



ENGINEERED TARPING SOLUTIONS

P/N 1105190 Rev. K

OWNER'S MANUAL



Shur-Lok[®] Jr. for Gravity Boxes

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

SHOP ONLINE: www.shopshurco.com

SHIPPING. All orders are shipped F.O.B. from the Shur-Co®, LLC sites listed below. There will be no full freight 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 the size and weight of the 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 the 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. Shur-Co®, LLC warrants that all new products are free from 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. Our obliga-

tion under this warranty is limited to repairing or, at our option, replacing any part that is returned, transportation prepaid, to Shur-Co®, LLC, Yankton, SD, if the product is, in our judgement, defective. All materials returned without prior authorization will be refused. We shall not be liable or responsible to supply or pay labor to replace any part found defective nor liable for damages of any kind or nature to person, product, property or downtime. There are no warranties for used products or products that have been repaired, altered, modified or subjected to misuse, negligence, accident or ordinary wear and tear. We will not honor claims if non-Genuine Shur-Co® parts are used.

* Certain products have specific warranties that differ from this statement, i.e. motors and electronics. Product-specific documentation is available for these items.

RETURN POLICY. All sales are final. Returns for warranty must be accompanied by a Return Merchandise Authorization number (RMA#) to ensure proper credit. Transportation charges must be prepaid on returned warranty goods. C.O.D. returns will not be accepted. Upon confirmation of deficiencies by inspection, the merchandise will be corrected and returned prepaid, or purchase price credited if still under warranty. All other returns are subject to a 15% restocking fee. Any deviations to above merchandise returns must be preapproved. All prices, product listings, sizes, weights and manufacturing details are subject to change without notice. If a return is scheduled to be picked up by Shur-Co®, LLC, no storage charges will be paid by Shur-Co®, LLC prior to pickup. We will pick up the merchandise at our earliest convenience. No person is authorized to modify the foregoing conditions of sale whatsoever.

SHUR-CO® OF SOUTH DAKOTA

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2309 Shur-Lok St., PO Box 713
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Fax - 701.277.1283

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10220 Brighton Rd., Unit #1
Henderson, CO 80640
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Fax - 303.289.2298

SHUR-CO® of ILLINOIS
4350 E. Boyd Rd.
Decatur, IL 62521
Phone - 866.356.0246
Fax - 217.877.8270

SHUR-CO® of IOWA
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Ft. Dodge, IA 50501
Phone - 866.356.0245
Fax - 515.576.5578

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. Repair or replace worn or damaged parts to your system.

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. Always wear safety glasses during installation.**
- 2. Keep body and clothing clear of moving parts.**
- 3. Use only OSHA approved ladders or scaffolding during installation process.**
- 4. No other use of this system is authorized, except as designed.**

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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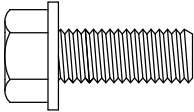
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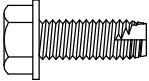
TOOLS REQUIRED


- 1. Welder
- 2. #3 Phillips Screwdriver
- 3. Air or Electric Wrench with 9/16" Socket
- 4. 9/16" Combination Wrench
- 5. 11/32" Drill Bit
- 6. 13/32" Drill Bit
- 7. 5/16" Drill Bit
- 8. Hammer

TARP & PARTS INSPECTION

Inspect parts and tarp upon receipt. With slight tension applied, measure your tarp length, and compare length with the tarp length stated on the sheet attached to your tarp. Do not proceed if your tarp length does not match the tarp length stated on sheet. Call your local dealer, or call Shur-Co.® Customer Service at 1-866-748-7435.

A 
1702996 - Hex Flange Cap Screw - 1/2" x 1 1/4"

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

C 
1700381 - Cap Screw - 1/4" x 1"


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

E 
1700445 - Spring Pin - 1/4" x 1 1/2"

F 
1700717 - Eyebolt Anchor - 5/16"

G 
1700434 - Lock Washer - 3/8"

H 
1700436 - Lock Washer - 1/4"

J 
1700408 - Hex Nut - 1/4"

K 
1700411 - Hex Nut - 5/16"

L 
1700419 - Nylon Lock Nut - 5/16"

M 
1700407 - Hex Nut - 3/8"

NOTE: Throughout this manual where 3/8" x 1" self-tapping screws **B** are used with lock washers and nuts, use washers and nuts if possible and drill 13/32" holes. Self-tapping screws used without washers and nuts require a minimum wall thickness of 3/16". Drill 5/16" holes.

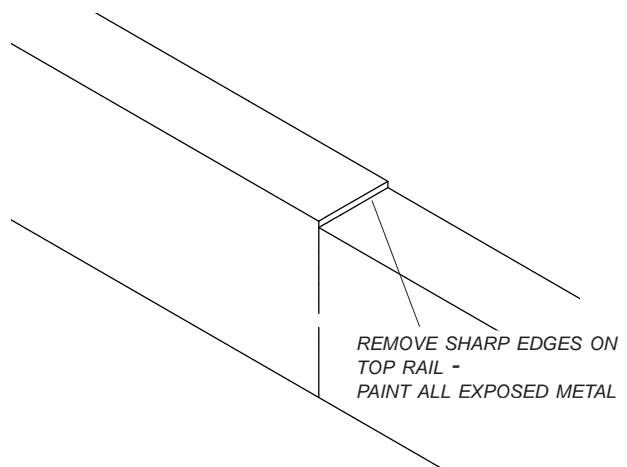
Box Preparation

Prepare your box, before installing your Shur-Lok® Junior tarping system. Remove or grind any sharp edges smooth to prevent tarp damage. If your top rails are uneven or have gaps that cannot be repaired, install additional framework before installing your Shur-Lok® Junior.

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

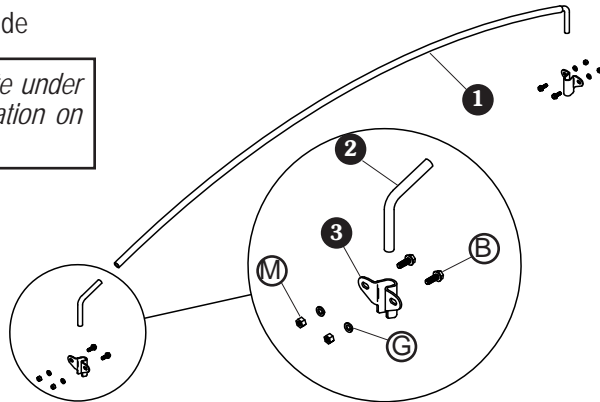
Install your Shur-Lok® Jr. to open from either side of your gravity box.

CAUTION
Box extensions or tip-tops, if used, must be secured to the truck box. System could blow off if box extensions are not secured.



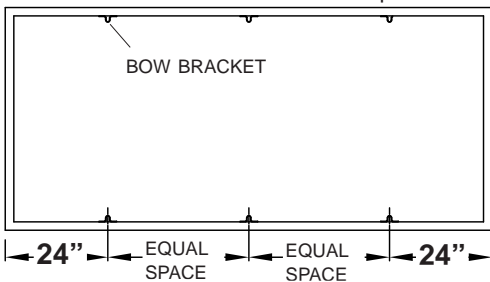
Boxes up to 9 feet wide

NOTE: Refer to note under Hardware Identification on page 1 for drill size.

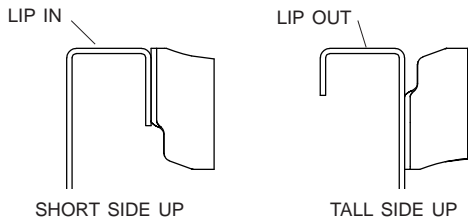


| Item | Part # | Description |
|------|---------|--------------------------------|
| 1. | 1100760 | Std. Low Rise Bow - 93"-102" |
| | 1116120 | Std. Low Rise Bow - 85"-92" |
| | 1117904 | Std. Low Rise Bow - 78"-84" |
| 2. | 1100695 | Std. Low Rise Bow Shank |
| 3. | 1115702 | Universal Single Bow Bracket |
| B. | | Self-Tapping Screw - 3/8" x 1" |
| M. | | Hex Nut - 3/8" |
| G. | | Lock Washer - 3/8" |

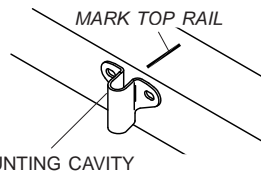
STEP 1: Mark bow bracket locations on top rails as shown.



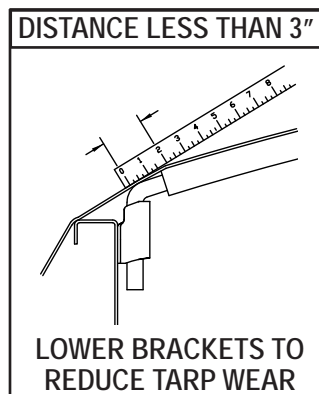
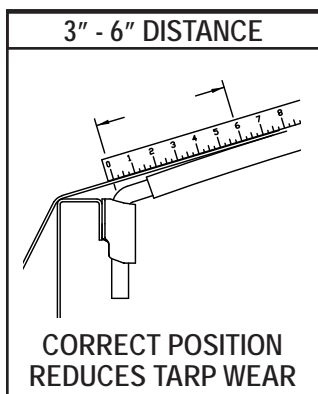
STEP 2: Position single bow brackets with short side up for lip in boxes or tall side up for lip out boxes.



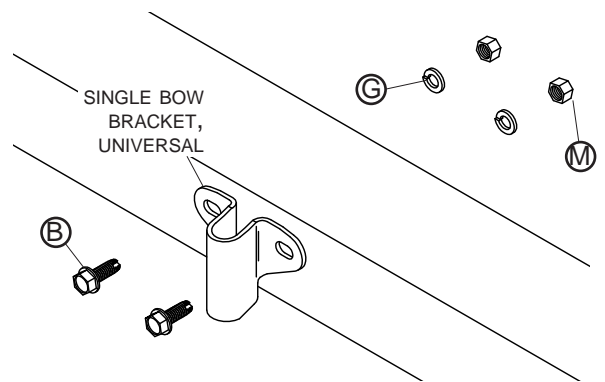
STEP 3: Align center of brackets with mark.



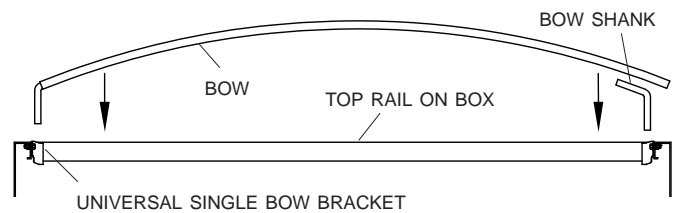
STEP 4: Adjust bow brackets vertically to create a distance of 3"-6" between the bend in the bow shank and the point where the tarp will contact the bow. Clamp brackets to rails.



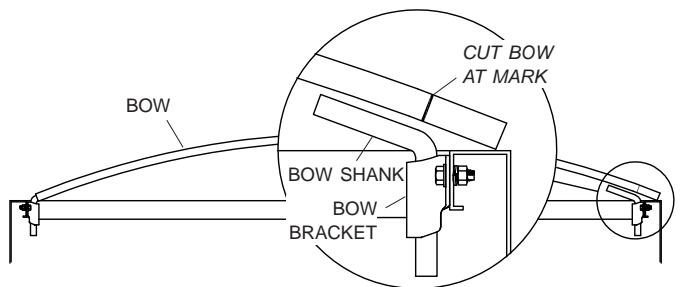
STEP 5: Mark and drill 5/16" holes, mount brackets with screws **B**, washers **G** and nuts **M**.



STEP 6: Place bow into bow bracket. Place loose bow shank in opposite bow bracket.



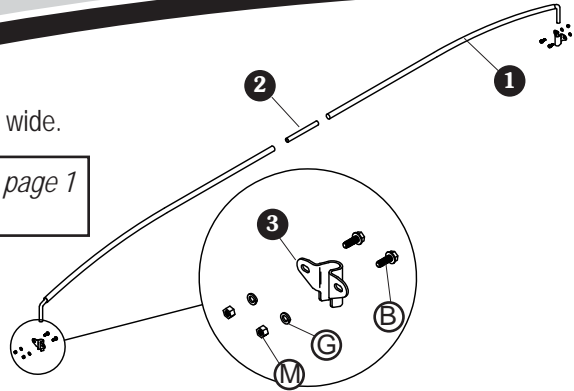
STEP 7: Align bow with bow shank. Mark and cut bow at point where bend starts on shank. Grind edges smooth and weld shank to bow. Install finished bows into bow brackets.



NOTE: Shanks must be welded to bows.

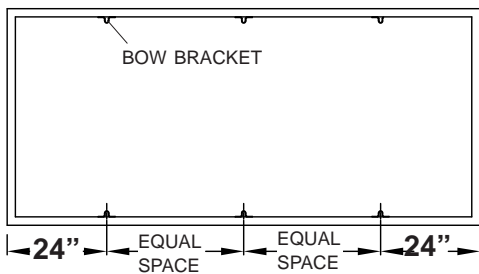
Use on boxes over 9 feet wide.

NOTE: Refer to note on page 1 for drill size.

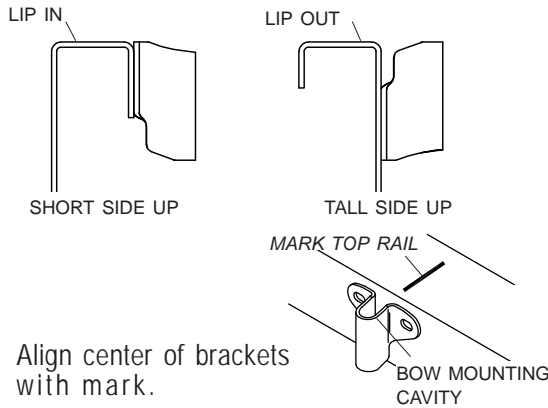


| Item | Part # | Description |
|------|---------|--|
| 1. | 1116118 | X-Wide Low Rise Bow - 103"-68" (Includes Bow Halves and Connector Tube) |
| 2. | 1100685 | X-Wide Bow Connector Tube |
| 3. | 1115702 | Universal Single Bow Bracket |
| B. | | Self-Tapping Screw - 3/8" x 1" |
| G. | | Lock Washer - 3/8" |
| M. | | Hex Nut - 3/8" |

STEP 1: Mark bow bracket locations on top rails as shown.

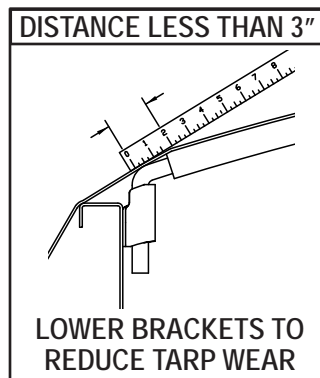
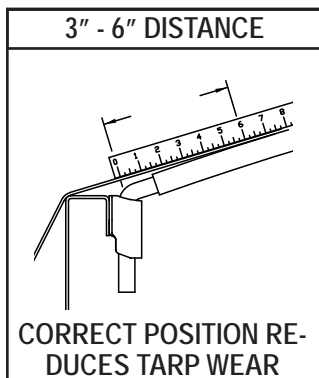


STEP 2: Position single bow brackets with short side up for lip in boxes or tall side up for lip out boxes.

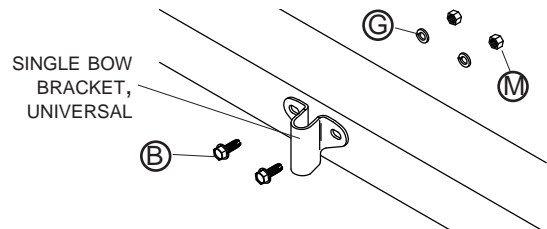


STEP 3: Align center of brackets with mark.

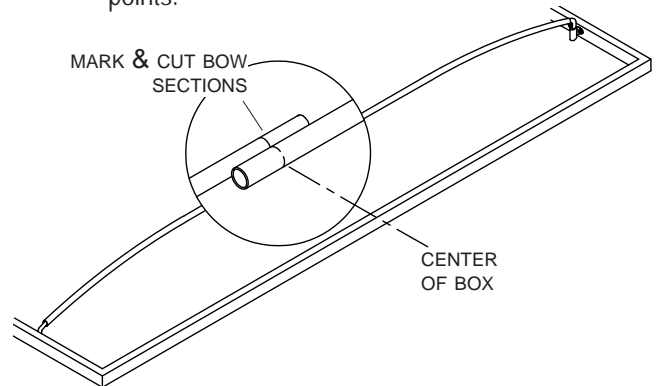
STEP 4: Insert bow weldments into bow brackets. Adjust bow brackets vertically to create a distance of 3"-6" between the bend in the bow shank and the point where the tarp will contact the bow. Clamp brackets to rails.



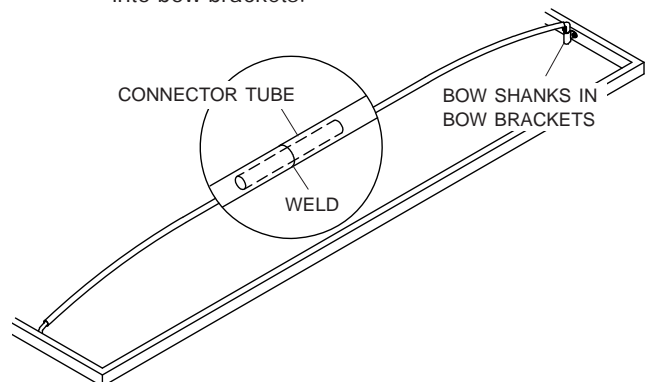
STEP 5: Mark and drill 5/16" holes, mount brackets with screws **B**, washers **G** and nuts **M**.



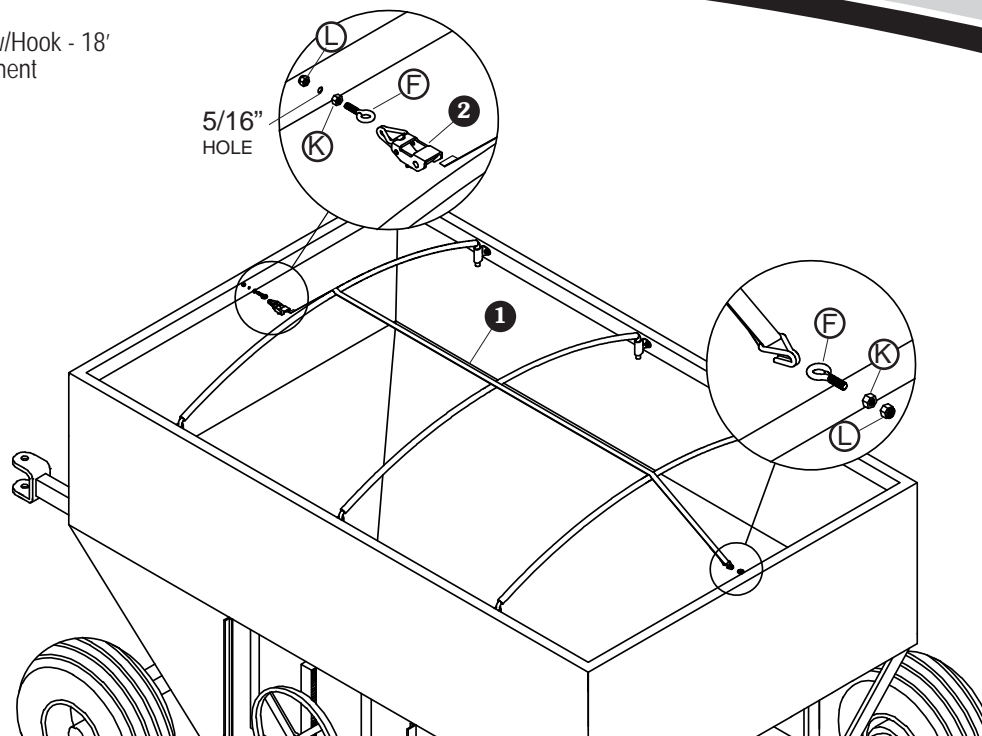
STEP 6: Place bow shanks into bow brackets on opposite side of box. Mark point where bows intersect at center of box. Remove bow sections and cut sections at marked points.



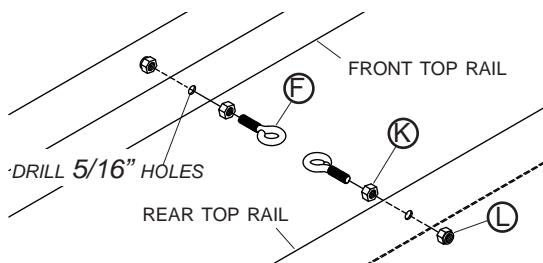
STEP 7: Insert connector tube into bow sections. Center connector tube with bow sections. Insert bow shanks into bow brackets. Weld and grind smooth. Install bows into bow brackets.



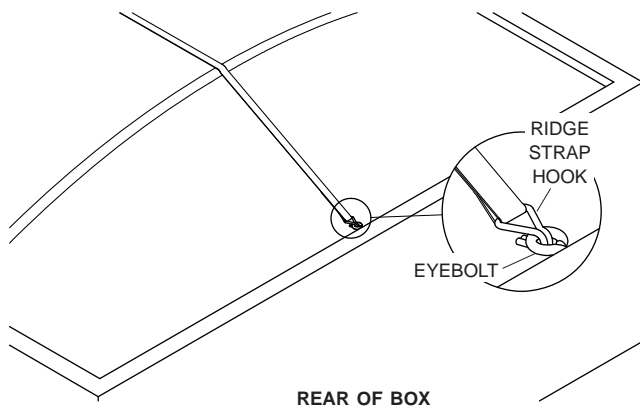
| Item | Part # | Description |
|------|---------|--------------------------|
| 1. | 1118514 | Ridge Strap w/Hook - 18' |
| 2. | 1118509 | Buckle Weldment |
| F. | | Eyebolt Anchor - 5/16" |
| K. | | Hex Nut - 5/16" |
| L. | | Nylon Lock Nut - 5/16" |



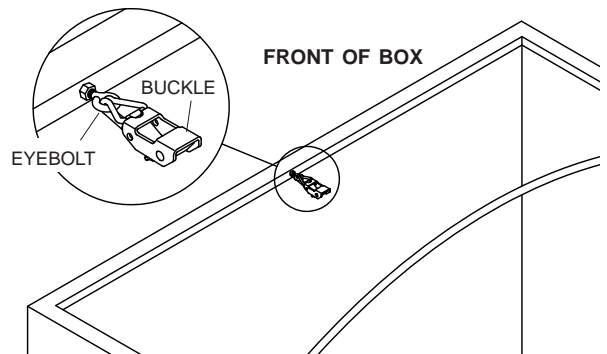
STEP 1: Mark and drill 5/16" holes in center of top rail at front and rear of box. Fasten eyebolt anchors **F** through holes with nuts **K** and lock nuts **L**.



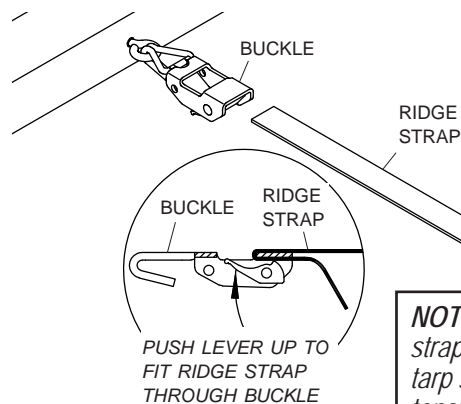
STEP 2: Secure ridge strap hook into eyebolt on rear of box.



STEP 3: Secure buckle into eyebolt on front of box.



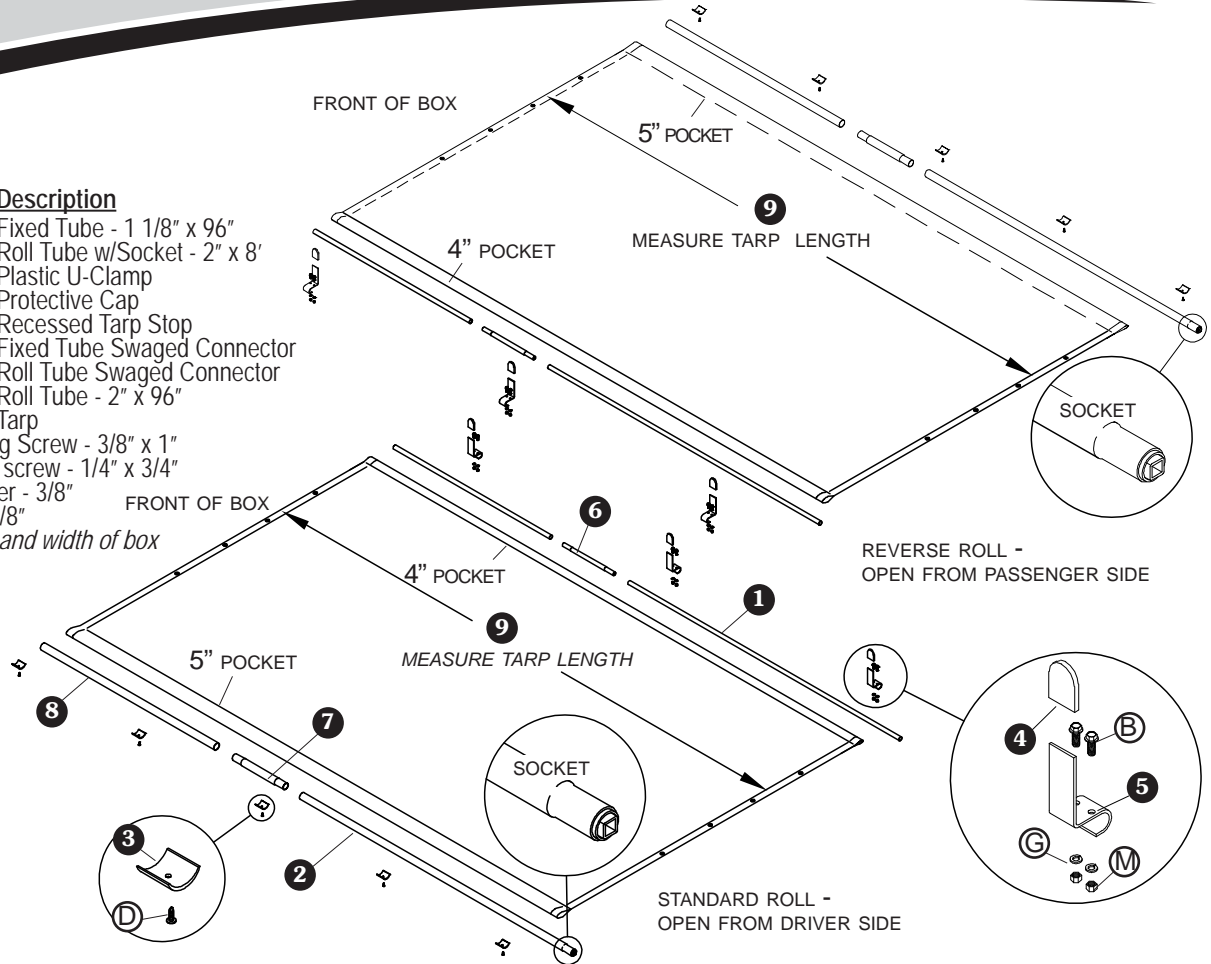
STEP 4: Thread ridge strap over bows and through buckle. Pull strap tight.



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

| Item | Part # | Description |
|------|---------|-----------------------------------|
| 1. | 1701549 | Fixed Tube - 1 1/8" x 96" |
| 2. | 1105174 | Roll Tube w/Socket - 2" x 8' |
| 3. | 1701354 | Plastic U-Clamp |
| 4. | 1700729 | Protective Cap |
| 5. | 1105163 | Recessed Tarp Stop |
| 6. | 1107077 | Fixed Tube Swaged Connector |
| 7. | 1107076 | Roll Tube Swaged Connector |
| 8. | 1110328 | Roll Tube - 2" x 96" |
| 9. | * | Tarp |
| B. | | Self-Tapping Screw - 3/8" x 1" |
| D. | | Self-drilling screw - 1/4" x 3/4" |
| G. | | Lock Washer - 3/8" |
| M. | | Hex Nut - 3/8" |

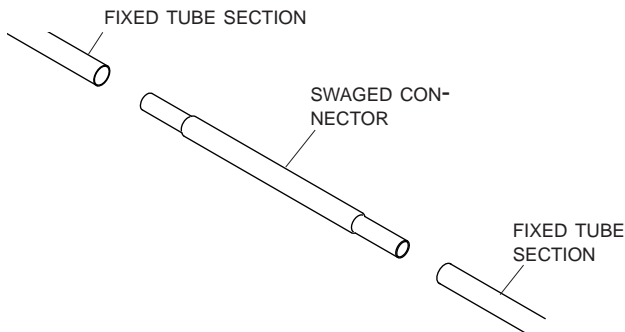
* Specify length and width of box



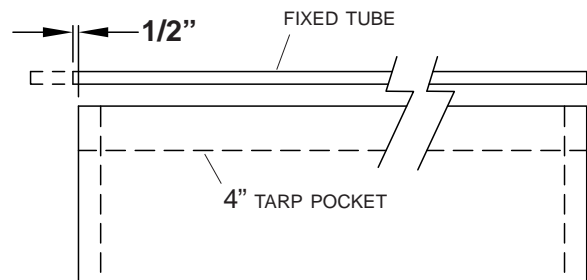
STEP 1: Open tarp and stretch tight. Measure tarp length and compare with tarp length specified on sheet attached to tarp. Do not proceed with installation if tarp length doesn't match length specified on sheet. Call Shur-Co® or your local dealer for alterations or a replacement tarp.

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

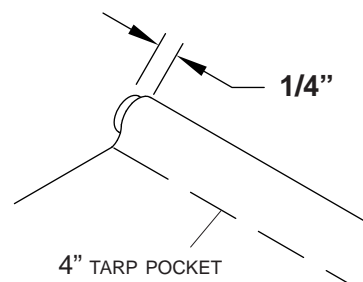
STEP 2: Piece fixed tube sections together with 1 1/4" x 18" swaged connector. Weld tube sections together, remove weld spatter and grind smooth.



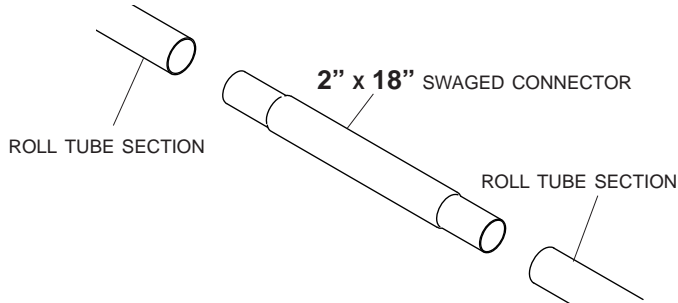
STEP 3: Cut fixed tube 1/2" longer than tarp length, removing swaged end if applicable. Grind cut edge smooth.



STEP 4: Insert fixed tube into 4" tarp pocket. Extend tube 1/4" past tarp on each end.



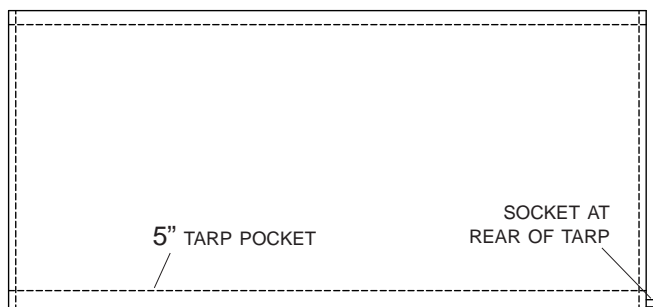
STEP 5: Piece roll tube sections together with 2" x 18" swaged connector. Weld tube sections together, remove weld spatter and grind smooth.



NOTE: Do not remove socket end of roll tube. Socket end of roll tube will hold crank arm at rear of box.

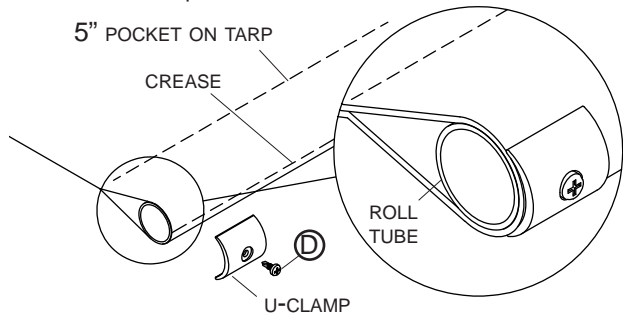
STEP 6: Cut roll tube 3"-4" longer than tarp. Grind edges smooth.

STEP 7: Insert roll tube into 5" tarp pocket, aligning cut edge of roll tube flush with front of tarp. Socket will extend 3"-4" past rear of tarp.

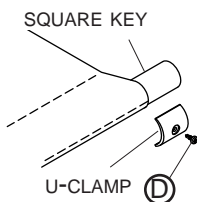


TIP: Inflate 5" tarp pocket with air chuck while inserting roll tube.

STEP 8: Center first U-clamp on front tarp edge, positioning screw **D** on crease at bottom of tarp pocket. Fasten U-clamp with screw **D**.

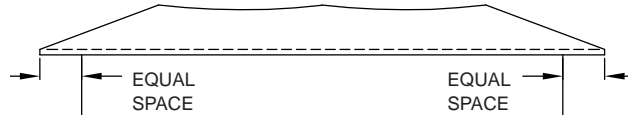


STEP 9: Stretch tarp along roll tube so both sides of tarp are equal in length. Install second U-clamp on rear tarp edge.

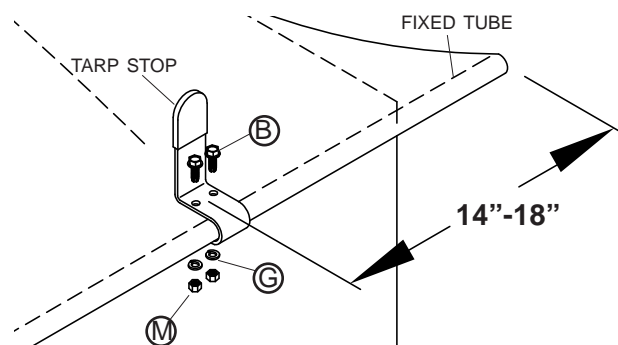


STEP 10: Equally space remaining U-clamps and install in same manner.

STEP 11: Center tarp on box with fixed tube hanging over edge of passenger side of box. Square up tarp and fixed tube.

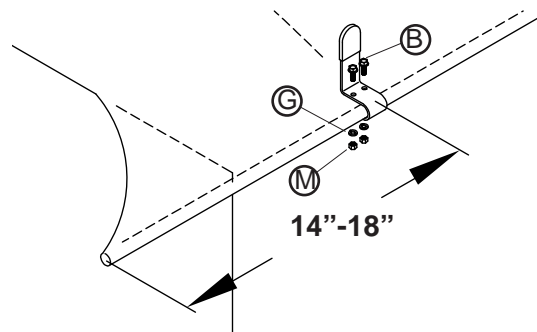


STEP 12: Locate first tarp stop 14"-18" from front edge of fixed tube. Using tarp stop as a guide, mark and drill holes. Place tarp stop over fixed tube and fasten to box with screws **B**, lock washers **G** and nuts **M**.

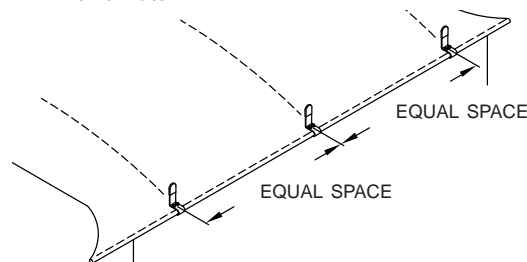


NOTE: Refer to note on page 1 for drill size.

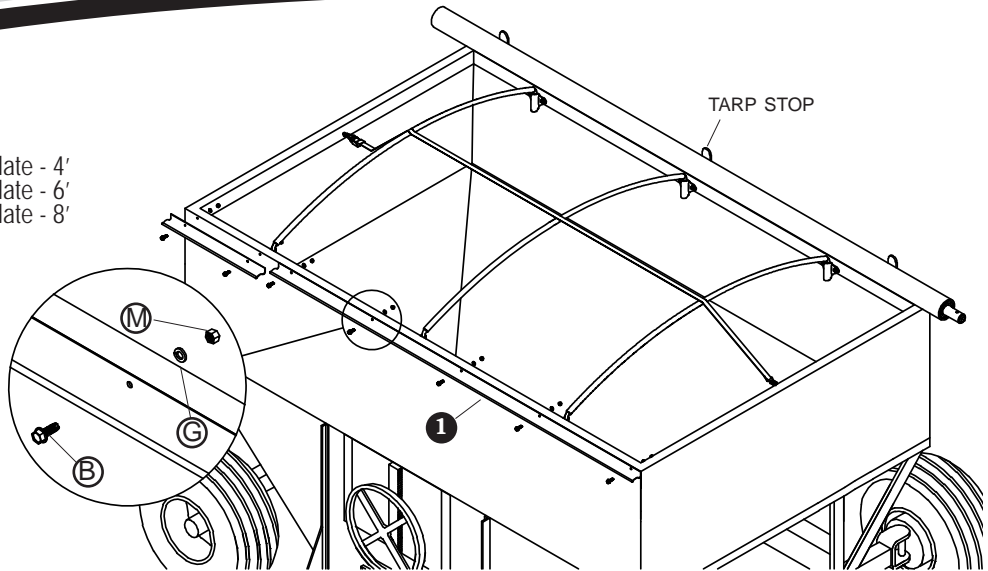
STEP 13: Square up and stretch tarp tight, locate second tarp stop 14"-18" from rear edge of fixed tube. Mark and drill holes and fasten to box with screws **B**, lock washers **G** and nuts **M**.



STEP 14: Equally space remaining tarp stops. Mark and drill holes and fasten to box with screws **B**, lock washers **G** and nuts **M**.

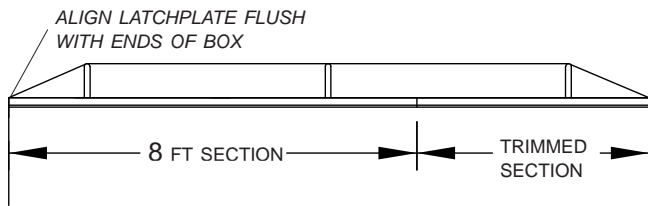


| Item | Part # | Description |
|------|---------|----------------------------------|
| 1. | 1701546 | Galv. Side Mount Latchplate - 4' |
| | 1113005 | Galv. Side Mount Latchplate - 6' |
| | 1701547 | Galv. Side Mount Latchplate - 8' |
| B. | | Self-Tapping Screw - 3/8" x 1" |
| G. | | Lock Washer - 3/8" |
| M. | | Hex Nut - 3/8" |



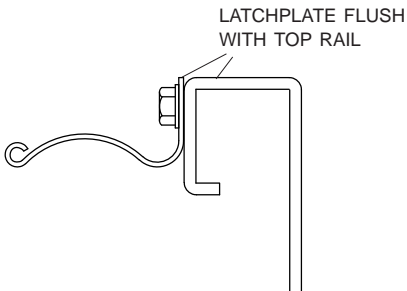
INSTALL LATCHPLATE ON OPPOSITE SIDE OF BOX FROM TARP STOPS

STEP 1: Trim and combine latchplate sections to align flush with front and rear ends of box.

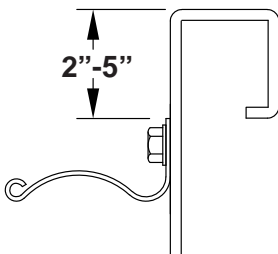


NOTE: Align latchplate sections to each other with care.

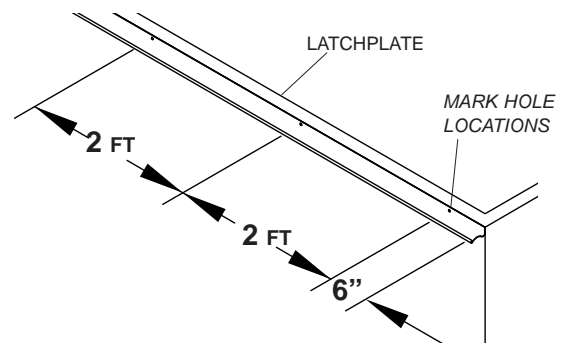
STEP 2A: Lip out grain carts: Starting at rear of box, position latchplate sections flush with top edge of rail on driver's side of box. Clamp in place.



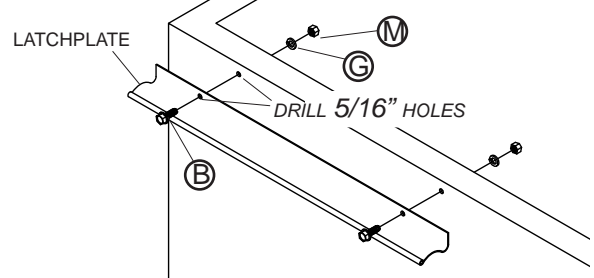
STEP 2B: Lip in grain carts: Starting at rear of box, position latchplate sections 2"-5" down from top edge of rail on driver's side of box. Clamp in place.



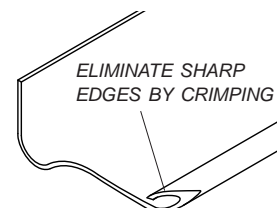
STEP 3: Mark hole locations on latchplate about every two feet apart, with holes no more than 6" from edges.



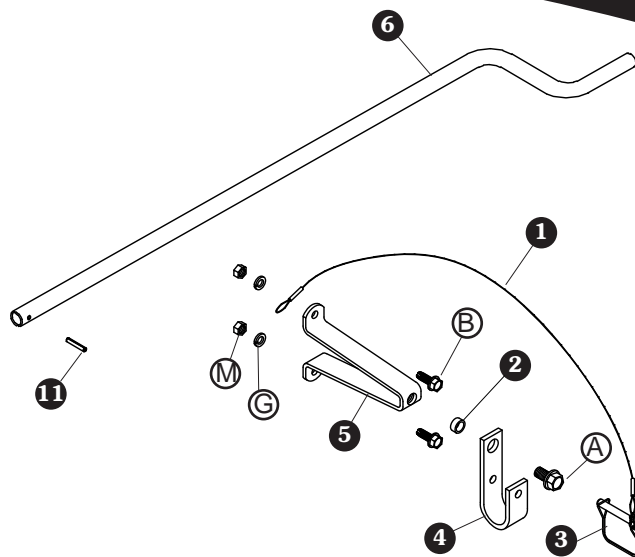
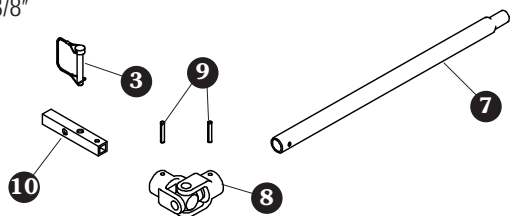
STEP 4: Drill 5/16" pilot holes through latchplate and box. Fasten with screws B, lock washers G and nuts M.



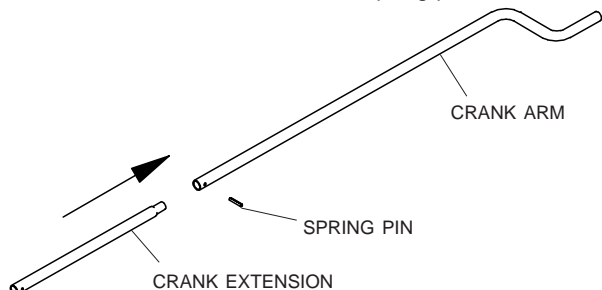
STEP 5: To prevent sharp edges from tearing tarp, round off corners after latchplate has been installed. Eliminate sharp edges by crimping.



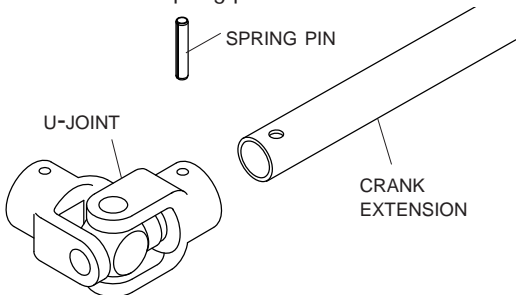
| Item | Part # | Description |
|------|---------|-----------------------------------|
| 1. | 1100574 | Cable w/Snap |
| 2. | 1100306 | Retainer Bushing |
| 3. | 1700526 | Wire Lock Pin |
| 4. | 1100040 | Crank Retainer J-Hook |
| 5. | 1100033 | Crank Retainer Stand-Off - 7" |
| 6. | 1100461 | Offset Crank Arm |
| 7. | 1107838 | Crank Extension - 32 5/8" |
| 8. | 1700527 | Econo U-Joint |
| 9. | 1700445 | Spring Pin - 1/4" x 1 1/2" |
| 10. | 1105166 | Crank Key |
| 11. | 1701118 | Spring Pin - 1/4" x 1 3/16" |
| A. | | Flanged Cap Screw - 1/2" x 1 1/4" |
| B. | | Self-Tapping Screw - 3/8" x 1" |
| G. | | Lock Washer - 3/8" |
| M. | | Hex Nut - 3/8" |



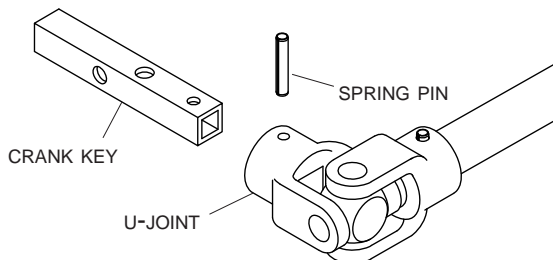
STEP 1: (Optional) Insert crank extension into crank arm. Fasten with 1/4" x 1 3/16" spring pin.



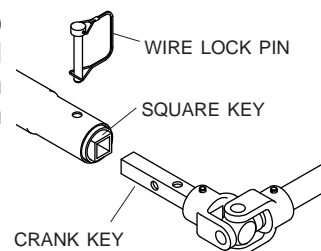
STEP 2: Insert crank arm/extension into U-joint. Secure with 1/4" x 1 1/2" spring pin.



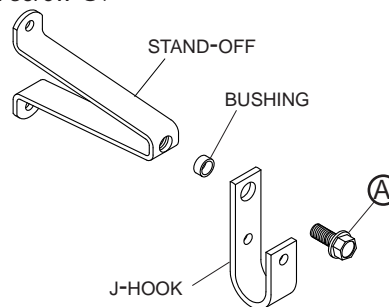
STEP 3: Insert crank key into U-joint as shown. Secure with 1/4" x 1 1/2" spring pin.



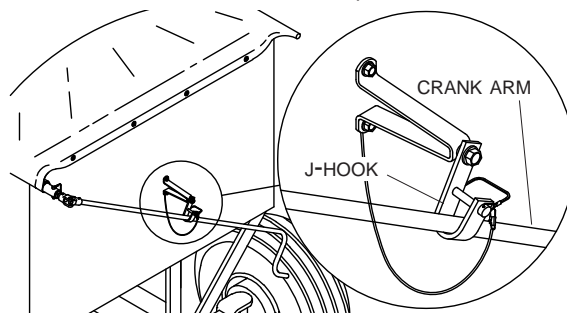
STEP 4: Insert crank key into socket on end of roll tube as shown. Align holes and secure with wire lock pin.



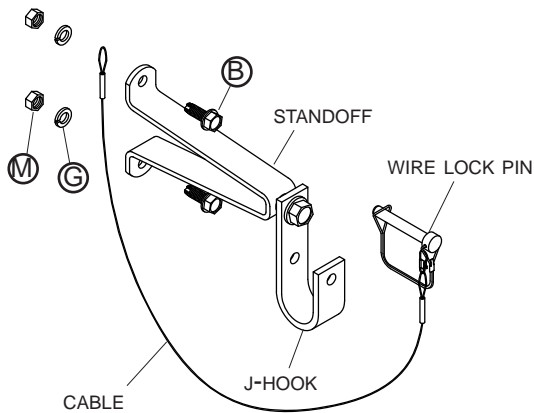
STEP 5: Assemble crank retainer stand-off, bushing and J-hook with screw A.



STEP 6: Locate crank retainer assembly in central location on back of box where it can be accessed by crank assembly from open or closed position. Install assembly within comfortable reach of operator.

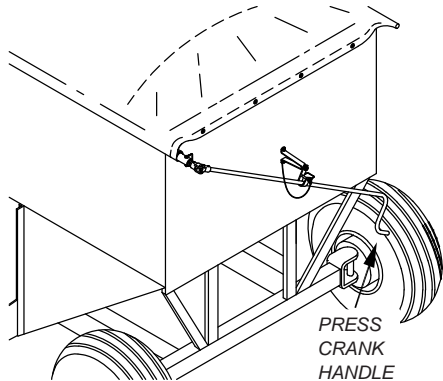


STEP 7: Mark and drill holes and fasten retainer to box with screws **B**, lock washers **G**, and nuts **M**. Assemble wire lock pin and cable, fasten cable with screw **B** between box and standoff.

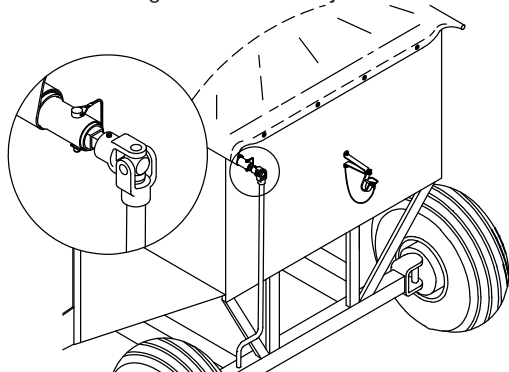


STEP 8: Tighten tarp by lifting crank handle up into crank retainer (about 45°).

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

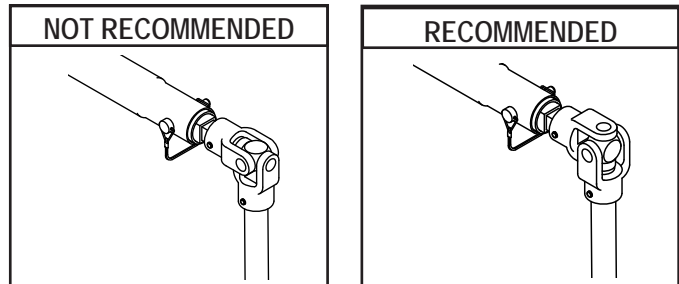


STEP 9: Hold crank handle firmly with both hands and roll tarp closed under latchplate. Bring crank handle perpendicular to ground to lock U-joint.



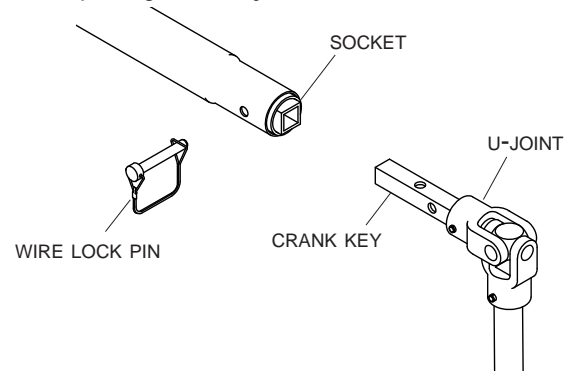
STEP 10: Check tarp tension. Holding crank arm at handle, press crank arm into the crank retainer. It should take 40 - 60 pounds of pressure to force the crank arm into crank retainer. The crank arm should bend 1/8".

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



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

STEP 11: Adjust tension if required, by removing, rotating and replacing crank key into socket on roll tube.



STEP 12: Continue Step 11 until correct tension is achieved.

STEP 13: Apply decal (#1106937) near crank retainer on box. Clean area on box where decal is to be applied. Remove backing, apply, and press decal to adhere.

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

ATTENTION!

IT IS NOT RECOMMENDED TO TRAVEL AT SPEEDS OVER 35 MPH.
MAKE SURE THAT ALL STRETCH CORDS ARE SECURED BEFORE TRAVEL.

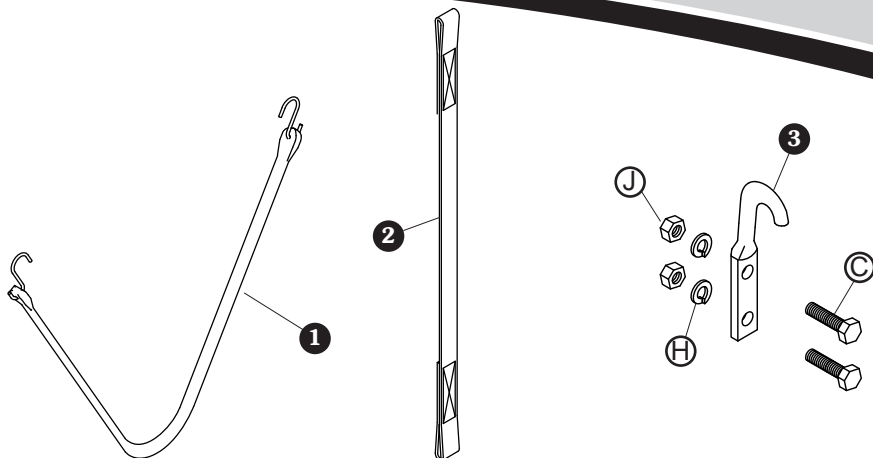
OPERATING INSTRUCTIONS

| | | | | |
|---|---|---|---|---|
| 1. Crank the Tarp up Under the Latch Plate. | 2. Bring the Crank Arm Down to a Vertical Position. | 3. Lift the Crank Arm up to the Crank Retainer. | 4. Secure All Stretch Cords on Both Ends of the Tarp. | To Adjust the Tarp Tension 1. Allow the Tarp to Roll Down Away from the Latch Plate. 2. Remove the Crank with Square Key from the Tarp Tube. 3. Rotate 1/4 of a Turn and Reassemble. |
| | | | | |

Shur-Co., 2309 Shur-Lok Street, Yankton, South Dakota 57078 P/N 1105190

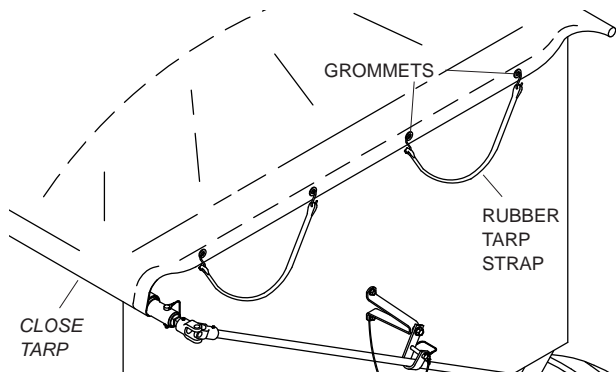
NOTE: Install decal near crank retainer on box or all warranty claims will be void.

| Item | Part # | Description |
|------|-----------------------|--------------------------|
| 1. | 1700650 | Rubber Tarp Strap - 21" |
| 2. | 1105172 | Easy Reach Strap - 24" |
| 3. | 1700682 | Box Hook - 3/8" x 3 1/4" |
| C. | Cap Screw - 1/4" x 1" | |
| H. | Lock Washer - 1/4" | |
| J. | Hex Nut - 1/4" | |



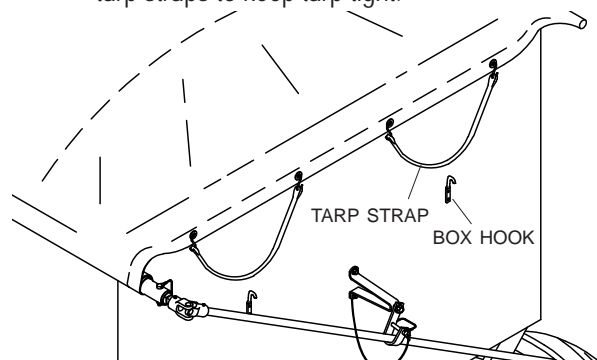
STEP 1: Close tarp, tighten roll tube under latchplate and lock crank arm into crank retainer.

STEP 2: Hook rubber tarp straps into grommets on tarp.



NOTE: S-hooks may be crimped in each grommet to keep them in place during operation.

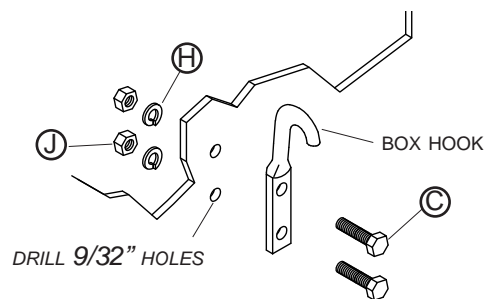
STEP 3: Center one box hook below each tarp strap. Locate box hooks so that sufficient tension will be placed on tarp straps to keep tarp tight.



CAUTION

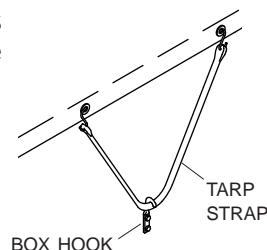
Do not put cart in motion without U-joint securely fastened to roll tube with wire lock pin. Do not travel over 35 mph.

STEP 4: Mark and drill 9/32" holes, using box hooks as guides. Fasten box hooks to box with screws C, washers H and nuts J.

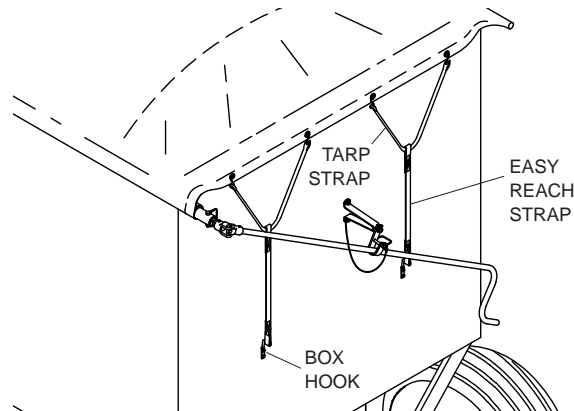


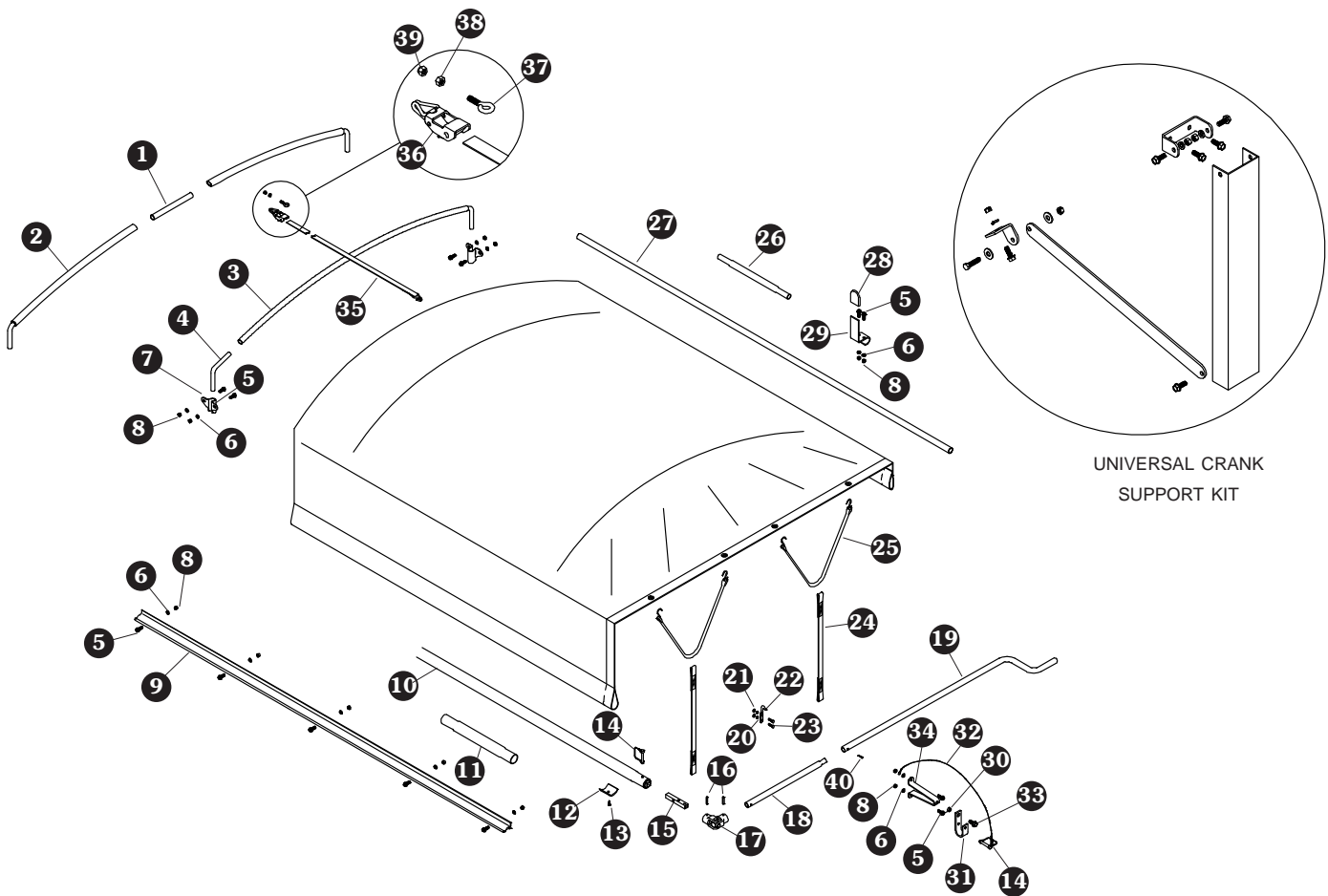
STEP 5: Hook rubber tarp straps over box hooks to secure front and rear of tarp to box.

NOTE: If your gravity box is tall, use easy reach straps and install box hooks accessible from ground.



STEP 6: Extra tall boxes: Slide easy reach straps over rubber tarp straps. Install box hooks low enough to hold tarp tight under strap configuration. Hook end of easy reach strap over box hook.

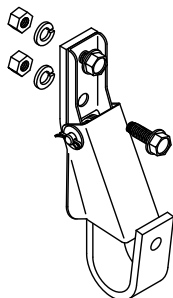




| Item | Part # | Description | Item | Part # | Description | Item | Part # | Description |
|------|---------|-----------------------------------|------|---------|------------------------------|---------|--------------------------------------|------------------------------|
| 1. | 1100685 | X-Wide Bow Connector Tube | 15. | 1105166 | Square Crank Key | 33. | 1702996 | Cap Screw - 1/2" x 1 1/4" |
| 2. | 1116118 | X-Wide Low Rise Bow | 16. | 1700445 | Spring Pin - 1/4" x 1 1/2" | 34. | 1100033 | Crank Retainer - 7" Standoff |
| 3. | 1117904 | Std. Low Rise Bow - 78" to 84" | 17. | 1700527 | Econo U-Joint | 35. | 1118514 | Ridge Strap w/Hook - 18' |
| | 1116120 | Std. Low Rise Bow - 85" to 92" | 18. | 1107838 | Crank Extension - 33" | 36. | 1118509 | Buckle Weldment |
| | 1100760 | Std. Low Rise Bow - 93" to 102" | 19. | 1100461 | Offset Crank Arm | 37. | 1700717 | Eyebolt Anchor - 5/16" |
| 4. | 1100695 | Bow Shank - 3/4" x 108° | 20. | 1700436 | Lock Washer - 1/4" | 38. | 1700411 | Hex Nut - 5/16" |
| 5. | 1700400 | Self-Tapping Screw - 3/8" x 1" | 21. | 1700408 | Hex Nut - 1/4" | 39. | 1700419 | Nylon Lock Nut - 5/16" |
| 6. | 1700434 | Lock Washer - 3/8" | 22. | 1700682 | Box Hook - 5/16" Holes | 40. | 1701118 | Spring Pin - 1/4" x 1 3/16" |
| 7. | 1115702 | Universal Single Bow Bracket | 23. | 1700381 | Cap Screw - 1/4" x 1" | 1109139 | Standard Low Rise Bow Kit | |
| 8. | 1700407 | Hex Nut - 3/8" | 24. | 1105172 | Easy Reach Strap - 24" | 1117205 | Narrow Low Rise Bow Kit | |
| 9. | 1701547 | Galv. Side Mt. Latchplate - 8' | | 1107005 | Easy Reach Strap - 48" | 1109138 | X-Wide Low Rise Bow Kit | |
| | 1113005 | Galv. Side Mt. Latchplate - 6' | 25. | 1700650 | Rubber Tarp Strap - 21" | 1111096 | Recessed Tarp Stop w/Hdw | |
| | 1701546 | Galv. Side Mt. Latchplate - 4' | 26. | 1107077 | Fixed Tube Swaged Connector | 1100386 | Crank Retainer Kit | |
| 10. | 1105174 | Roll Tube w/Socket - 2" x 8' | 27. | 1701549 | Fixed Tube - 1 1/8" x 96" | 1116553 | Universal Crank Retainer Support Kit | |
| | 1110328 | Roll Tube - 2" x 8' | 28. | 1700729 | Protective Cap | 1118515 | Ridge Strap Kit w/Hook - 14' | |
| 11. | 1107076 | Swaged Connector, 2" x 18" | 29. | 1105163 | Recessed Tarp Stop | 1100749 | Alum. Side Mt. Latchplate - 4' | |
| 12. | 1701354 | Plastic U-Clamp | 30. | 1100574 | SS Cable w/#5 Interlock Snap | 1700802 | Alum. Side Mt. Latchplate - 6' | |
| 13. | 1700398 | Self-Drilling Screw - 1/4" x 3/4" | 31. | 1100040 | Crank Retainer J-Hook | 1700522 | Alum. Side Mt. Latchplate - 8' | |
| 14. | 1700526 | Wire Lock Pin - 3/8" x 2 1/2" | 32. | 1100306 | Retainer Bushing - 11/16" | | | |

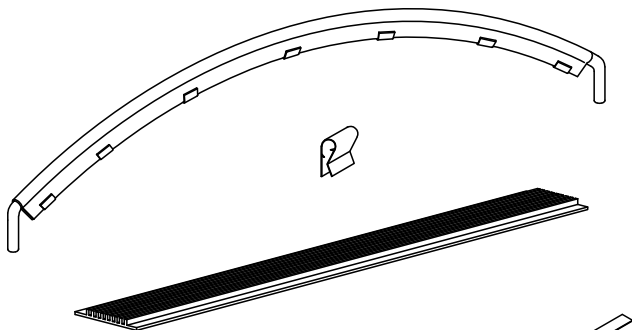
Offset Pinless Crank Retainer

Secure the crank arm more quickly and safely than ever before! No pins and cables to hassle with. Easy to install using the same bolt pattern as the offset J-hook crank retainer. Works with the Shur-Flex™ crank. Retrofit kits available.



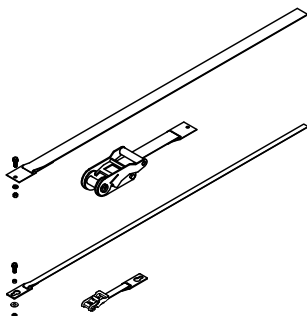
Bow Cover

Vinyl coated bow covers wrap around bows to reduce tarp wear and grain splatter; prevent rust and “black mark transfer”. Extra-Wide Bow Covers also available.



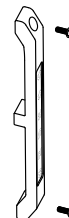
1" & 2" Ridge Straps

Shur-Co's ridge straps are designed to resist stretching during weather changes, offer superior tarp support and easy adjustment with heavy-duty ratchets.



Roll Tube Deflector

Roll tube deflectors fasten to the side of your trailer, to hold the roll tube away from your trailer and prevent damage to your paint job. Fastens to latchplate side of box with 5/16" x 1" self-tapping screws.



Tarp Repair Kits

Professional Tarp Repair Kit

Shur-Co's professional tarp repair kit repairs your tarp professionally using the heat seal method. No messy adhesives or solvents. Kit includes a Wagner heat gun, scissors, a roller, 12 sq. feet of 18 oz. or 22 oz. tarp pieces in any specified color and instructions.



Standard Tarp Repair Kit

Shur-Co's standard tarp repair kit comes complete with adhesive, cleaner, 10 sq. feet of tarp in any specified color and instructions.



Tarp options

18 oz. Heavy-duty fabric, multi-color tarps, personalized tarps, reinforcements, extra length or width, 12 vibrant colors available.

Operation & Maintenance

Maintenance Schedule

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 unrolled over edge of trailer.
3. Continue cranking to roll tarp up under latchplate.
4. Bring crank arm down to a vertical position.
5. Swing 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.

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 tarp tension to 40 to 60 lbs of tension in crank retainer or excessive tarp wear may occur.**
4. **Secure crank arm to socket on roll tube with wire lock pin before opening or closing tarp.**
5. **Do not drive vehicle at highway speeds with tarp opened.**

MORE QUALITY PRODUCTS FROM SHUR-CO®

- **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 System

- **SMARTrailer™ Accessories for Agriculture Products**
 - SMARTransmitter®
 - Shur-Link Pro™
 - 4500 Series Electric
 - ProTrap® Hopper Opener
 - LiteALL™ Work Lights
 - Cable-Lok™ Electric Upgrade
 - Electric Turning Point™ Bow System
 - Value Series Electric
 - Solar Power Pack

- **Flatbed Products**
 - Lumber Tarps
 - Steel Tarps
 - Coil Tarps
 - Cargo Control

- **Construction Products**
 - Super Duty Shur-Lok®
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 - Ironside™ Side Arm System

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 - Solar Power Pack

- **Custom Products**
 - Fitted Truck Covers
 - Flat Utility Tarps
 - Bean Drill Covers
 - Hopper Extension Covers
 - Auger Boots

ENGINEERED TARPING SOLUTIONS

