



TARPING SYSTEMS & ACCESSORIES

P/N 1105190 Rev. M

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. 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.

SHUR-CO®, LLC SERVICE AND DISTRIBUTION CENTERS

Corporate HQ and Outlet Store

SHUR-CO® of SOUTH DAKOTA
2309 Shur-Lok St., PO Box 713
Yankton, SD 57078-0713
Ph 800.474.8756 | Fax 605.665.0501

ShurTite™ Service Centers

SHUR-CO® of CANADA
490 Elgin St., Unit #1
Brantford, Ontario N3S 7P8
Ph 800.265.0823 | Fax 519.751.3997

SHUR-CO® of SIOUX FALLS
47184 258th St., Suite B
Sioux Falls, SD 57107
Ph 844.573.9322 | Fax 605.543.5469

SHUR-CO® of COLORADO
10220 Brighton Rd., Unit #1
Henderson, CO 80640
Ph 866.355.9173 | Fax 303.289.2298

SHUR-CO® of FLORIDA
3353 SE Gran Park Way
Stuart, FL 34997
Ph 800.327.8287 | Fax 772.287.0431

SHUR-CO® of ILLINOIS
3993 E. Mueller Ave.
Decatur, IL 62526
Ph 866.356.0246 | Fax 217.877.8270

SHUR-CO® of IOWA
3839 Midway Blvd.
Ft. Dodge, IA 50501
Ph 866.356.0245 | Fax 515.576.5578

SHUR-CO® of MICHIGAN
5100 Lakeshore Dr.
Lexington, MI 48450
Ph 800.327.8287 | Fax 772.287.0431

SHUR-CO® of NORTH DAKOTA
1746 4th Ave. NW, Unit A
West Fargo, ND 58078
Ph 877.868.4488 | Fax 701.277.1283

SHUR-CO® of OHIO
1100 N. Freedom, St. Rt. 88 & 14
Ravenna, OH 44266
Ph 866.356.0242 | Fax 330.297.5599

SHUR-CO® of OKLAHOMA
1604 East US Hwy 66
El Reno, OK 73036
Ph 866.356.0243 | Fax 405.262.3842

SHUR-CO® of TEXAS
34505 I-10 West, S. Frontage Rd.
Brookshire, TX 77423
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Unit 41 Rochester Airport Estates
Laker Rd., Rochester, Kent ME1 3QX
Ph +44 (0)1795.473499
Fax +44 (0)871.272.8278

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. 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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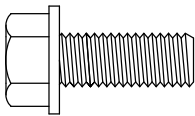
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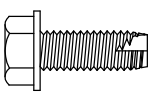
TOOLS REQUIRED


- 1. Welder
- 2. #3 Phillips Screwdriver
- 3. Air or Electric Wrench w/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

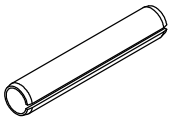
Inspect parts and tarp upon receipt. With slight tension applied, measure your tarp length and compare with the length stated on the sheet attached to your tarp. Do not proceed if your tarp length does not match that figure. Call your local dealer or Shur-Co® Customer Service at 1-866-748-7435.

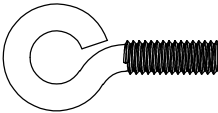
A 
1702996 - Hex Flange Cap Screw - 1/2" x 1 1/4"


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"

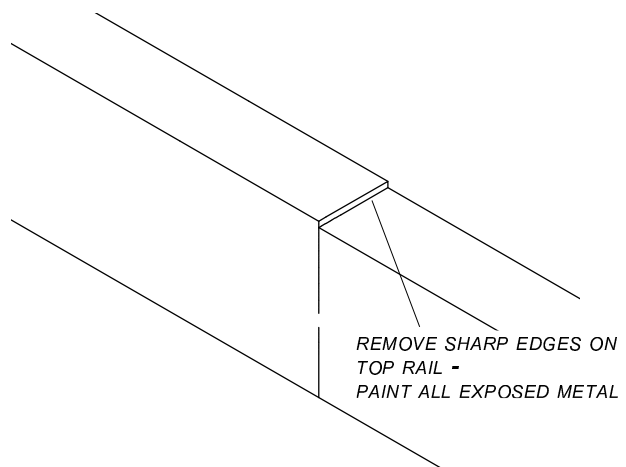
NOTE: Throughout this manual, where 3/8" x 1" self-tapping screws **B** are used with lock washers and nuts, use washers and nuts, if possible, and drill 13/32" holes. Self-tapping screws used without washers and nuts require a minimum wall thickness of 3/16". Drill 5/16" holes.

BOX PREPARATION

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.

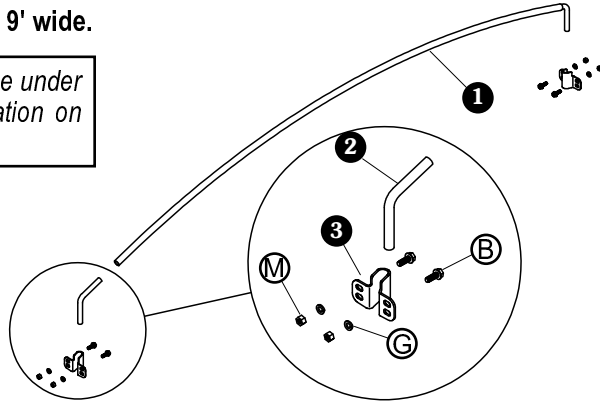
Install your Shur-Lok® Jr. to open from either side of your gravity box.



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.

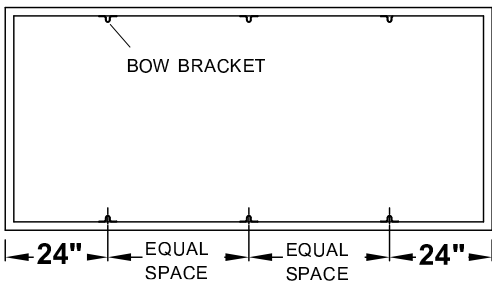
Use on boxes up to 9' wide.

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

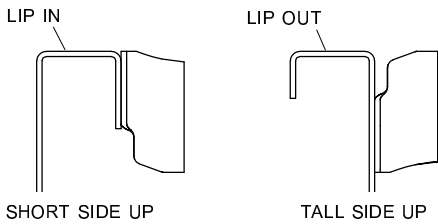


Item	Part #	Description
1.	1100760	Std. Low Rise Bow - 93" to 102"
	1116120	Std. Low Rise Bow - 85" to 92"
	1117904	Std. Low Rise Bow - 78" to 84"
2.	1100695	Std. Low Rise Bow Shank
3.	1120836	Single Bow Bracket
B.		Self-Tapping Screw - 3/8" x 1"
M.		Hex Nut - 3/8"
G.		Lock Washer - 3/8"

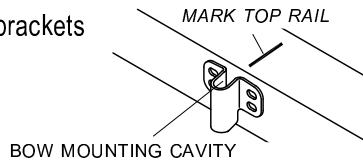
STEP 1: Mark bow bracket locations on top rails as shown.



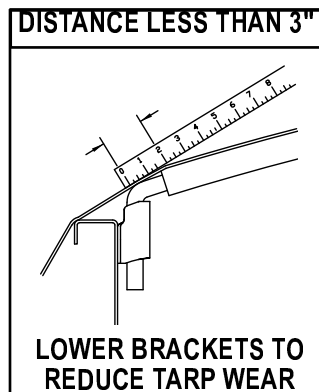
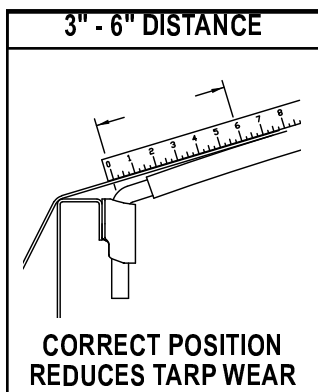
STEP 2: Position single bow brackets with short side up for lip-in boxes or tall side up for lip-out boxes.



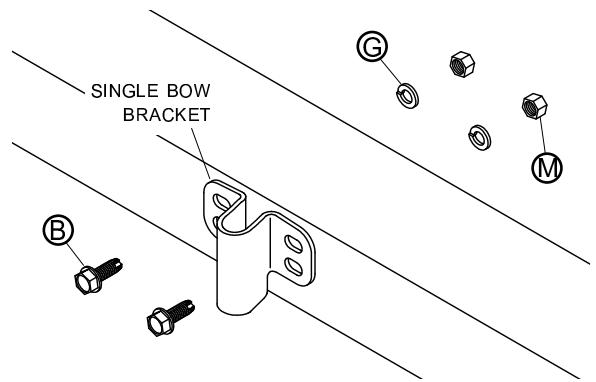
STEP 3: Align center of brackets with mark.



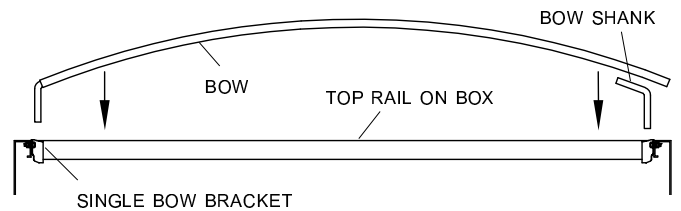
STEP 4: Adjust bow brackets vertically to create a distance of 3" to 6" between bend in bow shank and point where tarp will contact bow. Clamp brackets to rails.



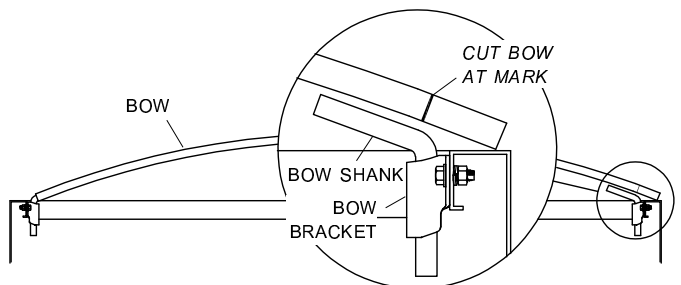
STEP 5: Mark and drill 5/16" holes. Mount brackets with screws **B**, washers **G** and nuts **M**.



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



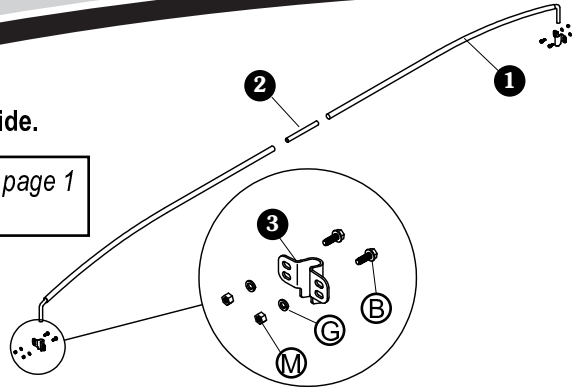
STEP 7: Align bow with bow shank. Mark and cut bow at point where bend starts on shank. Grind edges smooth and weld shank to bow. Install finished bows into bow brackets.



NOTE: Shanks must be welded to bows.

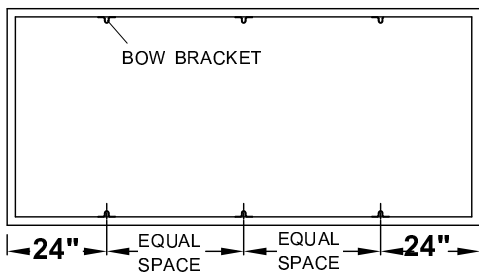
Use on boxes over 9' wide.

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

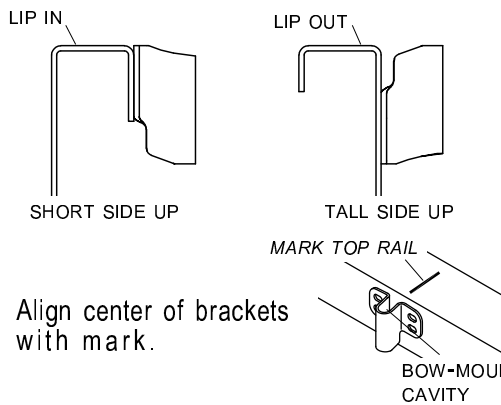


Item	Part #	Description
1.	1116118	X-Wide Low-Rise Bow - 103" to 68" (includes bow halves and connector tube)
2.	1100685	X-Wide Bow Connector Tube
3.	1120836	Single Bow Bracket
B.		Self-Tapping Screw - 3/8" x 1"
G.		Lock Washer - 3/8"
M.		Hex Nut - 3/8"

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

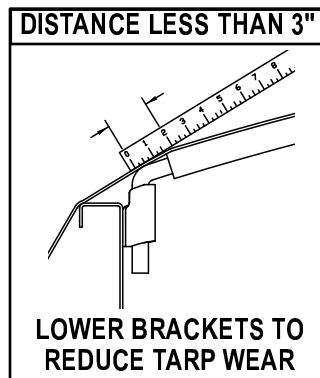
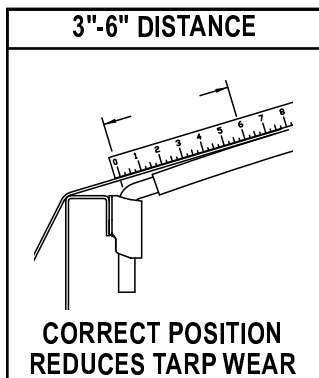


STEP 2: Position single bow brackets with short side up for lip-in boxes or tall side up for lip-out boxes.

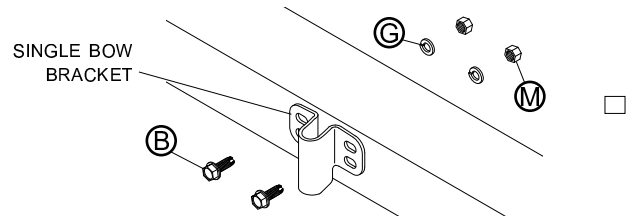


STEP 3: Align center of brackets with mark.

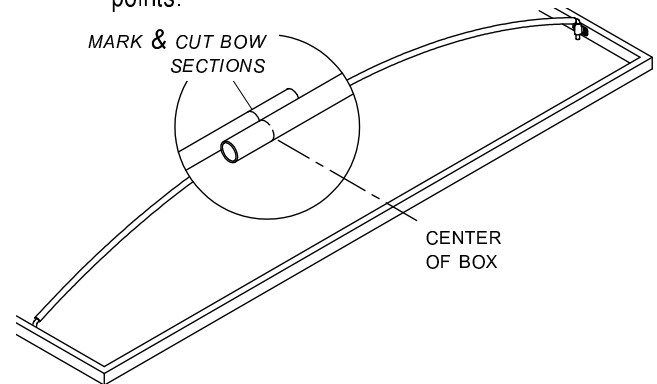
STEP 4: Insert bow weldments into bow brackets. Adjust bow brackets vertically to create a distance of 3" to 6" between bend in bow shank and point where tarp will contact bow. Clamp brackets to rails.



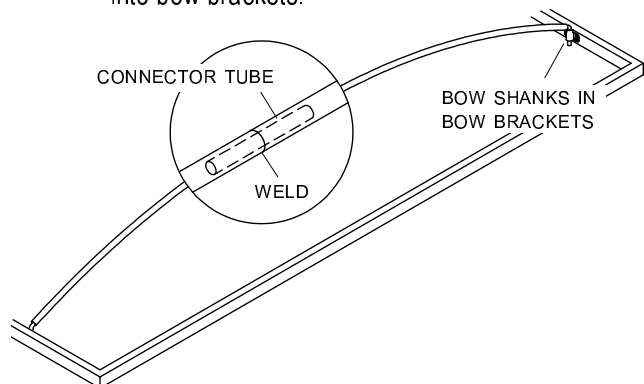
STEP 5: Mark and drill 5/16" holes. Mount brackets with screws **B**, washers **G** and nuts **M**.



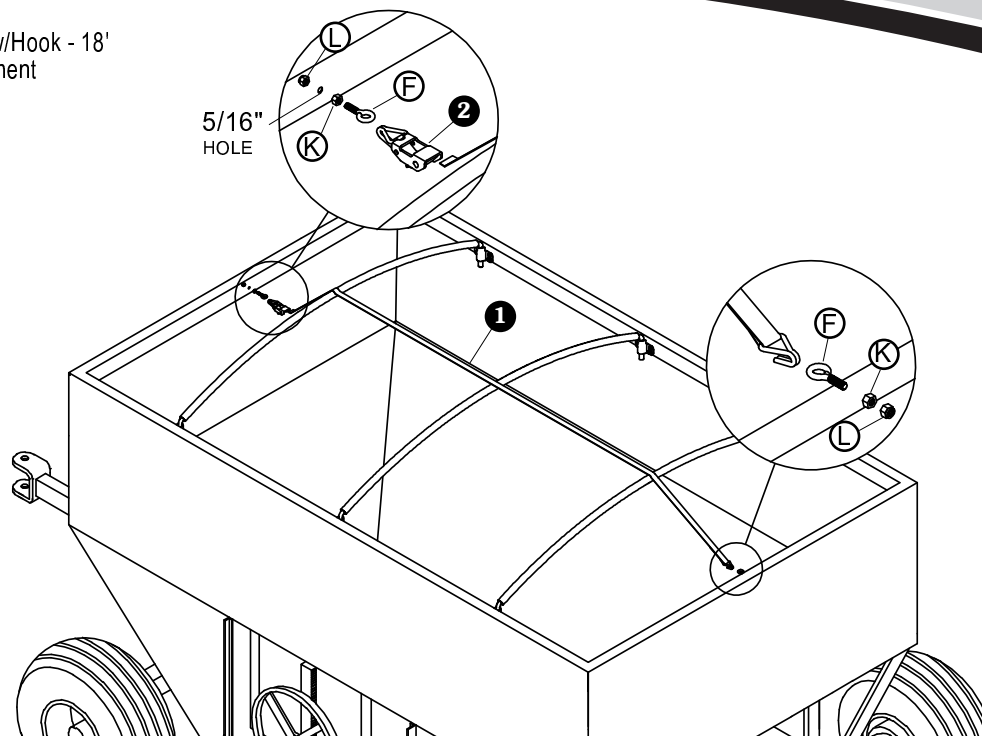
STEP 6: Place bow shanks into bow brackets on opposite side of box. Mark point where bows intersect at center of box. Remove bow sections and cut sections at marked points.



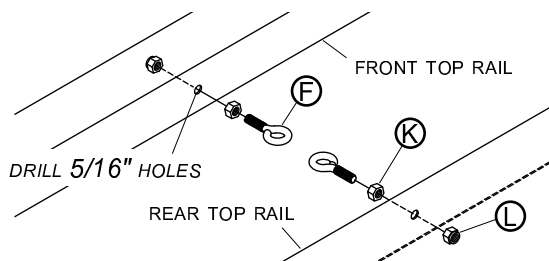
STEP 7: Insert connector tube into bow sections. Center connector tube with bow sections. Insert bow shanks into bow brackets. Weld and grind smooth. Install bows into bow brackets.



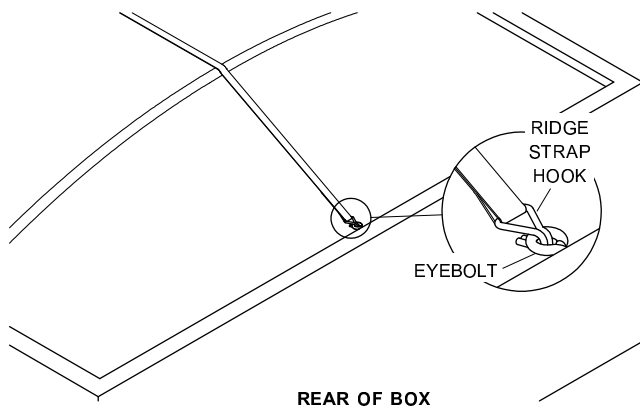
Item	Part #	Description
1.	1118514	Ridge Strap w/Hook - 18'
2.	1118509	Buckle Weldment
F.		Eyebolt Anchor - 5/16"
K.		Hex Nut - 5/16"
L.		Nylon Lock Nut - 5/16"



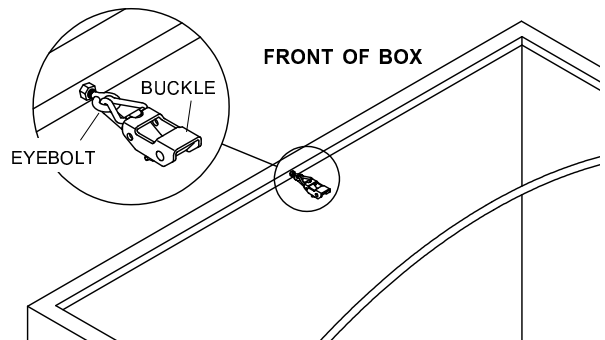
STEP 1: Mark and drill 5/16" holes in center of top rail at front and rear of box. Fasten eyebolt anchors **F** through holes with nuts **K** and lock nuts **L**.



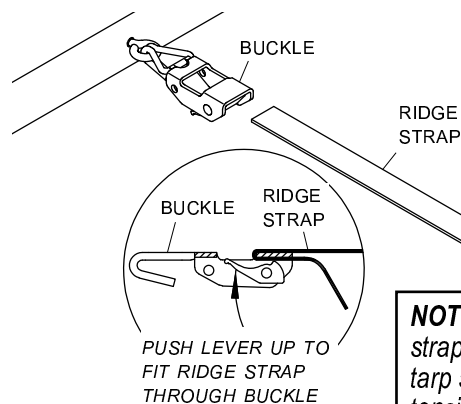
STEP 2: Secure ridge strap hook into eyebolt on rear of box.



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



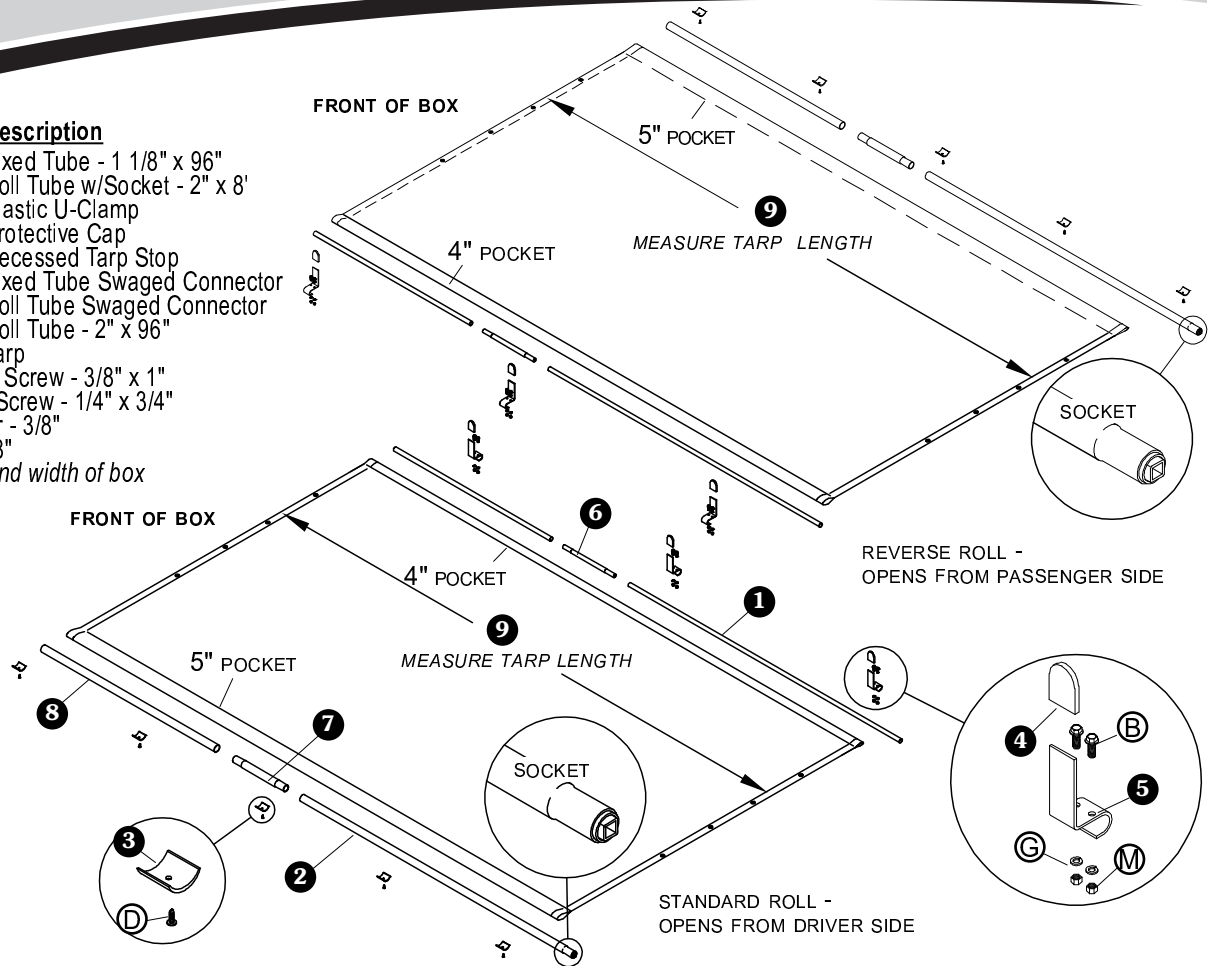
STEP 4: Thread ridge strap over bows and through buckle. Pull strap tight.



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"

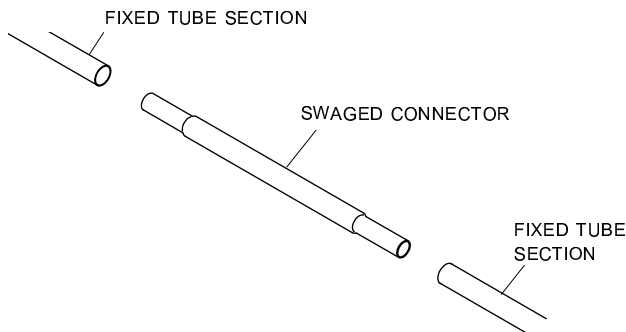
* Specify length and width of box



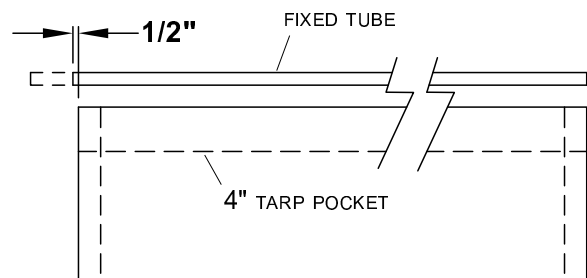
STEP 1: Open tarp and stretch tight. Measure tarp length and compare with tarp length specified on sheet attached to tarp. Do not proceed with installation if tarp length doesn't match length specified. Call Shur-Co® or your local dealer for alterations or a replacement tarp.

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.

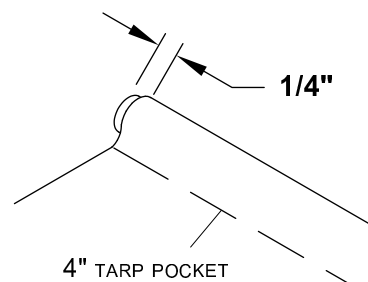
STEP 2: Piece fixed tube sections together with 1 1/4" x 18" swaged connector. Weld tube sections together, remove weld spatter and grind smooth.



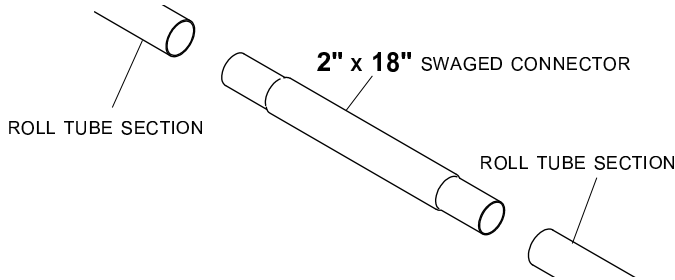
STEP 3: Cut fixed tube 1/2" longer than tarp length, removing swaged end, if applicable. Grind cut edge smooth.



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



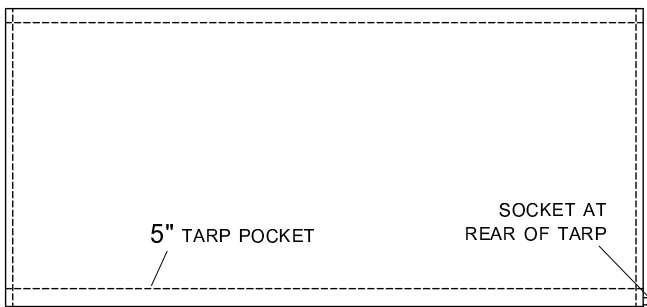
STEP 5: Piece roll tube sections together with 2" x 18" swaged connector. Weld tube sections together, remove weld spatter and grind smooth.



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

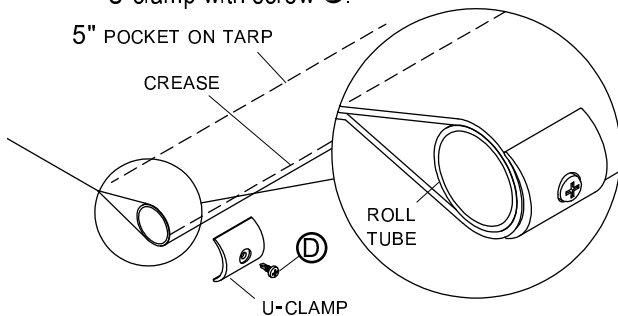
STEP 6: Cut roll tube 3" to 4" longer than tarp. Grind edges smooth.

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

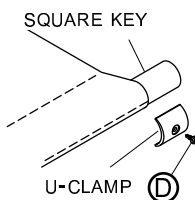


TIP: Inflate 5" tarp pocket with air chuck while inserting roll tube.

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**.

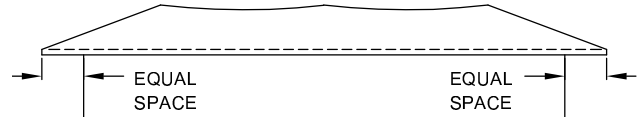


STEP 9: Stretch tarp along roll tube so both sides of tarp are equal in length. Install second U-clamp on rear tarp edge.

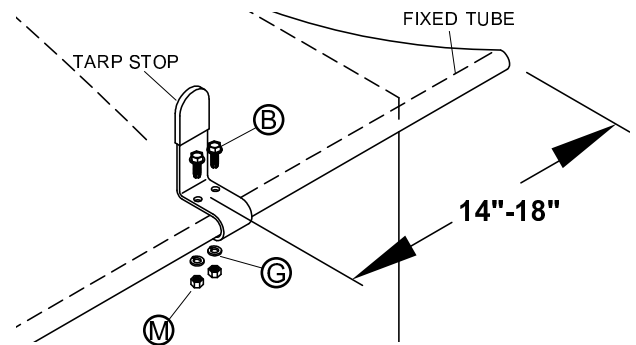


STEP 10: Equally space remaining U-clamps and install in same manner.

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

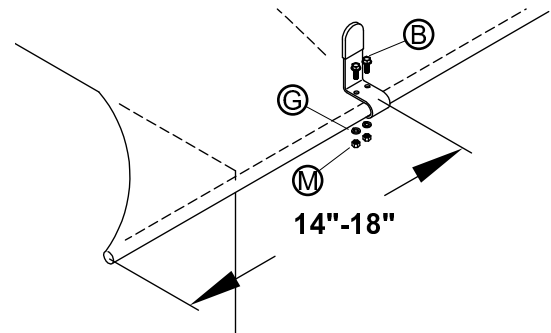


STEP 12: Locate first tarp stop 14" to 18" from front edge of fixed tube. Using tarp stop as a guide, mark and drill holes. Place tarp stop over fixed tube and fasten to box with screws **B**, lock washers **G** and nuts **M**.

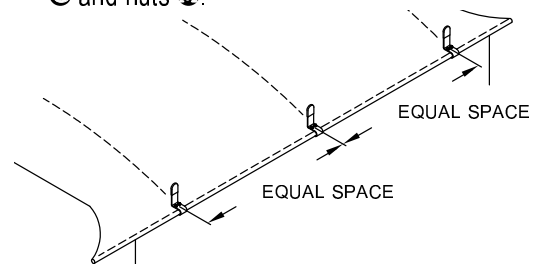


NOTE: Refer to note on page 1 for drill size.

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

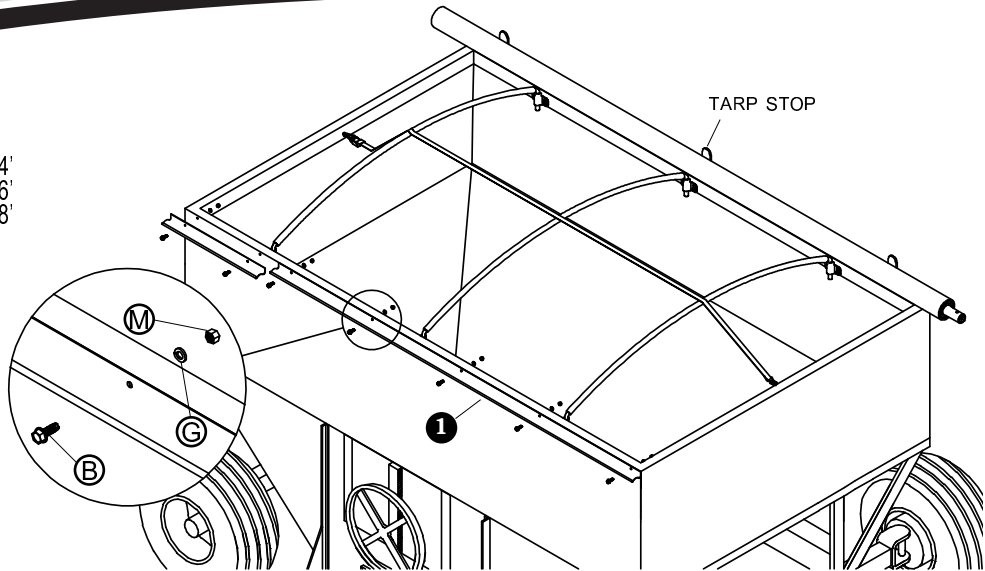


STEP 14: Equally space remaining tarp stops. Mark and drill holes and fasten to box with screws **B**, lock washers **G** and nuts **M**.

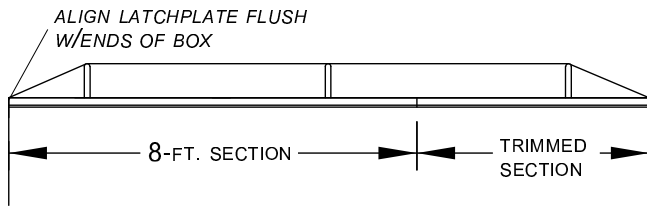


Item	Part #	Description
1.	1701546	Side Mount Latchplate - 4'
	1113005	Side Mount Latchplate - 6'
	1701547	Side Mount Latchplate - 8'
B.		Self-Tapping Screw - 3/8" x 1"
G.		Lock Washer - 3/8"
M.		Hex Nut - 3/8"

INSTALL LATCHPLATE ON
OPPOSITE SIDE OF BOX
FROM TARP STOPS

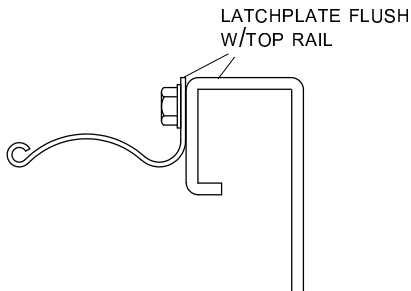


STEP 1: Trim and combine latchplate sections to align flush with front and rear ends of box.

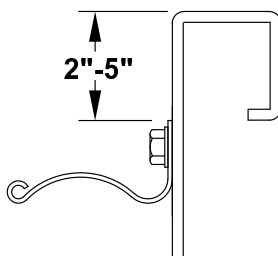


NOTE: Align latchplate sections to each other with care.

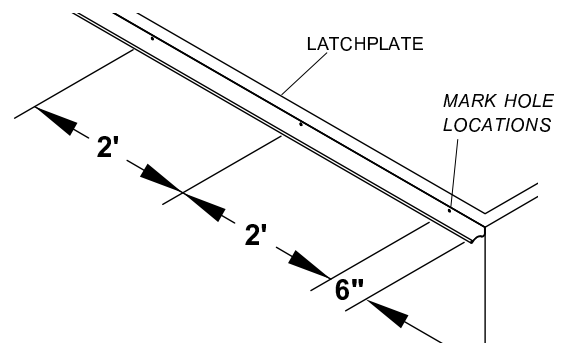
STEP 2A: Lip-out grain carts. Starting at rear of box, position latchplate sections flush with top edge of rail on driver side of box. Clamp into place.



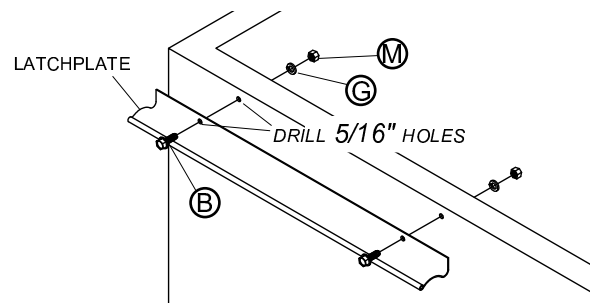
STEP 2B: Lip-in grain carts. Starting at rear of box, position latchplate sections 2" to 5" down from top edge of rail on driver side of box. Clamp into place.



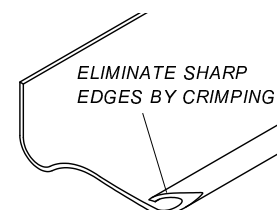
STEP 3: Mark hole locations on latchplate about every 2' apart, with holes no more than 6" from edges.



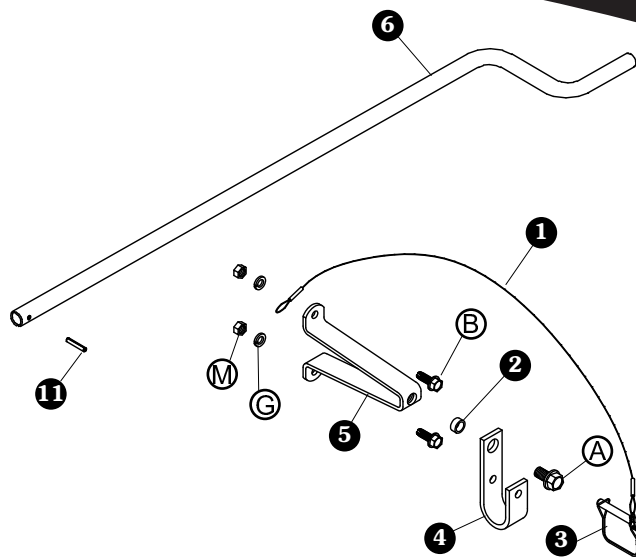
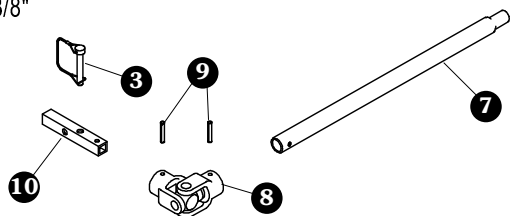
STEP 4: Drill 5/16" pilot holes through latchplate and box. Fasten with screws B, lock washers G and nuts M.



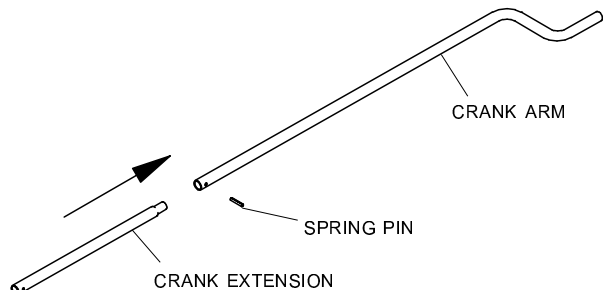
STEP 5: To prevent sharp edges from tearing tarp, round off corners after latchplate has been installed. Eliminate sharp edges by crimping.



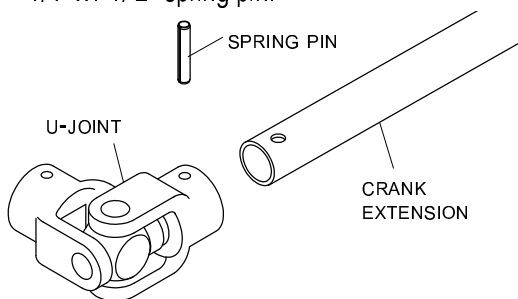
Item	Part #	Description
1.	1100574	Cable w/Snap
2.	1100306	Retainer Bushing
3.	1700526	Wire Lock Pin
4.	1100040	Crank Retainer J-Hook
5.	1100033	Crank Retainer Standoff - 7"
6.	1100461	Offset Crank Arm
7.	1107838	Crank Extension - 32 5/8"
8.	1700527	Econo U-Joint
9.	1700445	Spring Pin - 1/4" x 1 1/2"
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"	



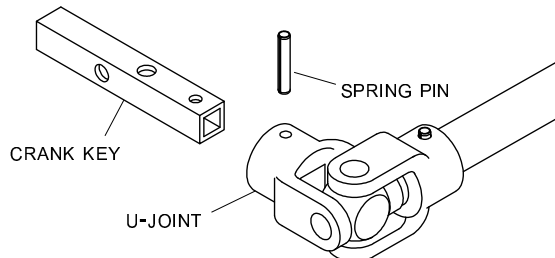
STEP 1: (Optional) Insert crank extension into crank arm. Fasten with 1/4" x 1 3/16" spring pin.



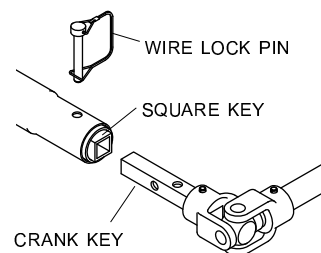
STEP 2: Insert crank arm/extension into U-joint. Secure with 1/4" x 1 1/2" spring pin.



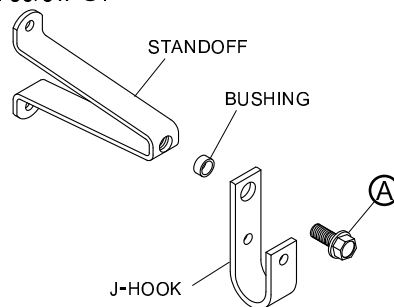
STEP 3: Insert crank key into U-joint as shown. Secure with 1/4" x 1 1/2" spring pin.



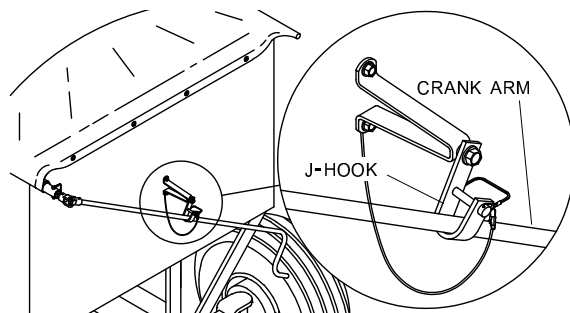
STEP 4: Insert crank key into socket on end of roll tube as shown. Align holes and secure with wire lock pin.



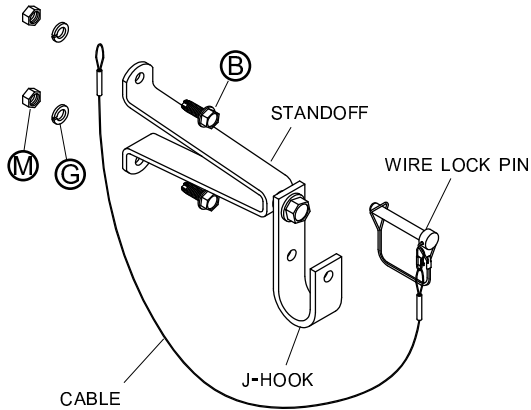
STEP 5: Assemble crank retainer standoff, bushing and J-hook with screw A.



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.

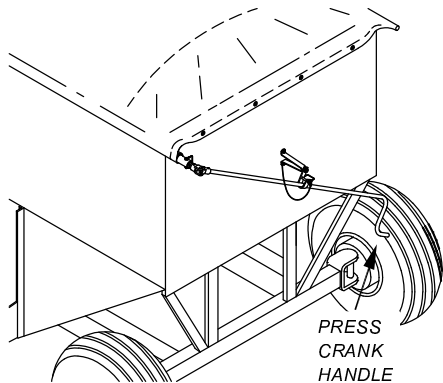


STEP 7: Mark and drill holes and fasten retainer to box with screws **B**, lock washers **G** and nuts **M**. Assemble wire lock pin and cable. Fasten cable with screw **B** between box and standoff.

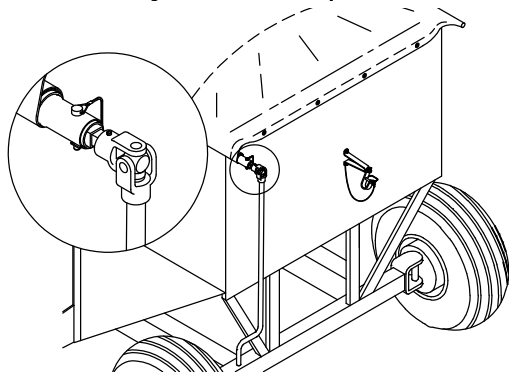


STEP 8: Tighten tarp by lifting crank handle up into crank retainer (about 45°).

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.

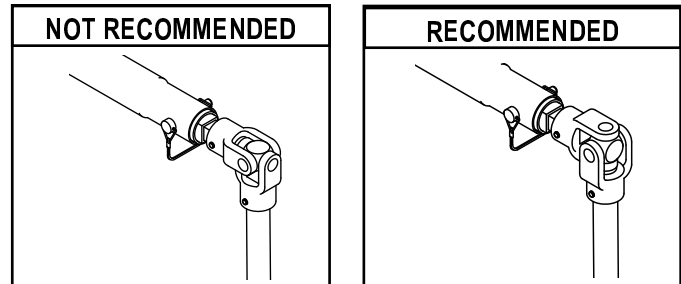


STEP 9: Hold crank handle firmly with both hands and roll tarp closed under latchplate. Bring crank handle perpendicular to ground to lock U-joint.



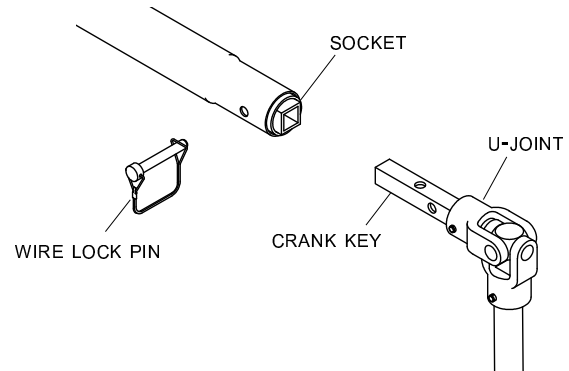
STEP 10: Check tarp tension. Holding crank arm at handle, press crank arm into crank retainer. It should take 40 to 60 pounds of pressure to force crank arm into crank retainer. Crank arm should bend 1/8".

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 (P/N 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.

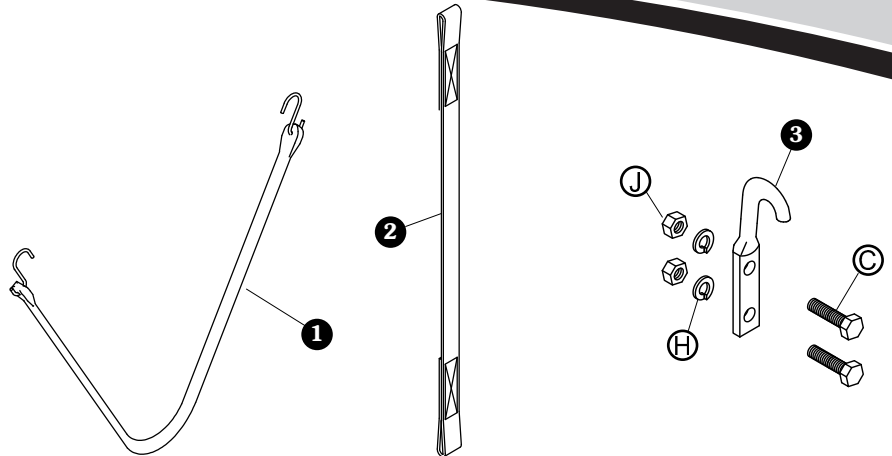
OPERATING INSTRUCTIONS

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 1106937

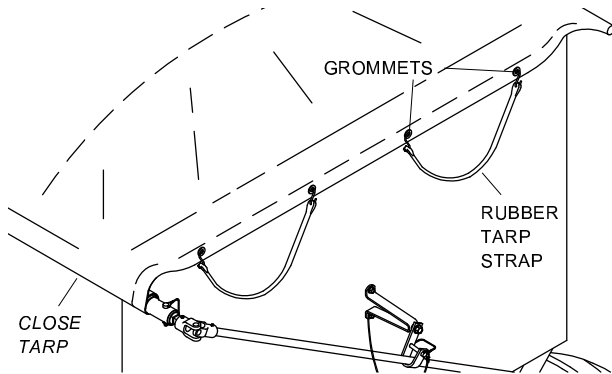
NOTE: Install decal near crank retainer on box or all warranty claims will be void.

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"



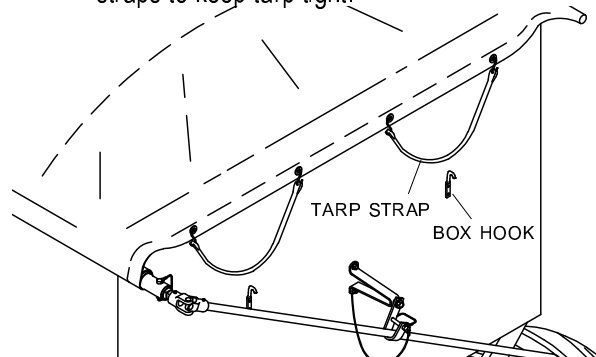
STEP 1: Close tarp, tighten roll tube under latchplate and lock crank arm into crank retainer.

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.

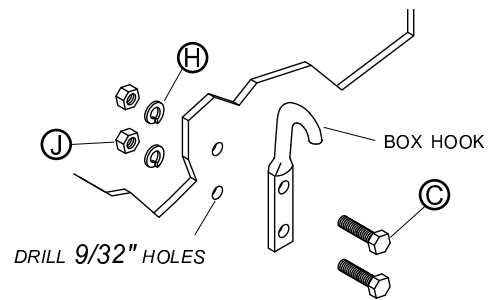
STEP 3: Center box hook below each tarp strap. Locate box hooks so sufficient tension will be placed on tarp straps to keep tarp tight.



CAUTION

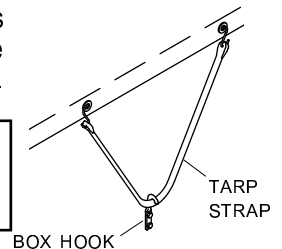
Do not put cart in motion without U-joint securely fastened to roll tube with wire lock pin. Do not travel over 35 mph.

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.

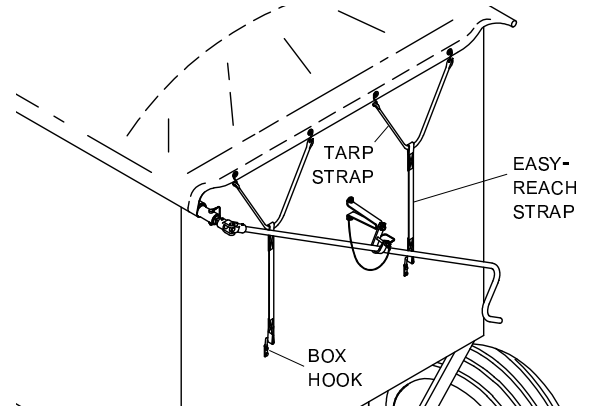


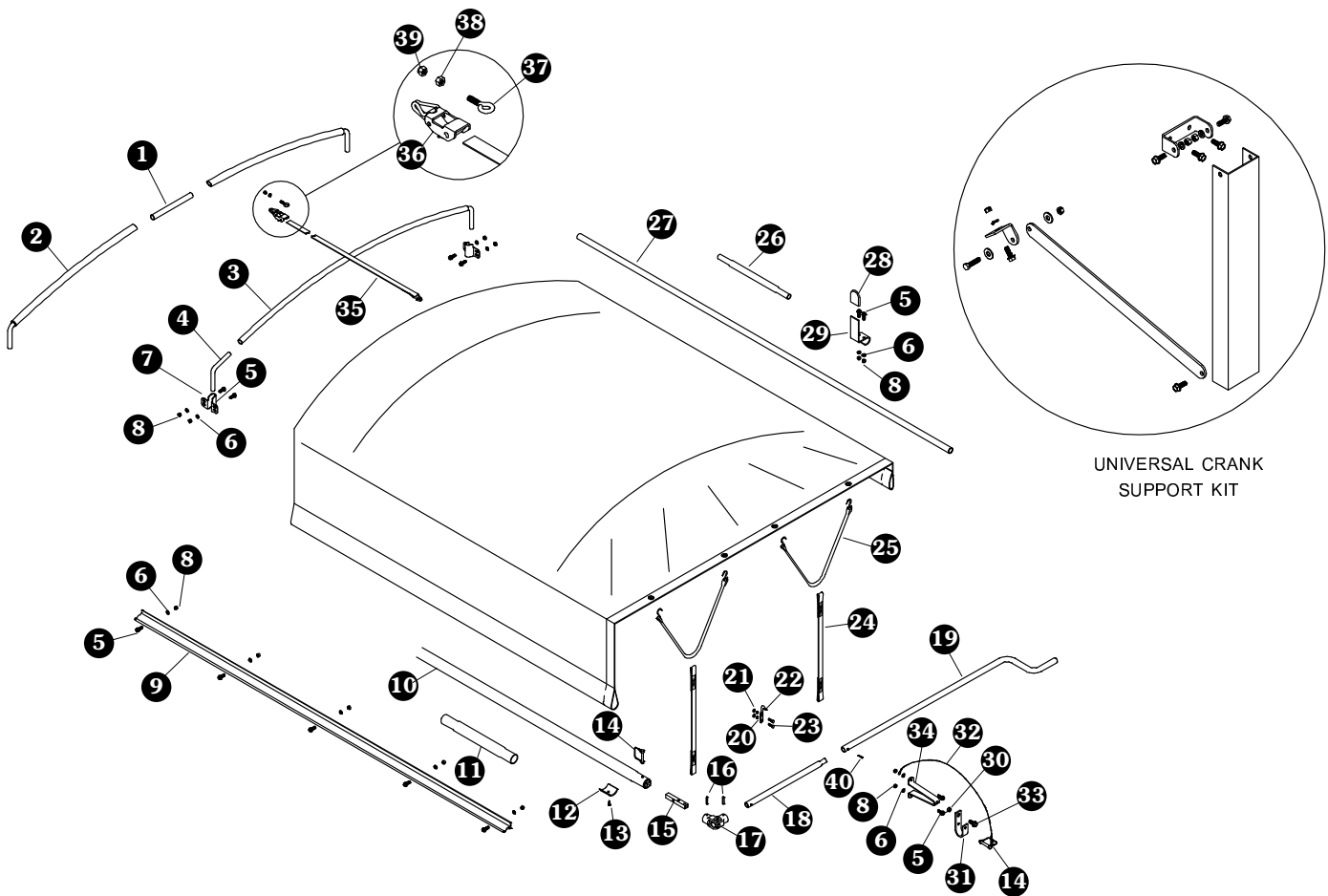
STEP 5: Hook rubber tarp straps over box hooks to secure front and rear of tarp to box.

NOTE: If gravity box is tall, use easy-reach straps and install box hooks where 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.

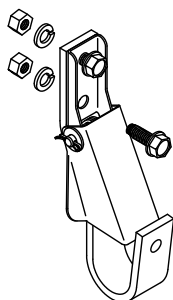




Item	Part #	Description	Item	Part #	Description	Item	Part #	Description
1.	1100685	X-Wide Bow Connector Tube	15.	1105166	Square Crank Key	33.	1702996	Cap Screw - 1/2" x 1 1/4"
2.	1116118	X-Wide Low Rise Bow	16.	1700445	Spring Pin - 1/4" x 1 1/2"	34.	1100033	Crank Retainer - 7" Standoff
3.	1117904	Std. 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.	1120836	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	Side Mount Latchplate - 8'		1107005	Easy-Reach Strap - 48"	1109138		X-Wide Low-Rise Bow Kit
	1113005	Side Mount Latchplate - 6'	25.	1700650	Rubber Tarp Strap - 21"	1111096		Recessed Tarp Stop w/Hdw.
	1701546	Side Mount 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	Cable w/#5 Interlock Snap - SS	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"			

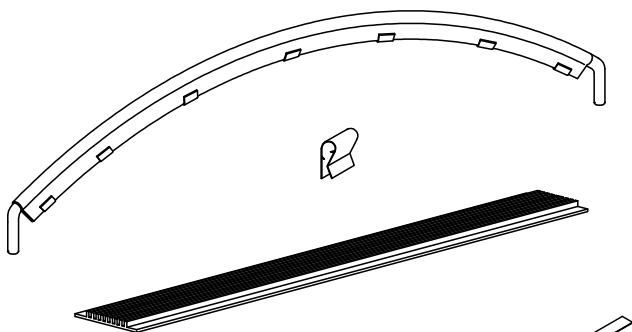
OFFSET PINLESS CRANK RETAINER

Secure the crank arm faster and safer 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.



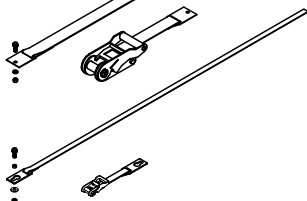
BOW COVER

Vinyl-coated bow covers wrap around bows to reduce tarp wear and grain splatter; prevents rust and "black mark transfer." Extra-wide bow covers also available.



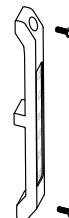
1" & 2" RIDGE STRAPS

Designed to resist stretching during weather changes, offer superior tarp support and provide easy adjustment with heavy-duty ratchets.



ROLL TUBE DEFLECTOR

Roll tube deflectors fasten to the side of your trailer to hold the roll tube 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

Professional tarp repair kit repairs your 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

22-oz. heavy-duty fabric, multicolored tarps, personalized tarps, reinforcements, extra length or width, 13 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 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 open.**

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

- **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

