

SHUR-CO®



Cable-Lok™ for Farm Body Trailers

OWNER'S MANUAL




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2309 SHURLOCK STREET
YANKTON, SD 57078-0713

SHOP ONLINE: www.SHOPSHURCO.COM



**SAFETY INSTRUCTIONS**

At Shur-Co®, your safety is our top priority. Please read and thoroughly understand all instructions before operating all equipment. Failure to READ AND FOLLOW INSTRUCTIONS may result in system failure, property damage, or personal injury. Pay close attention to warnings, cautions, and operating instructions. The hazard symbol  alerts users of potentially hazardous conditions, and is followed by Caution, Warning, or Danger messages to indicate risk:

- **Danger** : (Red) Indicates an imminently hazardous situation that, if not avoided, **WILL** result in death or serious injury.
- **Warning** : (Orange) Indicates a potentially hazardous situation that, if not avoided, **COULD** result in death or serious injury.
- **Caution** : (Yellow) Indicates a potentially hazardous situation that, if not avoided, **MAY** result in minor or moderate injury or damage to the system.
- **Notice** : (Blue) Indicates operational notes or other essential information without addressing safety.

Regularly inspect equipment to ensure proper performance. Always repair or replace worn or damaged parts immediately to maintain safety. Safety decals are placed at critical locations on the equipment. Keep these decals clean and legible at all times. Replace any decal that is worn, damaged, painted over or otherwise unreadable. Replacement decals can be obtained by your local Shur-Co® dealer.

- Always wear safety glasses during installation and operation.
- Stay clear of moving parts.
- No other use of Shur-Co® equipment is authorized, except as designed.

SHUR-CO® TERMS OF SERVICE**ORDER
TERMS AND CONDITIONS****WARRANTY****PATENTS****SERVICE AND DISTRIBUTION CENTERS**

www.shurco.com/about-us/corporate-locations/

LOCATIONS

MESSAGE TO OWNERS

Thank you for choosing Shur-Co® for your tarping system needs. We appreciate your confidence in our products. Please note that while this manual provides comprehensive installation and operation instructions, your trailer may require minor adjustments to these guidelines.

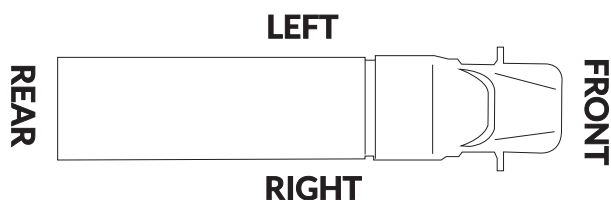
Visit Shurco.com to access the most current version of these instructions and other important product information.

QUESTIONS?
CALL OUR HELP LINE:
1-800-474-8756
MONDAY-FRIDAY
8 AM-5 PM CENTRAL TIME

MAINTENANCE

- Spray all bearings with penetrating oil as needed.
- Grease spring bearings as needed.
- Brush springs with a steel brush weekly to remove dirt, and spray with penetrating oil.
- Tighten loose bolts.
- Make sure arms are not hitting sides of box. Replace damaged/bent arms.
- Replace worn or broken springs.
- Replace/repair worn or damaged tarps.

VEHICLE ORIENTATION

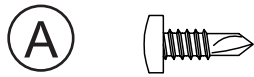


REQUIRED TOOLS

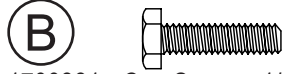
1. Grinder
 2. #3 Phillips Insert Bit or #3 Phillips Screw Driver
 3. Air or Electric Wrench w/9/16" Socket
 4. 1/2" Combination Wrench
 5. 9/16" Combination Wrench
 6. Electric Drill
 7. 3/16" Drill Bit
 8. 11/32" Drill Bit
 9. 5/16" Drill Bit (for 3/8" self-tapping screws)
 10. 3/8" Drill Bit (for 3/8" cap screws)
 11. 3/4" Combination Wrench or Socket & Wrench
 12. Socket Wrench w/1/2" Socket
 13. Tape Measure
 14. Pencil
 15. Clamps
 16. Band Saw or Hack Saw
 17. Pop Rivet Gun
 18. Hammer
 19. Pop Rivet Gun
 20. 13/32" Drill Bit
- Optional:
Hot Knife, Spray Paint, Caulk, Rubber Sealant or Welder

*PLEASE READ THE COMPLETE MANUAL BEFORE
PROCEEDING WITH INSTALLATION OR USE OF THE TARPING SYSTEM.*

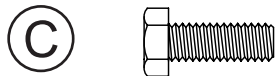
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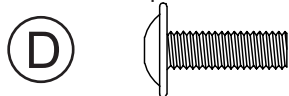
1700398 - Self-Drilling Screw - 1/4" x 3/4"



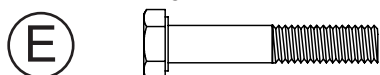
1700381 - Cap Screw - 1/4" x 1"



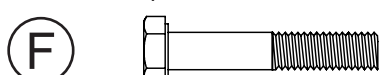
1702926 - Cap Screw - 5/16" x 7/8"



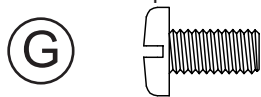
1704441 - Flanged Screw - 5/16" x 1"



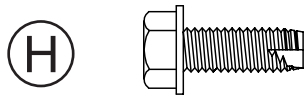
1701468 - Cap Screw - 5/16" x 1 3/4"



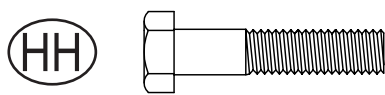
1704334 - Cap Screw - 5/16" x 1 3/4" SS



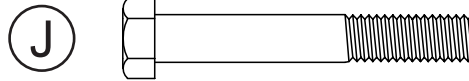
1705260 - Pan Hd. Screw - 3/8" x 3/4"



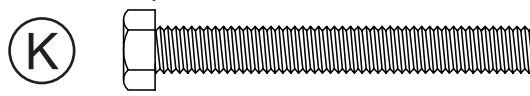
1700400 - Self-Tapping Screw - 3/8" x 1"



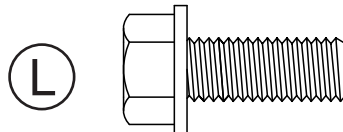
1700369 - Cap Screw - 3/8" x 1 3/4"



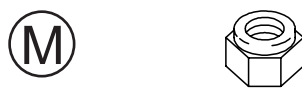
1702573 - Cap Screw - 3/8" x 2 1/2"



1704332 - Cap Screw - 3/8" x 3"



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



1701543 - Nylon Lock Nut - 1/4"



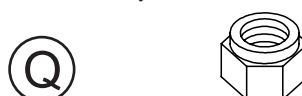
1700411 - Hex Nut - 5/16"



1702492 - Top Lock Nut - 5/16"



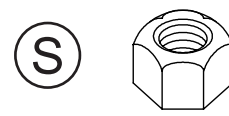
1700419 - Nylon Lock Nut - 5/16"



1704431 - Nylon Lock Nut - 5/16" SS



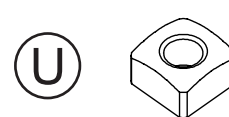
1700407 - Hex Nut - 3/8"



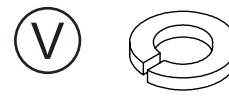
1702668 - Top Lock Nut - 3/8"



1700418 - Centerlock Nut - 3/8"



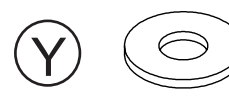
1705261 - Square Nut - 3/8"



1700434 - Lock Washer - 3/8"



1700433 - Lock Washer - 5/16"



1700428 - Flat Washer - 5/16"

NOTE: Wherever 3/8" x 1" self-tapping screws (G) are used, use lock washers (U) and nuts (R), 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.

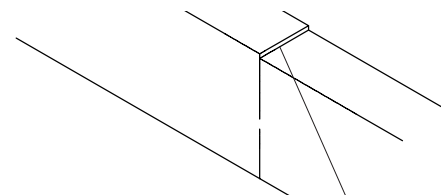
TARP INSPECTION

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

BOX PREPARATION

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

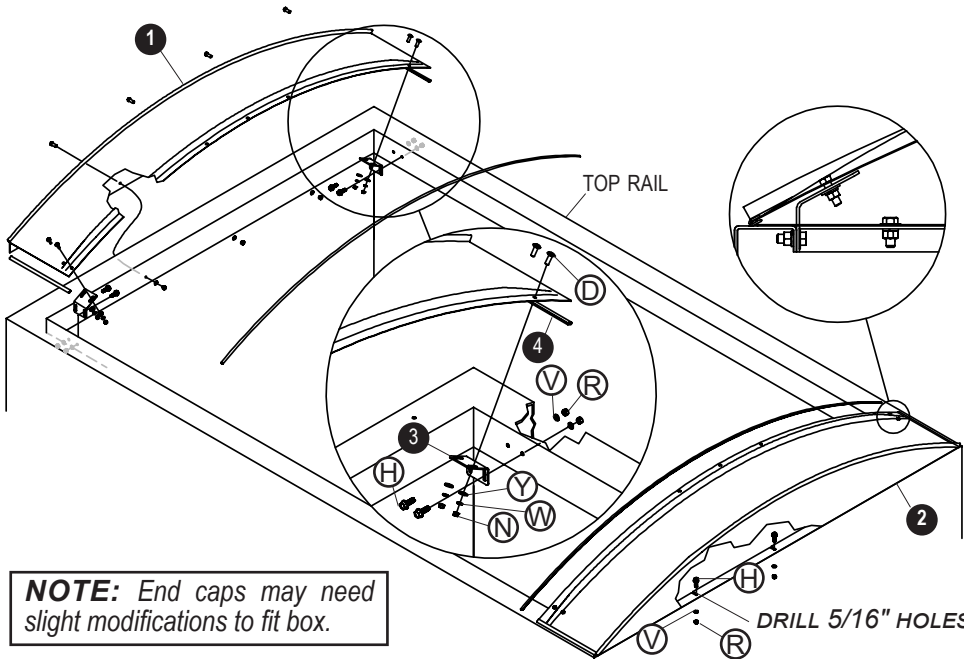
To prevent rust, paint all exposed metal, such as weld seams and/or metal exposed by grinding or cutting, with corrosion-resistant paint.



REMOVE SHARP EDGES ON TOP RAIL -
PAINT ALL EXPOSED METAL

CAUTION

If used, box extensions (tip tops) must be securely fastened to the truck box. Failure to do so may result in the system detaching during operation.



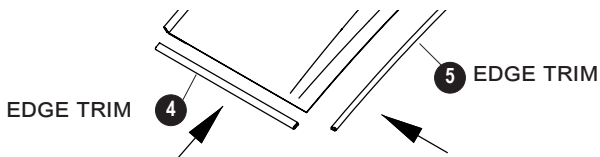
Item	Part #	Description
1.	*	Galv. Face Mt. Cap - 6" Rise
	*	Galv. Face Mt. Cap - 10" Rise
2.	*	Galv. Top Mt. Cap - 6" Rise
	*	Galv. Top Mt. Cap - 10" Rise
3.	1118188	End Cap Brkt. - LR - Side Mt.
	1118189	End Cap Brkt. - HR - Side Mt.
4.	1118596	Edge Trim - 30"
D.	1704441	Flanged Screw - 5/16" x 1"
H.	1700400	Self-Tapping Screw - 3/8" x 1"
N.	1700411	Hex Nut - 5/16"
R.	1700407	Hex Nut - 3/8"
V.	1700434	Lock Washer - 3/8"
W.	1700433	Lock Washer - 5/16"
Y.	1700428	Flat Washer - 5/16"

*Specify style and size

TIP: Apply bead of caulk or rubber seal where cap meets top rail to improve watertightness of caps.

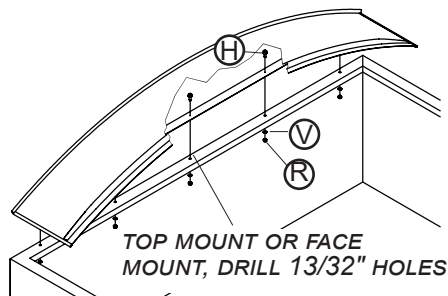
NOTE: End caps may need slight modifications to fit box.

STEP 1: Apply edge trim to end caps, placing edge trim (4) on sides of caps and edge trim (5) on inside edges.

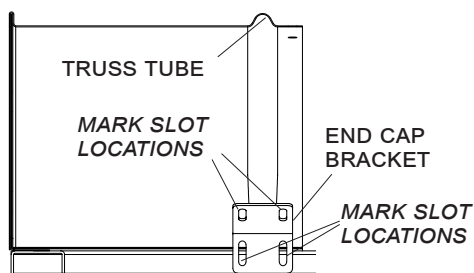


STEP 2: Center caps on box. Mark five evenly spaced hole locations on top rail/box and caps. Drill 13/32" holes and fasten end caps to top rail with screws (H), lock washers (V) and nuts (R).

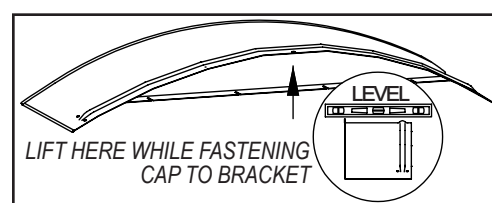
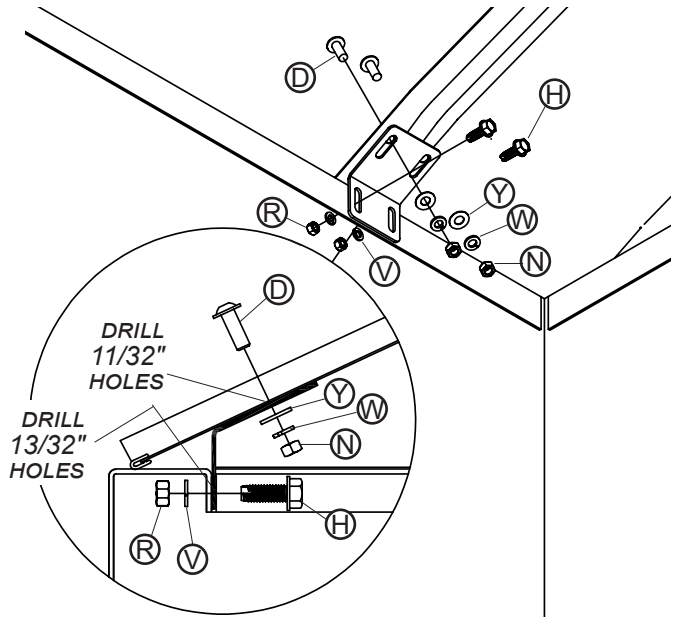
TIP: If cap has mounting slots, loosely fasten screws and nuts into top rail. Slide cap into place, then tighten screws.

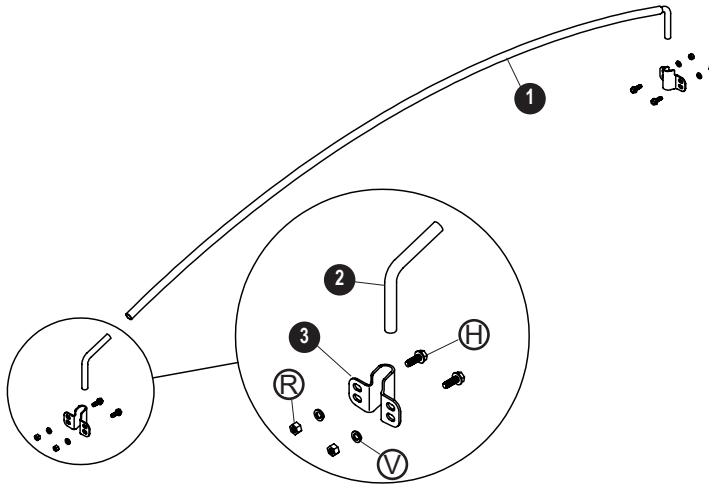


STEP 3: Center end cap brackets under truss tube. Mark locations of slotted holes on box and end caps.



STEP 4: Drill 13/32" holes at marked locations on box. Fasten bracket to box with screws (H), flat washers (V), and nuts (R). Drill 11/32" holes and fasten bracket to end cap with screws (D), flat washers (Y), lock washers (W), and nuts (N).

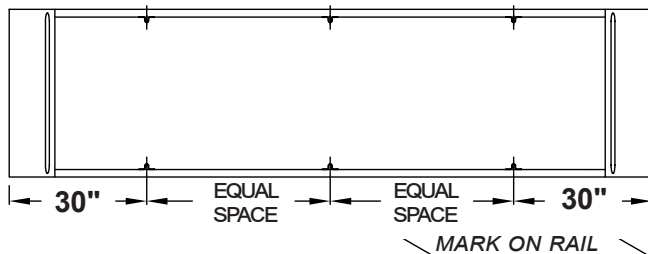




NOTE: Refer to note under hardware Identification on page 5 for drill size.

Item	Part #	Description
1.	1117905	Std. High-Rise Bow - 89" to 95"
	1100762	Std. High-Rise Bow - 96" to 102"
	1116120	Std. Low-Rise Bow - 85" to 92"
	1100760	Std. Low-Rise Bow - 93" to 102"
2.	1106925	Std. High-Rise Bow Shank
	1100695	Std. Low-Rise Bow Shank
3.	1120836	Single Bow Bracket
H.	1700400	Self-Tapping Screw - 3/8" x 1"
R.	1700407	Hex Nut - 3/8"
V.	1700434	Lock Washer - 3/8"

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

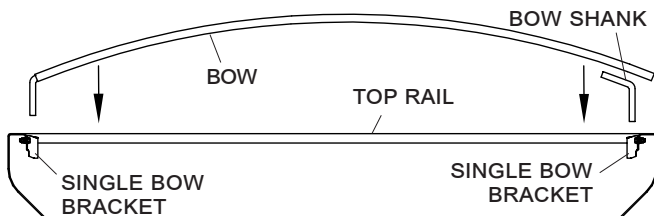


STEP 2: Align center of brackets with mark. Clamp brackets to rails.

MOUNTING CAVITY

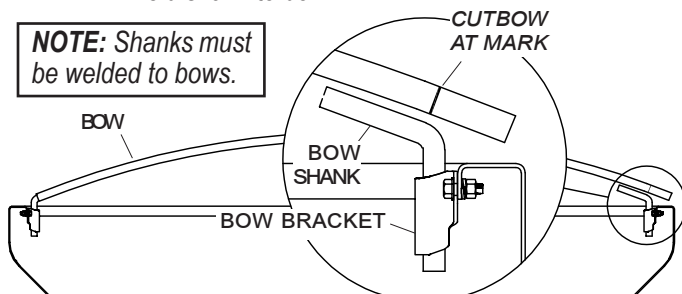


STEP 3: Place bow into bow bracket. Place loose bow shank in opposite bow bracket.



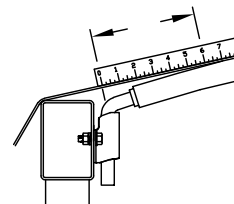
STEP 4: Align bow with bow shank. Mark and cut bow at point where bend starts on shank. Grind edges smooth and weld shank to bow.

NOTE: Shanks must be welded to bows.



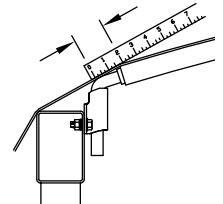
STEP 5: Adjust bow brackets vertically to allow 3" to 6" between bend in bow shank and point where tarp will contact bow.

3" - 6" DISTANCE



**CORRECT POSITION
REDUCES TARP WEAR**

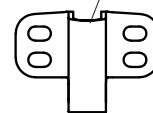
DISTANCE LESS THAN 3"



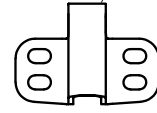
**LOWER BRACKETS TO
REDUCE TARP WEAR**

NOTE: Orient bow brackets with either long or short side up in order to attain correct bow height.

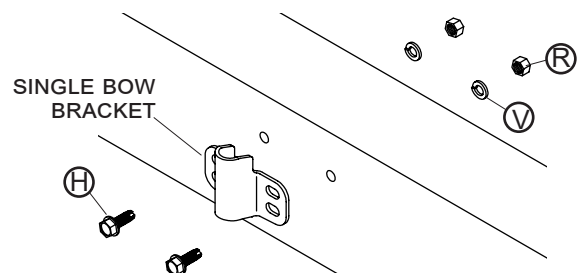
SHORT SIDE UP



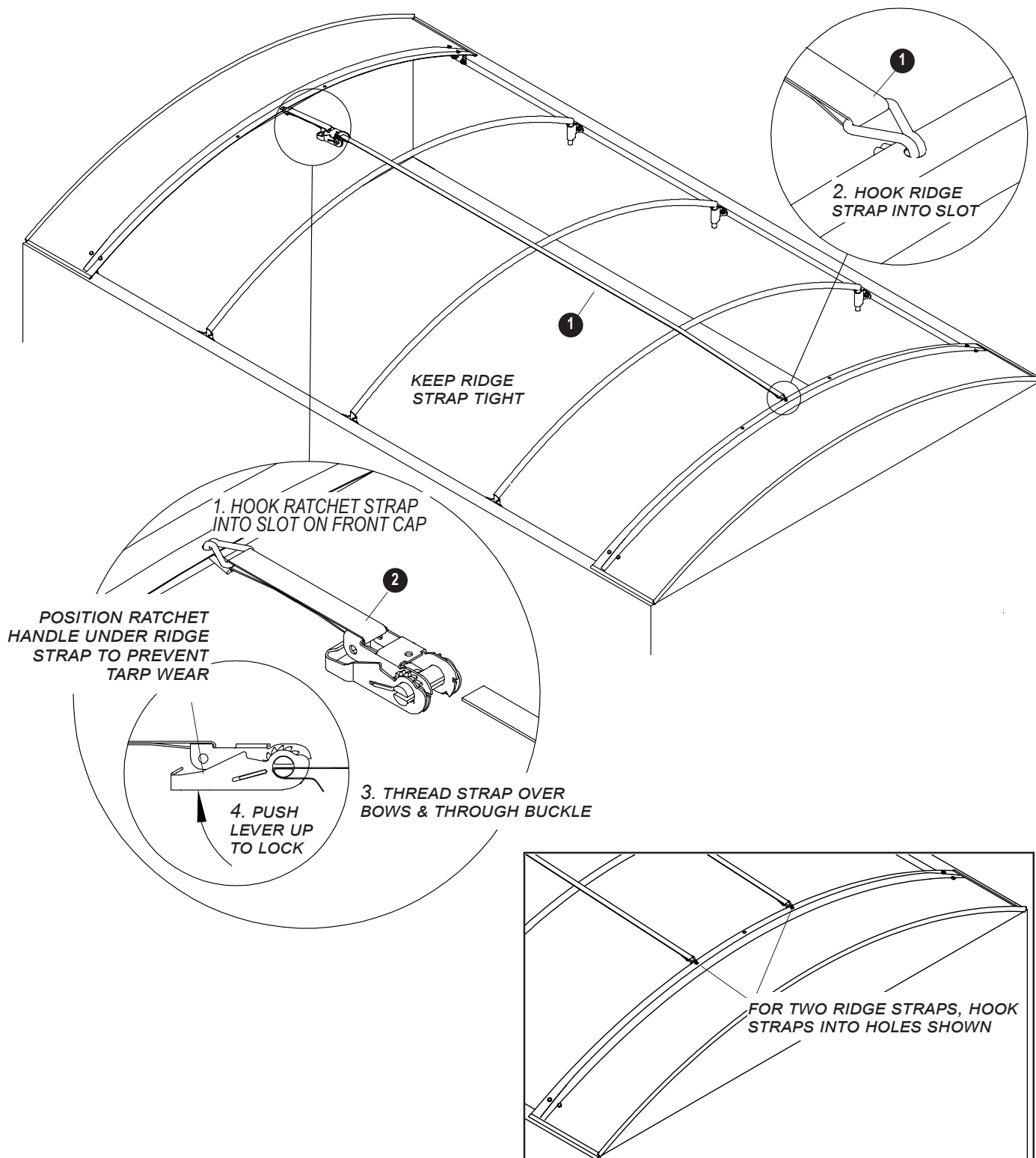
LONG SIDE UP



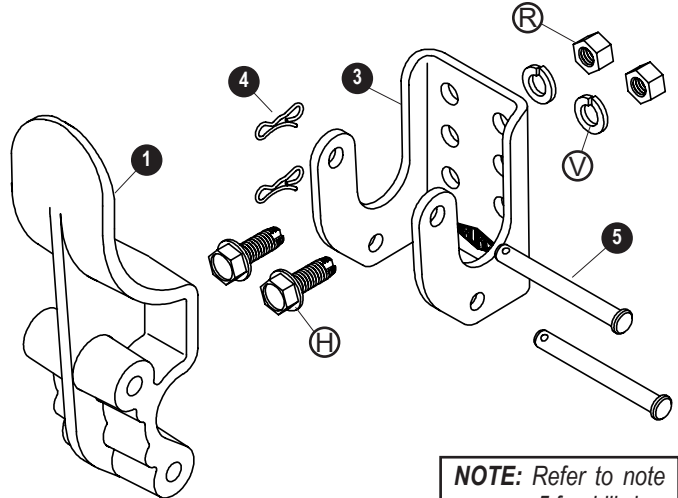
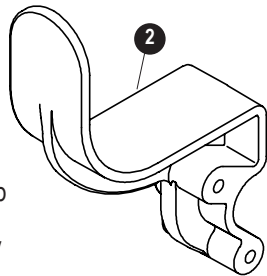
STEP 6: Mark and drill 13/32" holes and mount brackets with screws (H), lock washers (V) and nuts (R). Install bows into bow brackets.



Item	Part #	Description
1.	1118520	Ridge Strap w/Hook - 1" x 10'
	1118522	Ridge Strap w/Hook - 1" x 14'
	1118524	Ridge Strap w/Hook - 1" x 24'
2.	1118511	Ratchet w/1" Ridge Strap & Hook



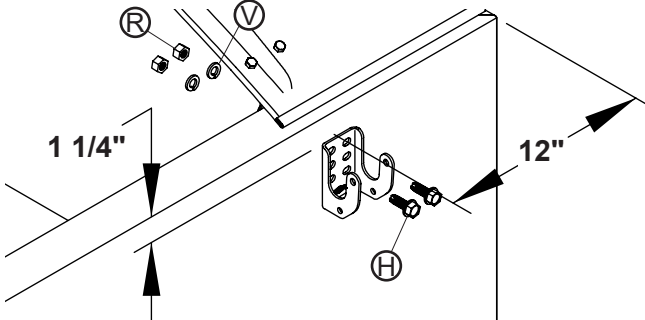
Item	Part #	Description
1.	1705775	Easy-Off Cast Aluminum Tarp Stop Upright
2.	1705454	Easy-Off Cast Alum. Tarp Stop Upright - Offset
3.	1100833	Easy-Off Tarp Stop Body
4.	1704380	Bowtie Cotter Pin
5.	1703604	Clevis Pin - 5/16" x 2 7/8"
H.	1700400	Self-Tapping Screw - 3/8" x 1"
R.	1700407	Hex Nut - 3/8"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



NOTE: Refer to note on page 5 for drill size.

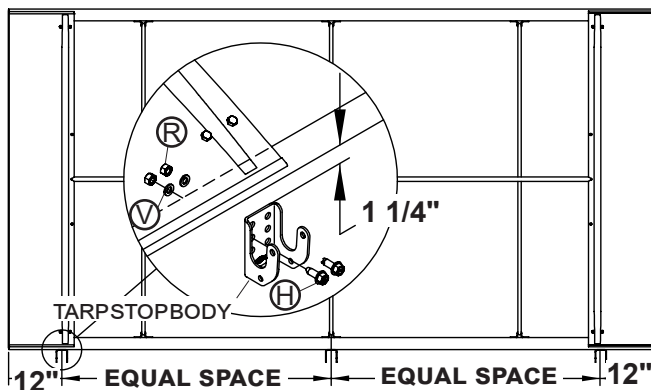
NOTE: If you are installing system to open from right side of box, locate tarp stops on right side.

STEP 1: Locate first tarp stop body 12" from front edge of box and 1 1/4" below top of side rail. Mark and drill holes and fasten to box with screws (H), lock washers (V) and nuts (R).



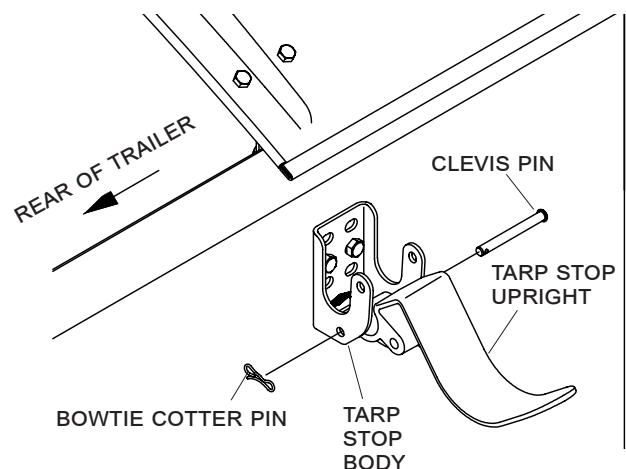
NOTE: Install tarp stop body on vertical surface. Fasten through holes that best fit top rail configuration.

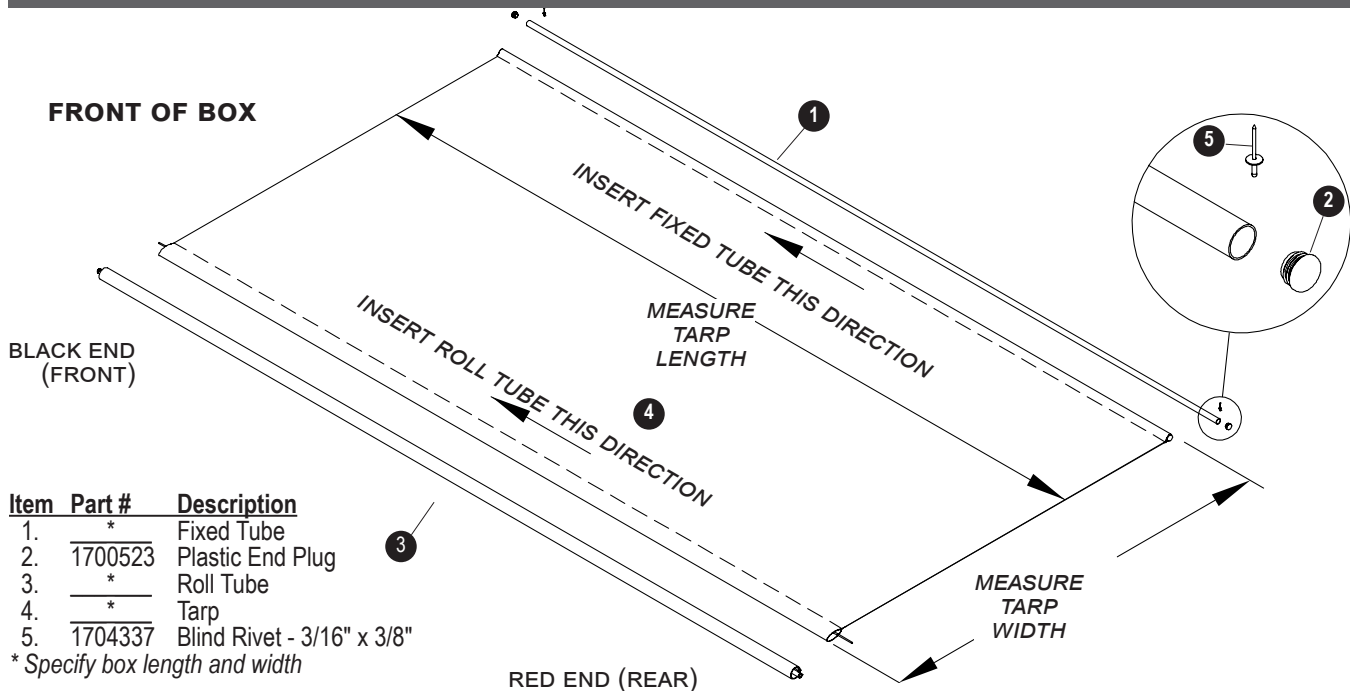
STEP 2: Locate second tarp stop body 12" from rear edge of box and 1 1/4" below top of side rail. Mark and drill holes and fasten with screws (H), lock washers (V), and nuts (R). Equally space remaining tarp stop bodies.



STEP 3: Align lower holes in tarp stop uprights with lower holes in tarp stop bodies. Insert clevis pins through aligned holes and secure with bowtie cotter pin.

NOTE: Position cotter pins at rear of bracket as shown.

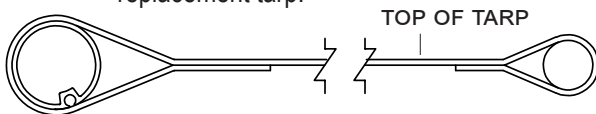




Item	Part #	Description
1.	*	Fixed Tube
2.	1700523	Plastic End Plug
3.	*	Roll Tube
4.	*	Tarp
5.	1704337	Blind Rivet - 3/16" x 3/8"

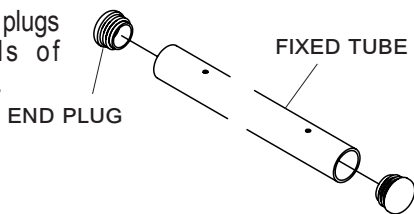
* Specify box length and width

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

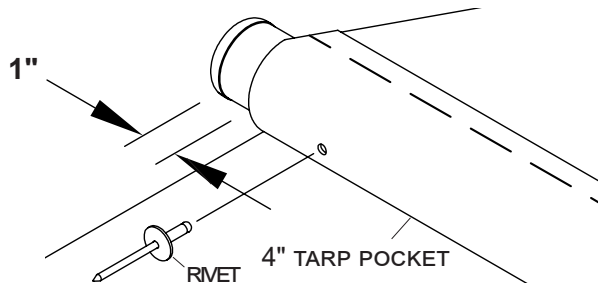


NOTE: Tarps cannot be returned at Shur-Co's expense beyond this point. Tarps damaged beyond this point may be returned for repair or replacement at owner's expense.

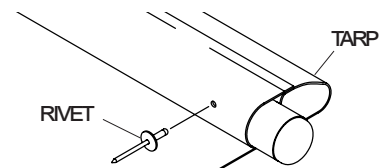
STEP 2: Install end plugs into ends of fixed tube.



STEP 3: Insert fixed tube into 4" tarp pocket. Extend tube 1" past tarp edge, align pre-punched hole in tarp with 3/16" hole in fixed tube and secure with 3/16" rivet.

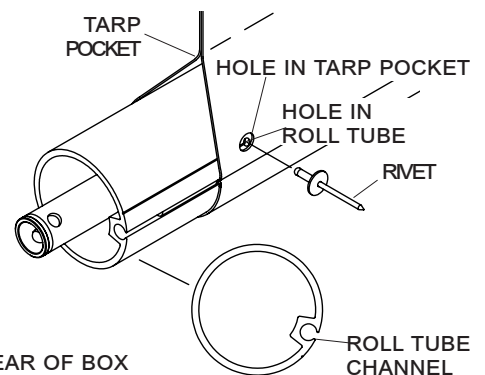


STEP 4: Stretch tarp along fixed tube until second hole in tarp is aligned with second hole in fixed tube, then secure second rivet on opposite end of fixed tube.



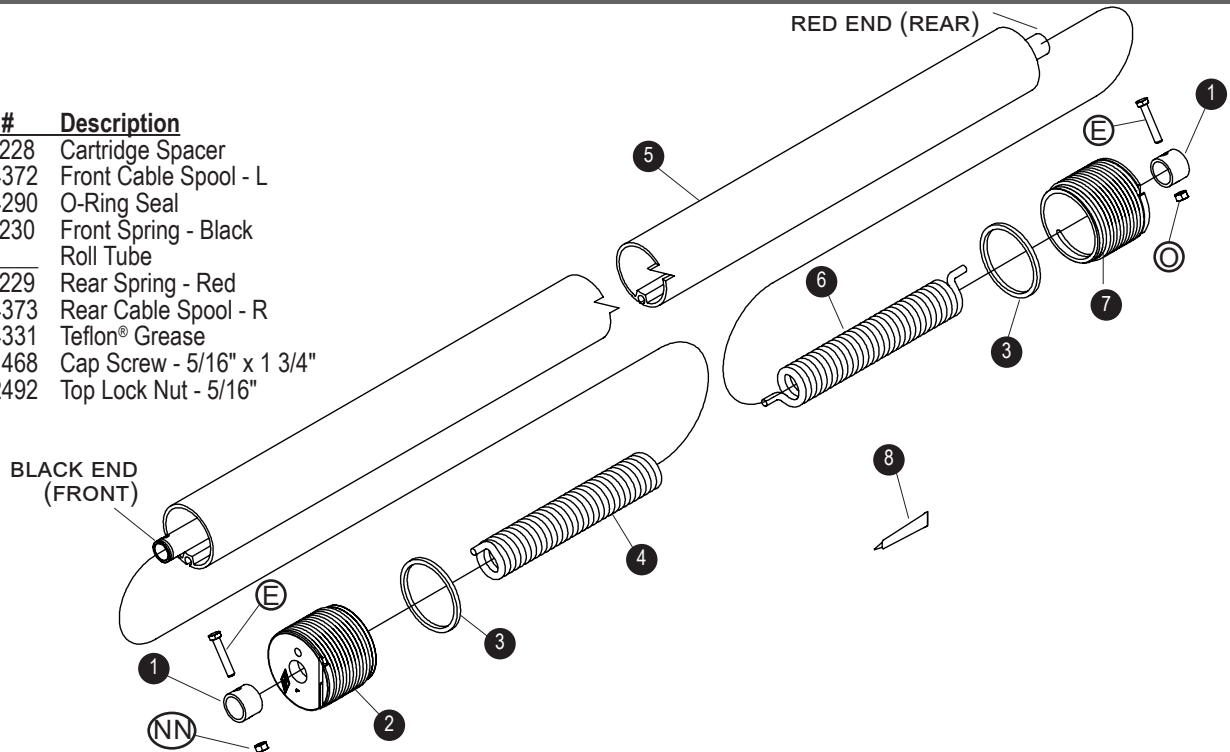
STEP 5: Roll tube. Align roll tube with 6 1/4" pocket in tarp so channel in roll tube lines up with rod sewn inside tarp pocket. Make sure hole in roll tube and hole in tarp are on same side of rod. Slide roll tube into tarp pocket, fitting rod into channel. Align hole near end of roll tube with hole in tarp. Fasten with rivet. At opposite end of roll tube, stretch tarp until hole in tarp aligns with hole in roll tube. Fasten with rivet.

TIP: Inflate 6 1/4" tarp pocket with air chuck while inserting roll tube.

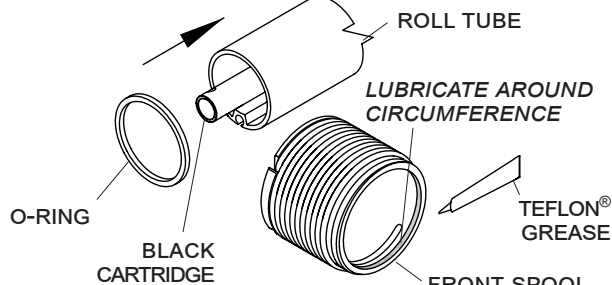


NOTE: Rod must extend past edge of tarp but must not extend past edge of roll tube. Trim rod, if required.

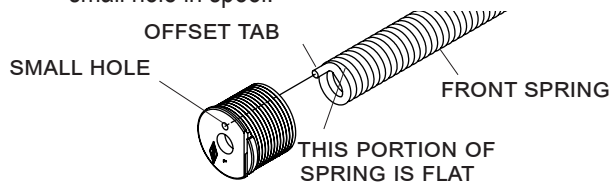
Item	Part #	Description
1.	1118228	Cartridge Spacer
2.	1704372	Front Cable Spool - L
3.	1704290	O-Ring Seal
4.	1118230	Front Spring - Black
5.		Roll Tube
6.	1118229	Rear Spring - Red
7.	1704373	Rear Cable Spool - R
8.	1704331	Teflon® Grease
E.	1701468	Cap Screw - 5/16" x 1 3/4"
NN.	1702492	Top Lock Nut - 5/16"



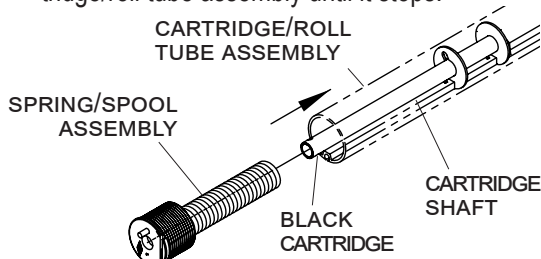
STEP 1: Slide O-ring onto roll tube. Lubricate inside of front spool (marked L) with Teflon® grease.



STEP 2: Insert spring into spool so offset tab goes through small hole in spool.

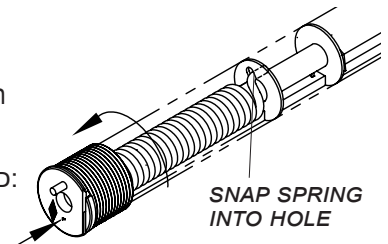


STEP 3: Insert spring and spool onto black cartridge shaft. Continue to slide spring/spool assembly into cartridge/roll tube assembly until it stops.



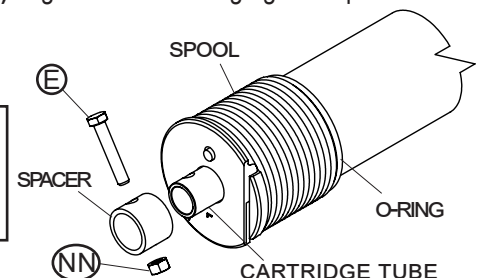
STEP 4: Turn front spool (marked 'L') and push to fully engage spring in roll tube.

SPOOLS MARKED:
L = FRONT
R = REAR



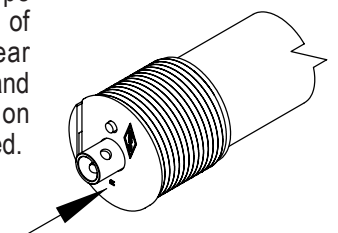
STEP 5: Slide spacer on cartridge tube. Align holes with cartridge tube and fasten with cap screw (E) and lock nut (O). Tighten. Push O-ring against spool.

NOTE: Spacer should fit tight against face of spool.

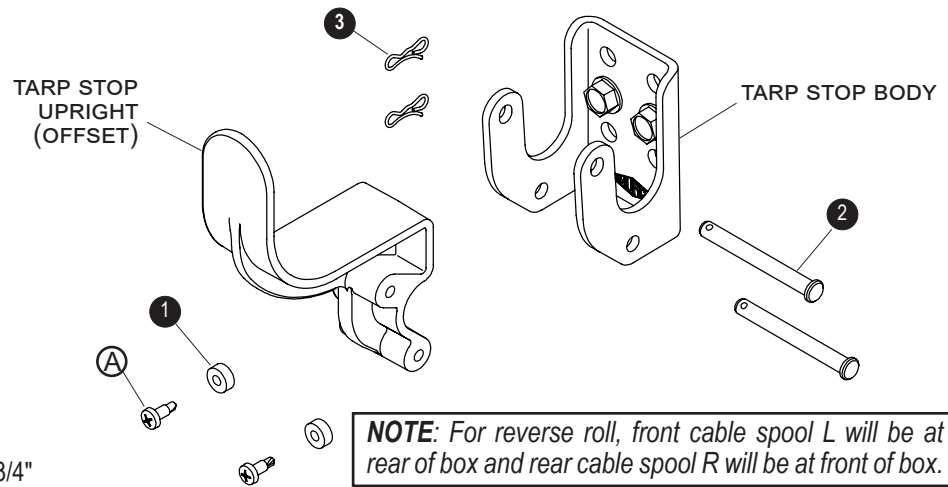


STEP 6: Rear. Repeat steps 1 to 5 on rear end of roll tube, using rear spool (marked R) and red spring. Install on cartridge marked red.

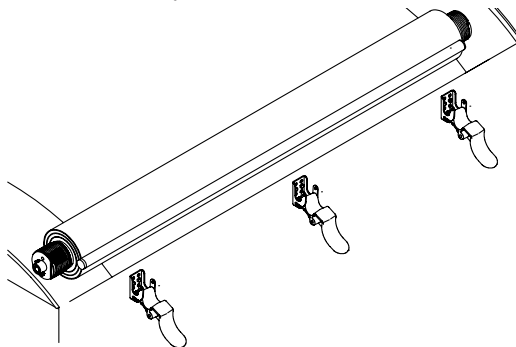
SPOOLS MARKED:
L = FRONT
R = REAR



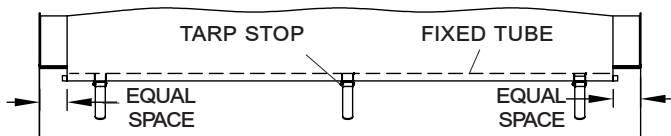
Item	Part #	Description
1.	1118037	Plastic Washer - Black
2.	1703604	Clevis Pin - 5/16" x 2 7/8"
3.	1704380	Bowtie Cotter Pin
A.	1700398	Self-Drilling Screw - 1/4" x 3/4"



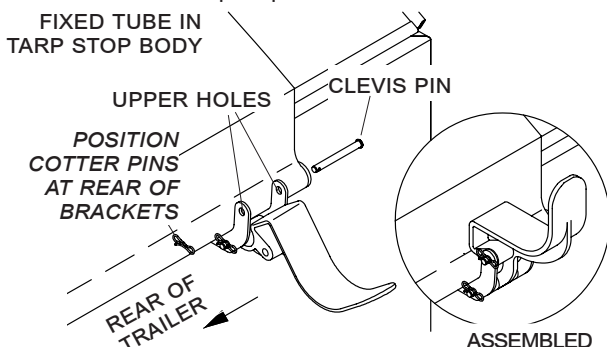
STEP 1: Wind tarp completely around roll tube. Lift rolled-up tarp assembly onto fixed tube side of farm box.



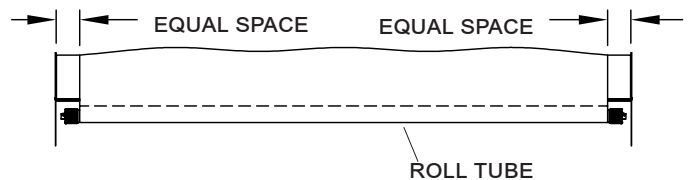
STEP 2: Center tarp on farm box, overlapping end caps. Unroll tarp so fixed tube hangs over edge of box. Square up tarp and fixed tube. Adjust tarp so fixed tube rests squarely in tarp stop bodies.



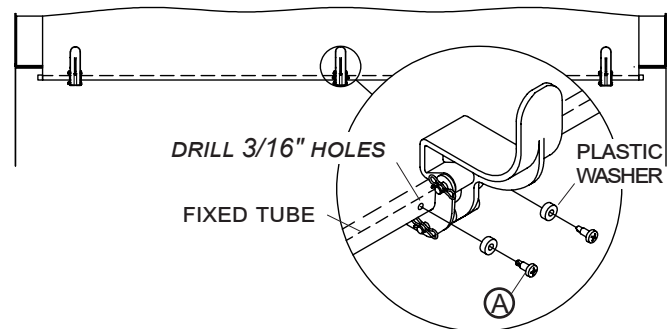
STEP 3: Align upper holes in tarp stop uprights with upper holes in tarp stop bodies. Insert clevis pins through aligned holes and secure with bowtie cotter pins. Repeat for each tarp stop.



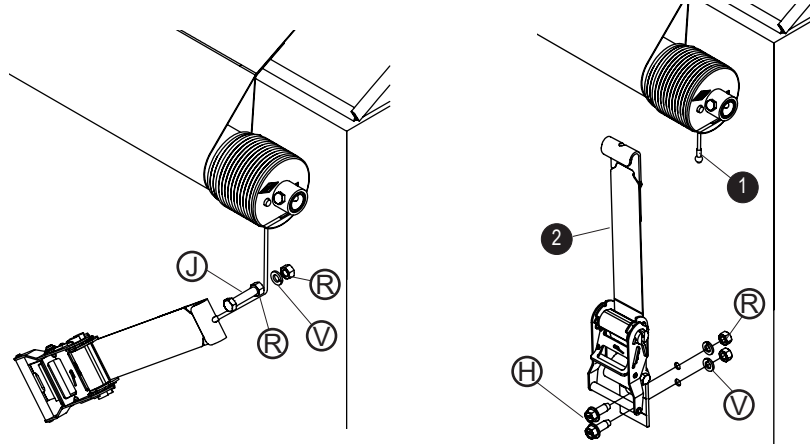
STEP 4 : Make sure tarp and roll tube are centered on box.



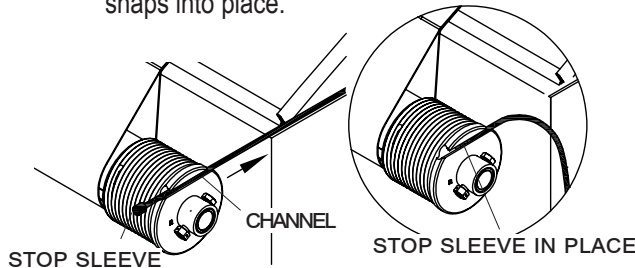
STEP 5: At center tarp stop, hold plastic washer against tarp stop body. Using washer as guide, drill 3/16" hole through tarp and fixed tube. Using #3 Phillips bit, thread self-drilling screw (A) through washer and hole in fixed tube. Remove screw and use screw to fasten washer to fixed tube. Do not overtighten. Repeat on other side of tarp stop body.



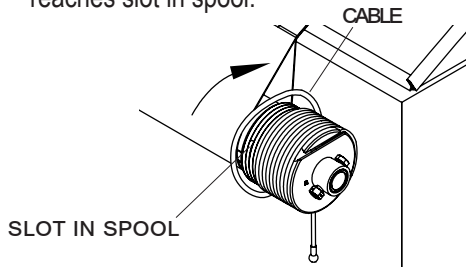
Item	Part #	Description
1.	1704295	Galvanized Cable - 139"
	1704294	Galvanized Cable - 151"
2.	1118275	Ratchet Strap Assembly - 18"
	1118276	Ratchet Strap Assembly - 42"
H.	1700400	Self-Tapping Screw - 3/8" x 1"
J.	1702573	Cap Screw - 3/8" x 2 1/2"
R.	1700407	Hex Nut - 3/8"
V.	1700434	Lock Washer - 3/8"



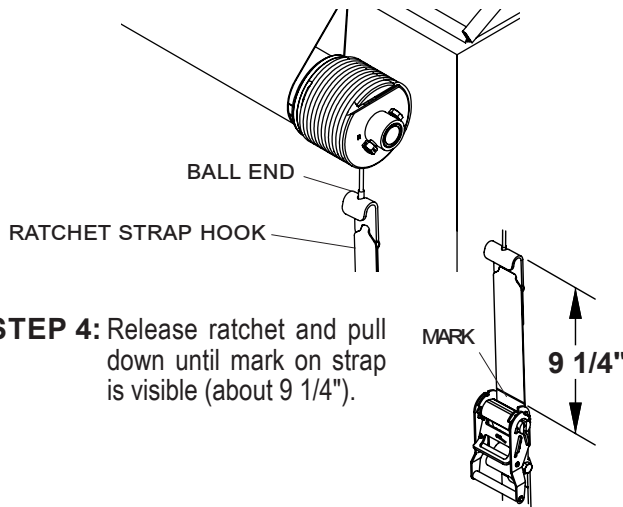
STEP 1: With tarp closed, insert stop sleeve end of cable into channel on end of spool. Pull cable until stop sleeve snaps into place.



STEP 2: Wrap cable into grooves around spool until cable reaches slot in spool.

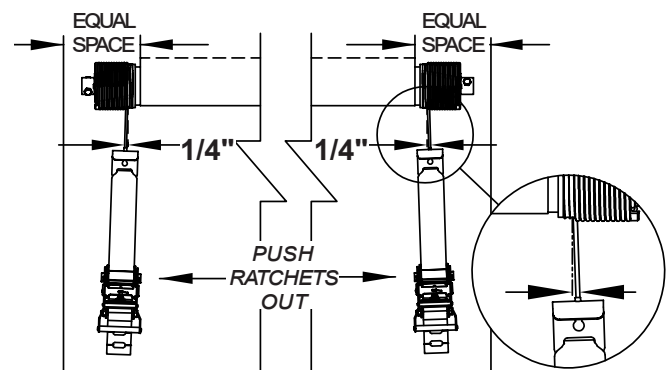


STEP 3: Hook ball end of cable to ratchet strap hook.

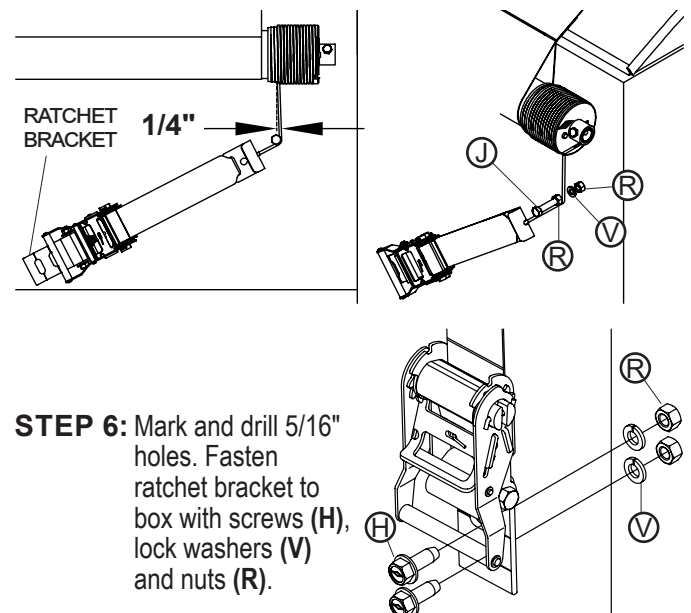


STEP 4: Release ratchet and pull down until mark on strap is visible (about 9 1/4").

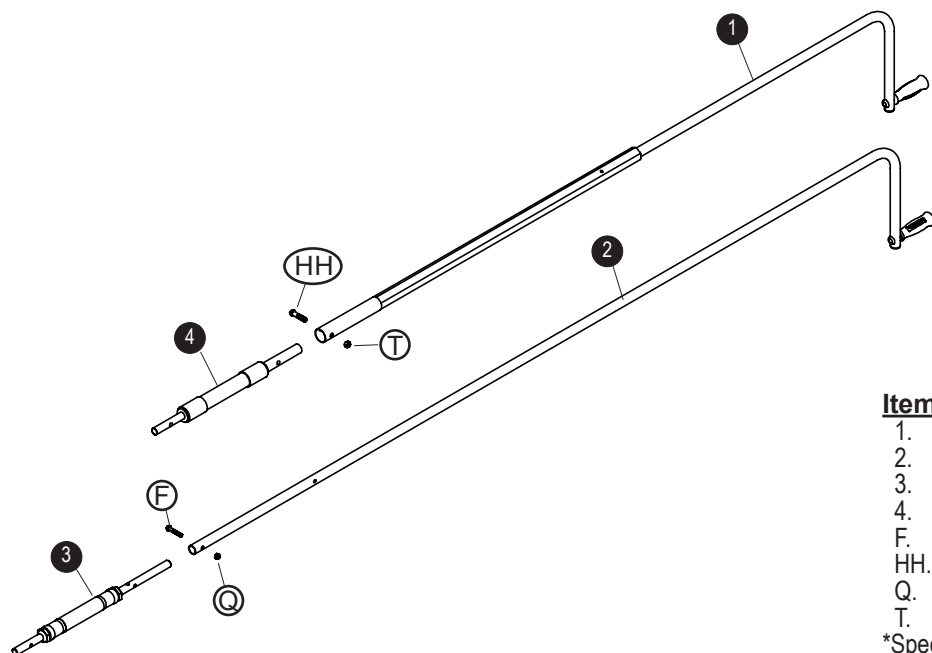
STEP 5: To ensure cable winds correctly in spool grooves, push ratchets out so cable moves 1/4".



STEP 5A: If vertical surface is too short to mount ratchets. Mark location for 5/16" holes after ratchets are pushed out so cable moves 1/4". Drill holes. Tighten nut (R) on screw (J) and fasten to box with lock washer (V) and nut (R). Guide cable around cap screw and rotate ratchet bracket to fit on vertical surface.



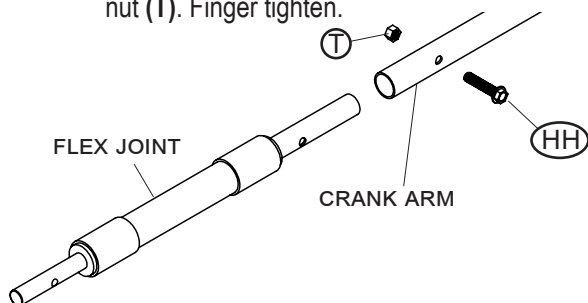
STEP 6: Mark and drill 5/16" holes. Fasten ratchet bracket to box with screws (H), lock washers (V) and nuts (R).



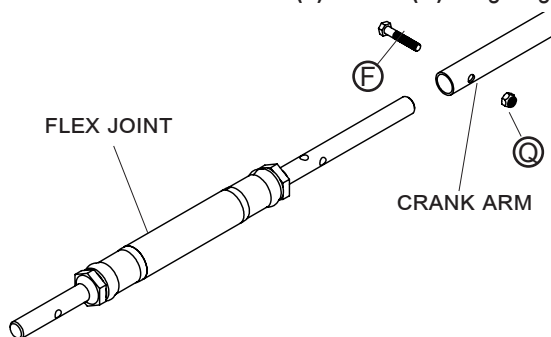
Item	Part #	Description
1.	*	Crank Arm Assembly - Telescoping
2.	1123954	Crank Arm Assembly - One Piece
3.	1122010	Flex Joint Assembly
4.	1118722	Flex Joint Assembly - 12"
F.	1701468	Cap Screw - 5/16" x 1 3/4"
HH.	1700369	Cap Screw - 3/8" x 1 3/4"
Q.	1700419	Nylon Lock Nut - 5/16"
T.	1700418	Centerlock Nut - 3/8"

*Specify length

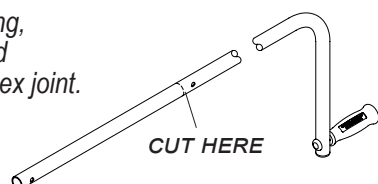
STEP 1A: Telescoping crank option. Insert flex joint into end of crank arm. Secure with screw (HH) and nut (T). Finger tighten.



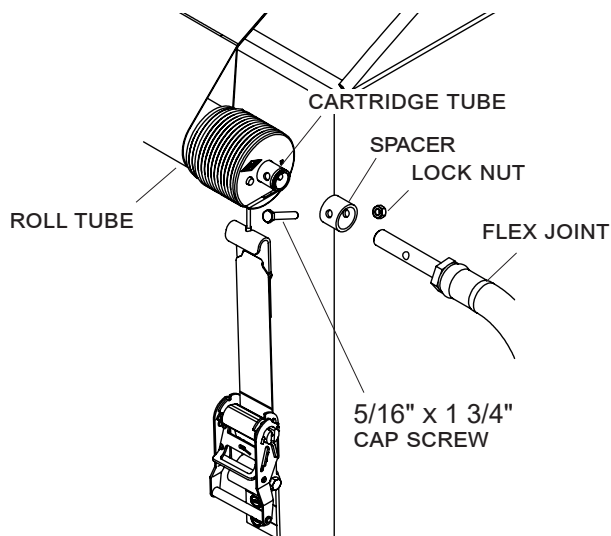
STEP 1B: One piece option. Insert flex joint into end of crank arm. Fasten with screw (F) and nut (Q). Finger tighten.



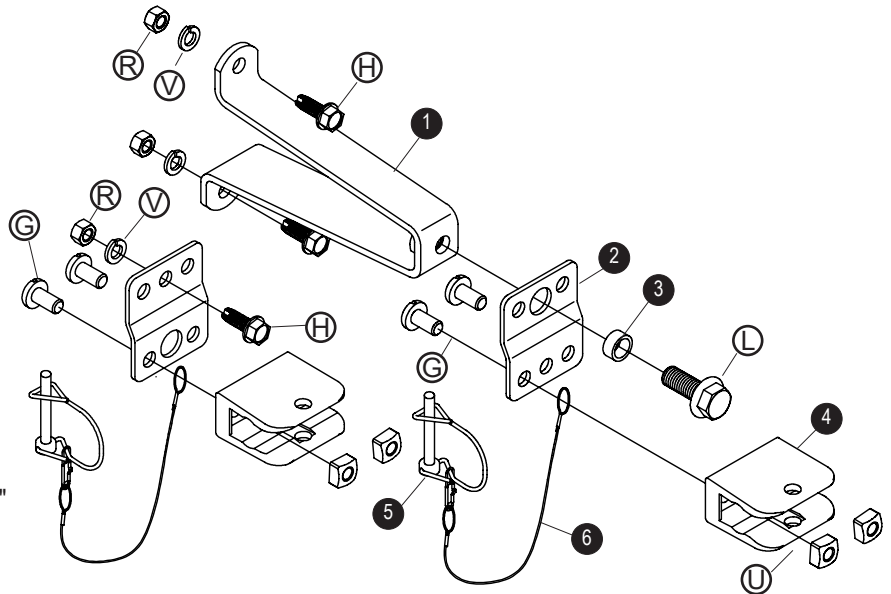
NOTE: If handle is too long, cut handle 1" from second hole before fastening to flex joint.



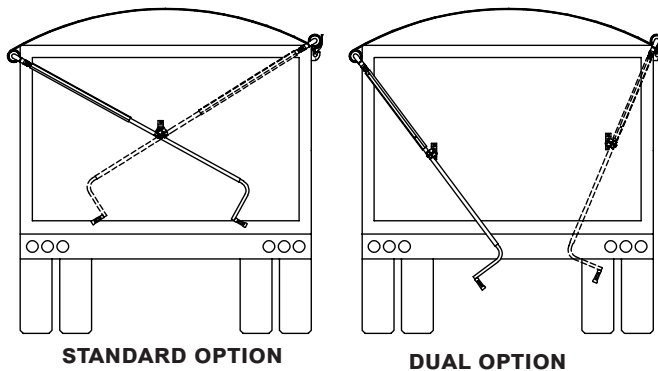
STEP 2: Remove nut and cap screw from spacer on rear (red) end of roll tube. Slide flex joint end into cartridge tube protruding from roll tube. Align holes, reinsert cap screw and tighten hex nut.



Item	Part #	Description
1.	1100033	Crank Retainer Standoff - 7"
2.	1123660	Offset Retainer Bracket
3.	1700306	Bushing - 11/16" x .51" x 5/16"
4.	1705259	Crank Retainer - Nylon
5.	1705262	Wire Lock Pin - 1/4" x 2"
6.	1100574	Cable w/Interlock Snap - SS
G.	1705260	Pan Hd. Cap Screw - 3/8" x 3/4"
H.	1700400	Self-Tapping Screw - 3/8" x 1"
L.	1702996	Flanged Cap Screw - 1/2" x 1 1/4"
R.	1700407	Hex Nut - 3/8"
U.	1705261	Square Nut - 3/8"
V.	1700434	Lock Washer - 3/8"

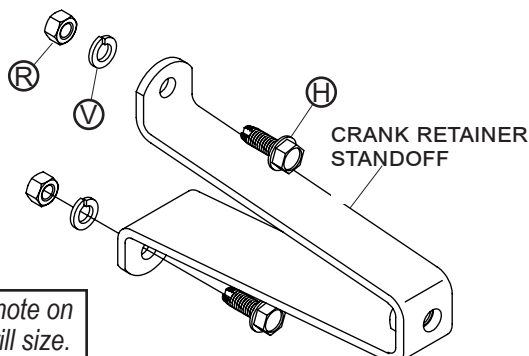


STEP 1: Determine mounting location on rear of trailer for 1 or 2 crank retainer standoffs or crank retainers (if not using standoffs). Location must be accessible by crank arm while tarp is open or closed.



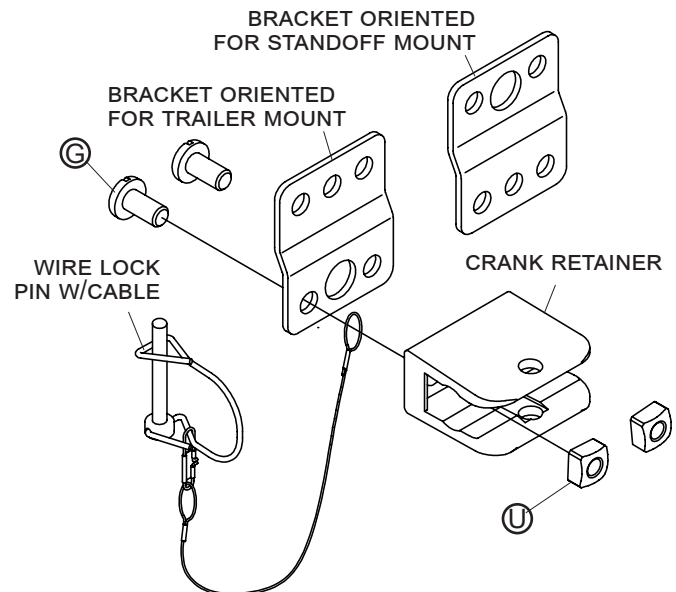
LOCATE CRANK RETAINER TO HOLD CRANK EXTENSION PORTION OF CRANK ASSEMBLY.

STEP 2: Drill 5/16" holes and fasten crank retainer standoff to trailer with screws (H), lock washers (V) and nuts (R).

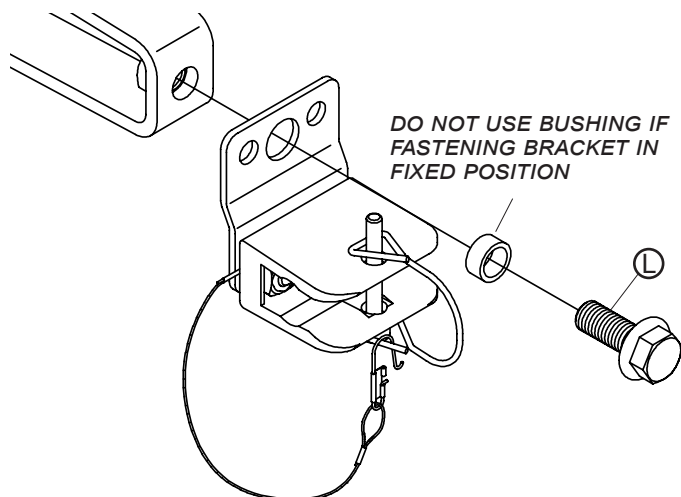


NOTE: See note on page 5 for drill size.

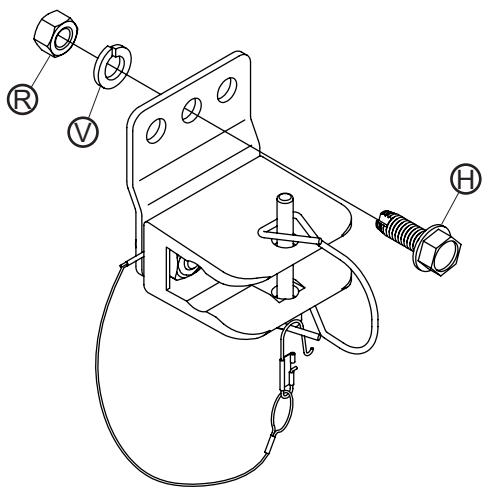
STEP 3: Assemble crank retainer as shown, aligning larger hole on top of bracket if mounting on standoff. If mounting on trailer, align larger hole on bottom.



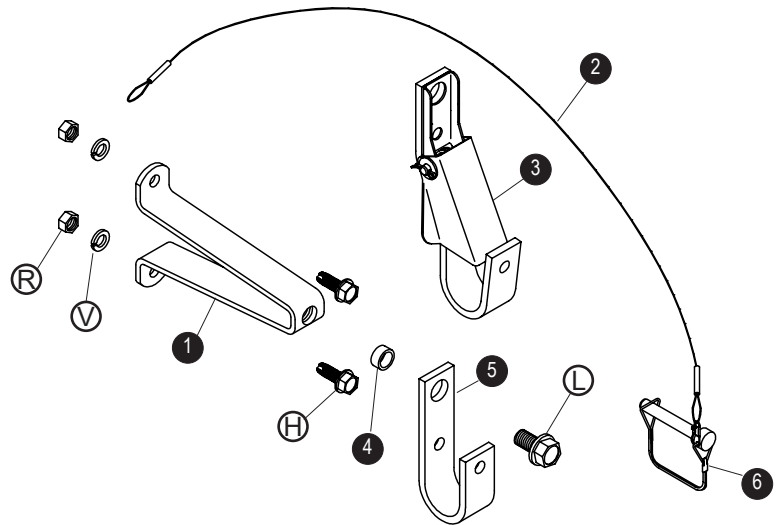
STEP 3A: Standoff mount. Fasten telescoping crank retainer to crank retainer standoff on rear of trailer with screw (L) and bushing. Tighten fasteners.



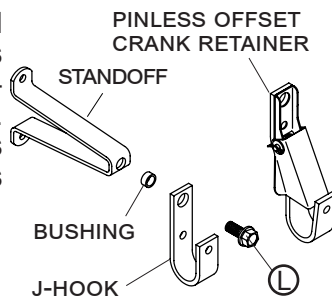
STEP 3B: Trailer mount. Use center hole in retaining bracket as guide to mark and drill 5/16" hole in trailer wall. Fasten with galvanized steel screw (H), washer (V) and nut (R). Tighten fasteners.



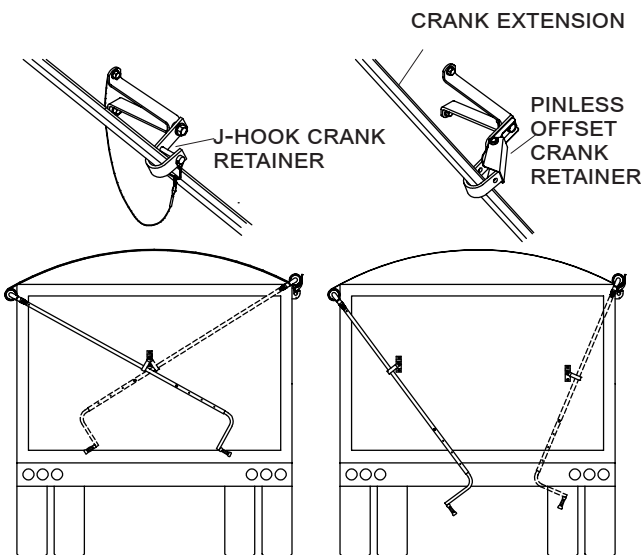
Item	Part #	Description
1.	1100033	Crank Retainer Standoff - 7"
	1109478	Crank Retainer Standoff - 11"
2.	1100574	Cable w/Snap
3.	1118640	Offset Pinless Crank Retainer Kit
4.	1100306	Retainer Bushing
5.	1100040	Crank Retainer J-Hook
6.	1700526	Wire Lock Pin
H.	1700400	Self-Tapping Screw - 3/8" x 1"
L.	1702996	Flanged Cap Screw - 1/2" x 1 1/4"
R.	1700407	Hex Nut - 3/8"
V.	1700434	Lock Washer - 3/8"



STEP 1: Assemble stand-off, bushing and J-hook or pinless offset crank retainer with screw (L). Assemble pinless offset components per instructions P/N1114601.

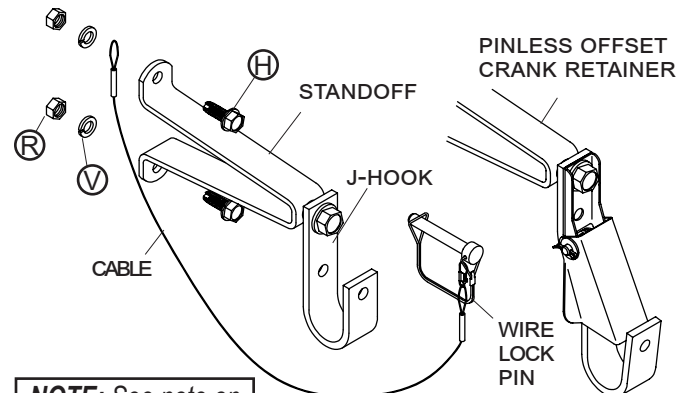


STEP 2: Mark locations for 1 or 2 crank retainers on back of box, where accessible by crank arm while tarp is open or closed.



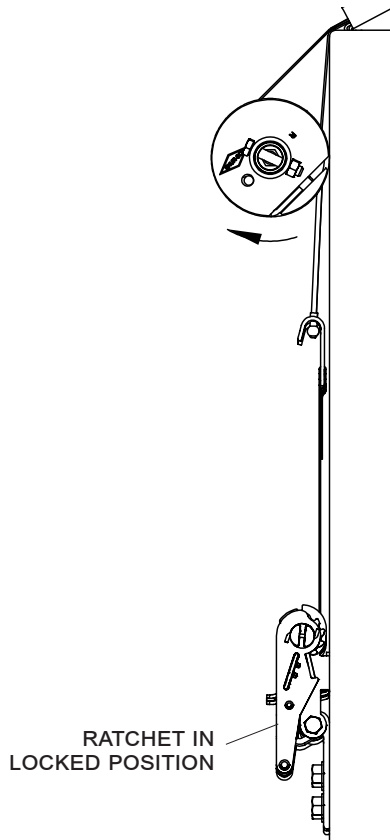
LOCATE CRANK RETAINER TO HOLD CRANK EXTENSION PORTION OF CRANK ASSEMBLY

STEP 3: Drill 5/16" holes and fasten crank retainer assembly to box with screws (H), lock washers (V) and nuts (R). If using J-hook, fasten cable to wire lock pin. Fasten other end of cable behind standoff.

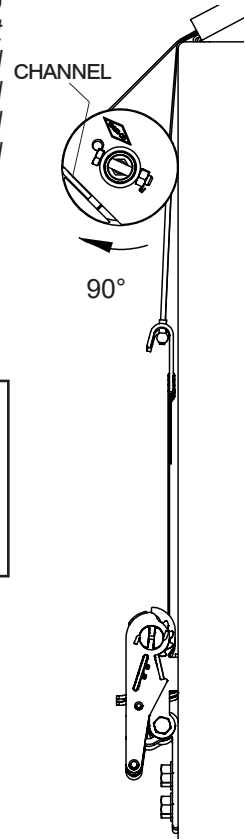


NOTE: See note on page 5 for drill size.

STEP 1: Determine tarp tension. Tighten ratchets to apply initial tension to tarp. Note position of channels on front and rear spools as initial tarp tension is reached.



STEP 2: Tighten ratchet so channels rotate 90° from original position. Open and close tarp system 5 or 6 times to allow cable to seat in spool grooves and tarp to pull snug. Check position of channel and retighten ratchet as needed to rotate channel 90° from initial position.

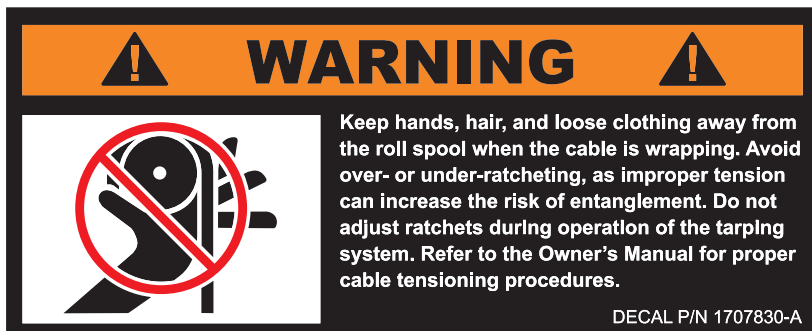
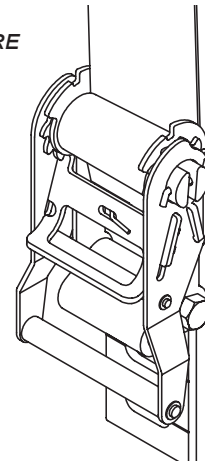
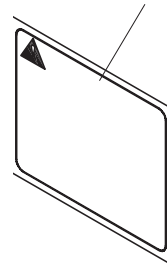


NOTE: Ratchet must be in locked position to hold tension. Do not release tension to operate system.

STEP 3: PLACE SAFETY DECALS

- Ensure the surface area near both ratchets is clean and dry.
- Remove the backing from both **warning decals 1707830-A**.
- Place the decals in a visible location.
 - Regularly inspect all safety decals for wear and adhesion to maintain safety.
 - Replace worn or damaged decals as necessary.

PLACE DECAL HERE



PLACE DECALS

- Ensure the surface area near the crank retainers is clean and dry.
- Remove the backing from **warning decals 1707831, 1707830-B, C, D, and operational decal E.**
- Place the decals in a visible location near the hand crank retainers.
 - Regularly inspect all safety decals for wear and adhesion to maintain safety.
 - Replace worn or damaged decals as necessary.



NOTICE		
CABLE-LOK™ OPERATING INSTRUCTIONS - MANUAL		
1 OPENING FROM A CLOSED POSITION Using both hands, carefully remove crank from crank retainer. Extend crank handle to its operating position. Use crank to roll tarp to fully open position. Return crank to crank retainer and secure.	2 CLOSING FROM AN OPEN POSITION Using both hands, carefully remove crank from crank retainer. Extend crank handle to its operating position. Use crank to roll tarp to fully closed position. Return crank to crank retainer and secure.	! CORRECT TENSION ADJUSTMENT REFER TO OPERATING MANUAL FOR PROPER TENSIONING RATCHET HANDLE MUST BE IN LOCKED-DOWN POSITION TO HOLD TENSION
<p>www.SHURCO.com • 1-800-474-8756</p> <p>DECAL P/N 1707830-E</p>		

PROBLEM:	TRY THIS:
When operating the system, cables do not wind properly in the spool grooves.	<ol style="list-style-type: none"> 1. Verify spools are not binding on roll tube. Remove, clean and re-grease, if required. See <i>Tarp Spool Assembly</i>. 2. Verify tarp is centered on end caps and black plastic washers are correctly installed. Measure, center tarp and install washers. See <i>Tarp Installation</i>. 3. Verify ratchets are correctly installed. Adjust from side to side. See <i>Cable and Ratchet Assembly</i>. 4. Verify correct cable tension. Adjust as needed. See <i>Cable Tension</i>.
When operating the system, the tarp doesn't roll up evenly. Tarp binds on one or both ends.	<ol style="list-style-type: none"> 1. Verify spools are not binding on roll tube. Remove, clean and re-grease, if required. See <i>Tarp Spool Assembly</i>. 2. Verify cable tension is not too loose. Adjust as needed. See <i>Cable Tension</i>. 3. Verify tarp has not been altered or improperly repaired. Verify tarp length and width have not changed and tarp is square.
When closed, the tarp doesn't become tight in the middle.	<ol style="list-style-type: none"> 1. Verify cable tension. Adjust as needed. See <i>Cable Tension</i>. 2. Verify correct number of ridge straps are installed and are in correct location. Move or install as needed. See <i>Ridge Strap</i>. 3. Verify correct bow spacing and installation height and bows are not damaged. Bow height should be 1" to 2" above cap height. Move, adjust, repair or replace bows as needed. See <i>Bows</i>.
The tarp is worn or has holes.	<ol style="list-style-type: none"> 1. Verify tarp is not contacting any sharp edges. Remove sharp edges. 2. Consult your local Shur-Co® dealer for repairs or order tarp repair kit. 3. If required, replace tarp or parts with Genuine Shur-Co® parts.

MANUAL OPERATION

Open tarp from closed position:

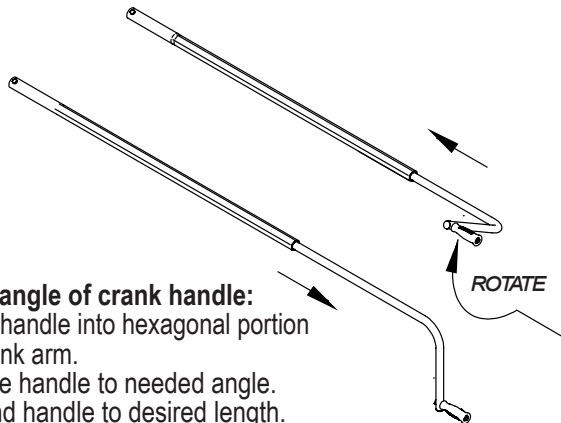
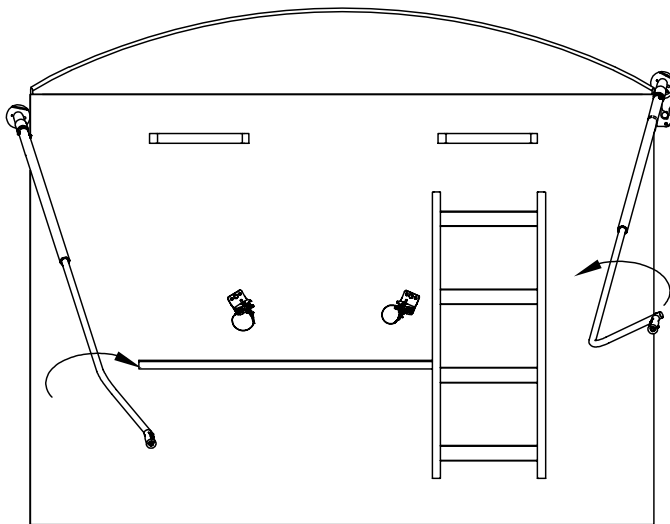
1. Using both hands, carefully remove crank from crank retainer.
2. Move crank handle to operating position.
3. Turn crank clockwise to roll tarp open.
4. Return crank to other crank retainer and secure.

Close tarp from open position:

1. Using both hands, carefully remove crank from crank retainer.
2. Move crank handle to operating position.
3. Turn crank counter-clockwise to roll tarp closed.
4. Return crank to other crank retainer and secure.

TARP CLOSED

TARP OPEN



Change angle of crank handle:

1. Slide handle into hexagonal portion of crank arm.
2. Rotate handle to needed angle.
3. Extend handle to desired length.

MAINTENANCE

Every 2 to 4 weeks:

1. Inspect tarp - repair any tears, cuts or worn areas.
2. Inspect hardware - securely tighten any loose fasteners.
3. Check cable tension and adjust as needed (see Cable Tensioning).

TARP REPAIR KITS

SHUR-PRO™ TARP REPAIR KIT (P/N 1108059)

- Repair tarp 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 (specify color)
- Instructions



STANDARD TARP REPAIR KIT (P/N 1102111)

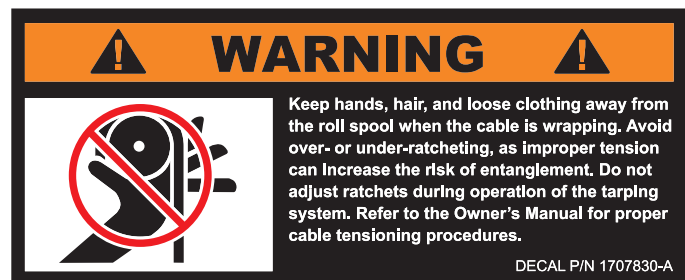
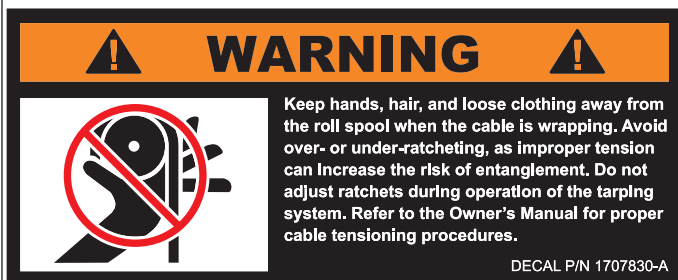
Kit includes:

- Adhesive
- Cleaner
- 10' of tarp (specify color)
- Instructions



SAFETY DECALS

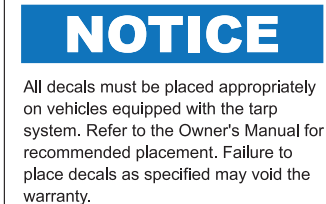
Item	Part #	Description
1.	1707831	Crank Retainer Safety Decal
2.	1707830	Cable-Lok Decal Sheet



1707830 - CABLE-LOK™ DECAL SHEET

DECALS INCLUDED:

- 1707830-A (Qty. 2)
- Dimensions: 5.6" x 2.3"
- 1707830-B (Qty. 1)
- Dimensions: 3.35" x 3"
- 1707830-C (Qty. 1)
- Dimensions: 4.5" x 3"
- 1707830-D (Qty. 1)
- Dimensions: 3" x 2.5"
- 1707830-E (Qty. 1)
- Dimensions: 8" x 4.3"



NOTICE

CABLE-LOK™ OPERATING INSTRUCTIONS - MANUAL

1

OPENING FROM A CLOSED POSITION

Using both hands, carefully remove crank from crank retainer. Extend crank handle to its operating position. Use crank to roll tarp to fully open position. Return crank to crank retainer and secure.

2

CLOSING FROM AN OPEN POSITION

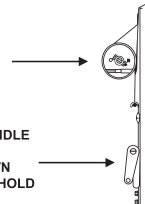
Using both hands, carefully remove crank from crank retainer. Extend crank handle to its operating position. Use crank to roll tarp to fully closed position. Return crank to crank retainer and secure.

!

CORRECT TENSION ADJUSTMENT

REFER TO OPERATING MANUAL FOR PROPER TENSIONING

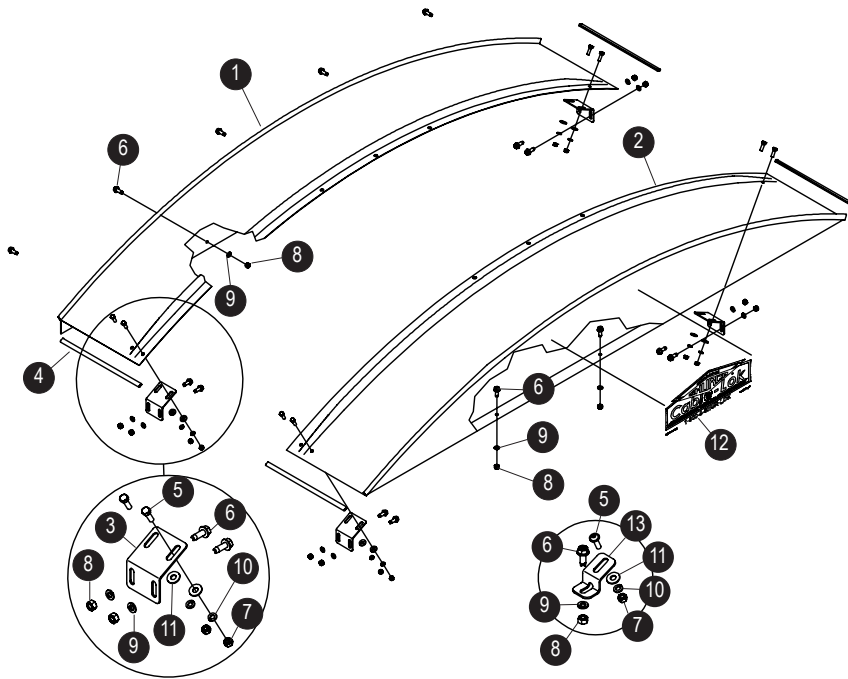
RATCHET HANDLE MUST BE IN LOCKED-DOWN POSITION TO HOLD TENSION



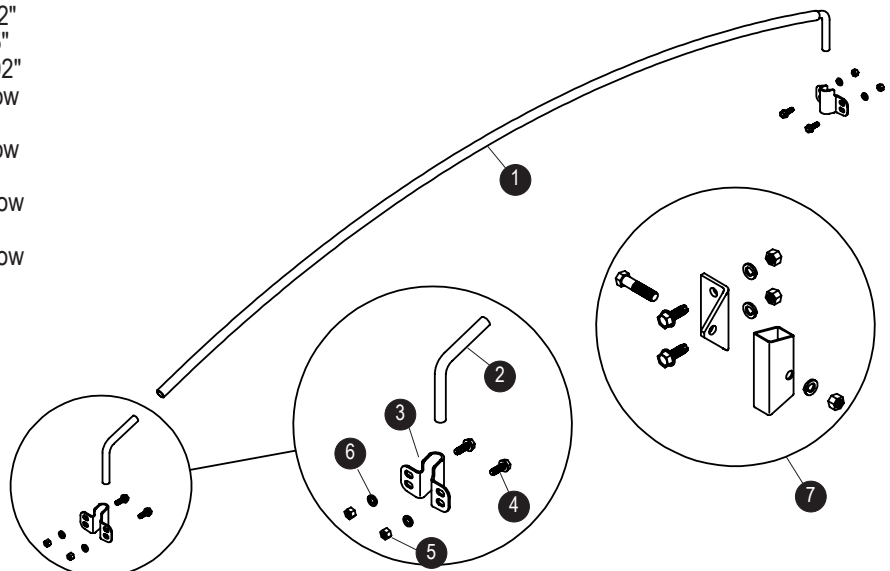
www.SHURCO.com • 1-800-474-8756

DECAL P/N 1707830-E

P/N 1707830

**BOWS**

Item	Part #	Description
	1117916	Std. Low-Rise Bow Kit - 85" to 92"
	1100766	Std. Low-Rise Bow Kit - 96" to 102"
	1117917	Std. High-Rise Bow Kit - 85" to 95"
	1100768	Std. High-Rise Bow Kit - 96" to 102"
	1117205	Std. Low-Rise Bow Kit - Single Bow Bracket - 85" to 92"
	1109139	Std. Low-Rise Bow Kit - Single Bow Bracket - 93" to 102"
	1117919	Std. High-Rise Bow Kit - Single Bow Bracket - 89" to 95"
	1109091	Std. High-Rise Bow Kit - Single Bow Bracket - 96" to 102"
1.	1117905	Std. High-Rise Bow - 89" to 95"
	1100762	Std. High-Rise Bow - 96" to 102"
	1116120	Std. Low-Rise Bow - 85" to 92"
	1100760	Std. Low-Rise Bow - 93" to 102"
2.	1106925	Std. High-Rise Bow Shank
	1100695	Std. Low-Rise Bow Shank
3.	1120836	Single Bow Bracket - Steel
4.	1700400	Self-Tapping Screw - 3/8" x 1"
5.	1700407	Hex Nut - 3/8"
6.	1700434	Lock Washer - 3/8"
7.	1117946	Adjustable Bow Bracket Kit

**GALVANIZED END CAPS****Item Part # Description****Face Mount**

1. 1118896 Face Mt. Cap - 6" Rise w/89"
- 1118892 Face Mt. Cap - 10" Rise w/89"
- 1118804 Face Mt. Cap - 6" Rise w/93"
- 1118800 Face Mt. Cap - 10" Rise w/93"
- 1118613 Face Mt. Cap - 6" Rise w/95"
- 1118605 Face Mt. Cap - 10" Rise w/95"
- 1118614 Face Mt. Cap - 6" Rise w/101"
- 1118606 Face Mt. Cap - 10" Rise w/101"

Top Mount

2. 1118894 Top Mt. Cap - 6" Rise w/89"
- 1118888 Top Mt. Cap - 10" Rise w/89"
- 1118807 Top Mt. Cap - 6" Rise w/93"
- 1118803 Top Mt. Cap - 10" Rise w/93"
- 1118615 Top Mt. Cap - 6" Rise w/95"
- 1118608 Top Mt. Cap - 10" Rise w/95"
- 1118616 Top Mt. Cap - 6" Rise w/101"
- 1118609 Top Mt. Cap - 10" Rise w/101"

Mounting Hardware

- 1118594 Cap Mounting Hardware - Bolt Kit
- 1118595 Cap Mounting Hardware w/Edge Trim
3. 1118188 End Cap Brkt - 6" Rise - Face Mt.
- 1118189 End Cap Brkt - 10" Rise - Face Mt.
4. 1118596 Edge Trim - 30"
5. 1704441 Flange Screw - 5/16" x 1"
6. 1700400 Self-Tapping Screw - 3/8" x 1"
7. 1700411 Hex Nut - 5/16"
8. 1700407 Hex Nut - 3/8"
9. 1700434 Lock Washer - 3/8"
10. 1700433 Lock Washer - 5/16"
11. 1700428 Flat Washer - 5/16"
12. 1704417 Cable-Lok™ Decal
13. 1118191 End Cap Brkt. - 6" Rise - Top Mt.
- 1118192 End Cap Brkt. - 10" Rise - Top Mt.

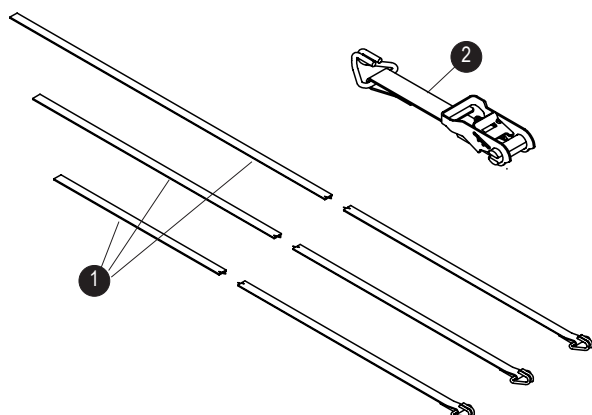
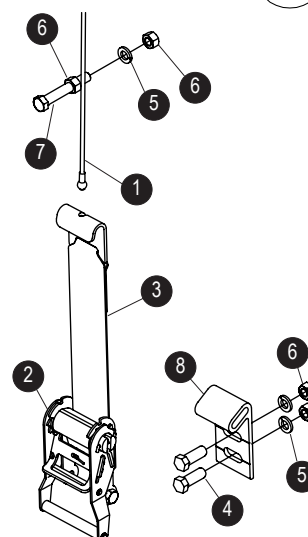
TARP TUBES

Item	Part #	Description
1.	*	Fixed Tube
2.	1118037	Plastic Washer - Black
3.	1700398	Self-Drilling Screw - 1/4" x 3/4"
4.	*	Roll Tube
5.	1704337	Blind Rivet - 3/16" x 3/8"
6.	1700523	Plastic End Plug

*Specify box length

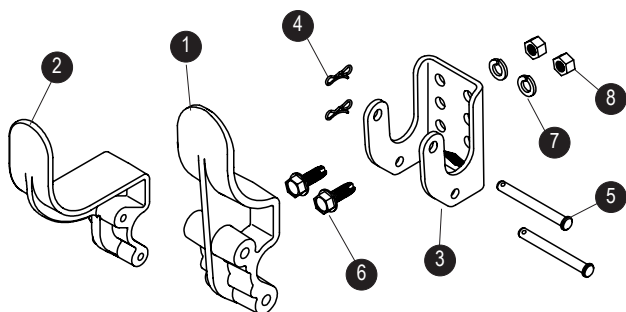
RATCHET/CABLE ASSEMBLIES

Item	Part #	Description
	1118993	Ratchet Strap (18") w/Cable Kit - 139" Galv.
	1118994	Ratchet Strap (18") w/Cable Kit - 151" Galv.
	1118995	Ratchet Strap (42") w/Cable Kit - 139" Galv.
	1118996	Ratchet Strap (42") w/Cable Kit - 151" Galv.
1.	1704295	Galvanized Cable - 139"
	1704294	Galvanized Cable - 151"
2.	1704421	Ratchet Handle - 2"
3.	1118275	Ratchet Strap - 18"
	1118276	Ratchet Strap - 42"
4.	1700400	Self-Tapping Screw - 3/8" x 1"
5.	1700434	Lock Washer - 3/8"
6.	1700407	Hex Nut - 3/8"
7.	1702573	Cap Screw - 3/8" x 2 1/2"
8.	1118272	Adjustable Ratchet Bracket



RIDGE STRAPS

Item	Part #	Description
	1118521	Ridge Strap Kit w/Hook - 10'
	1118523	Ridge Strap Kit w/Hook - 14'
	1118525	Ridge Strap Kit w/Hook - 24'
1.	1118520	Ridge Strap w/Hook - 1" x 10'
	1118522	Ridge Strap w/Hook - 1" x 14'
	1118524	Ridge Strap w/Hook - 1" x 24'
2.	1118511	Ratchet w/1" Ridge Strap & Hook

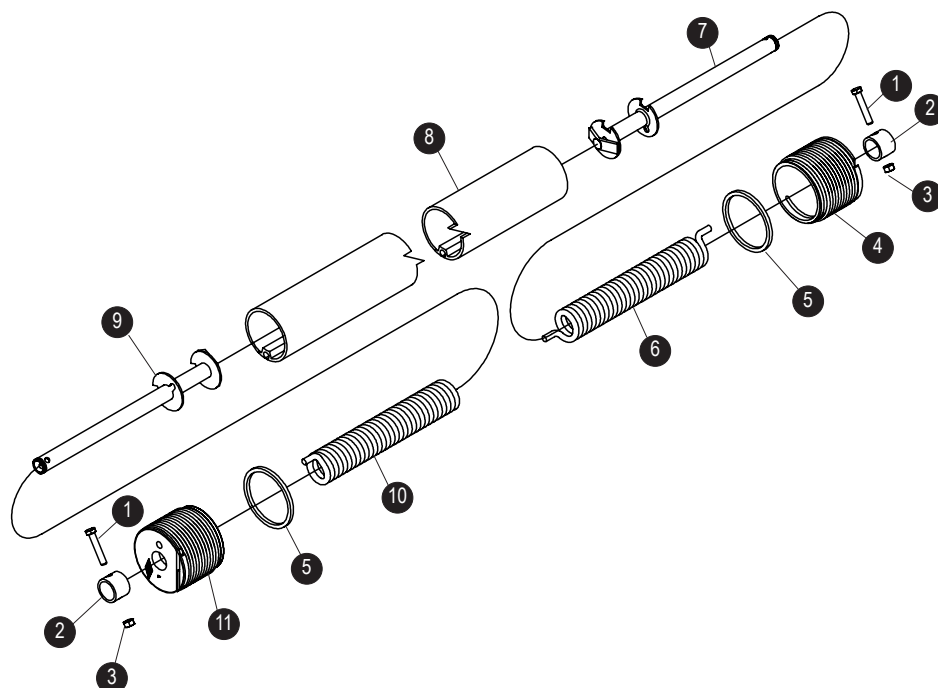
**TARP STOPS****Item Part # Description**

- | | | |
|----|---------|--|
| | 1111094 | Easy-Off Tarp Stop w/Mounting Hardware |
| | 1111095 | Offset Easy-Off Tarp Stop w/Mounting Hardware |
| | 1124768 | Easy-Off Aluminum Tarp Stop Assembly |
| | 1124771 | Easy-Off Aluminum 6" Offset Tarp Stop Assembly |
| | 1118389 | Bowtie Cotter Pin/Ring Assembly |
| 1. | 1705775 | Easy-Off Cast Alum. Tarp Stop Upright |
| 2. | 1705454 | Offset Easy-Off Cast Alum. Tarp Stop Upright |
| 3. | 1100833 | Easy-Off Tarp Stop Body |
| 4. | 1704380 | Bowtie Cotter Pin |
| 5. | 1703604 | Clevis Pin - 5/16" x 2 7/8" |
| 6. | 1700400 | Self-Tapping Screw - 3/8" x 1" |
| 7. | 1700434 | Lock Washer - 3/8" |
| 8. | 1700407 | Hex Nut - 3/8" |

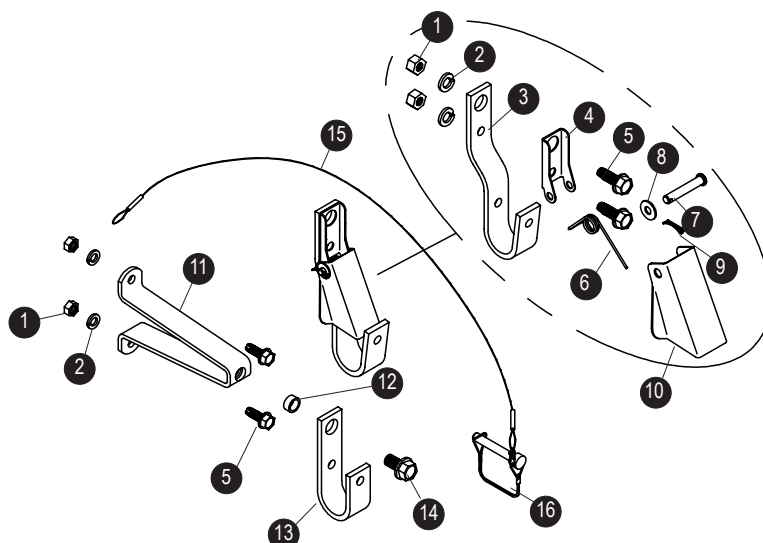
TARP SPOOL ASSEMBLIES**Item Part # Description**

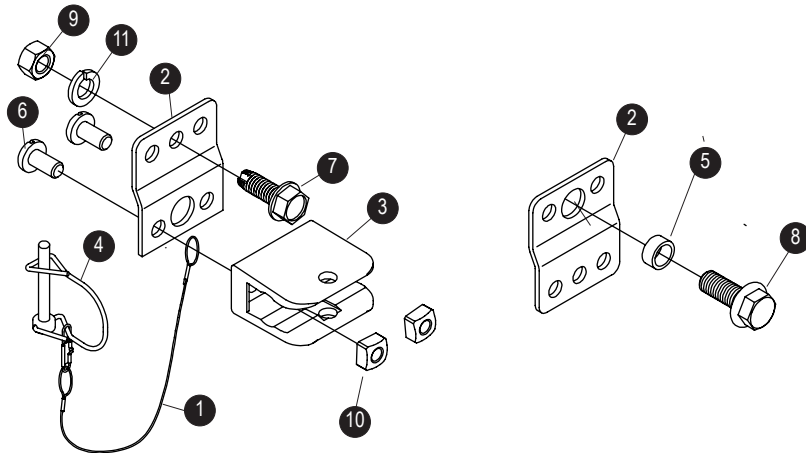
- | | | |
|-----|---------|--------------------------|
| 1. | 1701468 | Cap Screw - 5/16" x 3/4" |
| 2. | 1118228 | Cartridge Spacer |
| 3. | 1702492 | Top Lock Nut - 5/16" |
| 4. | 1704373 | Rear Cable Spool - R |
| 5. | 1704290 | O-Ring Seal |
| 6. | 1118229 | Rear Spring - Red |
| 7. | 1123953 | Rear Cartridge Kit |
| 8. | * | Roll Tube |
| 9. | 1123952 | Front Cartridge Kit |
| 10. | 1118230 | Front Spring - Black |
| 11. | 1704372 | Front Cable Spool - L |

*Specify box length

**CRANK RETAINERS - ONE PIECE****Item Part # Description**

- | | | |
|-----|---------|------------------------------------|
| 1. | 1700407 | Hex Nut - 3/8" |
| 2. | 1700434 | Lock Washer - 3/8" |
| 3. | 1118641 | Offset Crank Retainer J-Hook |
| 4. | 1118657 | Crank Retainer Base Plate |
| 5. | 1700400 | Self-Tapping Screw - 3/8" x 1" |
| 6. | 1703134 | Tension Spring |
| 7. | 1703133 | Clevis Pin - 5/16" x 1 3/4" |
| 8. | 1700427 | Flat Washer - 1/4" |
| 9. | 1700448 | Cotter Pin - 3/32" |
| 10. | 1114600 | Offset Pinless Crank Retainer Lock |
| 11. | 1100033 | Crank Retainer Standoff - 7" |
| 12. | 1100306 | Retainer Bushing |
| 13. | 1100040 | Crank Retainer J-Hook |
| 14. | 1702996 | Cap Screw - 1/2" x 1 1/4" |
| 15. | 1100574 | Cable w/Snap |
| 16. | 1700526 | Wire Lock Pin - 3/8" x 2 1/2" |



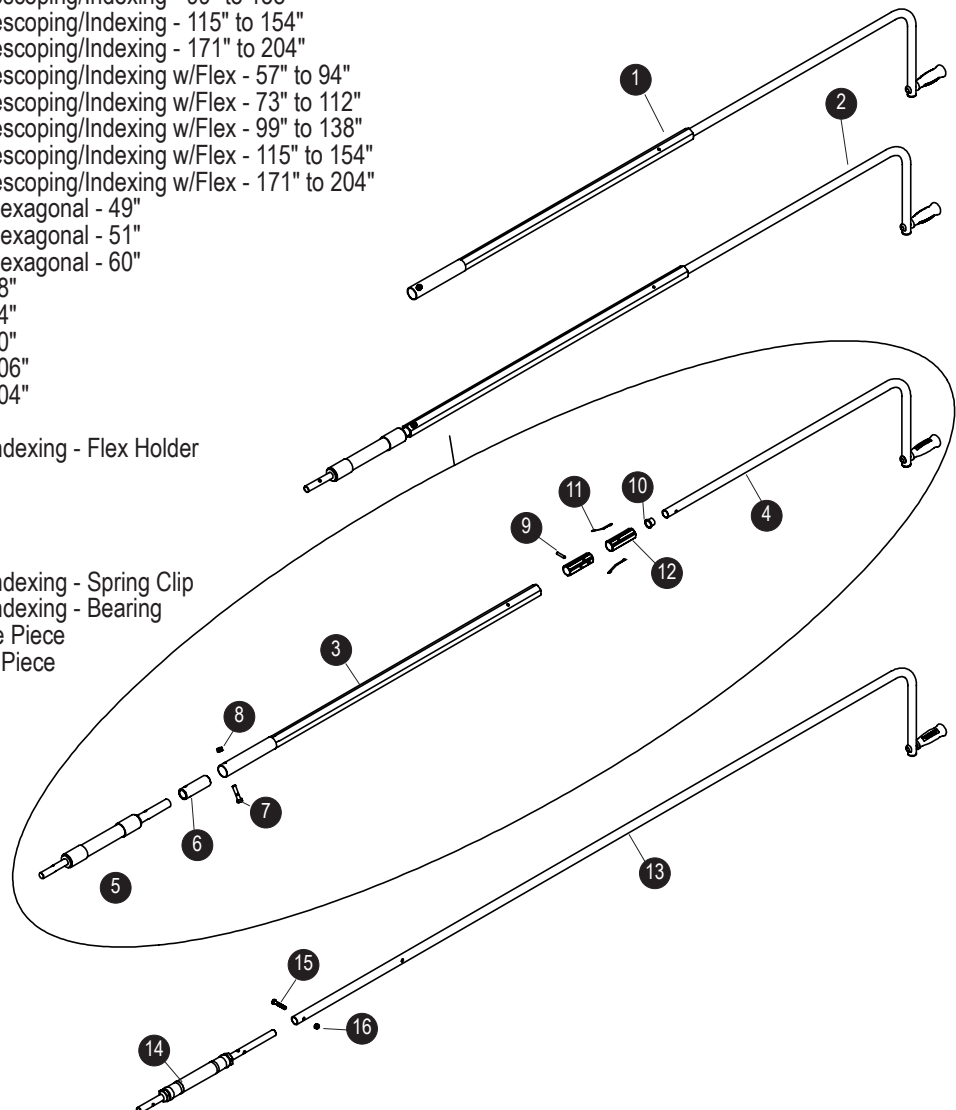


CRANK RETAINERS - TELESCOPING

- | | | |
|-----|---------|-----------------------------------|
| 1. | 1100574 | Cable w/Interlock Snap |
| 2. | 1123660 | Offset Retainer Bracket |
| 3. | 1705259 | Crank Retainer - Nylon |
| 4. | 1705262 | Wire Lock Pin - 1/4" x 2" |
| 5. | 1700306 | Bushing - 11/16" x .51" x 5/16" |
| 6. | 1705260 | Pan Hd. Cap Screw - 3/8" x 3/4" |
| 7. | 1700400 | Self-Tapping Screw - 3/8" x 1" |
| 8. | 1702996 | Flanged Cap Screw - 1/2" x 1 1/4" |
| 9. | 1700407 | Hex Nut - 3/8" |
| 10. | 1705261 | Square Nut - 3/8" |
| 11. | 1700434 | Lock Washer - 3/8" |

CRANK OPTIONS

- | Item | Part # | Description |
|------|---------|---|
| 1. | 1123810 | Crank Arm Assembly - Telescoping/Indexing - 57" to 94" |
| | 1123814 | Crank Arm Assembly - Telescoping/Indexing - 73" to 112" |
| | 1123818 | Crank Arm Assembly - Telescoping/Indexing - 99" to 138" |
| | 1123822 | Crank Arm Assembly - Telescoping/Indexing - 115" to 154" |
| | 1123826 | Crank Arm Assembly - Telescoping/Indexing - 171" to 204" |
| 2. | 1123809 | Crank Arm Assembly - Telescoping/Indexing w/Flex - 57" to 94" |
| | 1123813 | Crank Arm Assembly - Telescoping/Indexing w/Flex - 73" to 112" |
| | 1123817 | Crank Arm Assembly - Telescoping/Indexing w/Flex - 99" to 138" |
| | 1123821 | Crank Arm Assembly - Telescoping/Indexing w/Flex - 115" to 154" |
| | 1123825 | Crank Arm Assembly - Telescoping/Indexing w/Flex - 171" to 204" |
| 3. | 1123829 | Crank Arm - Telescopic - Hexagonal - 49" |
| | 1123830 | Crank Arm - Telescopic - Hexagonal - 51" |
| | 1123831 | Crank Arm - Telescopic - Hexagonal - 60" |
| 4. | 1123835 | Crank Arm - Telescopic - 48" |
| | 1123839 | Crank Arm - Telescopic - 64" |
| | 1123843 | Crank Arm - Telescopic - 90" |
| | 1123847 | Crank Arm - Telescopic - 106" |
| | 1123851 | Crank Arm - Telescopic - 204" |
| 5. | 1118722 | Flex Joint Assembly - 12" |
| 6. | 1123856 | Crank Arm - Telescoping/Indexing - Flex Holder |
| 7. | 1700369 | Cap Screw - 3/8" x 1 3/4" |
| 8. | 1700418 | Centerlock Nut - 3/8" |
| 9. | 1701118 | Spring Pin - 1/4" x 1 3/16" |
| 10. | 1701357 | End Plug - Crank Arm |
| 11. | 1705200 | Crank Arm - Telescoping/Indexing - Spring Clip |
| 12. | 1705197 | Crank Arm - Telescoping/Indexing - Bearing |
| 13. | 1122011 | Crank Arm Assembly - One Piece |
| 14. | 1122010 | Flex Joint Assembly - One Piece |
| 15. | 1701468 | Cap Screw - 5/16" x 1 3/4" |
| 16. | 1700419 | Centerlock Nut - 5/16" |



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