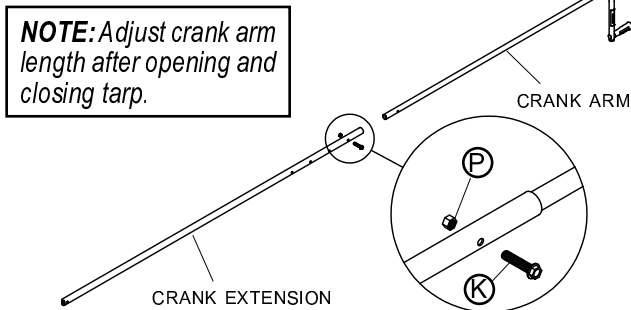
Item	Part #	Description
1.	1100171	Standard Crank Arm - 24"
	1100069	Long Crank Arm - 60"
2.	1100028	Crank Extension - 80"
	1100687	Crank Extension - 33"
	1106449	Crank Extension - 96"
3.	1701243	Splined U-Joint
4.	1700526	Wire Lock Pin
5.	1700443	Spring Pin - 3/8" x 2"
K.	1700369	Cap Screw - 3/8" x 1 3/4"
P.	1700418	Centerlock Nut - 3/8"
Z.	1700443	Spring Pin - 3/8" x 2"

**CAUTION**  
 Do not open or close tarp without U-joint securely fastened to splined shaft with wire lock pin. Failure to do so could result in injury.

**STEP 1:** Insert crank arm into crank extension.

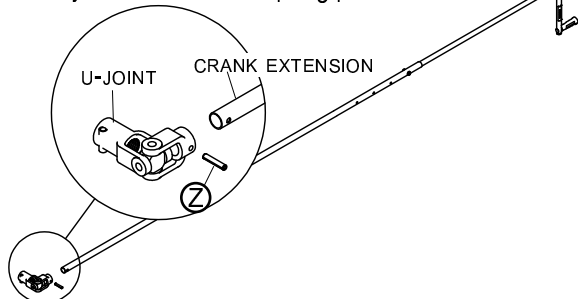


**STEP 2:** Fasten with screw (K) and nut (P). Finger tighten.

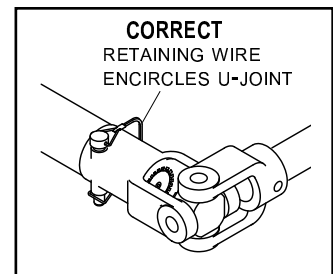
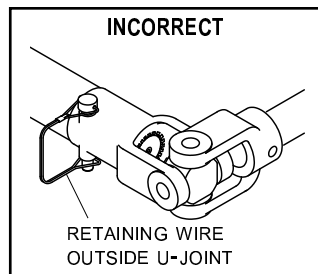
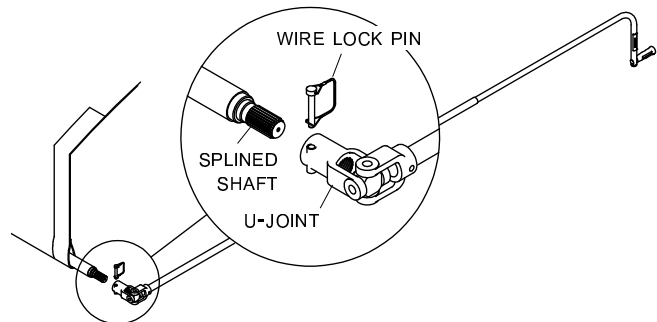


**NOTE:** Adjust crank arm length after opening and closing tarp.

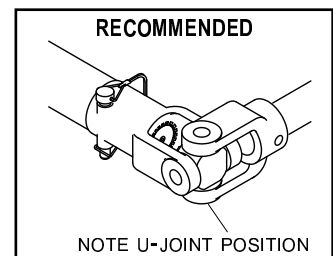
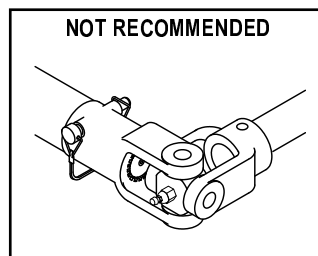
**STEP 3:** Insert crank extension with crank arm into splined U-joint. Secure with spring pin (Z).



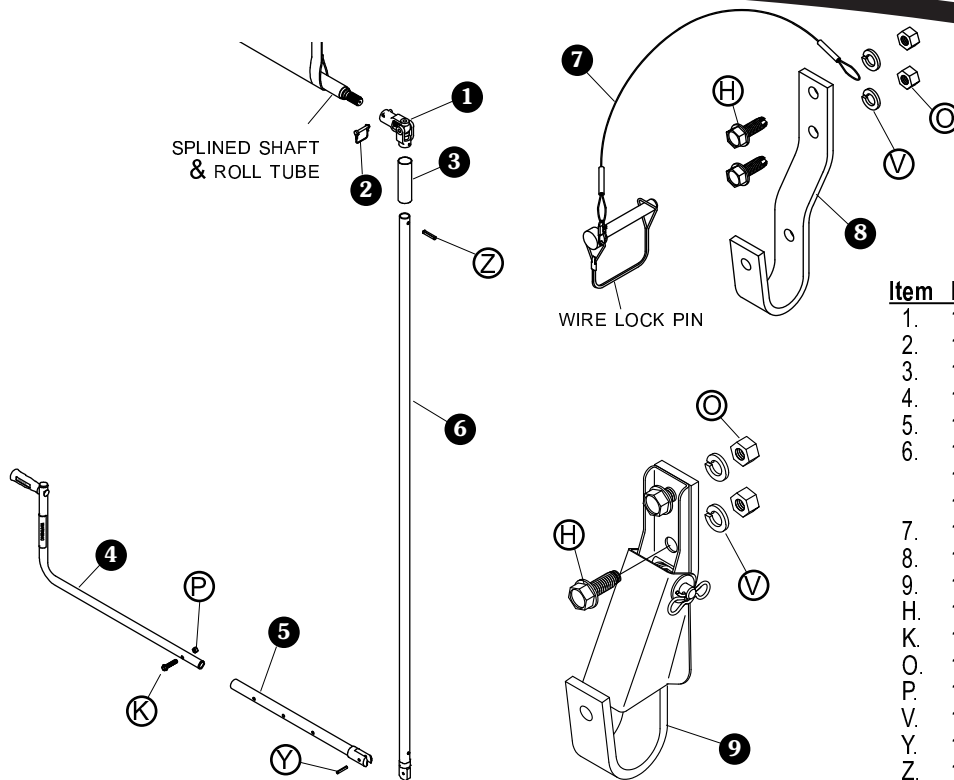
**STEP 4:** Place splined U-joint on splined shaft. Secure with wire lock pin.



**NOTE:** Retaining wire could catch on an object and be pulled loose if retaining wire protrudes from U-joint.

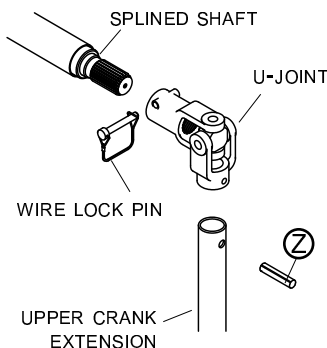


**NOTE:** U-joint is designed to operate as shown at right and is considerably stronger in this position.



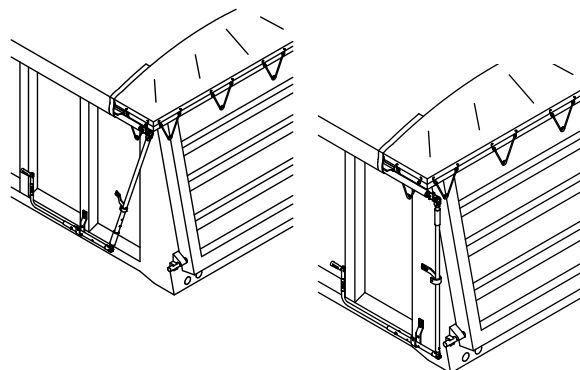
Item	Part #	Description
1.	1701243	Splined U-Joint
2.	1700526	Wire Lock Pin
3.	1101924	Lock Tube
4.	1100171	Standard Crank Arm
5.	1102691	Lower Crank Extension
6.	1105001	Upper Crank Extension - 40"
	1105050	Upper Crank Extension - 54"
	1105049	Upper Crank Extension - 96"
7.	1100574	Cable w/Interlock Snap
8.	1101930	Offset Crank Retainer J-Hook
9.	1114603	Pinless Offset Crank Retainer
H.	1700400	Self-Tapping Screw - 3/8" x 1"
K.	1700369	Cap Screw - 3/8" x 1 3/4"
O.	1700407	Hex Nut - 3/8"
P.	1700418	Centerlock Nut - 3/8"
V.	1700434	Lock Washer - 3/8"
Y.	1701118	Spring Pin - 1/4" x 1 3/16"
Z.	1700443	Spring Pin - 3/8" x 2"

**STEP 1:** Slide lock tube over upper crank extension, then secure extension to U-joint with spring pin Z.



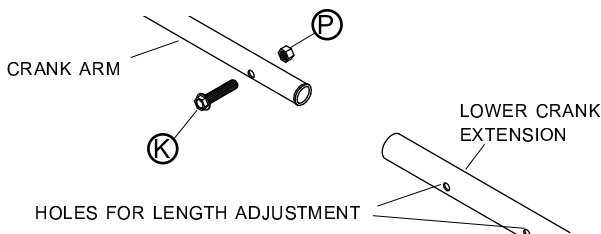
**STEP 2:** Secure U-joint to splined shaft on roll tube with wire lock pin (See step 4 on page 26).

**STEP 4:** Locate crank retainers (offset or pinless offset) as shown. Allow room for lock tube to slide, permitting knuckles to bend.

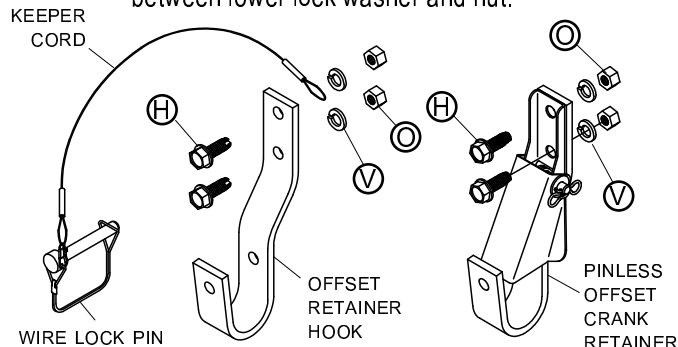


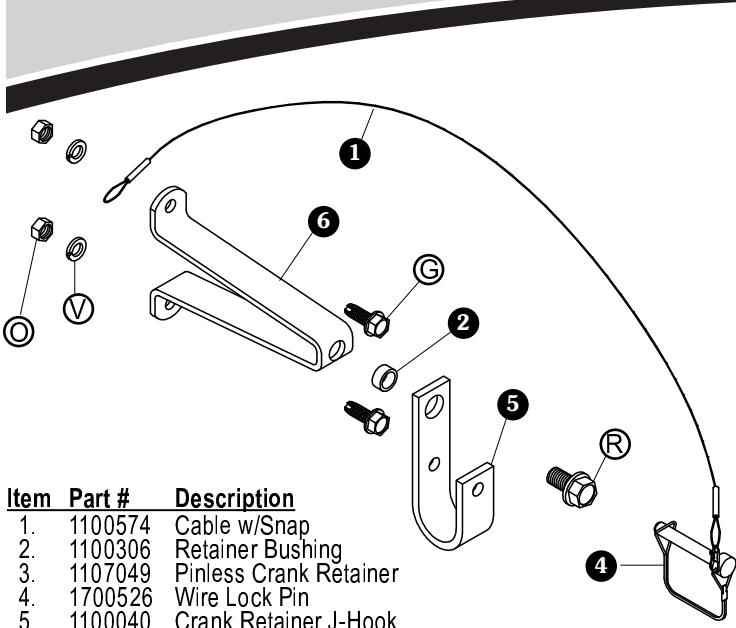
**CAUTION**  
Do not open or close tarp without U-joint securely fastened to splined shaft with wire lock pin. Failure to do so could result in injury.

**STEP 3:** Insert crank arm into lower crank extension. Fasten with screw K and nut O.

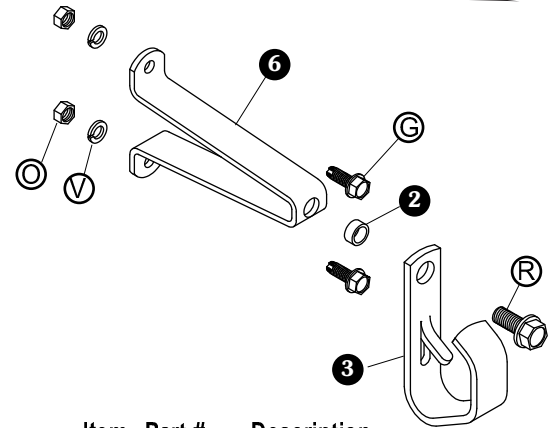


**STEP 5:** Mount retainers with screws H, lock washers V and nuts O. Attach cable with snap for offset retainer between lower lock washer and nut.



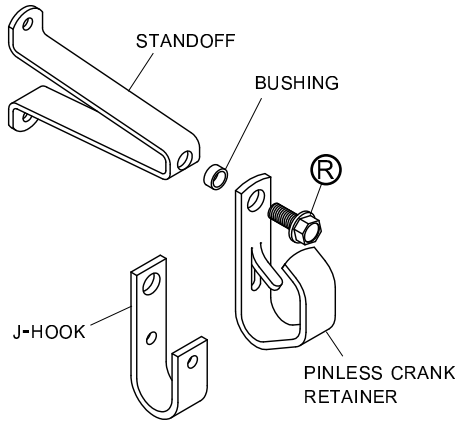


Item	Part #	Description
1.	1100574	Cable w/Snap
2.	1100306	Retainer Bushing
3.	1107049	Pinless Crank Retainer
4.	1700526	Wire Lock Pin
5.	1100040	Crank Retainer J-Hook

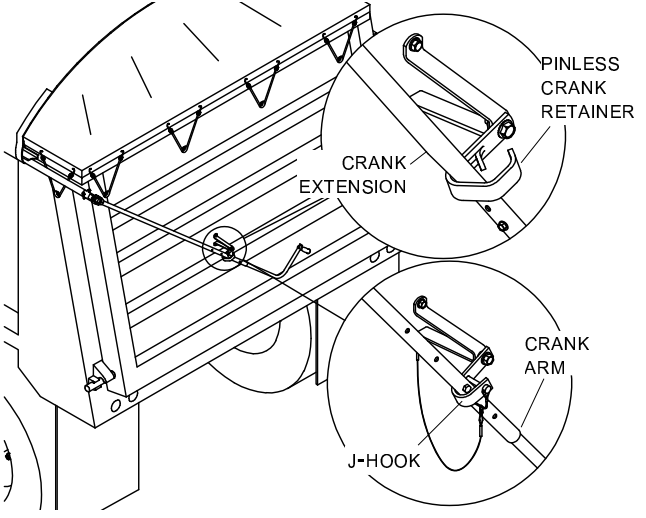


Item	Part #	Description
6.	1100033	Crank Retainer Standoff - 7"
	1109478	Crank Retainer Standoff - 11"
	1100137	Crank Retainer Standoff - 2"
	1107080	Crank Retainer Standoff - 3"
H.	1700400	Self-Tapping Screw - 3/8" x 1"
V.	1700434	Lock Washer - 3/8"
O.	1700407	Hex Nut - 3/8"
R.	1702996	Flanged Cap Screw - 1/2" x 1 1/4"

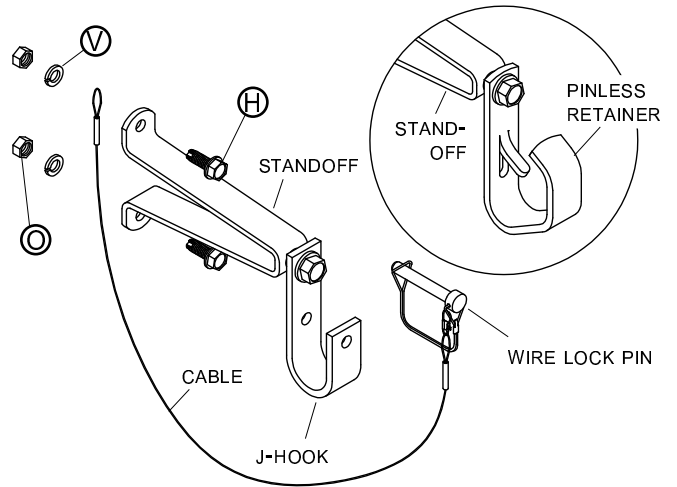
**STEP 1:** Assemble crank retainer standoff, bushing and pinless crank retainer or J-hook with screw (H).



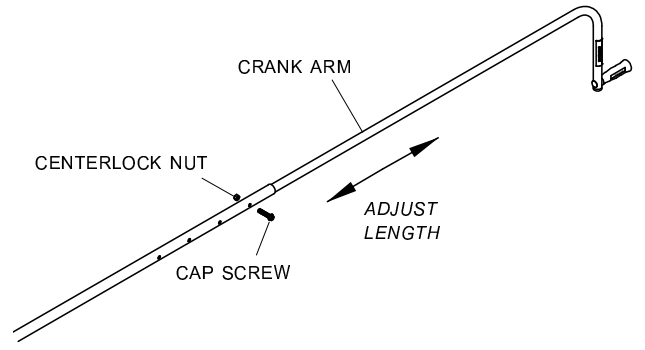
**STEP 2:** Determine crank retainer location on rear of box, positioning crank retainer above crank arm on crank extension.



**STEP 3:** Mark and drill 5/16" holes and fasten retainer to box with screws (H), lock washers (V) and nuts (O). Assemble wire lock pin and cable, then fasten cable with screw (R) between box and standoff.

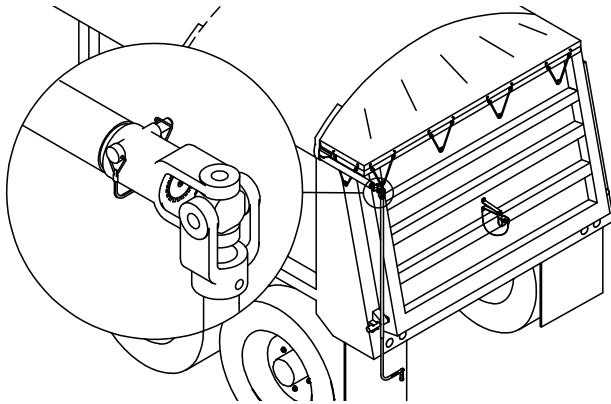


**STEP 4:** Adjust crank arm length, if required. Tighten screw and nut on crank arm.

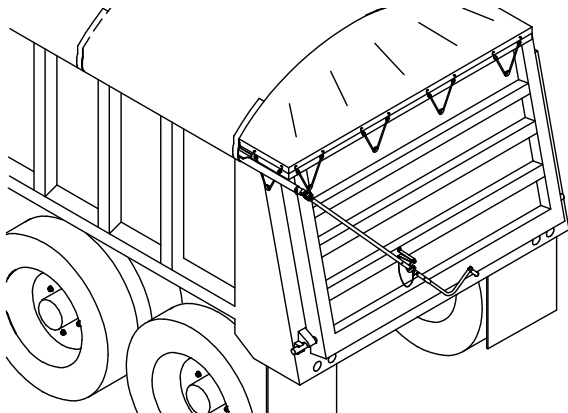




**STEP 1:** Hold crank firmly with both hands and roll tarp closed under latchplate. Bring crank handle down perpendicular to ground.

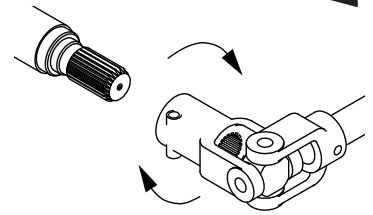


**STEP 2:** Tighten tarp by lifting crank handle up into crank retainer (about 45°).

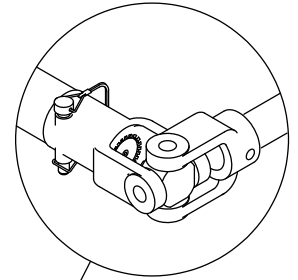


**STEP 3:** Check tarp tension. It should take 40 to 60 pounds of pressure to force crank handle into crank retainer. Crank extension will bend 1/8".

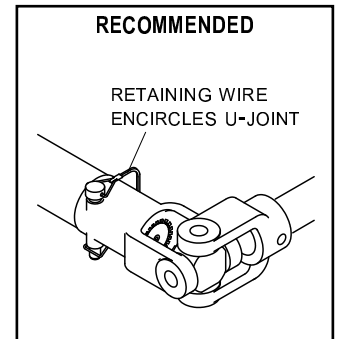
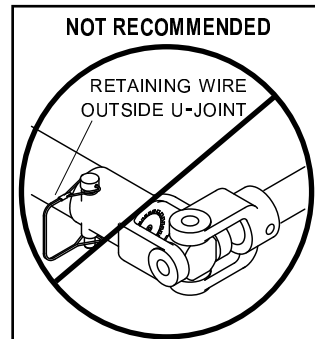
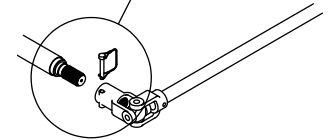
**STEP 4:** Adjust tension, if required, by removing U-joint from splined shaft, rotating U-joint one tooth and replacing it onto splined shaft.



**STEP 5:** Repeat previous steps until correct tension is achieved.



**STEP 6:** Secure U-joint to splined shaft with wire lock pin.



**NOTE:** Monitor tarp tension daily to prevent premature tarp wear.

**CRANK SAFETY**



**CAUTION**

**Do not open or close tarp without U-joint securely fastened to splined shaft with wire lock pin.**

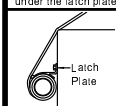
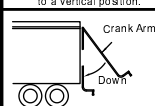
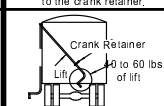
**CAUTION**

Uncontrolled crank spin. Hold crank firmly with both hands while operating. Failure to do so may result in minor or moderate injury.

**PLACE ONLY THE LOWER PORTION OF THIS DECAL IN A LOCATION VISIBLE TO THE OPERATOR OR ALL WARRANTIES ARE VOID!!**

**ATTENTION!**

**THE TARP MUST BE KEPT TO A RECOMMENDED 40-60 LBS. OF TENSION OR EXCESSIVE TARP WEAR MAY OCCUR. DO NOT WALK OR STAND ON THE END CAPS. DO NOT OPERATE THIS VEHICLE, AT HIGHWAY SPEEDS, WHILE THE TARP SYSTEM IS IN THE "OPEN" POSITION!**

<p>1. Crank the tarp up under the latch plate.</p> 	<p>2. Bring the crank arm down to a vertical position.</p> 	<p>3. Lift the crank arm up to the crank retainer.</p> 	<p>To Adjust The Tarp Tension:</p> <ol style="list-style-type: none"> <li>1. Allow the tarp to roll down away from the latch plate.</li> <li>2. Remove the crank arm from the splined shaft.</li> <li>3. Rotate the crank one or two teeth and reassemble.</li> </ol>
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**Shur-Co., Yankton, SD 1-800-4 SHUR-LOK**

**NOTE:** Install warning decal shown above near crank retainer on box or all warranty claims will be void.

The Shur-Lok® tarping system is designed to provide years of reliable service. Follow the installation instructions, maintenance schedule and operating instructions provided to receive years of service from your Shur-Lok® system. Incorrect operation or lack of maintenance can severely impair operation of the system and cause premature tarp wear.

## MAINTENANCE SCHEDULE

**Perform the following procedures every 2 to 4 weeks:**

1. Inspect tarp - repair any tears, cuts or worn areas.
2. Inspect hardware - securely tighten any loose fasteners.

## OPERATING INSTRUCTIONS

### To uncover load:

1. Release crank from crank retainer.
2. Turn crank clockwise (counter-clockwise for reverse roll) until tarp has rolled up against tarp stops.
3. Place crank back into crank retainer.

### To cover load:

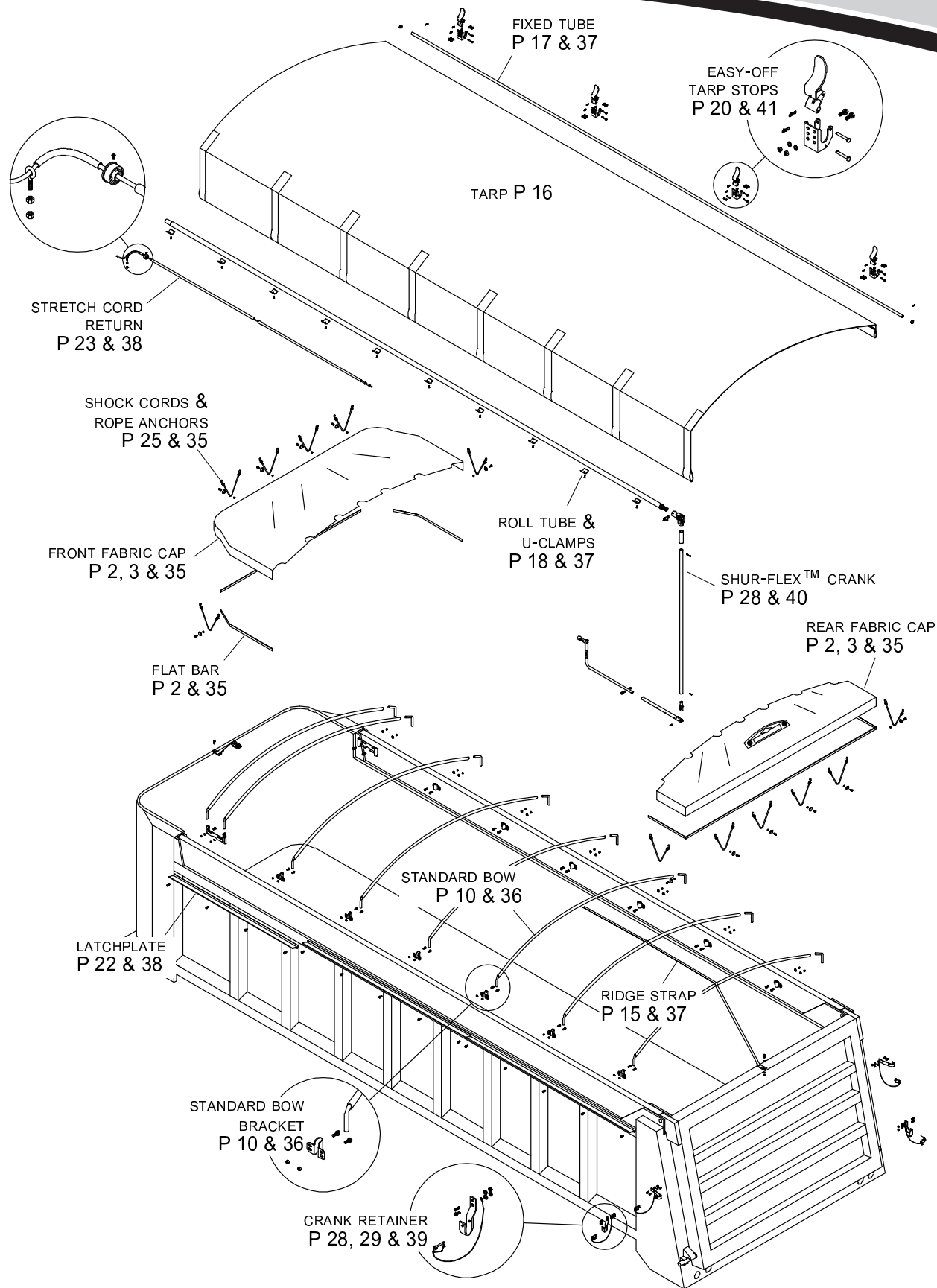
1. Release crank from crank retainer.
2. Turn crank counter-clockwise (clockwise for reverse roll) until tarp is hanging over edge of trailer completely unrolled.
3. Continue cranking to roll tarp w/roll tube up under latchplate.
4. Bring crank arm down to a vertical position.
5. Lift crank arm up and place into crank retainer.

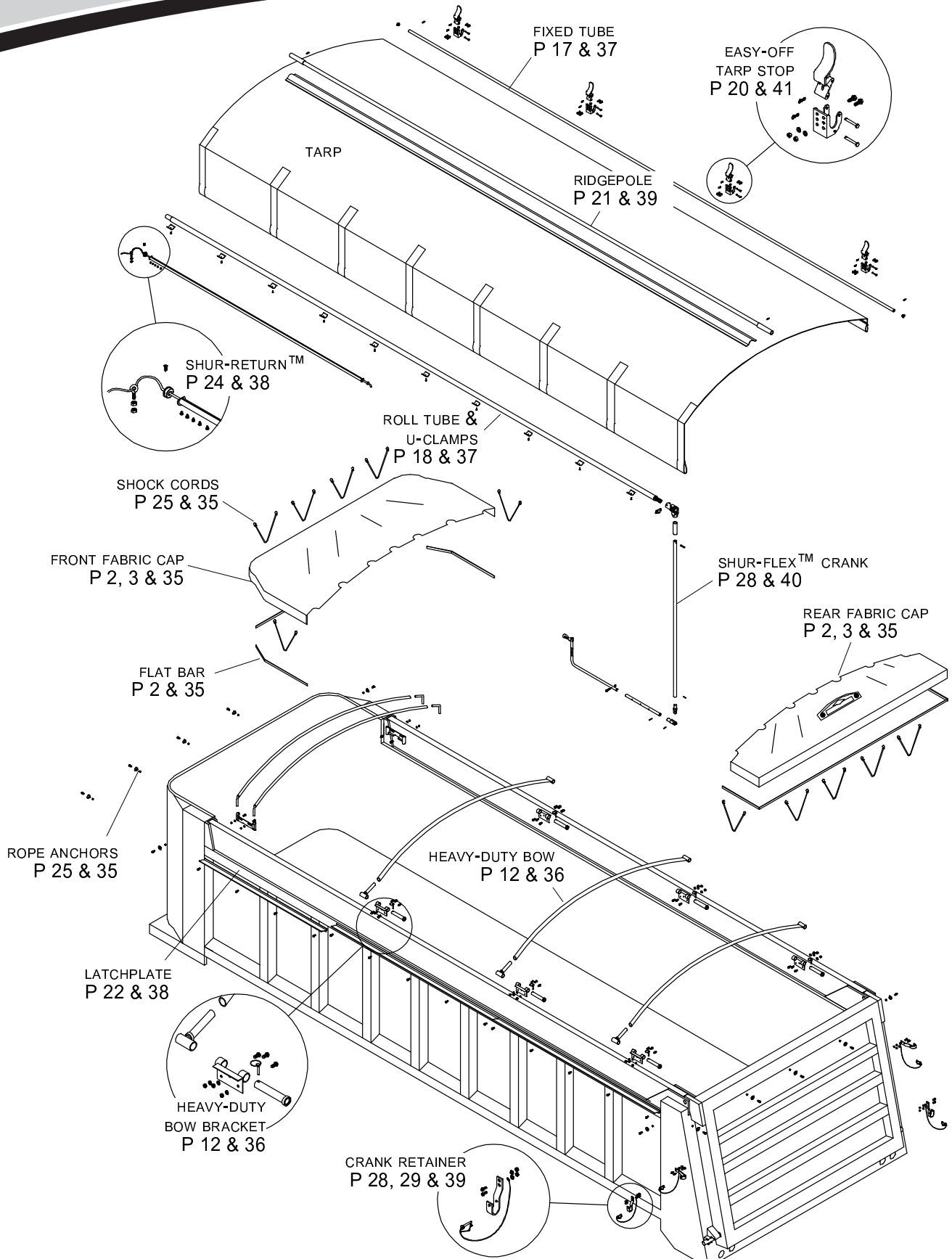
**Close cover** at all times, except when loading or unloading, to extend the life of your Shur-Lok® system.

**Open cover** while unloading box. Unloading box with cover closed will create a vacuum which could cause system damage.

## OPERATING SAFETY INSTRUCTIONS

1. **Keep body and clothing clear of moving parts.**
2. **Hold crank firmly with both hands while opening and closing tarp.**
3. **Keep 40 to 60 lbs. of tension in crank retainer or excessive tarp wear may occur.**
4. **Secure U-joint on crank arm to splined shaft on roll tube with wire lock pin before opening or closing tarp.**
5. **Secure crank arm into crank retainer before raising box.**
6. **Do not operate this vehicle at highway speeds with tarp open.**



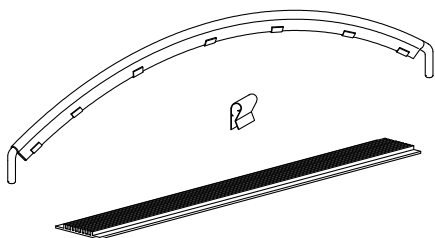


**ELECTRIC OPTIONS**

Shorten load/unload time while increasing driving time and safety. Open and close tarp from inside cab.

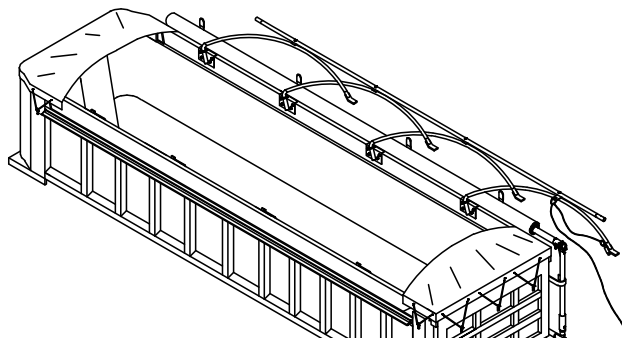
**BOW COVER**

Vinyl-coated bow cover wraps around bow to reduce tarp wear and grain splatter. Prevents rust and "black mark transfer."



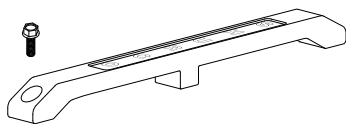
**TURNING POINT™ BOWS**

Operated from the ground, bows easily swing aside with just a pull of a rope. Bows latch securely while closed.



**ROLL TUBE DEFLECTOR**

Fastens to latchplate side of trailer and holds roll tube away from trailer to prevent damage to paint job. Fastens with 5/16" x 1" self-tapping screws.



**PROFESSIONAL TARP REPAIR KIT**

Repair tarp professionally using the heat-seal method. No messy adhesives or solvents. Kit includes Wagner heat gun, scissors, roller, 12' of 18-oz. or 22-oz. tarp pieces (specify color) and instructions.



**STANDARD TARP REPAIR KIT**

Standard tarp repair kit comes complete with adhesive, cleaner, 10' of tarp (specify color) and instructions.

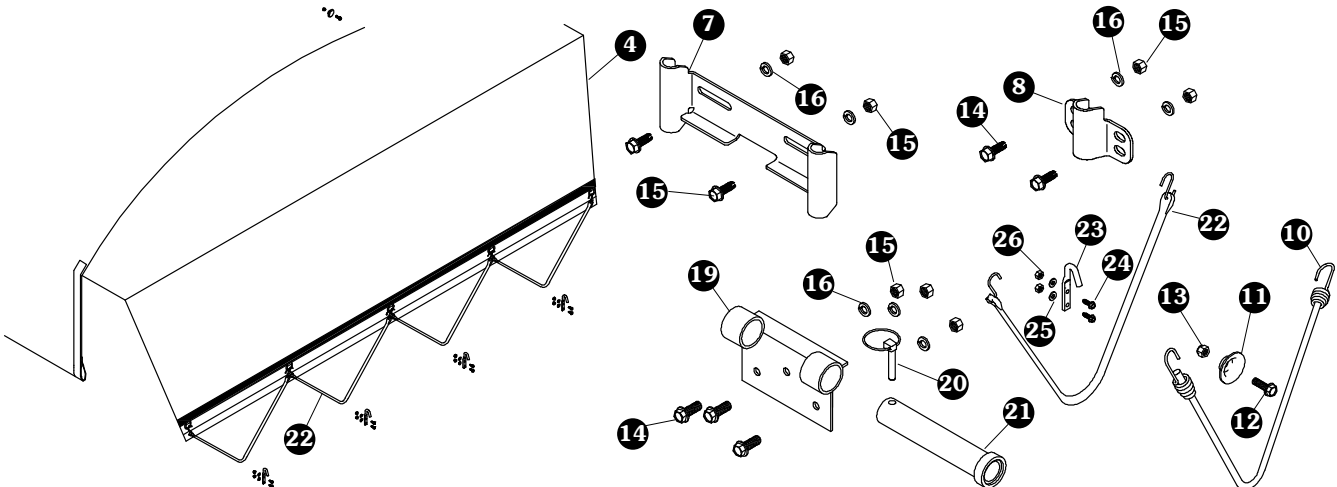
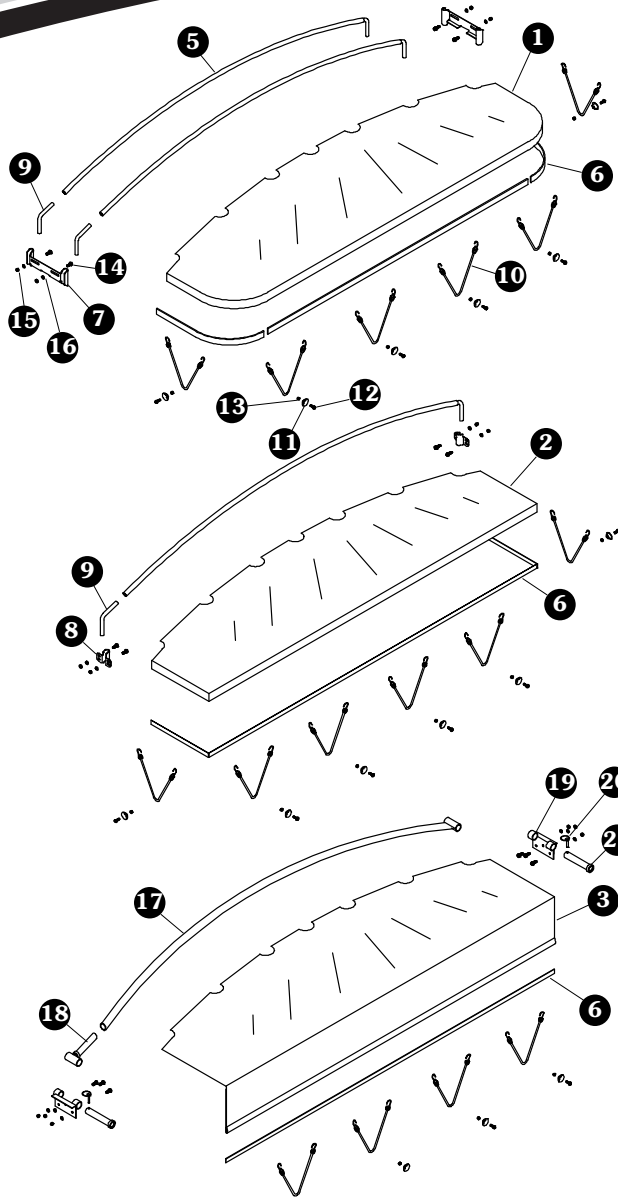


**TARP OPTIONS**

18-oz. or 22-oz. heavy-duty fabric, multicolored tarps, personalized tarps, reinforcements, extra length or width, 13 vibrant colors available.

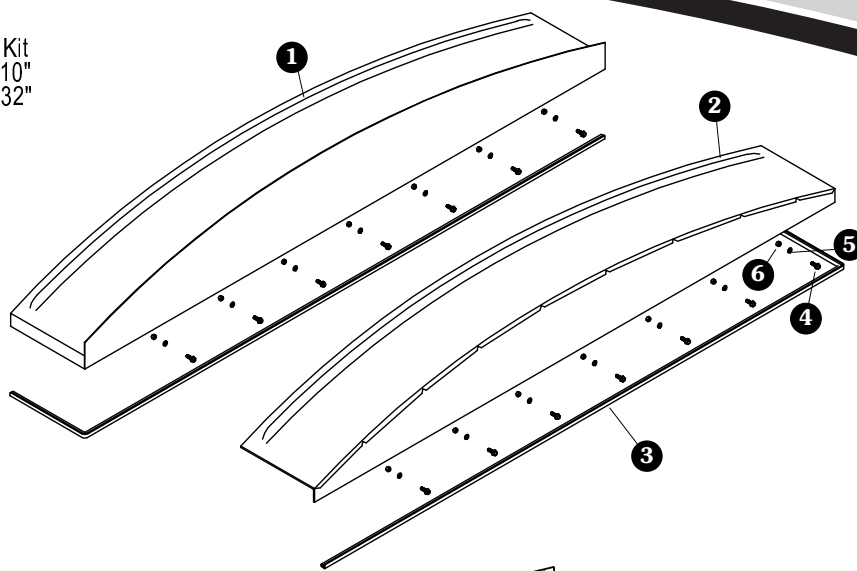
**END CAPS - FABRIC**

Item	Part #	Description
	1102903	Single Back Low-Rise Hvy.-Duty Fabric Cap/Flap Hdw.
	1102829	Single Back High-Rise Hvy.-Duty Fabric Cap/Flap Hdw.
	1100642	Double Front Low-Rise Fabric Cap Hdw.
	1100641	Double Front High-Rise Fabric Cap Hdw.
	1100640	Single Back Low-Rise Std Fabric Cap Hdw.
	1100639	Single Back High-Rise Std Fabric Cap Hdw.
	1113359	Universal Bracket Single Back Low-Rise Standard Fabric Cap Hdw.
	1113360	Universal Bracket Single Back High-Rise Standard Fabric Cap Hdw.
1.	_____	Front Cap Fabric Only Square Front - 96" Square Front - 102" Radius/Diagonal Front - 96" Radius/Diagonal Front - 102"
2.	_____	Rear Cap Fabric Only Square Back - 96" Square Back - 102"
3.	_____	Rear Flap Fabric Only Dump Flap - 96" Dump Flap - 102"
4.	_____	Poorboy Tail Flap (included w/tarp)
5.	1100760	Low-Rise Bow
	1100762	High-Rise Bow
6.	1700581	Flat Bar - 103"
7.	1108211	Double Bow Bracket
8.	1120836	Single Bow Bracket
9.	1100695	Low-Rise Bow Shank
	1106925	High-Rise Bow Shank
10.	1700990	Heavy-Duty Shock Cord
11.	1701355	Rope Anchor
12.	1701059	Self-Tapping Screw - 5/16" x 1"
13.	1700419	Nylon Lock Nut - 5/16"
14.	1700400	Self-Tapping Screw - 3/8" x 1"
15.	1700407	Hex Nut - 3/8"
16.	1700434	Lock Washer - 3/8"
17.	1106612	Heavy-Duty Low-Rise Bow
	1101927	Heavy-Duty High-Rise Bow
18.	1104706	Heavy-Duty Bow Shank
19.	1106614	Heavy-Duty Bow Bracket
20.	1701098	Lynch Pin
21.	1104123	Heavy-Duty Bow Pin
22.	1700650	Rubber Tarp Strap
23.	1700682	Box Hook
24.	1700403	Self-Tapping Screw - 1/4" x 3/4"
25.	1700427	Flat Washer - 1/4"
26.	1701543	Nylon Lock Nut - 1/4"



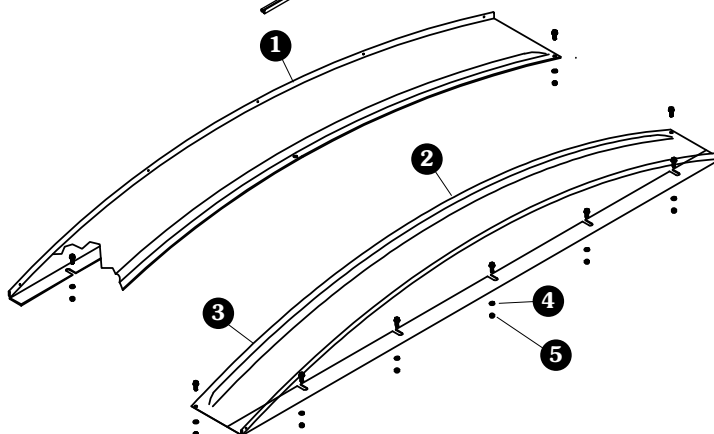
**END CAPS - ALUMINUM**

Item	Part #	Description
	1107787	Metal Cap Mounting Hardware - Bolt Kit
	1107785	Alum. Cap Mtg. Hdw. w/Trim Seal - 110"
	1107786	Alum. Cap Mtg. Hdw. w/Trim Seal - 132"
1.		Aluminum Front Caps
		Square Front - 94"
		Square Front - 96"
		Square Front - 102"
		Radius/Diagonal Front - 96"
		Radius/Diagonal Front - 102"
		Universal Front - 96"
		Universal Front - 102"
2.		Aluminum Back Caps
		Square Back - 94"
		Square Back - 96"
		Square Back - 102"
		Flat Back Cap
3.	1100165	Trim Seal - 110"
	1100357	Trim Seal - 132"
	1700152	Trim Seal (per foot)
4.	1700400	Self-Tapping Screw - 3/8" x 1"
5.	1700434	Lock Washer - 3/8"
6.	1700407	Hex Nut - 3/8"



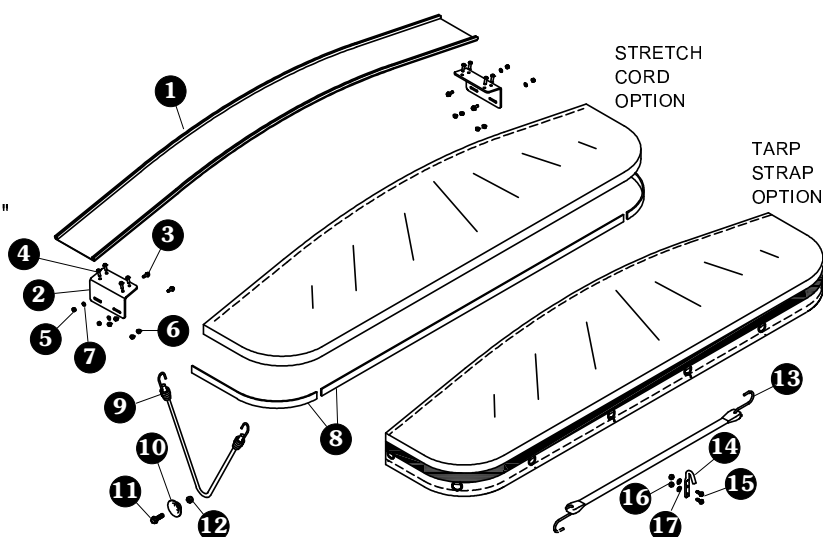
**END CAPS - GALVANIZED STEEL**

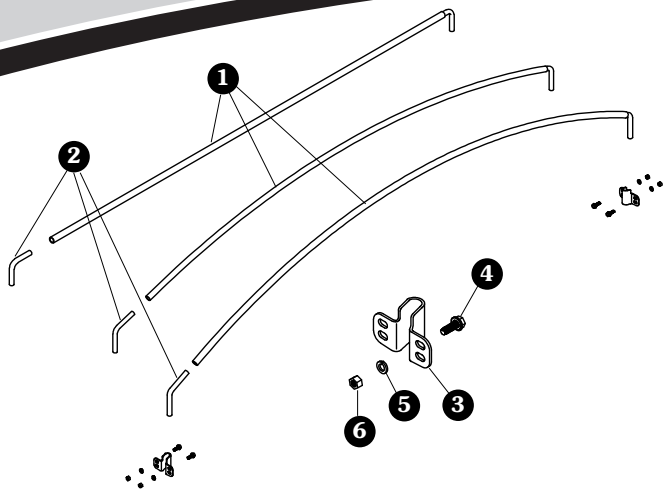
Item	Part #	Description
	1107787	Metal Cap Mounting Hardware - Bolt Kit
1.	1108977	Galvanized Low-Rise Cap - 94"
	1108980	Galvanized Low-Rise Cap - 95"
	1108983	Galvanized Low-Rise Cap - 100"
2.	1108986	Galvanized High-Rise Cap - 93"
	1108989	Galvanized High-Rise Cap - 95"
	1108992	Galvanized High-Rise Cap - 100"
3.	1700400	Self-Tapping Screw - 3/8" x 1"
4.	1700434	Lock Washer - 3/8"
5.	1700407	Hex Nut - 3/8"



**COMBO CAPS**

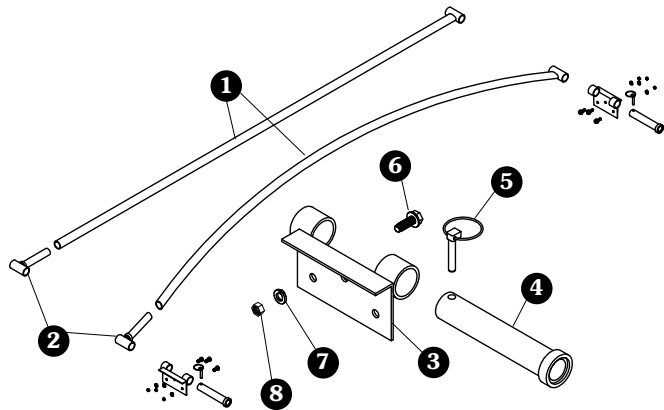
Item	Part #	Description
1.	1122863	Combo Bow - 90 1/2" x 8" Rise
	1122862	Combo Bow - 104 1/2" x 12" Rise
	1122865	Combo Bow - 98 1/2" x 12" Rise
2.	1122897	Combo Bow Bracket - 12°
	1122899	Combo Bow Bracket - 17°
3.	1700400	Self-Tapping Screw - 3/8" x 1"
4.	1704706	Button Head Cap Screw - 3/8" x 1 1/4"
5.	1700407	Hex Nut - 3/8"
6.	1701283	Top Lock Flange Nut - 3/8"
7.	1700434	Lock Washer - 3/8"
8.	1700581	Flat Bar - 1/8" x 1" x 103"
9.	1700990	Heavy-Duty Stretch Cord - 18"
10.	1701355	Rope Anchor
11.	1701059	Self-Tapping Screw - 5/16" x 1"
12.	1700419	Nylon Lock Nut - 5/16"
13.	1700650	Rubber Tarp Strap - 21"
14.	1700682	Box Hook - 5/16" Holes
15.	1700403	Self-Tapping Screw - 1/4" x 3/4"
16.	1701543	Nylon Lock Nut - 1/4"
17.	1700427	Flat Washer - 1/4"





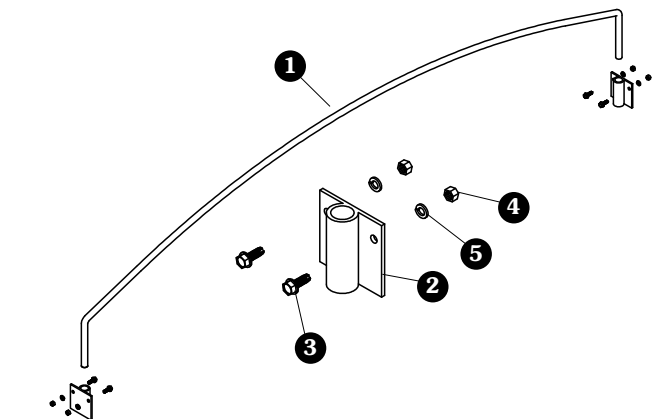
**BOWS - STANDARD STEEL**

Item	Part #	Description
	1111781	Standard Flat Bow Kit
	1100766	Standard Low-Rise Bow Kit
	1100768	Standard High-Rise Bow Kit
	1109139	Standard Low-Rise Bow Kit w/Universal Bracket
	1109091	Standard High-Rise Bow Kit w/Universal Bracket
1	1100760	Standard Low-Rise Bow
	1100762	Standard High-Rise Bow
	1109149	Standard Flat Bow
2	1100695	Standard Low-Rise Bow Shank
	1106925	Standard High-Rise Bow Shank
	1109150	Standard Flat Bow Shank
3	1120836	Single Bow Bracket
4	1700400	Self-Tapping Screw - 3/8" x 1"
5	1700434	Lock Washer - 3/8"
6	1700407	Hex Nut - 3/8"



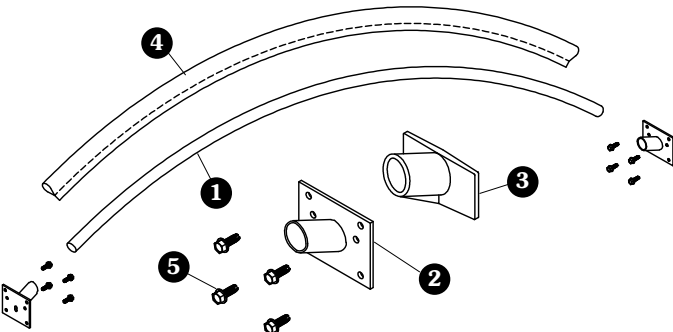
**BOWS - HEAVY-DUTY**

Item	Part #	Description
	1112667	Heavy-Duty Flat Bow Kit
	1106615	Heavy-Duty Low-Rise Bow Kit
	1102697	Heavy-Duty High-Rise Bow Kit
1.	1106612	Heavy-Duty Low-Rise Bow
	1101927	Heavy-Duty High-Rise Bow
	1112669	Heavy-Duty Flat Bow
2.	1104706	Heavy-Duty Bow Shank
3.	1106614	Heavy-Duty Bow Bracket
4.	1104123	Heavy-Duty Bow Pin
5.	1701098	Lynch Pin - 5/16" x 1 3/4"
6.	1700400	Self-Tapping Screw - 3/8" x 1"
7.	1700434	Lock Washer - 3/8"
8.	1700407	Hex Nut - 3/8"



**BOWS - ALUMINUM**

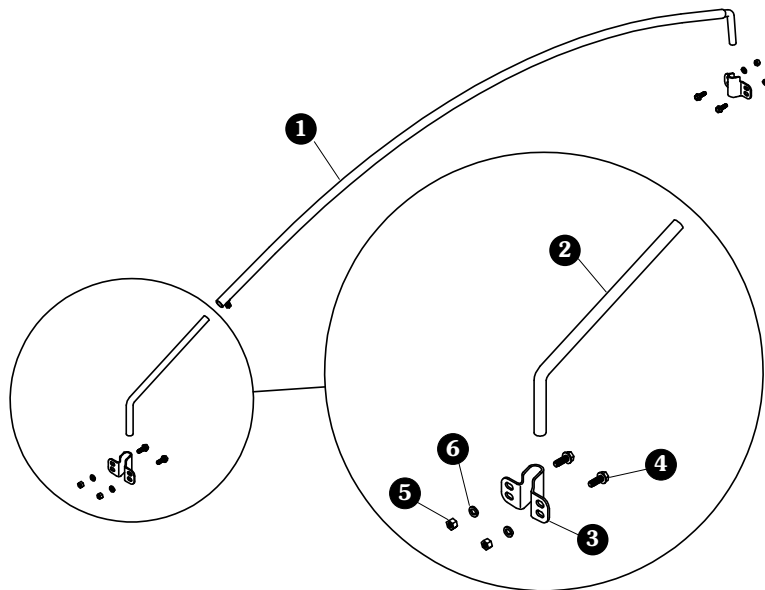
Item	Part #	Description
1.	_____	Solid Aluminum Low-Rise Bow
	_____	Solid Aluminum High-Rise Bow
2.	1109110	Aluminum Bow Pocket
3.	1700400	Self-Tapping Screw - 3/8" x 1"
4.	1700407	Hex Nut - 3/8"
5.	1700434	Lock Washer - 3/8"



**BOWS - FLEXBOW®**

Item	Part #	Description
	1110652	Flexbow® - 97" Bow Kit - Steel Bracket
	1112186	Flexbow® - 102" Bow Kit - Steel Bracket
	1111656	Flexbow® - 97" Bow Kit - Aluminum Bracket
	1112187	Flexbow® - 102" Bow Kit - Aluminum Bracket
1	1702625	Flexbow® - 97"
	1702857	Flexbow® - 102"
2.	1110637	Steel Flexbow® Bracket
3.	1704165	Aluminum Flexbow® Bracket
4.	1111335	Flexbow® Sock
5.	1700400	Self-Tapping Screw - 3/8" x 1"



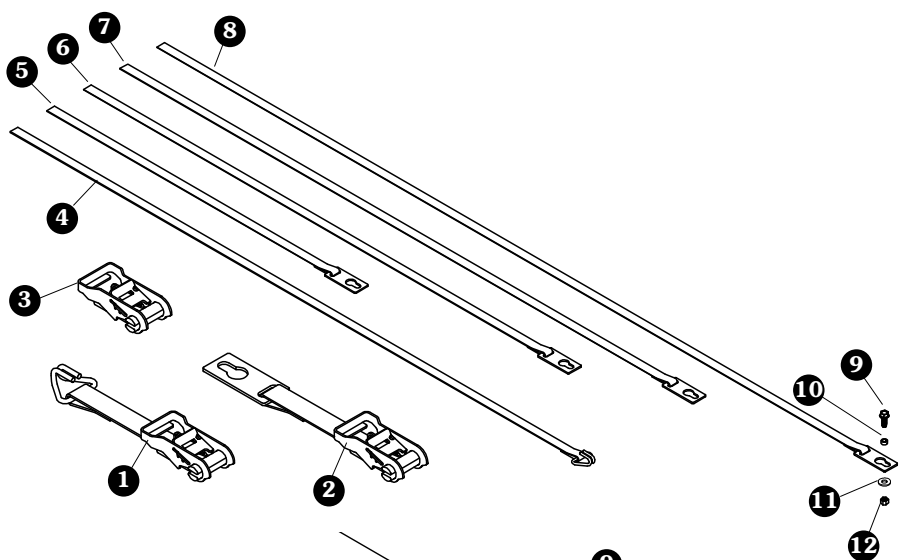


**ADJUSTABLE BOWS**

Item	Part #	Description
1.	1122759	Adjustable Bow - 8" Rise - 84" to 92" - Inside
	1122627	Adjustable Bow - 10" Rise - 84" to 92" - Inside
	1122818	Adjustable Bow - 8" Rise - 93" to 101" - Inside
	1122819	Adjustable Bow - 10" Rise - 93" to 101" - Inside
	1122820	Adjustable Bow - 12" Rise - 93" to 101" - Inside
2.	1122821	Adjustable Bow Shank - 108°
	1122626	Adjustable Bow Shank - 114°
	1122822	Adjustable Bow Shank - 117°
3.	1120836	Single Bow Bracket
4.	1700400	Self-Tapping Screw - 3/8" x 1"
5.	1700407	Hex Nut - 3/8"
6.	1700434	Lock Washer - 3/8"

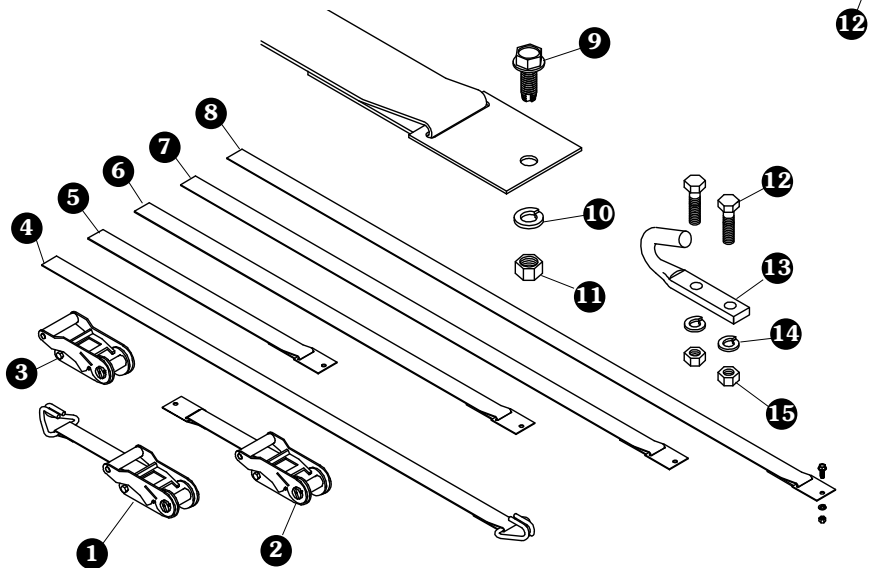
**RIDGE STRAPS - 1-INCH**

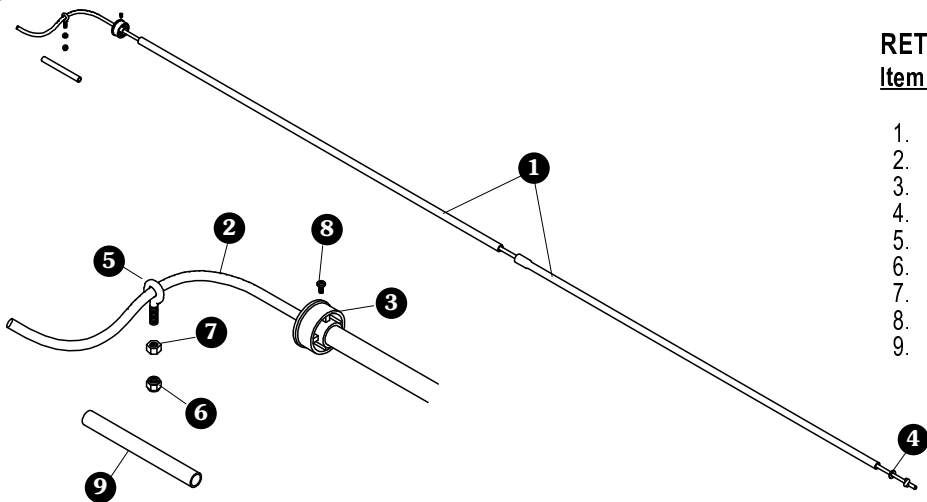
Item	Part #	Description
	1101685	Ridge Strap Kit w/Anchor 1" x 25'
	1101686	Ridge Strap Kit w/Anchor 1" x 39'
	1101687	Ridge Strap Kit w/Anchor 1" x 46'
	1107068	Ridge Strap Kit w/Anchor 1" x 56'
	1101833	Ridge Strap Kit w/Hook 1" x 46'
1.	1106153	Ratchet w/1" Ridge Strap & Hook
2.	1101678	Ratchet w/1" Ridge Strap & Anchor
3.	1700836	Ratchet - 1" Web
4.	1101835	Ridge Strap w/Hook - 1" x 46'
5.	1101680	Ridge Strap w/Anchor - 1" x 25'
6.	1101681	Ridge Strap w/Anchor - 1" x 39'
7.	1101682	Ridge Strap w/Anchor - 1" x 46'
8.	1107066	Ridge Strap w/Anchor - 1" x 56'
9.	1700400	Self-Tapping Screw - 3/8" x 1"
10.	1101683	Anchor Bushing
11.	1701176	Flat Washer - 3/8"
12.	1700418	Centerlock Nut - 3/8"



**RIDGE STRAPS - 2-INCH**

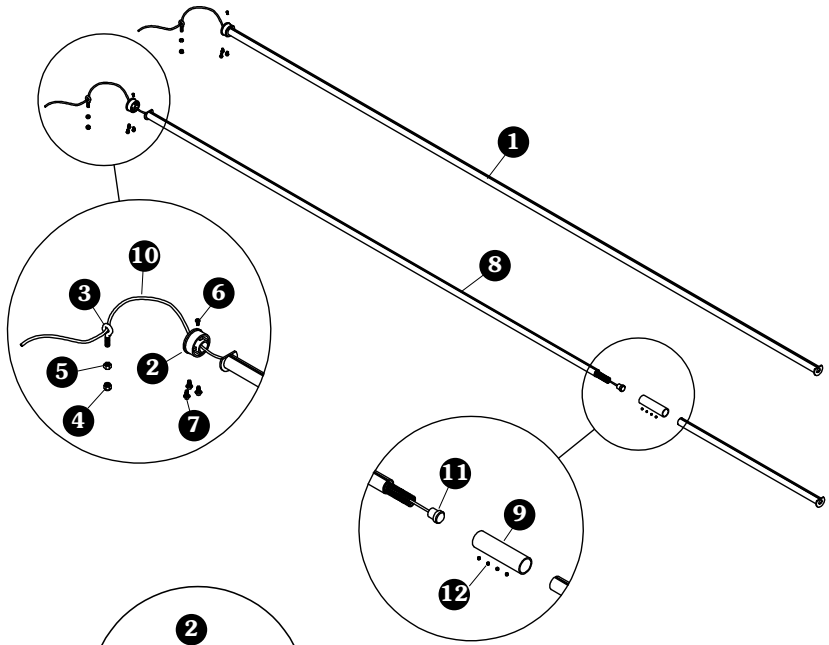
Item	Part #	Description
	1100783	Ridge Strap Kit w/Anchor - 2" x 25'
	1100784	Ridge Strap Kit w/Anchor - 2" x 39'
	1100774	Ridge Strap Kit w/Anchor - 2" x 46'
	1107069	Ridge Strap Kit w/Anchor - 2" x 56'
	1111823	Ridge Strap Kit w/ Hook - 2" x 46'
1.	1111818	Ratchet w/2" Ridge Strap & Hook
2.	1100594	Ratchet w/2" Ridge Strap & Anchor
3.	1700519	Ratchet - 2" Web
4.	1111817	Ridge Strap w/Hook - 2" x 46'
5.	1100571	Ridge Strap w/Anchor - 2" x 25'
6.	1100579	Ridge Strap w/Anchor - 2" x 39'
7.	1100580	Ridge Strap w/Anchor - 2" x 46'
8.	1107067	Ridge Strap w/Anchor - 2" x 56'
9.	1700400	Self-Tapping Screw - 3/8" x 1"
10.	1700434	Lock Washer - 3/8"
11.	1700407	Hex Nut - 3/8"
12.	1700381	Cap Screw - 1/4" x 1"
13.	1700682	Box Hook
14.	1700436	Lock Washer - 1/4"
15.	1700408	Hex Nut - 1/4"





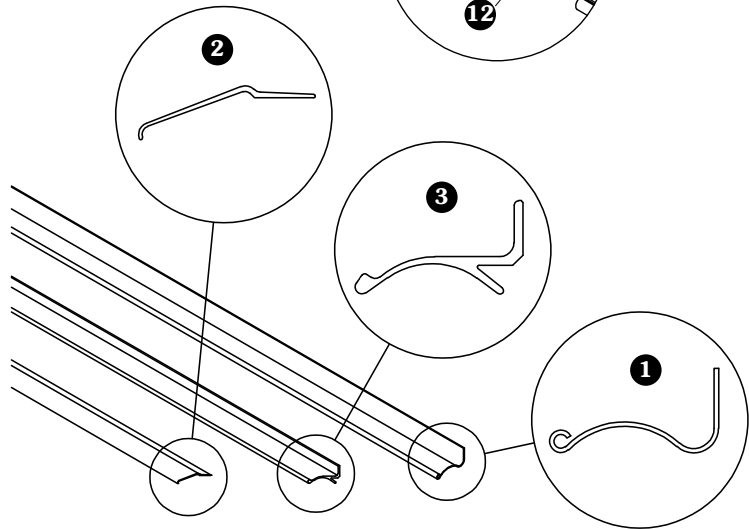
**RETURNS - STRETCH CORD**

Item	Part #	Description
	1114359	Stretch Cord Roll Return Kit
1.	1111067	Roll Return Tube Set
2.	1114360	Stretch Cord
3.	1100138	Nylon End Plug
4.	1703373	Flat Washer - 1/2"
5.	1700717	Eyebolt Anchor - 5/16"
6.	1700419	Nylon Lock Nut - 5/16"
7.	1700411	Hex Nut - 5/16"
8.	1704743	Self-Drilling Screw - #10 x 1/2"
9.	1107680	Roll Return Cord Cover



**RETURNS - SHUR-RETURN™**

Item	Part #	Description
	1100824	Shur-Return™ Kit
	1107881	UPS-able Shur-Return™ Kit
1.	1100832	Tube Assembly
2.	1100138	Nylon End Plug
3.	1700717	Eyebolt Anchor - 5/16"
4.	1700419	Nylon Lock Nut - 5/16"
5.	1700411	Hex Nut - 5/16"
6.	1704743	Self-Drilling Screw - #10 x 1/2"
7.	1700736	Self-Tapping Screw - 1/4" x 1/2"
8.	1107880	UPS-able Shur-Return™
9.	1107879	Connector Sleeve
10.	1100826	Shur-Return™ Rope
11.	1100827	Shur-Return™ Spring Retainer Plug
12.	1701423	Set Screw - #10 x 3/16"

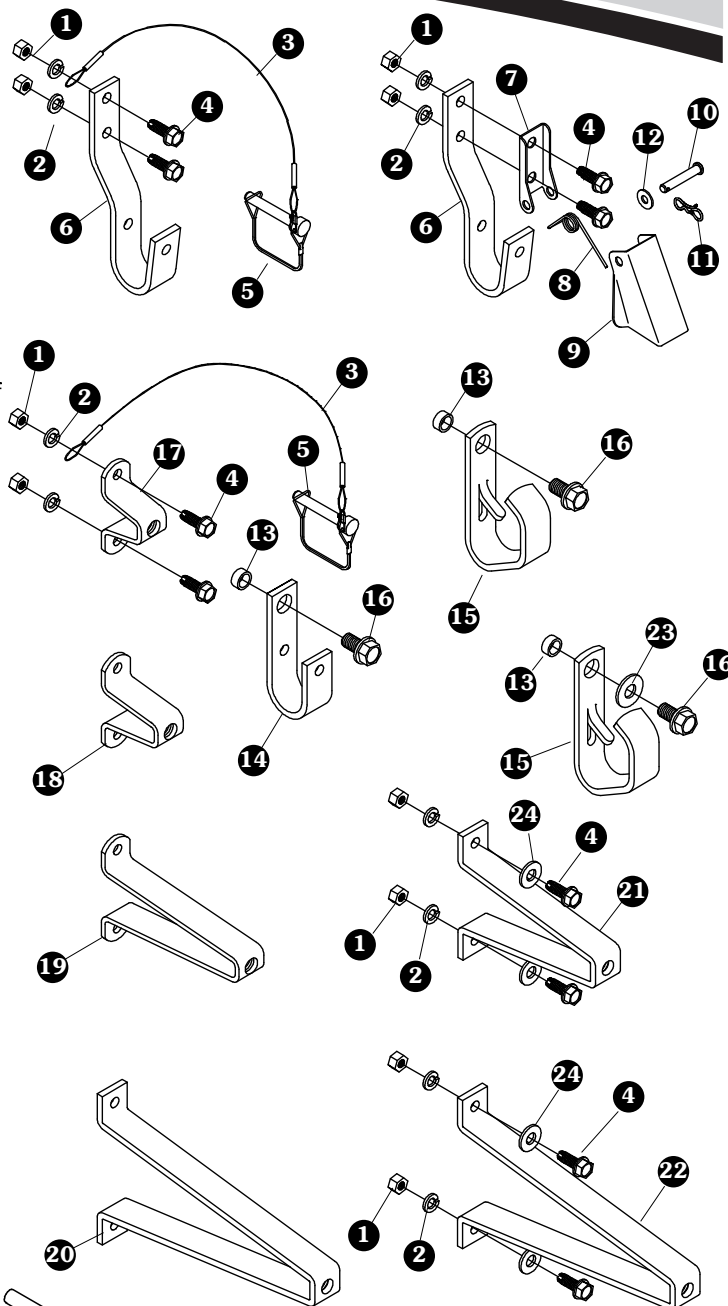


**LATCHPLATES**

Item	Part #	Description
1.	1701546	Galvanized Side-Mount Latchplate - 4'
	1113005	Galvanized Side-Mount Latchplate - 6'
	1701547	Galvanized Side-Mount Latchplate - 8'
2.	1100370	Aluminum Top-Mount Latchplate - 4'
	1100369	Aluminum Top-Mount Latchplate - 6'
	1100368	Aluminum Top-Mount Latchplate - 8'
3.	1100749	Aluminum Side-Mount Latchplate - 4'
	1700802	Aluminum Side-Mount Latchplate - 6'
	1700522	Aluminum Side-Mount Latchplate - 8'

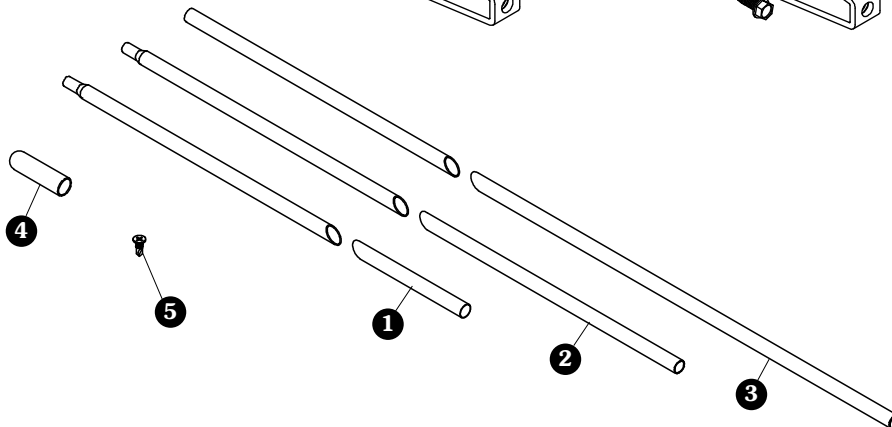
**CRANK RETAINERS**

Item	Part #	Description
	1100386	Crank Retainer Kit w/7" Standoff
	1100388	Crank Retainer Kit w/2" Standoff
	1107047	Pinless Crank Retainer Kit w/7" Standoff
	1107048	Pinless Crank Retainer Kit w/2" Standoff
	1107052	Pinless Crank Retainer Hardware Kit
	1101929	Offset Crank Retainer Kit
	1114603	Offset Pinless Crank Retainer Kit
	1114602	Offset Pinless Crank Retainer Retrofit Kit
	1115515	Stainless Pinless Crank Retainer Kit w/7" Standoff
	1115516	Stainless Pinless Crank Retainer Kit w/11" Standoff
1.	1700407	Hex Nut - 3/8"
	1200999	Stainless Hex Nut - 3/8"
2.	1700434	Lock Washer - 3/8"
	1703576	Stainless Lock Washer - 3/8"
3.	1100574	Cable w/#5 Interlock Snap
4.	1700400	Self-Tapping Screw - 3/8" x 1"
	1703579	Stainless Cap Screw - 3/8" x 1"
5.	1700526	Wire Lock Pin
6.	1101930	Offset J-Hook - Crank Retainer
7.	1114599	Offset Pinless Crank Retainer Base Plate
8.	1703134	Tension Spring
9.	1114600	Offset Pinless Crank Retainer Lock
10.	1703133	Clevis Pin - 5/16" x 1 3/4"
11.	1704380	Bowtie Cotter Pin - 1 3/8"
12.	1700427	Flat Washer - 1/4"
13.	1100306	Retainer Bushing - 11/16"
14.	1100040	J-Hook Crank Retainer
15.	1107049	Pinless Crank Retainer
	1115514	Stainless Pinless Crank Retainer
16.	1702996	Cap Screw - 1/2" x 1 1/4"
	1703619	Stainless Cap Screw - 1/2" x 1 1/4"
17.	1100137	Crank Retainer Standoff - 2"
18.	1107080	Crank Retainer Standoff - 3"
19.	1100033	Crank Retainer Standoff - 7"
20.	1109478	Crank Retainer Standoff - 11"
21.	1115511	Stainless Crank Retainer Standoff w/Nut - 7"
22.	1115513	Stainless Crank Retainer Standoff w/Nut - 11"
23.	1703620	Stainless Flat Washer - 1/2"
24.	1703577	Stainless Flat Washer - 3/8"



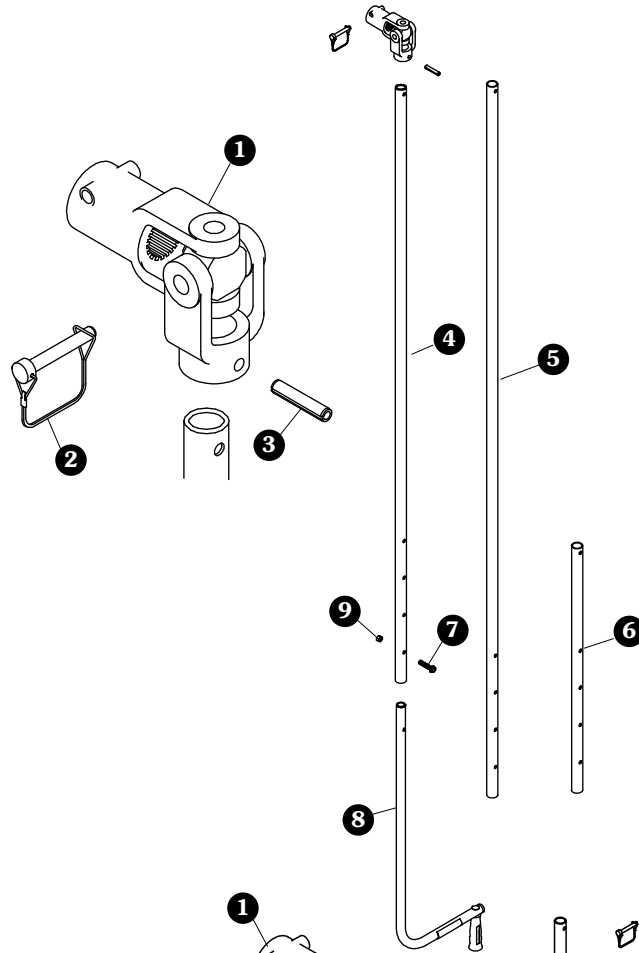
**RIDGEPOLES**

Item	Part #	Description
	1105310	Rollaway Ridgeway Hardware
1.	1701204	Ridgeway Tube - 16'
2.	1701205	Ridgeway Tube - 20'
3.	1701206	Ridgeway Tube - 24'
4.	1700212	Protective Cap
5.	1704768	Self-Drilling Screw - 1/4" x 3/4"



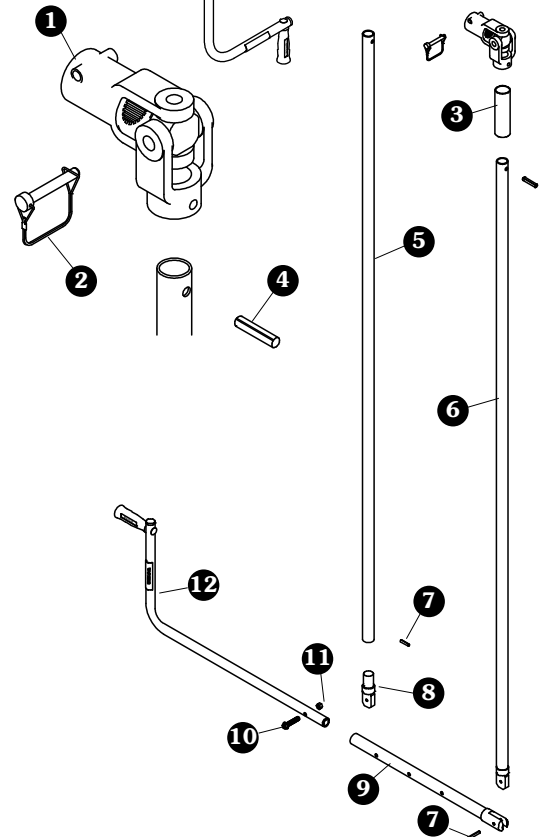
**CRANK ARMS - STANDARD**

Item	Part #	Description
	1100816	Standard Shur-Lok® Crank Arm Kit
	1100813	Long Shur-Lok® Crank Arm Kit
	1100812	Short Shur-Lok® Crank Arm Kit
1.	1701243	Splined U-Joint
2.	1700526	Wire Lock Pin
3.	1700443	Spring Pin - 3/8" x 2"
4.	1100028	Crank Extension - 80"
5.	1106449	Crank Extension - 96"
6.	1100687	Crank Extension - 33"
7.	1700369	Cap Screw - 3/8" x 1 3/4"
8.	1100171	Standard Crank Arm - 24"
	1100069	Long Crank Arm - 60"
9.	1700418	Centerlock Nut - 3/8"



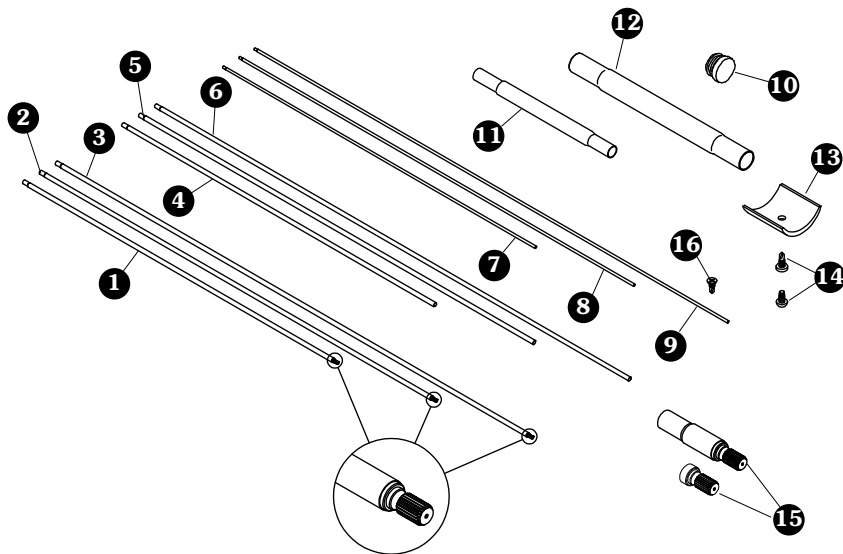
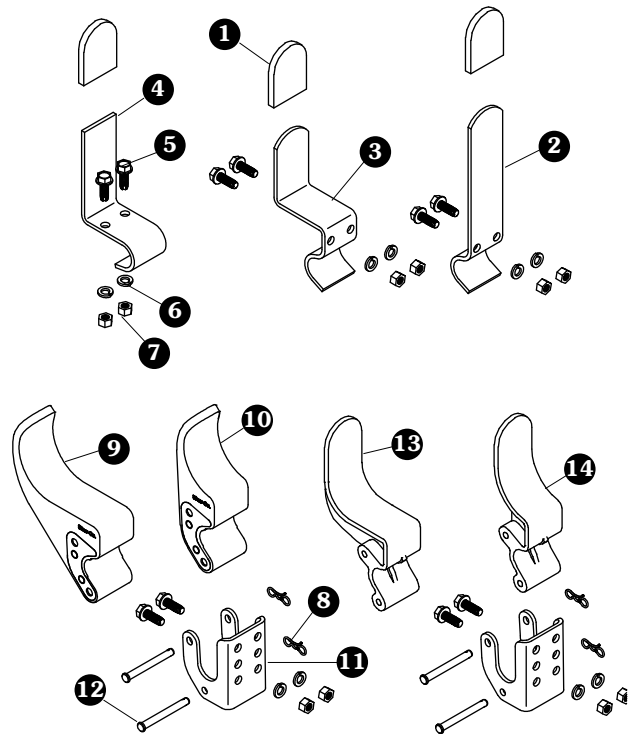
**CRANK ARMS - SHUR-FLEX™**

Item	Part #	Description
	1101931	Shur-Flex™ Crank Arm Kit - 40" Upper Extension
	1107918	Shur-Flex™ Crank Arm Kit - 54" Upper Extension
	1105176	Shur-Flex™ Crank Arm Kit - 96" Upper Extension
	1102782	Shur-Flex™ Universal Crank Arm Kit - 96" Extension
1.	1701243	Splined U-Joint
2.	1700526	Wire Lock Pin
3.	1101924	Lock Tube - 5 1/2"
4.	1700443	Spring Pin - 3/8" x 2"
5.	1105001	Shur-Flex™ Upper Crank Extension - 40"
	1105050	Shur-Flex™ Upper Crank Extension - 54"
	1105049	Shur-Flex™ Upper Crank Extension - 96"
6.	1100028	Crank Extension - 80"
7.	1701118	Spring Pin - 1/4" x 1 3/16"
8.	1101921	Male Knuckle
	1101920	Female Knuckle
9.	1102691	Lower Extension - 20"
10.	1700369	Cap Screw - 3/8" x 1 3/4"
11.	1700418	Centerlock Nut - 3/8"
12.	1100171	Standard Crank Arm - 24"



**TARP STOPS**

Item	Part #	Description
	1118389	Bowtie Cotter/Pin Ring Assembly
	1111092	Standard Tarp Stop Kit
	1111093	Offset Tarp Stop Kit
	1111096	Recessed Tarp Stop Kit
	1111094	Easy-Off Aluminum Tarp Stop Kit
	1111095	Easy-Off Aluminum 6" Offset Tarp Stop Kit
	1114047	Easy-Off Flexible Tarp Stop Kit
	1114388	Easy-Off Flexible 6" Offset Tarp Stop Kit
	1124768	Easy-Off Aluminum Tarp Stop Assembly
	1124771	Easy-Off Aluminum 6" Offset Tarp Stop Assembly
	1114017	Easy-Off Flexible Tarp Stop Assembly
	1114515	Easy-Off Flexible 6" Offset Tarp Stop Assembly
1.	1700729	Protective Cap
2.	1100049	Standard Tarp Stop
3.	1100392	Offset Tarp Stop
4.	1105163	Recessed Tarp Stop
5.	1700400	Self-Tapping Screw - 3/8" x 1"
6.	1700434	Lock Washer - 3/8"
7.	1700407	Hex Nut - 3/8"
8.	1704380	Bowtie Cotter Pin
9.	1115217	Easy-Off Flexible 6" Offset Tarp Stop w/Safety Plate
10.	1115216	Easy-Off Flexible Tarp Stop w/Safety Plate
11.	1100833	Easy-Off Tarp Stop Body
12.	1703604	Clevis Pin - 5/16" x 2 7/8"
13.	1705454	Easy-Off Aluminum 6" Offset Tarp Stop Upright
14.	1705775	Easy-Off Aluminum Tarp Stop Upright



**TARP TUBES**

Item	Part #	Description
1.	1107057	Roll Tube w/Spline - 2" x 16'
2.	1107058	Roll Tube w/Spline - 2" x 20'
3.	1107059	Roll Tube w/Spline - 2" x 24'
4.	1700048	Roll Tube - 2" x 16'
5.	1700046	Roll Tube - 2" x 20'
6.	1701427	Roll Tube - 2" x 24'
7.	1700051	Fixed Tube - 1 1/8" x 16'
8.	1700049	Fixed Tube - 1 1/8" x 20'
9.	1701428	Fixed Tube - 1 1/8" x 24'
10.	1700523	Plastic End Plug
11.	1107077	Fixed Tube Swaged Connector
12.	1107076	Roll Tube Swaged Connector
13.	1701354	Plastic U-Clamp
14.	1700398	Self-Drilling Screw - 1/4" x 3/4"
	1700736	Self-Tapping Screw - 1/4" x 1/2"
15.	1107260	Spline Shaft Replacement
	1701244	Spline Shaft w/o Connector Tube
16.	1704768	Self-Drilling Screw - 1/4" x 3/4"





# MORE QUALITY PRODUCTS FROM SHUR-CO®

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- **Genuine Replacement Tarps**
- **Genuine Replacement Parts**
  
- **Agriculture Products**
  - Value Series Shur-Lok®
  - Super Duty Shur-Lok®
  - Shur-Lok® Junior
  - Premium Belt 'n Ratchet
  - Cable-Lok™
  - Turning Point™ Bow
  
- **SMARTrailer™ Accessories for Agriculture Products**
  - SMART2™ Remote
  - SMART1 +™ Remote
  - 4500 Series HD Electric
  - AutoTrap™ Hopper Opener
  - ProTrap® Hopper Opener
  - LiteALL™ Work Lights
  - Cable-Lok™ Electric Upgrade
  - Electric Turning Point™ Bow
  - Value Series Electric
  - Solar Power Pack
  
- **Flatbed Products**
  - ShurTite™ Retractable Tarps
  - Stock Lumber & Steel Tarps
  - Steel Tarps
  
- **Custom Products**
  - Fitted Truck Covers
  - Flat Utility Tarps
  - Bean Drill Covers
  - Shur-Lok® Tarp Cords
  
- **Construction Products**
  - Super Duty Shur-Lok®
  - Shur-Trak II™
  - Cover-Pro II®
  - Turning Point™ Bow
  - IronSide™ Side-Dump System
  - Arm-Matic™
  - DuraPull™
  - Econo-Pull™
  - Turbo Tarp2 DONOVAN BRAND
  - 2000 Series DONOVAN BRAND
  - 5000 Series DONOVAN BRAND
  - Hammer DONOVAN BRAND
  - Bullet DONOVAN BRAND
  - Flash DONOVAN BRAND
  - Long Arm DONOVAN BRAND
  
- **SMARTrailer™ Accessories for Construction Products**
  - 4500 Series HD Electric w/Gate Flex™
  - Shur-Trak II™ Electric Upgrade
  - Cover-Pro II® Electric Upgrade
  - Electric Turning Point™ Bow
  - Solar Power Pack
  
- **Waste Products DONOVAN BRAND**
  - The Ox™
  - Quick-Flip III
  - Sidewinder
  - Sidewinder 350
  - HyTower SL
  - HyTower DL
  - Double-Flip

TARPING SYSTEMS & ACCESSORIES

