

SHUR-CO®



Cable-Lok™ for Fertilizer Spreaders

OWNER'S MANUAL




PHONE: 1.800.474.8756 | FAX: 1.605.665.0501

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.

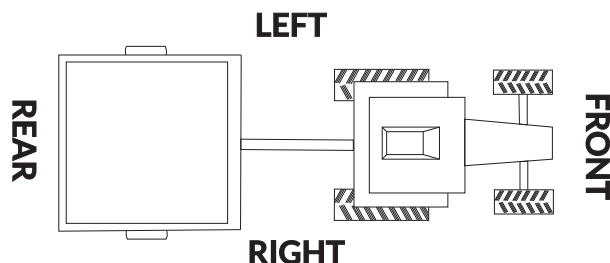
Visit Shurco.com to access the most current version of these instructions and other important product information.

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 Screwdriver
 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
 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 (for 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
 20. 11/32" Drill Bit
 21. 13/32" Drill Bit
- Optional: Hot Knife, Spray Paint, Caulk, Rubber Sealant or Welder

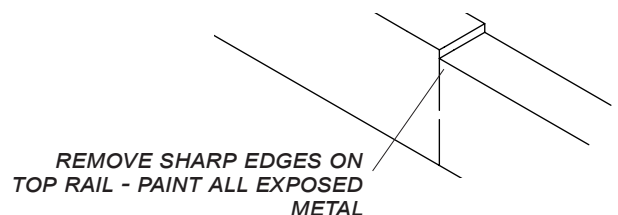
TARP INSPECTION

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 1-866-474-8756.

BOX PREPARATION


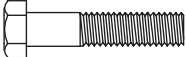





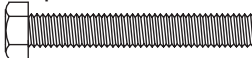


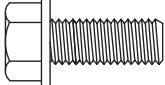

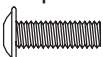
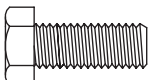

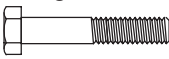
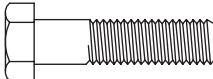

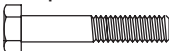








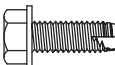


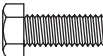


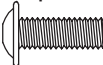


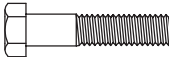

Before installing Shur-Lok® tarping system, remove or grind any sharp edges smooth to prevent tarp damage.

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



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

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| | | |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| A  | N  | Z  |
| 1700398-Self-DrillingScrew-1/4"x3/4" | 1703622 - Cap Screw - 3/8" x 1 1/4" - SS | 1705325-CenterlockNut-3/8"-SS |
| B  | O  | a  |
| 1704905HexFlangedCapScrew-#10x1" | 1704429-CapScrew-3/8"x2 1/2"-SS | 1705261-SquareNut-3/8" |
| C  | P  | b  |
| 1201269-CapScrew-5/16"x3/4"-SS | 1704335-CapScrew-3/8"x2 1/2"-SS | 1705299-SquareNut-3/8"-SS |
| D  | Q  | c  |
| 1704430-CapScrew-5/16"x1"-SS | 1702996-FlangedCapScrew-1/2"x1 1/4" | 1700407-HexNut-3/8" |
| E  | R  | d  |
| 1704443-FlangeBtn.Hd.Screw-5/16"x1"-SS | 1703619-CapScrew-1/2"x1 1/4"-SS | 1200999-HexNut-3/8"-SS |
| F  | S  | e  |
| 1701468 - Cap Screw - 5/16" x 1 3/4" | 1701042-CapScrew-1/2"x2" | 1704336-TopLockNut-3/8"-SS |
| G  | T  | f  |
| 1704334-CapScrew-5/16"x1 3/4"-SS | 1808844NylonLockNut-#10 | 1700413-JamNut-1/2" |
| H  | U  | g  |
| 1705260-PanHd.Screw-3/8"x3/4" | 1201493-HexNut-5/16"-SS | 1201241-LockWasher-5/16"-SS |
| I  | V  | h  |
| 1705300-PanHd.Screw-3/8"x3/4"-SS | 1704333-CenterlockNut-5/16"-SS | 1201237-FlatWasher-5/16"-SS |
| J  | W  | j  |
| 1700400-Self-TappingScrew-3/8"x1" | 1700419 - Nylon Lock Nut - 5/16" | 1700434-LockWasher-3/8" |
| K  | X  | k  |
| 1703579-CapScrew-3/8"x1"-SS | 1704431-NylonLockNut-5/16"-SS | 1703576-LockWasher-3/8"-SS |
| L  | Y  | m  |
| 1704442-FlangeBtn.Hd.Screw-3/8"x1"-SS | 1700418-CenterlockNut-3/8" | 1703577-FlatWasher-3/8"-SS |
| M  | | n  |
| 1700369 - Cap Screw - 3/8" x 1 1/4" | | 1703620-FlatWasher-1/2"-SS |

⚠ CAUTION

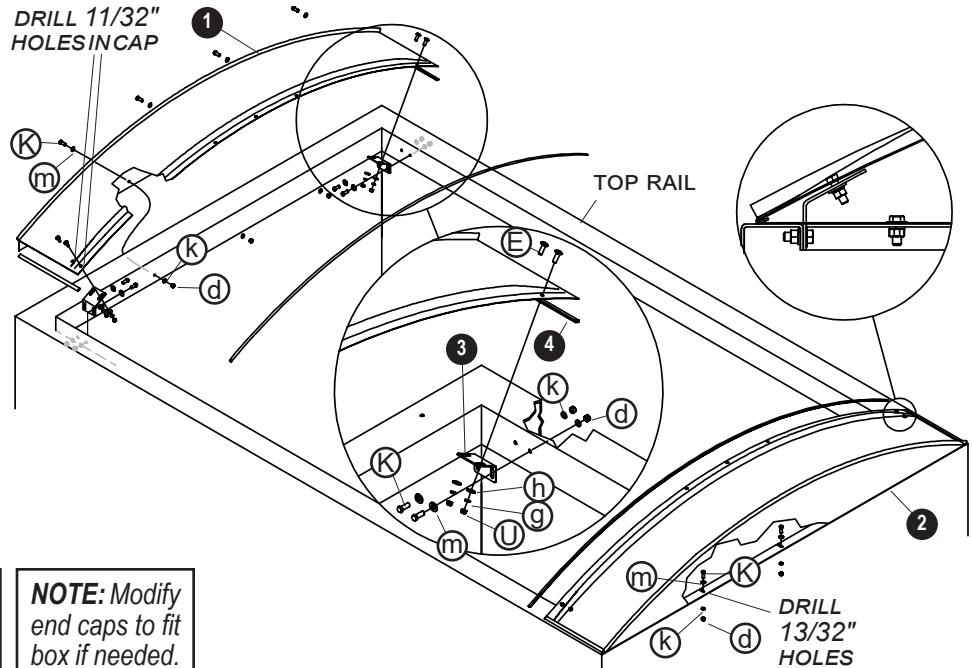
If used, box extensions (tip tops) must be securely fastened to the truck box. Failure to do so may result in the system detaching during operation.

| Item | Part # | Description |
|------|---------|---------------------------------------------|
| 1. | * | Face Mt. Cap - 6" Rise - SS |
| | * | Face Mt. Cap - 10" Rise - SS |
| | * | Top Mt. Cap - 6" Rise - SS |
| | * | Top Mt. Cap - 10" Rise - SS |
| 2. | * | Face Mt. Cap - 6" Rise |
| | * | Face Mt. Cap - 10" Rise |
| | * | Top Mt. Cap - 6" Rise |
| | * | Top Mt. Cap - 10" Rise |
| 3. | 1118188 | Face Mt. End Cap Brkt. - LR |
| | 1118189 | Face Mt. End Cap Brkt. - HR |
| 4. | 1118596 | Edge Trim - 30" |
| E. | 1704443 | Flange Btn. Hd. Cap Screw - 5/16" x 1" - SS |
| K. | 1703579 | Cap Screw - 3/8" x 1" - SS |
| U. | 1201493 | Hex Nut - 5/16" - SS |
| d. | 1200999 | Hex Nut - 3/8" - SS |
| g. | 1201241 | Lock Washer - 5/16" - SS |
| h. | 1201237 | Flat Washer - 5/16" - SS |
| k. | 1703576 | Lock Washer - 3/8" - SS |
| m. | 1703577 | Flat Washer - 3/8" - SS |

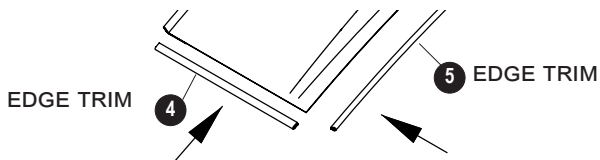
*Specify size

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

NOTE: Modify end caps to fit box if needed.

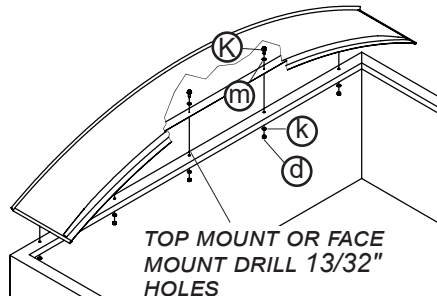


STEP 1: Apply edge trim to end caps, placing edge trim ④ on sides of caps and edge trim ⑤ on inside edges.

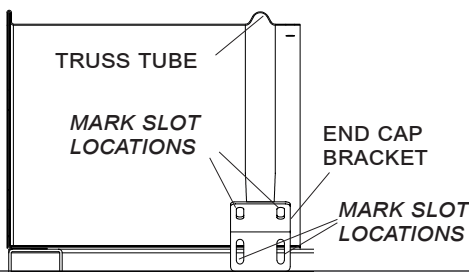


STEP 2: Center caps on box. Mark five evenly spaced hole locations on top rail/box and caps. Drill 13/32" holes and fasten end caps to top rail with screws ①, flat washers ③, lock washers ② and nuts ④.

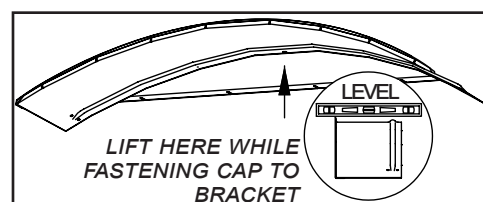
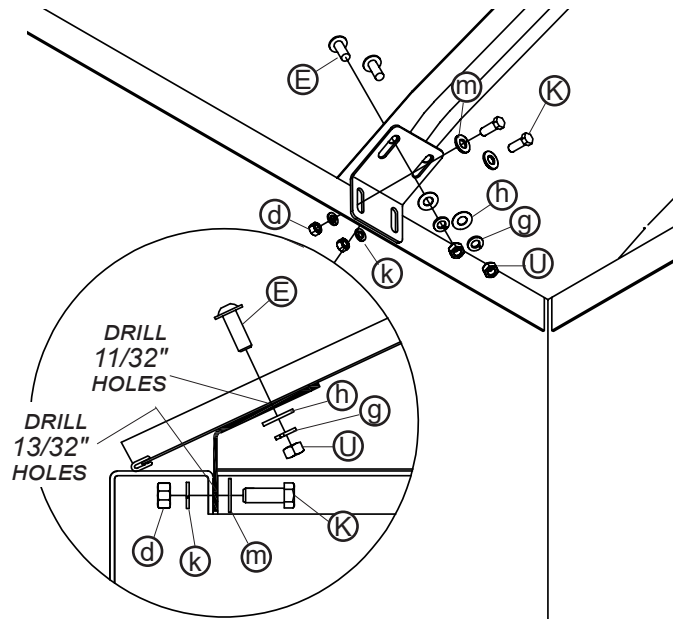
TIP: If cap has mounting slots, loosely fasten screws and nuts into top rail. Slide cap into place, then tighten screws.



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 ①, flat washers ③, lock washers ② and nuts ④. Drill 11/32" holes and fasten bracket to end cap with screws ⑤, flat washers ⑥, lock washers ⑦ and nuts ⑧.

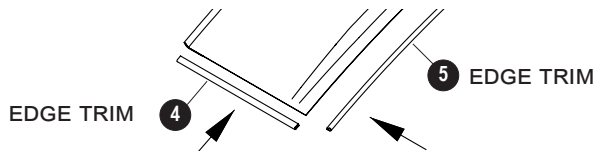


| Item | Part # | Description |
|------|---------|-----------------------------------------|
| 1. | * | 6" Rise Cap - Face Mt. - SS |
| | * | 10" Rise Cap - Face Mt. - SS |
| | * | 6" Rise Cap - Top Mt. - SS |
| | * | 10" Rise Cap - Top Mt. - SS |
| 2. | * | 6" Rise Cap - Face Mt. |
| | * | 10" Rise Cap - Face Mt. |
| | * | 6" Rise Cap - Top Mt. |
| | * | 10" Rise Cap - Top Mt. |
| 3. | * | Easy-Off End Cap Brkt. |
| 4. | 1118596 | Edge Trim - 30" |
| 5. | 1704396 | Edge Trim - * |
| 6. | 1201240 | Flat Washer - 1/4" - SS |
| 7. | 1201278 | Lock Washer - 1/4" - SS |
| 8. | 1704551 | Hex Nut - 1/4" - SS |
| 9. | 1119338 | Easy-Off End Cap Bracket Slider |
| E. | 1704443 | Flange Btn. Hd. Screw - 5/16" x 1" - SS |
| U. | 1201493 | Hex Nut - 5/16" - SS |
| g. | 1201241 | Lock Washer - 5/16" - SS |
| h. | 1201237 | Flat Washer - 5/16" - SS |

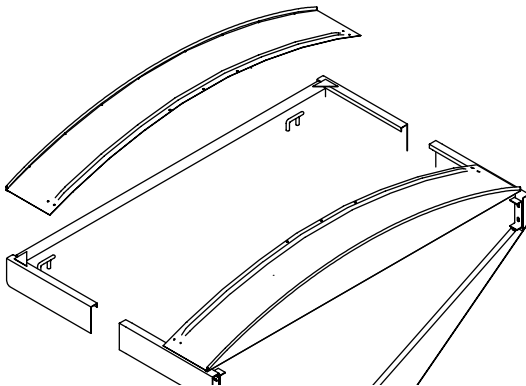
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NOTE: End caps may need slight modifications to fit your box.

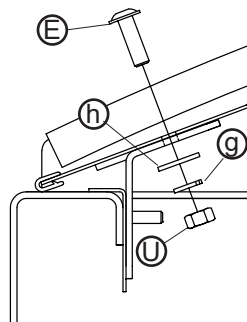
STEP 1: Apply edge trim to end caps, placing edge trim ④ on sides of caps and edge trim ⑤ on inside edges.



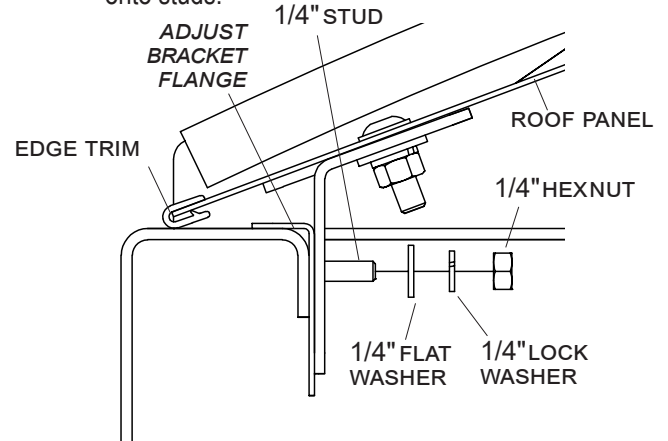
STEP 2: Center caps on box.



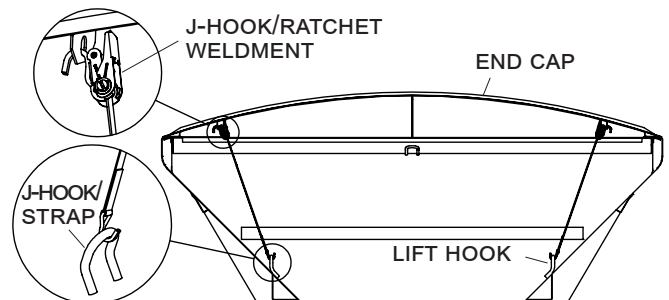
STEP 3: Adjust easy-off brackets side to side so brackets will hold caps centered between side rails. Secure brackets to caps with screws ③, flat washers ⑥, lock washers ⑦ and nuts ⑧.



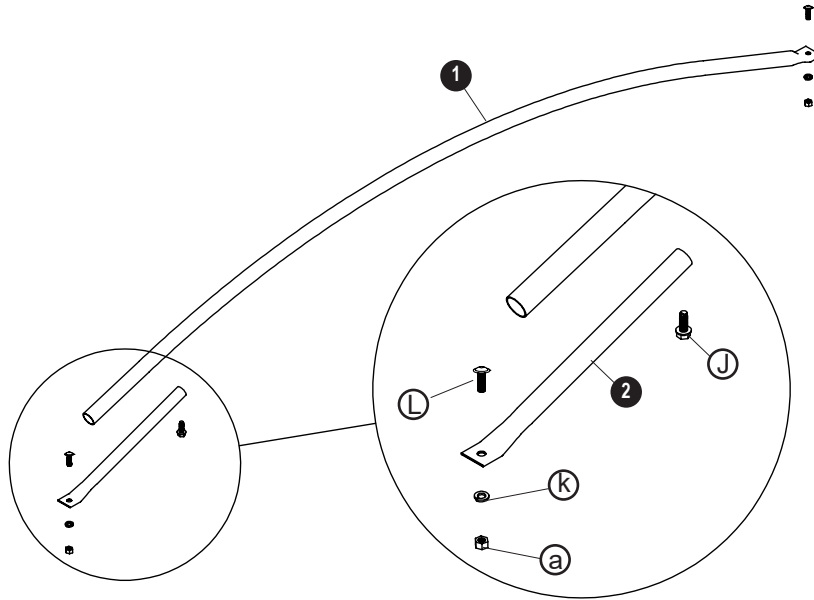
STEP 4: Adjust flange on easy-off bracket so roof panel is parallel to ground and edge trim contacts top rail but does not deform when J-hook ratchets are tightened. Fasten 1/4" flat washers, lock washers and hex nuts onto studs.



STEP 5: Hook J-hooks into lift-hooks on box. Hook J-hook/ratchet weldments into end cap as shown. Pull straps through ratchet and tighten securely.



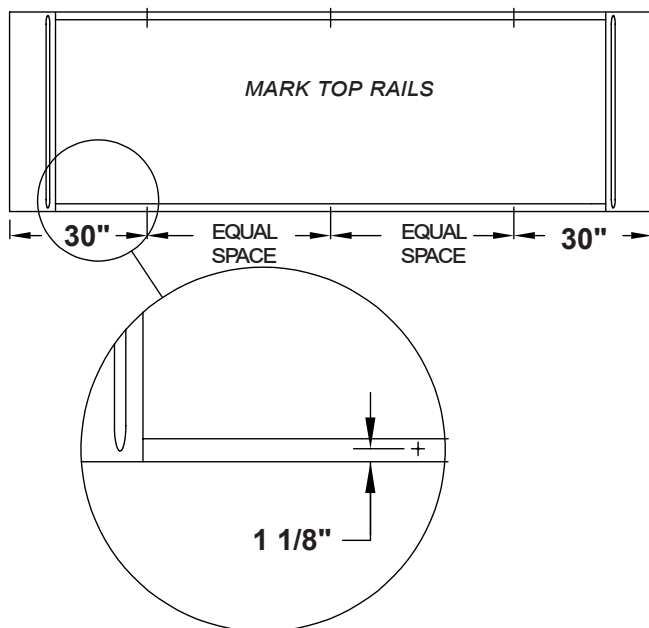
TIP: Use bead of caulk or rubber seal where end cap meets top rail to improve watertightness of caps.



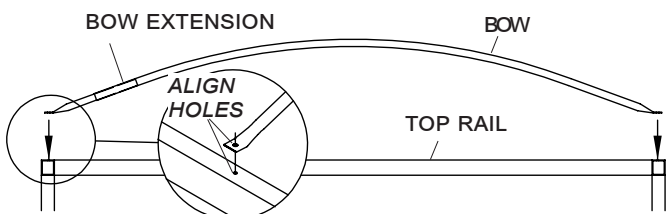
| Item | Part # | Description |
|------|---------|----------------------------------------|
| 1. | * | High-Rise Bow - SS |
| | * | Low-Rise Bow - SS |
| 2. | 1118624 | Bow Extension - Short - Top Mt. - SS |
| J. | 1700400 | Self-Tapping Screw - 3/8" x 1" |
| L. | 1704442 | Flange Btn. Hd. Screw - 3/8" x 1" - SS |
| a. | 1200999 | Hex Nut - 3/8" - SS |
| k. | 1703576 | Lock Washer - 3/8" - SS |

*Specify size

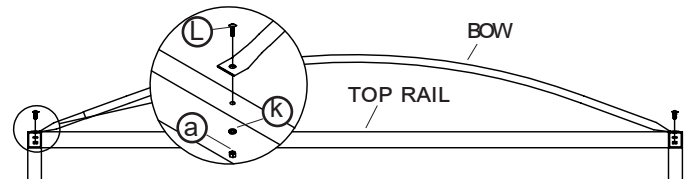
STEP 1: Mark bow locations on top rails as shown. Mark hole center locations 1 1/8" in from outside edge of top rail. Drill 13/32" holes at marked locations.



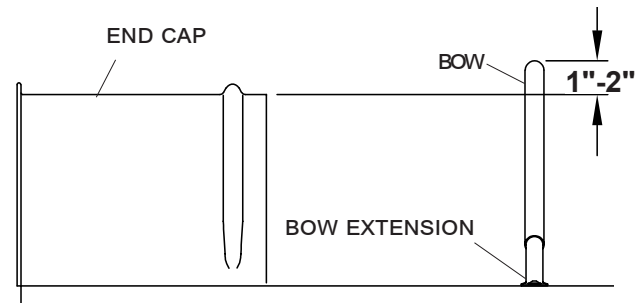
STEP 2: Insert bow extension into bow and align holes in bow assembly with holes on top rails.



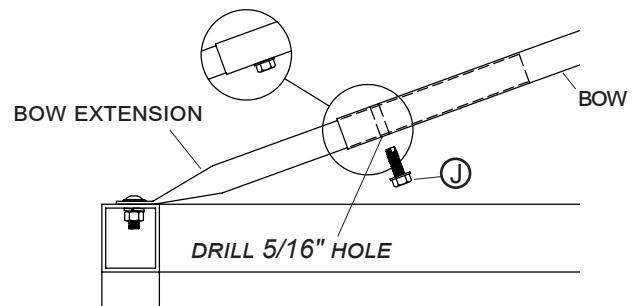
STEP 3: Fasten bows to top rails with screws L, washers K and nuts A.



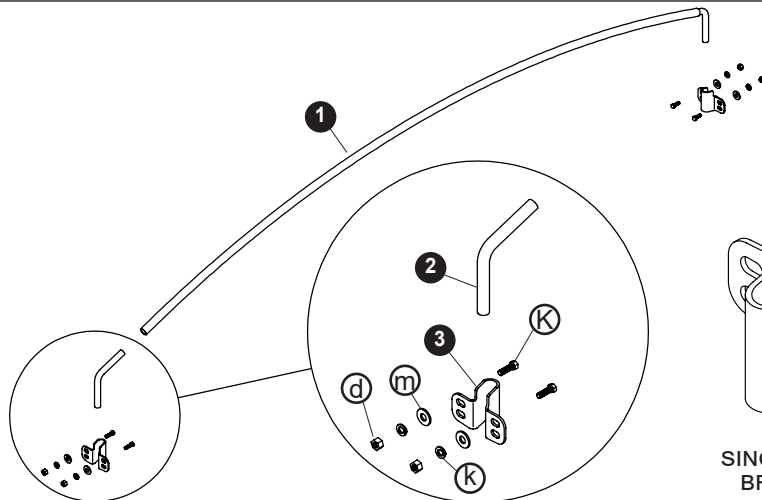
STEP 4: Lift center of bow 1" to 2" above top of end caps. Clamp bow and bow extension in place.



STEP 5: Drill 5/16" hole into bow extension through hole in underside of bow. Drive screw J into hole to secure bow and bow extension at correct height.



STEP 6: Repeat on remaining bows.



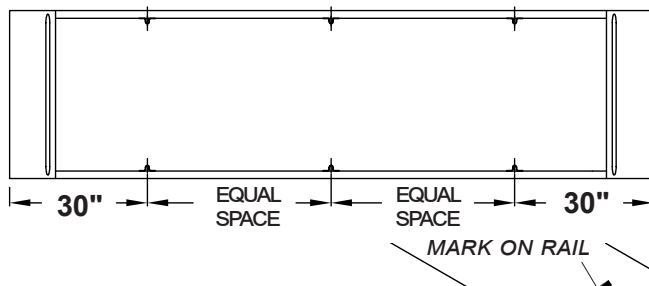
| Item | Part # | Description |
|------|---------|----------------------------|
| 1. | * | High-Rise Bow |
| | * | Low-Rise Bow |
| 2. | * | High-Rise Bow Shank - SS |
| | * | Low-Rise Bow Shank - SS |
| 3. | 1120975 | Single Bow Bracket - SS |
| K. | 1703579 | Cap Screw - 3/8" x 1" - SS |
| d. | 1200999 | Hex Nut - 3/8" - SS |
| m. | 1703577 | Flat Washer - 3/8" - SS |
| k. | 1703576 | Lock Washer - 3/8" - SS |

*Specify size



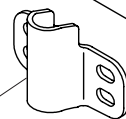
NOTE: To extend life of drill bit, use low RPMs and high pressure when drilling through stainless steel.

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

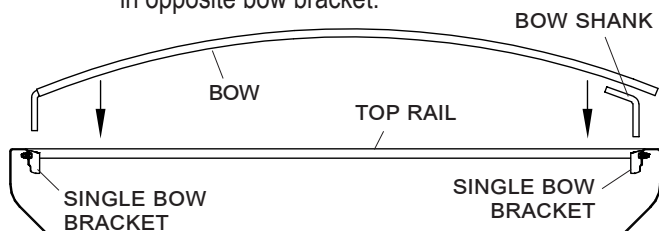


STEP 2: Align center of brackets with mark. Clamp brackets to rails.

MOUNTING CAVITY

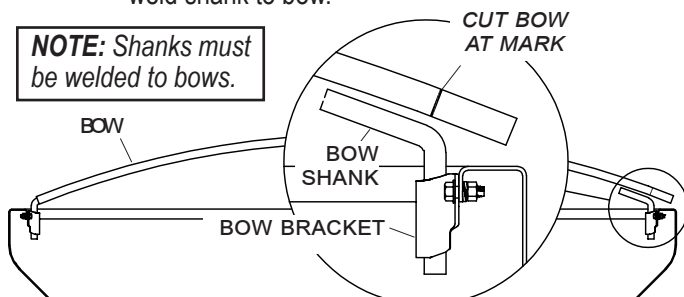


STEP 3: Place bow into bow bracket. Place loose bow shank in opposite bow bracket.



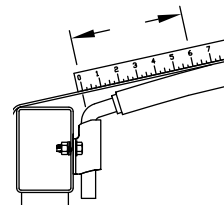
STEP 4: Align bow with bow shank. Mark and cut bow at point where bend starts on shank. Grind edges smooth and weld shank to bow.

NOTE: Shanks must be welded to bows.



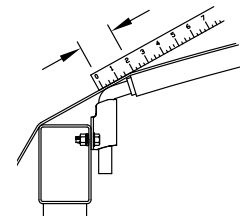
STEP 5: Adjust bow brackets vertically to allow 3" to 6" between bend in bow shank and point where tarp will contact bow.

3" - 6" DISTANCE



**CORRECT POSITION
REDUCES TARP WEAR**

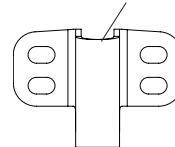
DISTANCE LESS THAN 3"



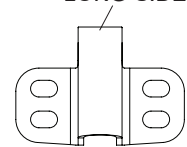
**LOWER BRACKETS TO
REDUCE TARP WEAR**

NOTE: In order to attain correct bow height, bow brackets may be oriented with long or short side up.

SHORT SIDE UP

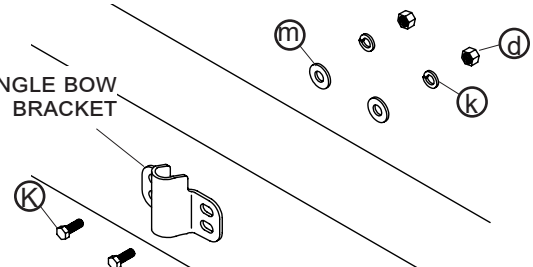


LONG SIDE UP

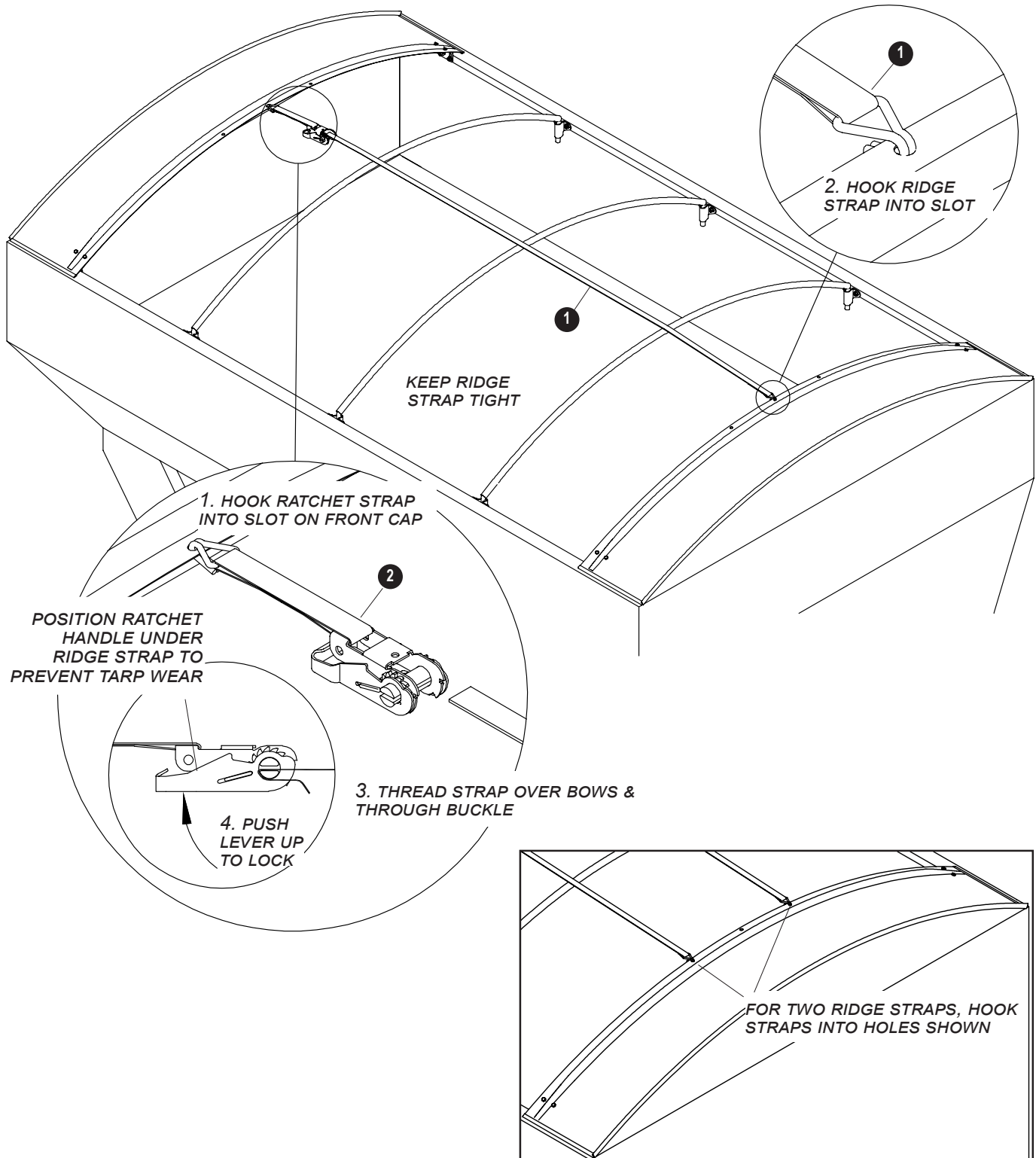


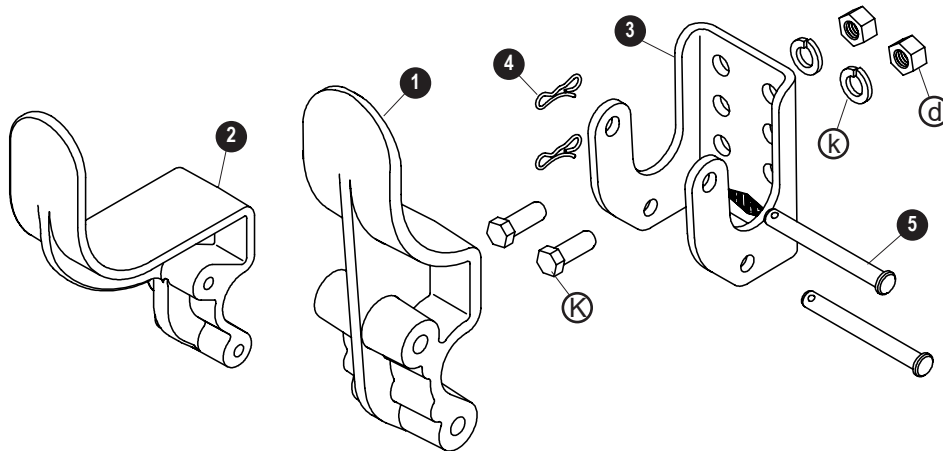
STEP 6: Mark and drill 13/32" holes and mount brackets with screws (K), flat washers (m), lock washers (k) and nuts (d). Install bows into bow brackets.

SINGLE BOW BRACKET



| Item | Part # | Description |
|------|---------|-------------------------------|
| 1. | 1118512 | Ridge Strap w/Hook - 1" x 10' |
| | 1118514 | Ridge Strap w/Hook - 1" x 14' |
| | 1118516 | Ridge Strap w/Hook - 1" x 18' |
| | 1118518 | Ridge Strap w/Hook - 1" x 24' |
| 2. | 1118509 | Buckle Weldment - 1" |

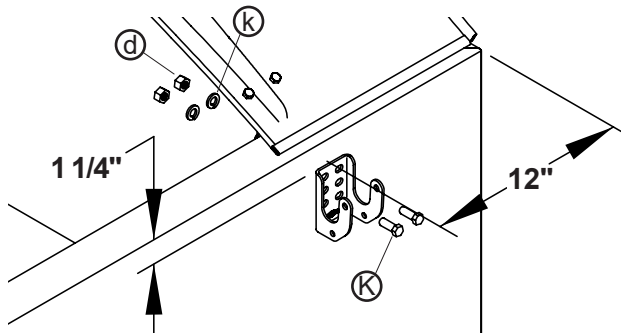




| Item | Part # | Description |
|------|---------|---------------------------------------------------------|
| 1. | 1124769 | Easy-Off Cast Aluminum Tarp Stop Upright - Black |
| 2. | 1124772 | Easy-Off Cast Aluminum Offset Tarp Stop Upright - Black |
| 3. | 1118268 | Easy-Off Tarp Stop Body - Black |
| 4. | 1704380 | Bowtie Cotter Pin |
| 5. | 1703604 | Clevis Pin - 5/16" x 2 7/8" |
| K. | 1703579 | Cap Screw - 3/8" x 1" - SS |
| k. | 1703576 | Lock Washer - 3/8" - SS |
| d. | 1200999 | Hex Nut - 3/8" - SS |

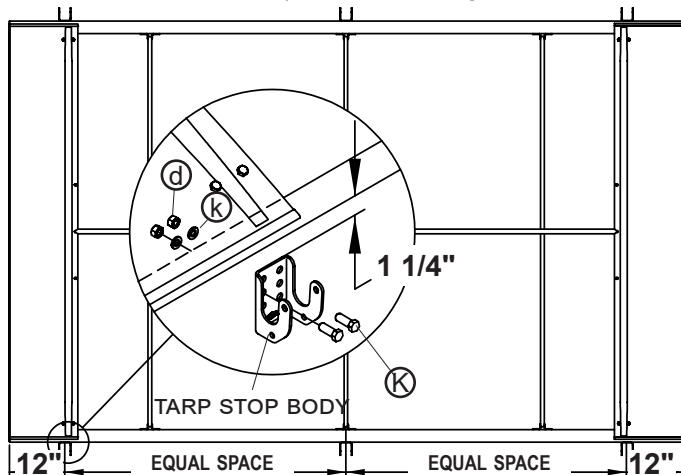
NOTE: If installing system to open from right side of box, locate tarp stops on left side.

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 **K**, lock washers **k** and nuts **d**.

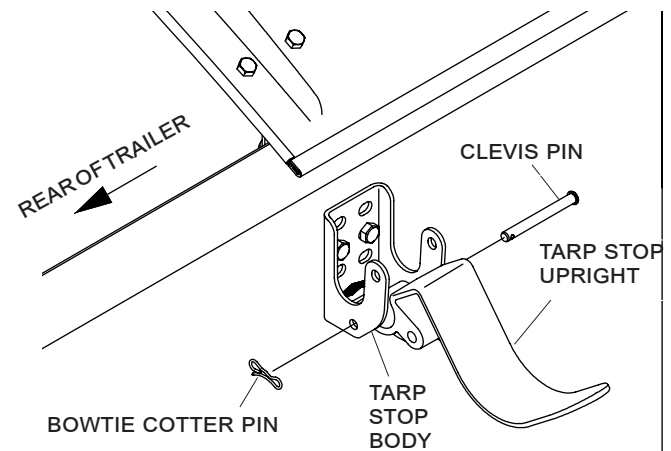


NOTE: Install tarp stop body on vertical surface. Fasten through holes that best fit top rail configuration.

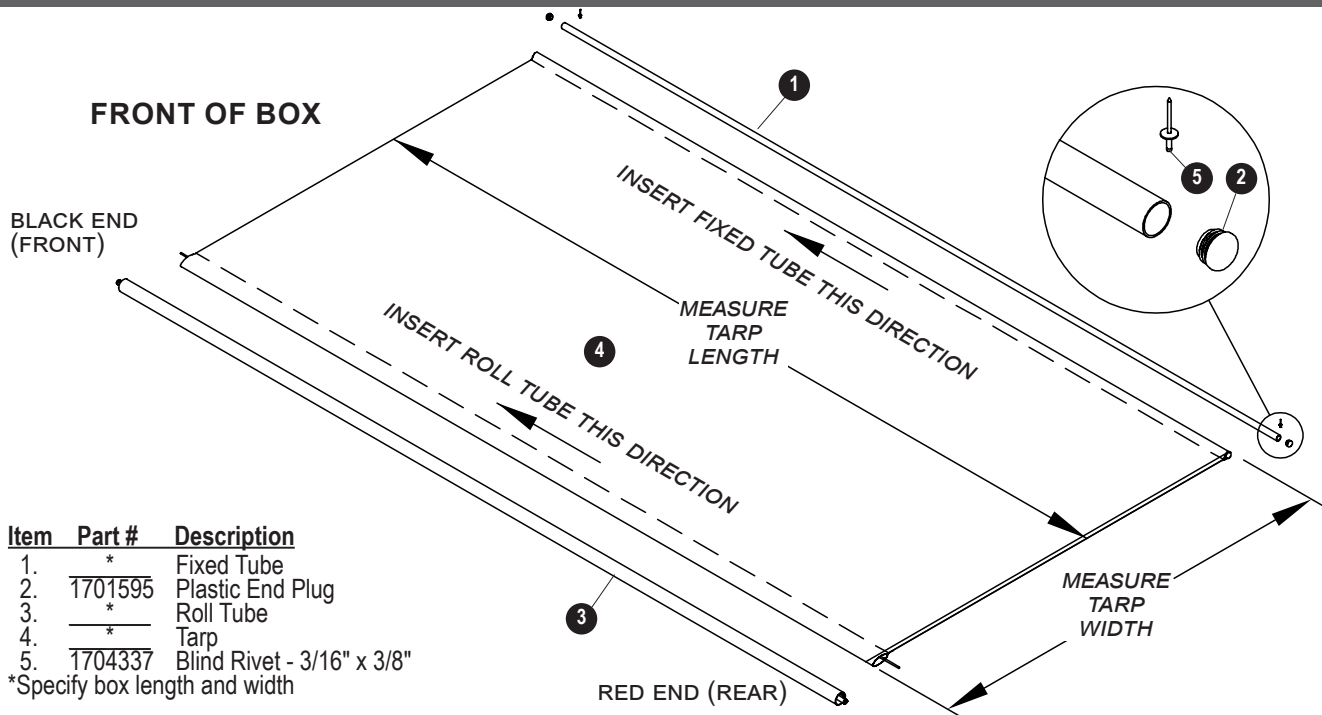
STEP 2: Locate second tarp stop body 12" from rear edge of box and 1 1/4" below top of side rail. Mark and drill holes and fasten with screws **K**, lock washers **k** and nuts **d**. Equally space remaining tarp stop bodies.



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.



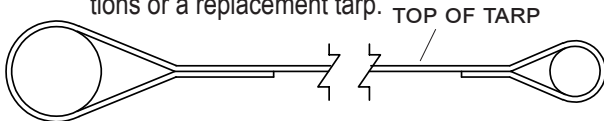
NOTE: Align cotter pins toward rear of trailer as shown.



| Item | Part # | Description |
|------|---------|----------------------------|
| 1. | * | Fixed Tube |
| 2. | 1701595 | Plastic End Plug |
| 3. | * | Roll Tube |
| 4. | * | Tarp |
| 5. | 1704337 | Blind Rivet - 3/16" x 3/8" |

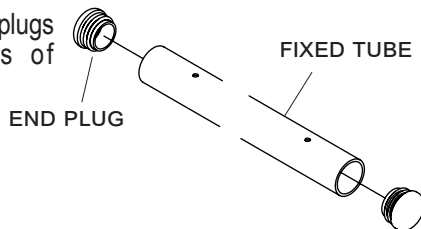
*Specify box length and width

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.

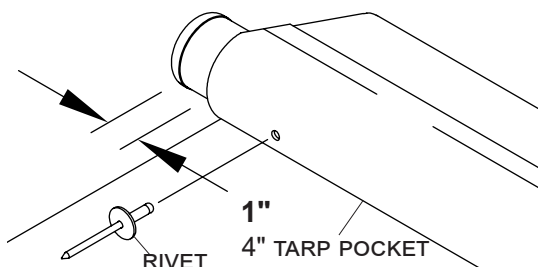


NOTE: Tarps cannot be returned at Shur-Co's expense beyond this point. Tarps damaged beyond this point may be returned for repair or replacement at owner's expense.

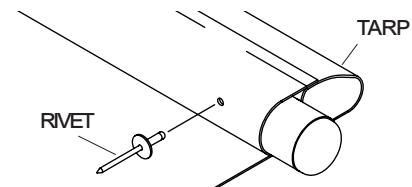
STEP 2: Install end plugs into ends of fixed tube.



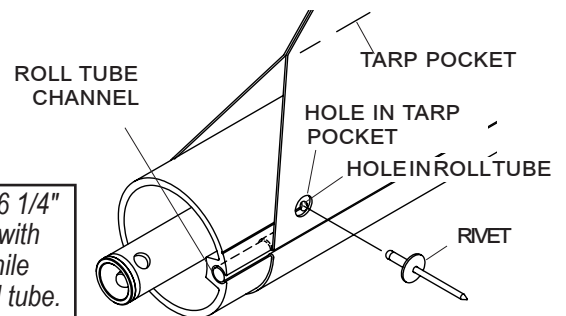
STEP 3: Insert fixed tube into 4" tarp pocket. Extend tube 1" past tarp edge, align pre-punched hole in tarp with 3/16" hole in fixed tube and secure with rivet.



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.

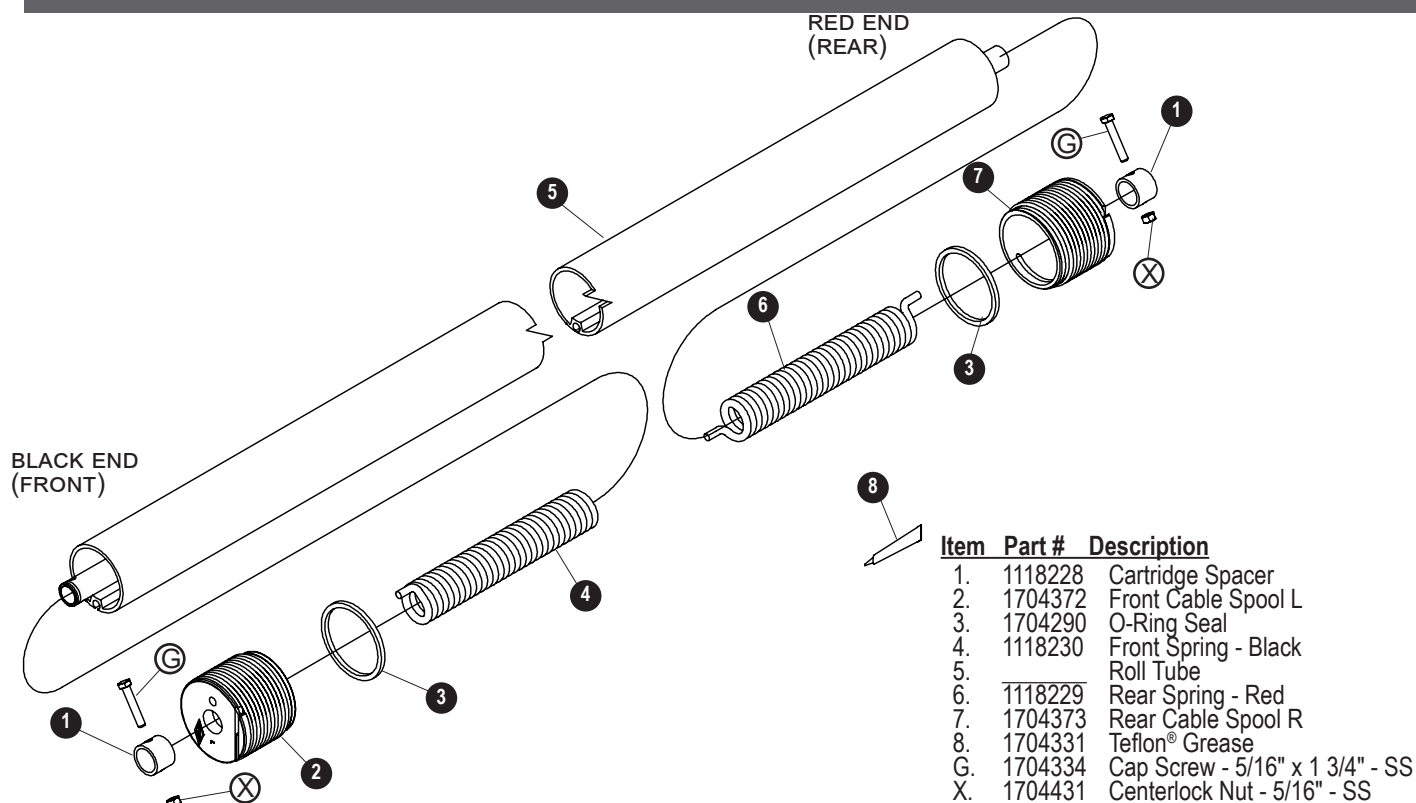


STEP 5: Roll tube. Align roll tube with 6 1/4" pocket in tarp so channel in roll tube lines up with rod sewn inside tarp pocket. Make sure hole in roll tube and hole in tarp are on same side of rod. Slide roll tube into tarp pocket, fitting rod into channel. Align hole near end of roll tube with hole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

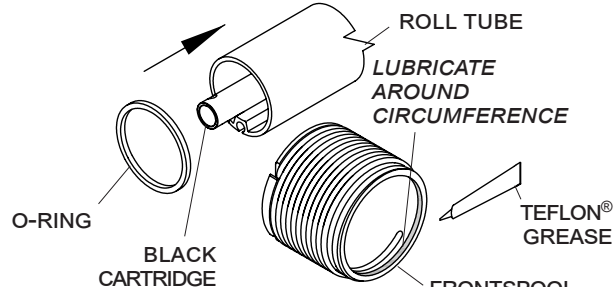


TIP: Inflate 6 1/4" tarp pocket with air chuck while inserting roll tube.

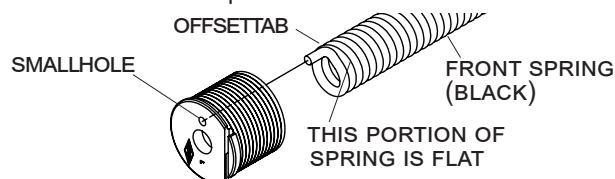
NOTE: Rod must extend past edge of tarp but must not extend past edge of roll tube. Trim rod, if required.



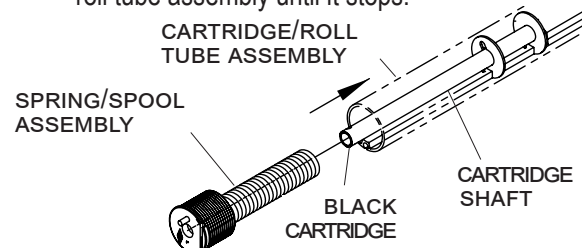
STEP 1: Slide O-ring onto roll tube. Lubricate inside of front spool (marked L) with Teflon® grease.



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

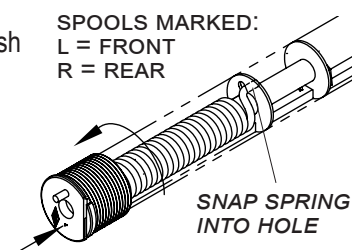


STEP 3: Insert spring and spool onto black cartridge shaft. Continue to slide spring/spool assembly into cartridge/roll tube assembly until it stops.



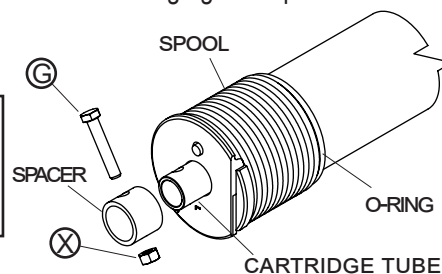
STEP 4: Turn front spool marked 'L' and push to fully engage spring in roll tube.

SPOOLS MARKED:
L = FRONT
R = REAR



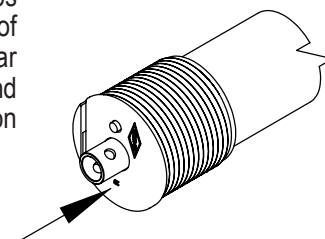
STEP 5: Slide spacer on cartridge tube. Align holes with cartridge tube and fasten with cap screw G and hex nut X. Tighten. Push O-ring against spool.

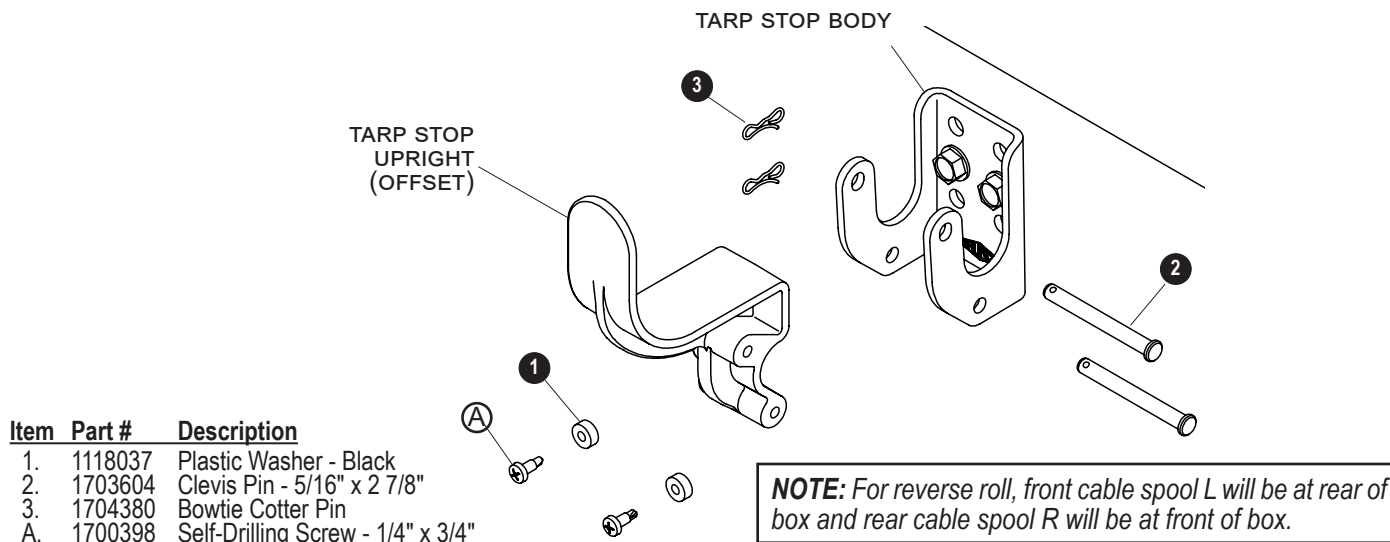
NOTE: Spacer should fit tight against face of spool.



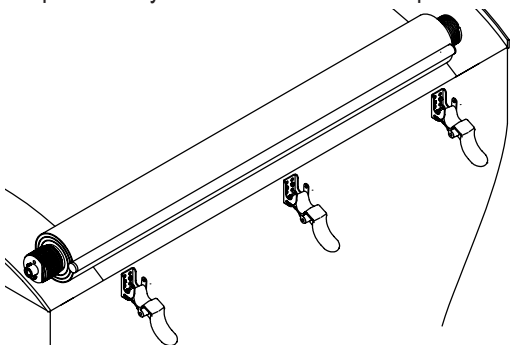
STEP 6: Rear. Repeat steps 1 to 5 on rear end of roll tube, using rear spool (marked R) and red spring. Install on red cartridge.

SPOOL MARKED:
L = FRONT
R = REAR

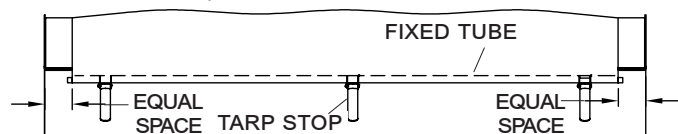




STEP 1: Wind tarp completely around roll tube. Lift rolled up tarp assembly onto fixed tube side of spreader body.

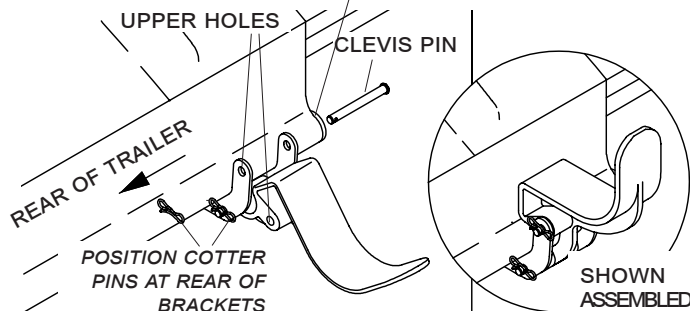


STEP 2: Center tarp on farm box, overlapping end caps. Unroll tarp so fixed tube hangs over edge of box. Square up tarp and fixed tube. Adjust tarp so fixed tube rests squarely in tarp stop bodies.

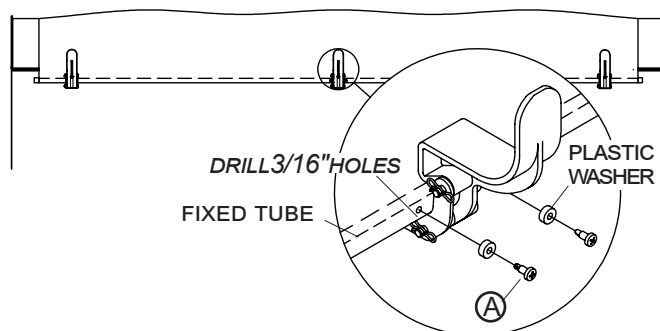


STEP 3: Align upper holes in tarp stop uprights with upper holes in tarp stop bodies. Insert clevis pins through aligned holes and secure with bowtie cotter pins.

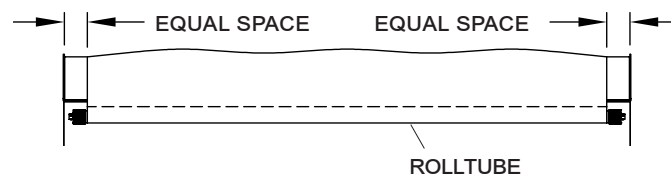
FIXED TUBE IN TARP STOP BODY



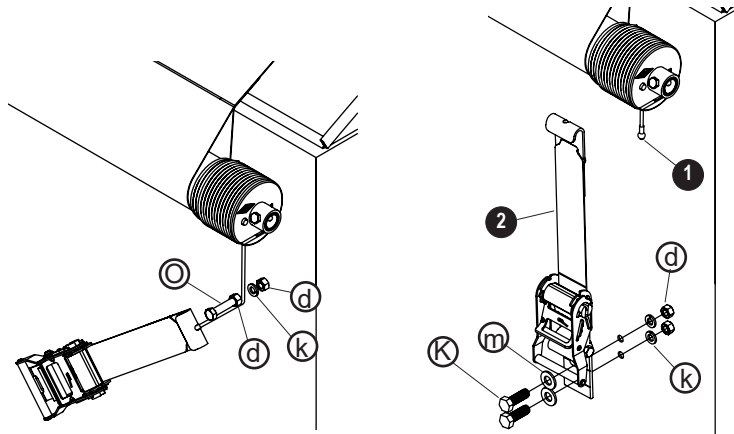
STEP 4: At center tarp stop, hold plastic washer against tarp stop body. Using washer as guide, drill 3/16" hole through tarp and fixed tube. Using #3 Phillips bit, thread self-drilling screw A through washer and hole in fixed tube. Do not overtighten. Repeat on other side of tarp stop body.



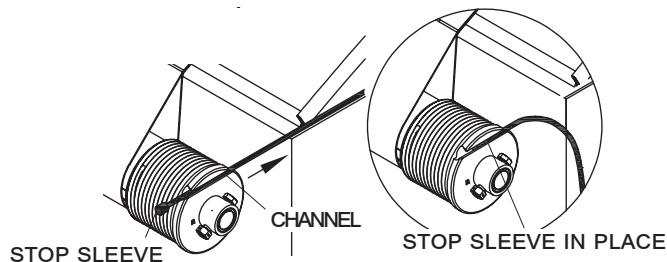
STEP 5: Make sure roll tube and tarp are centered on box.



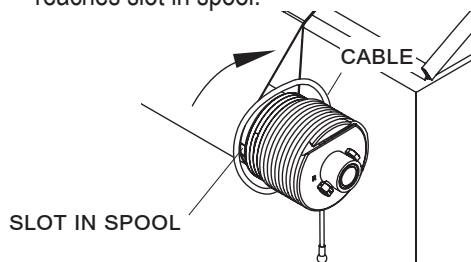
| Item | Part # | Description |
|------|---------|--------------------------------|
| 1. | 1705280 | Cable - 139" - SS |
| 2. | 1118275 | Ratchet Strap Assembly - 18" |
| | 1118276 | Ratchet Strap Assembly - 42" |
| K. | 1703579 | Cap Screw - 3/8" x 1" - SS |
| O. | 1704429 | Cap Screw - 3/8" x 2 1/2" - SS |
| d. | 1200999 | Hex Nut - 3/8" - SS |
| k. | 1703576 | Lock Washer - 3/8" - SS |
| m. | 1703577 | Flat Washer - 3/8" - SS |



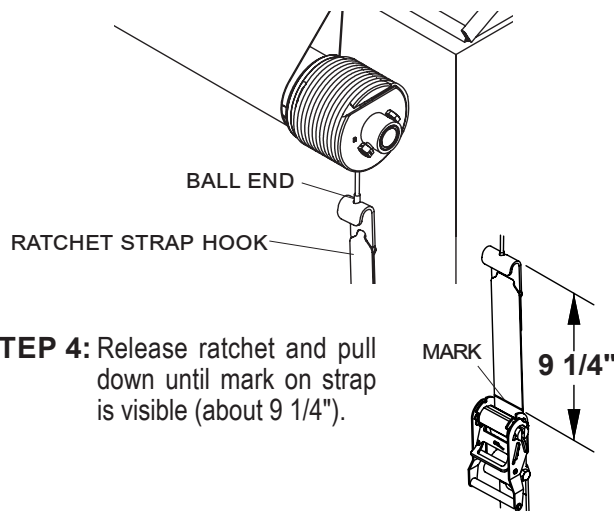
STEP 1: With tarp closed, insert stop sleeve end of cable into channel on end of spool. Pull cable until stop sleeve snaps into place.



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

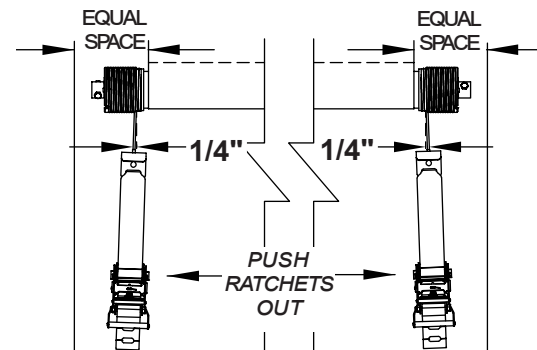


STEP 3: Hook ball end of cable to ratchet strap hook.

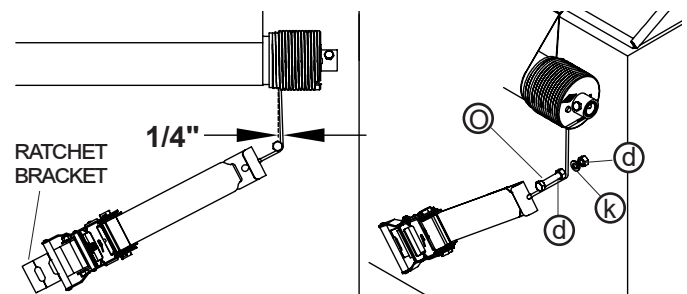


STEP 4: Release ratchet and pull down until mark on strap is visible (about 9 1/4").

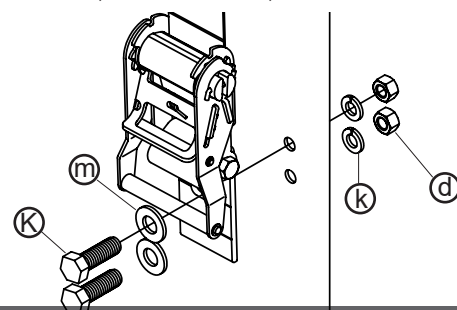
STEP 5: To ensure cable winds correctly in spool grooves, push ratchets out so cable moves 1/4".

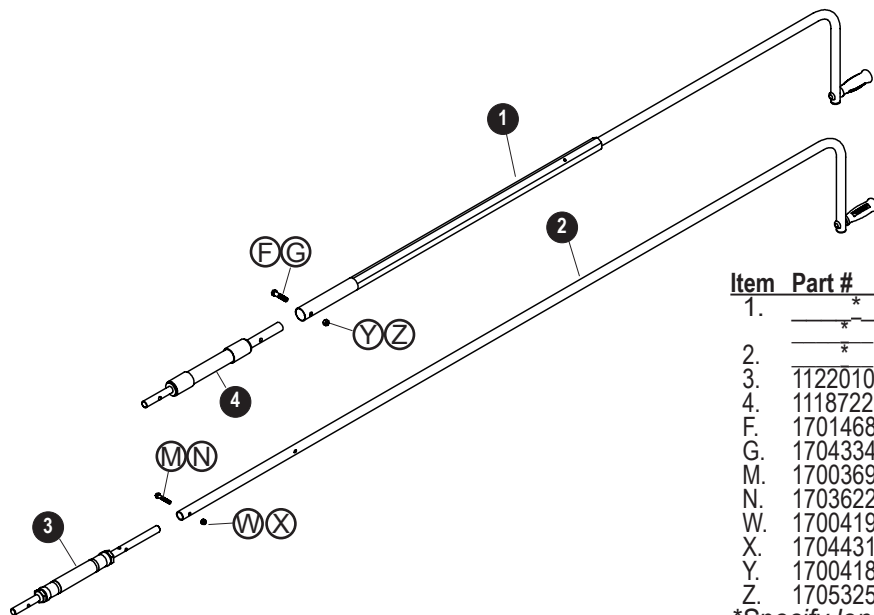


STEP 5A: If vertical surface is too short to mount ratchets. Mark location for 5/16" holes after ratchets are pushed out so cable moves 1/4". Drill holes. Tighten nut on screw ① and fasten to box with lock washer ② and nut ③. Guide cable around cap screw and rotate ratchet bracket to fit on vertical surface.



STEP 6: Mark and drill 5/16" holes. Fasten ratchet bracket to box ④, flat washers ⑤, lock washers ⑥ and nuts ⑦.

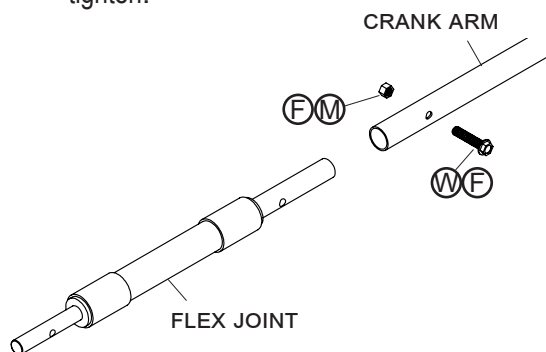




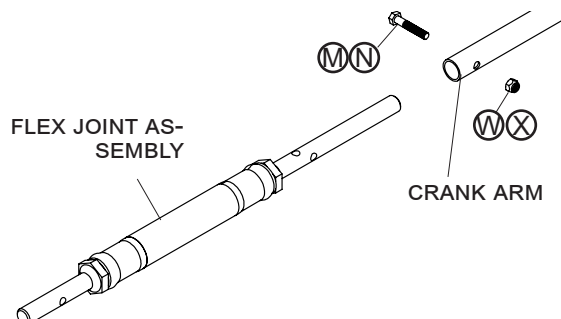
| Item | Part # | Description |
|------|---------|------------------------------------------------|
| 1. | * | Crank Arm Assembly - Telescoping/Indexing |
| 2. | * | Crank Arm Assembly - Telescoping/Indexing - SS |
| 3. | 1122010 | Flex Joint Assembly - One Piece |
| 4. | 1118722 | Flex Joint Assembly - 12" |
| F. | 1701468 | Cap Screw - 5/16" x 1 3/4" |
| G. | 1704334 | Cap Screw - 5/16" x 1 3/4" - SS |
| M. | 1700369 | Cap Screw - 3/8" x 1 3/4" |
| N. | 1703622 | Cap Screw - 3/8" x 1 3/4" - SS |
| W. | 1700419 | Nylon Lock Nut - 5/16" |
| X. | 1704431 | Nylon Lock Nut - 5/16" - SS |
| Y. | 1700418 | Centerlock Nut - 3/8" |
| Z. | 1705325 | Centerlock Nut - 3/8" - SS |

*Specify length

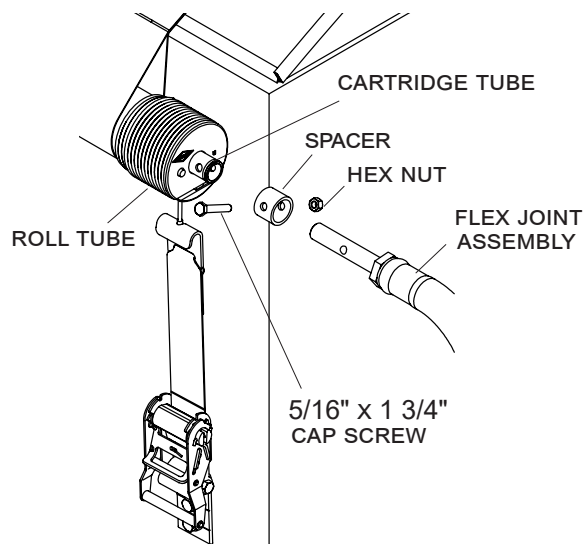
STEP 1A: Telescoping/Indexing crank option. Insert flex joint into end of crank arm. Fasten with screw and nut for galvanized option. For stainless steel option, fasten with screw and nut . Finger tighten.

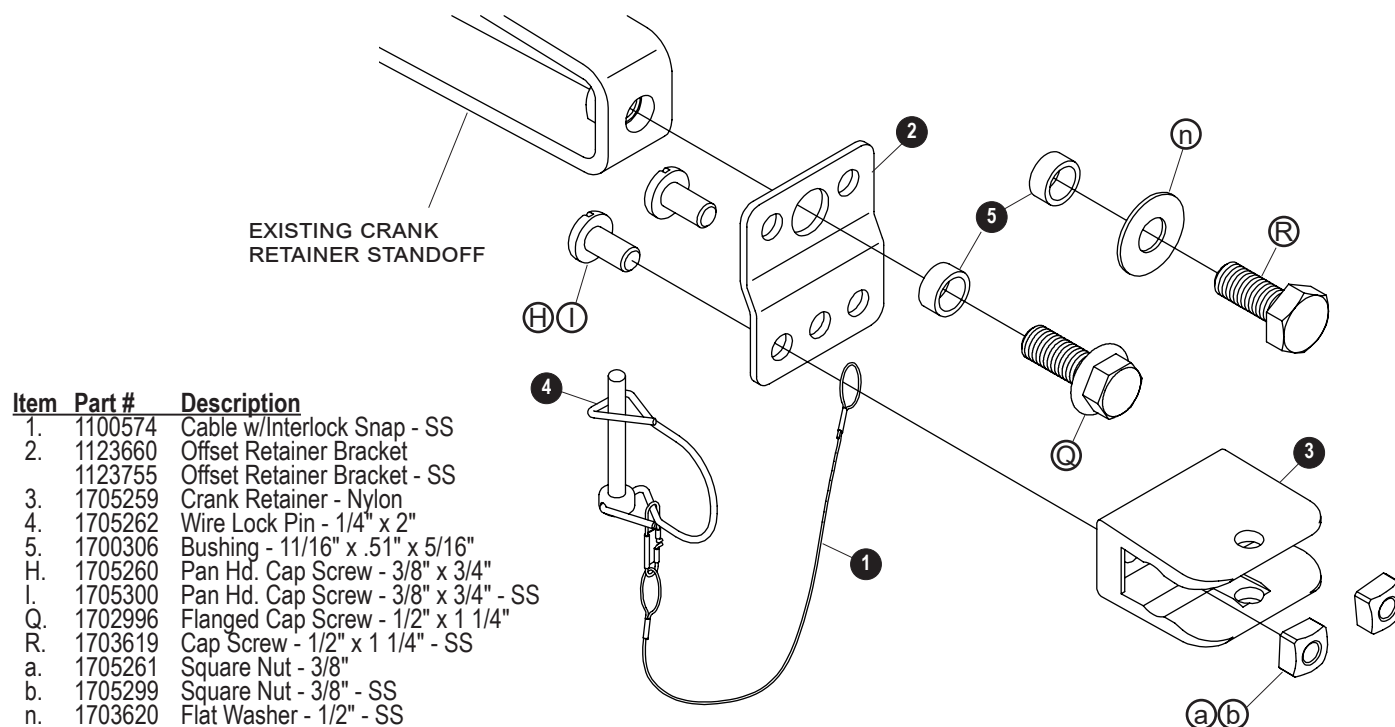


STEP 1B: One piece crank option. Insert flex joint into end of crank arm. Fasten with screw and nut for galvanized option. For stainless steel option, fasten with screw and nut . Finger tighten.

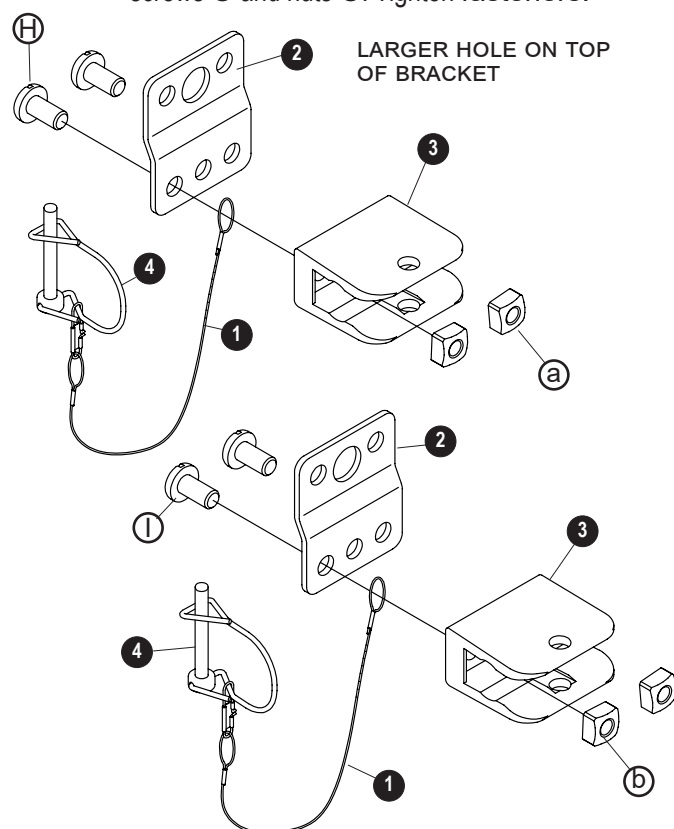


STEP 3: Remove nut and cap screw from spacer on rear (red) end of roll tube. Slide flex joint assembly end into cartridge tube protruding from roll tube. Align holes, reinsert cap screw and tighten hex nut.



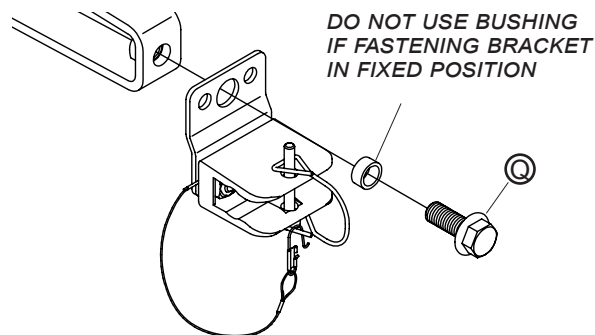


STEP 1A: Galvanized option. Fasten components shown with screws **H** and nuts **a**. Tighten fasteners.

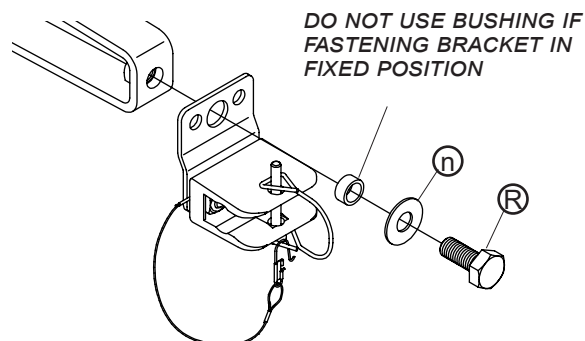


STEP 1B: Stainless option. Fasten components shown with stainless steel screws **I** and nuts **b**. Tighten fasteners.

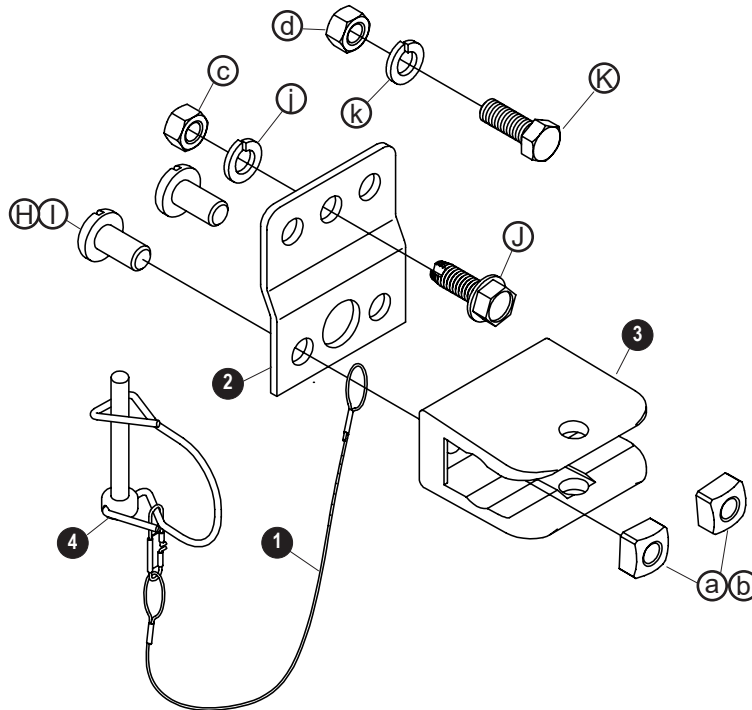
STEP 2A: Galvanized steel option. Fasten telescoping crank retainer to existing crank retainer standoff on rear of trailer with screw **Q** and bushing. Tighten fasteners.



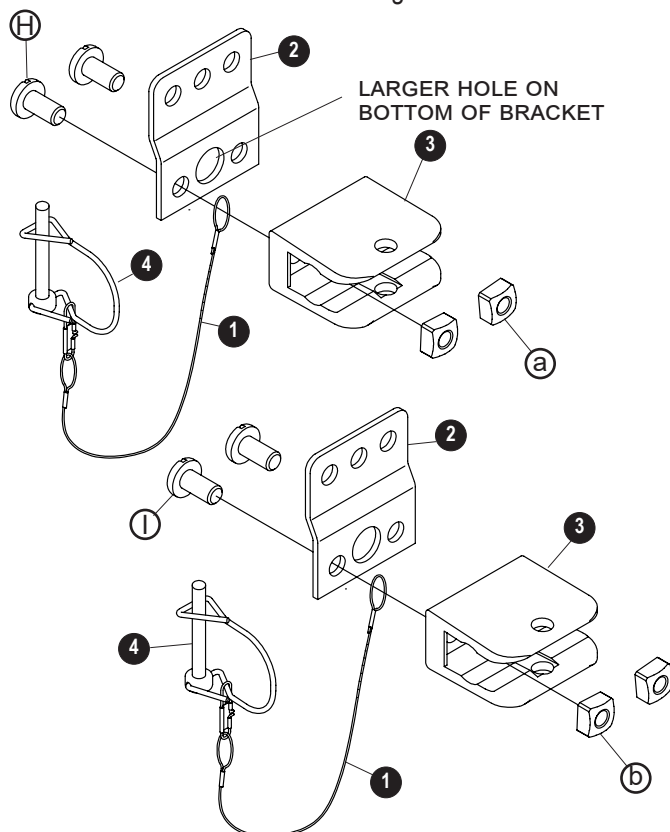
STEP 2B: Stainless steel option. Fasten telescoping crank retainer to existing crank retainer standoff on rear of trailer with screw **R**, washer **n** and bushing. Tighten fasteners.



| Item | Part # | Description |
|------|---------|--------------------------------------|
| 1. | 1100574 | Cable w/Interlock Snap - SS |
| 2. | 1123660 | Offset Retainer Bracket |
| | 1123755 | Offset Retainer Bracket - SS |
| 3. | 1705259 | Crank Retainer - Nylon |
| 4. | 1705262 | Wire Lock Pin - 1/4" x 2" |
| H. | 1705260 | Pan Hd. Cap Screw - 3/8" x 3/4" |
| I. | 1705300 | Pan Hd. Cap Screw - 3/8" x 3/4" - SS |
| J. | 1700400 | Self-Tapping Screw - 3/8" x 1" |
| K. | 1703579 | Cap Screw - 3/8" x 1" - SS |
| a. | 1705261 | Square Nut - 3/8" |
| b. | 1705299 | Square Nut - 3/8" - SS |
| c. | 1700407 | Hex Nut - 3/8" |
| d. | 1200999 | Hex Nut - 3/8" - SS |
| i. | 1700434 | Lock Washer - 3/8" |
| k. | 1703576 | Lock Washer - 3/8" - SS |



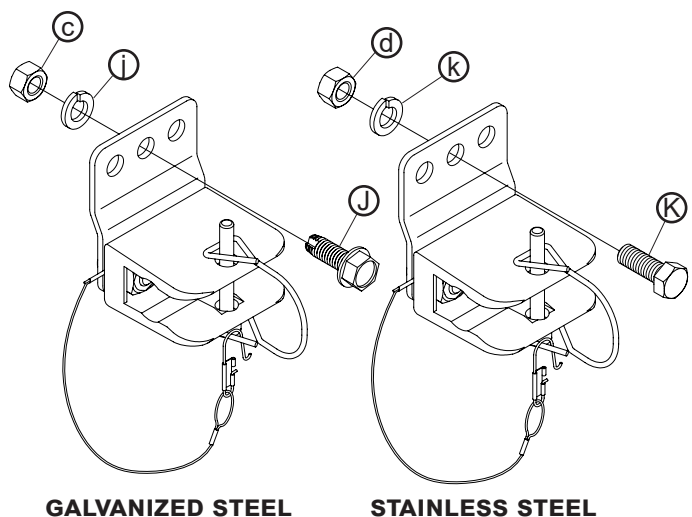
STEP 1A:Galvanized option. Fasten components shown with screws **H** and nuts **a**. Tighten fasteners.



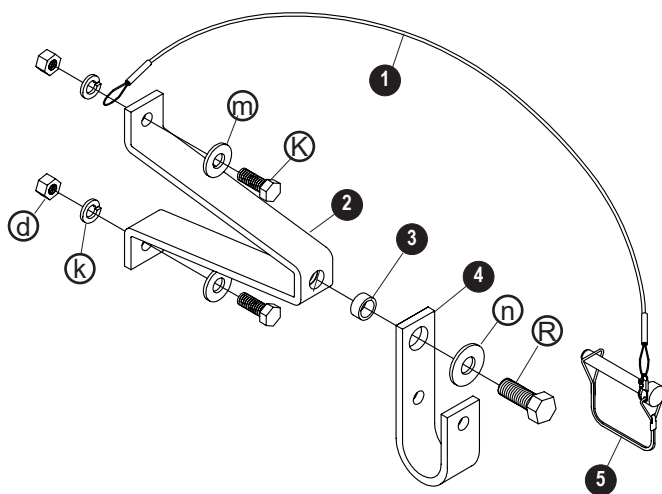
STEP 1B:Stainless option. Fasten components shown with stainless steel screws **I** and nuts **b**. Tighten fasteners.

STEP 2: Determine mounting location on rear of trailer for telescoping crank retainer.

STEP 3A:Galvanized steel option. Use center hole in retaining bracket as guide to mark and drill 5/16" hole in trailer wall. Fasten with galvanized steel screw **I**, washer **i** and nut **c**. Tighten fasteners.



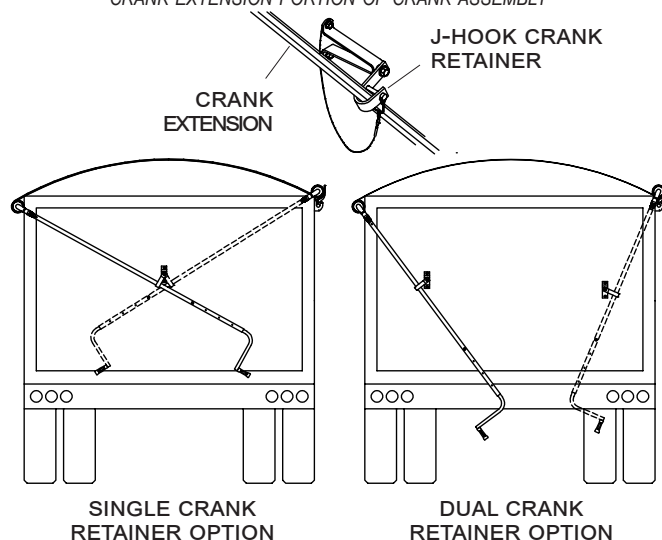
STEP 3B:Stainless steel option. Use center hole in retaining bracket as guide to mark and drill 13/32" hole in trailer wall. Fasten with stainless steel screw **K**, washer **k** and nut **d**. Tighten fasteners.

**CRANK RETAINERS**

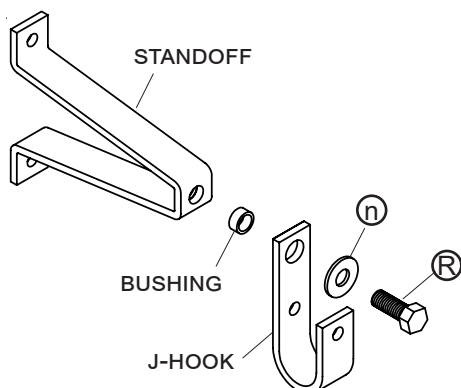
| Item | Part # | Description |
|------|---------|-----------------------------------|
| 1. | 1100574 | Cable w/Snap |
| 2. | 1115511 | Crank Retainer Standoff - 7" - SS |
| 3. | 1100306 | Retainer Bushing |
| 4. | 1118927 | Crank Retainer J-Hook - SS |
| 5. | 1700526 | Wire Lock Pin |
| K. | 1703579 | Cap Screw - 3/8" x 1" - SS |
| R. | 1703619 | Cap Screw - 1/2" x 1 1/4" - SS |
| d. | 1200999 | Hex Nut - 3/8" - SS |
| m. | 1703577 | Flat Washer - 3/8" - SS |
| k. | 1703576 | Lock Washer - 3/8" - SS |
| n. | 1703620 | Flat Washer - 1/2" - SS |

STEP 1: Mark locations for one or two crank arms on back of box, where accessible by crank arm while tarp is opened or closed.

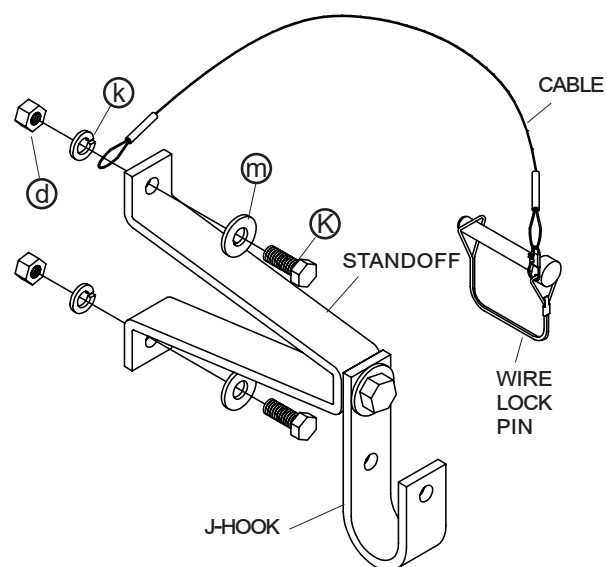
LOCATE CRANK RETAINER WHERE IT WILL ENGAGE CRANK EXTENSION PORTION OF CRANK ASSEMBLY

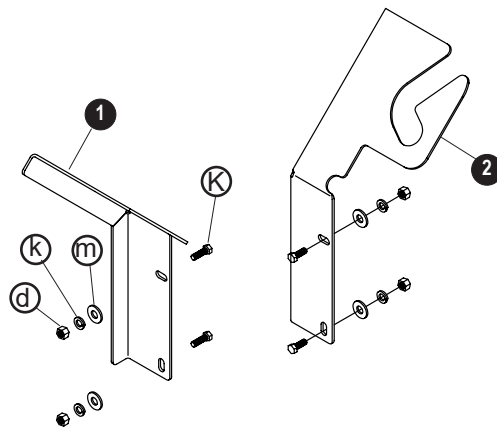


STEP 2: Fasten J-hook and bushing to crank arm standoff with screw (K) and washer (n).



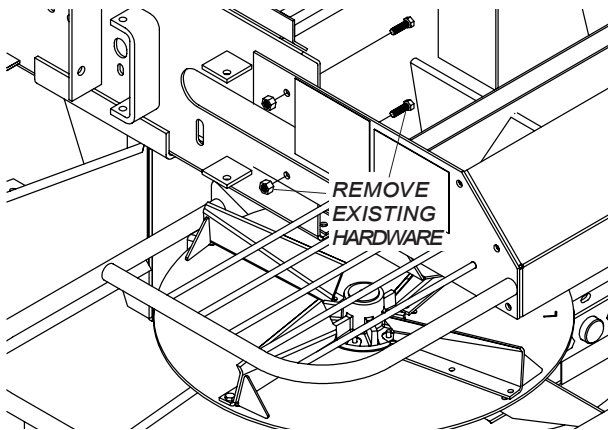
STEP 3: Drill 5/16" holes and fasten crank retainer assembly to box with screws (K), flat washers (m), lock washers (k) and nuts (d). If using J-hook, fasten cable to wire lock pin. Fasten other end of cable behind standoff.



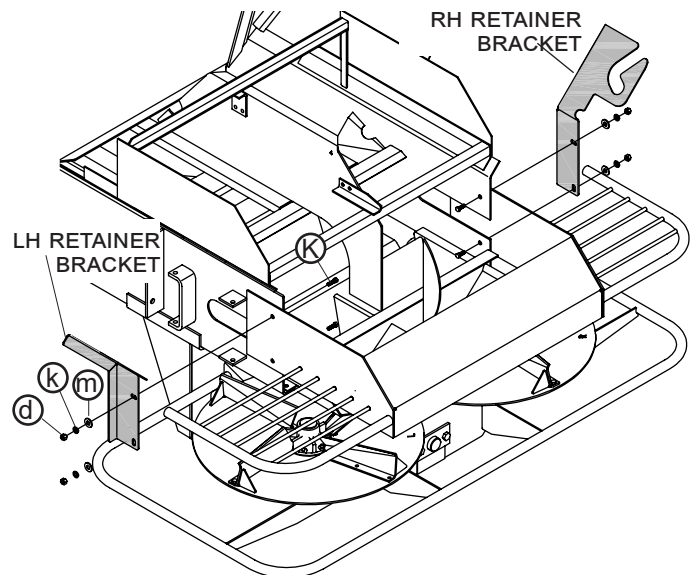


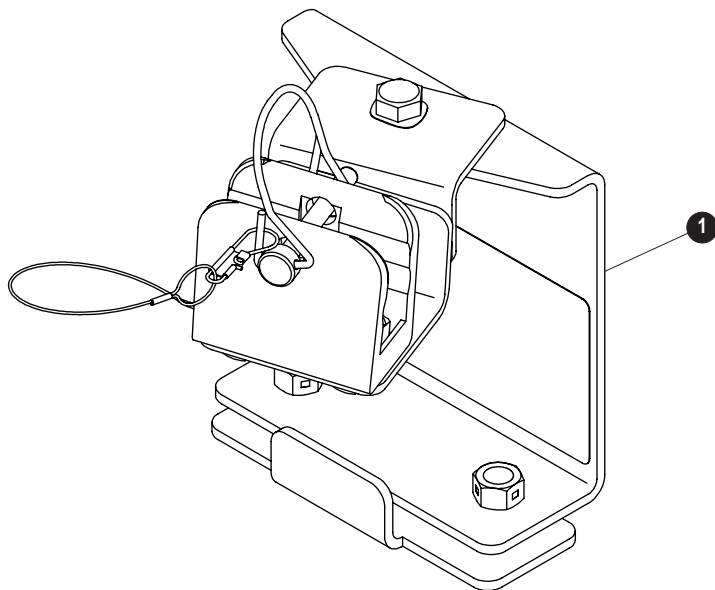
| Item | Part # | Description |
|------|---------|----------------------------|
| 1. | 1119653 | Retainer Bracket - LH |
| 2. | 1119654 | Retainer Bracket - RH |
| K. | 1703579 | Cap Screw - 3/8" x 1" - SS |
| d. | 1200999 | Hex Nut - 3/8" - SS |
| k. | 1703576 | Lock Washer - 3/8" - SS |
| m. | 1703577 | Flat Washer - 3/8" - SS |

STEP 1: Remove existing hardware from spinner guard.



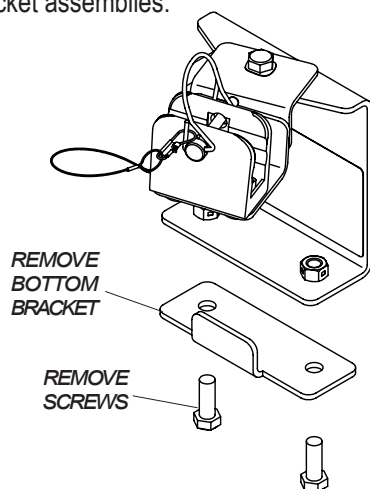
STEP 2: Fasten retainer bracket into bolt holes on spinner guard (where fasteners were removed in step 1) with screws **K**, lock washers **k**, flat washers **m** and nuts **d**.



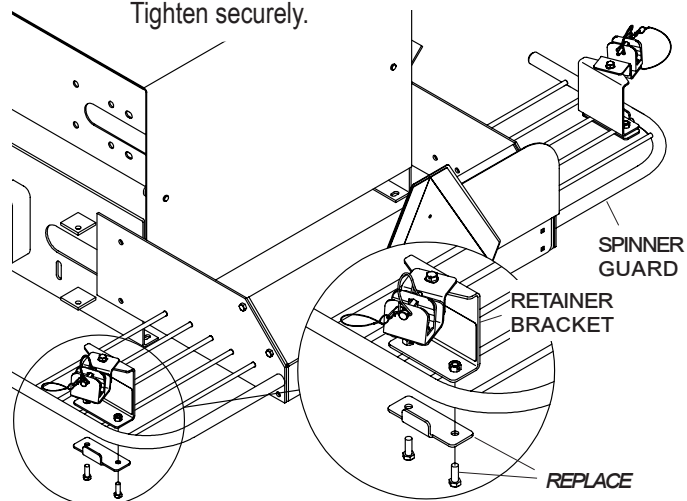


| Item | Part # | Description |
|------|---------|--------------------------------|
| 1. | 1125203 | Retainer Bracket Assembly - SS |

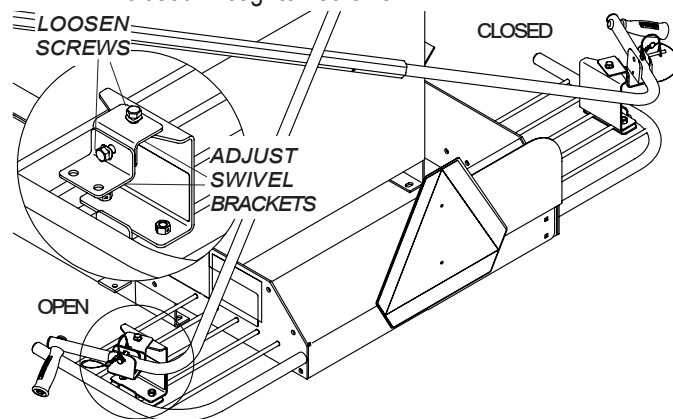
STEP 1: Remove screws and bottom bracket from retainer bracket assemblies.



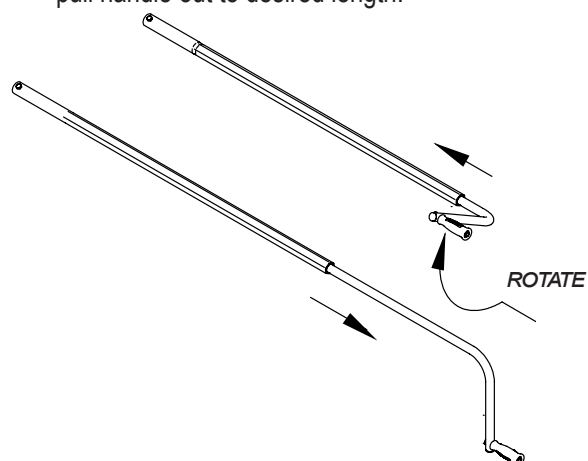
STEP 2: Align retainer brackets on both sides of spinner guard as shown. Replace screws and bottom bracket. Tighten securely.



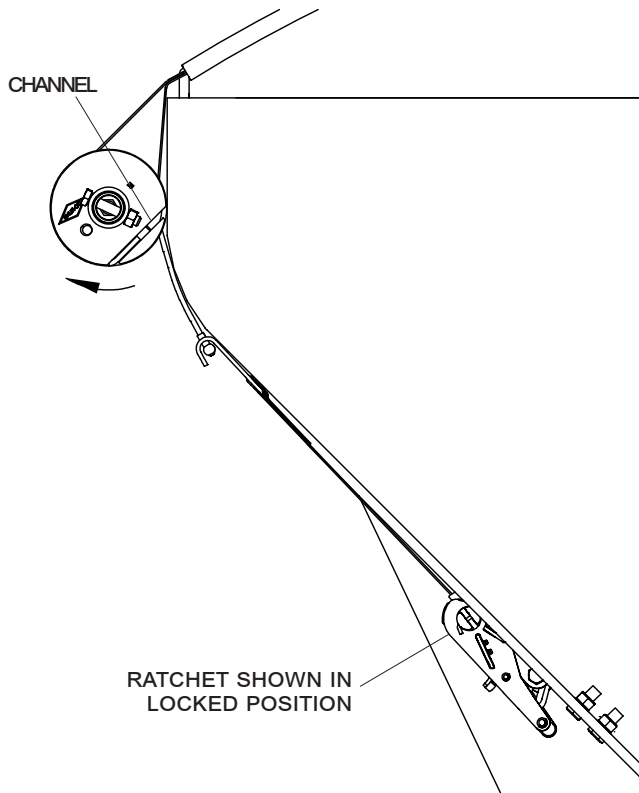
STEP 3: Loosen screws in swivel bracket and align crank retainers with crank handle while tarp is open and closed. Retighten screws.



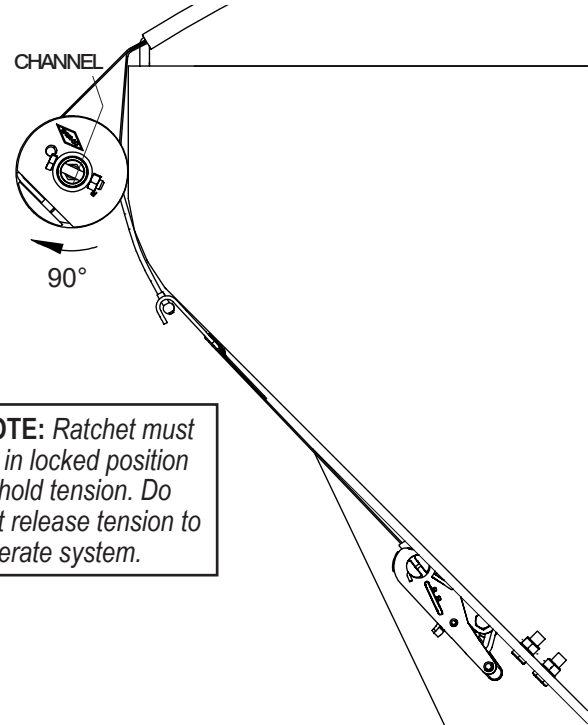
STEP 4: To change angle of crank handle while crank is in retainer, slide handle into hexagonal portion of crank arm until it stops. Rotate handle to desired angle, then pull handle out to desired length.



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



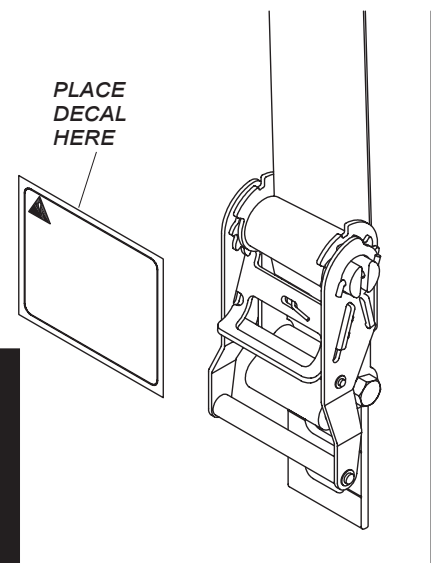
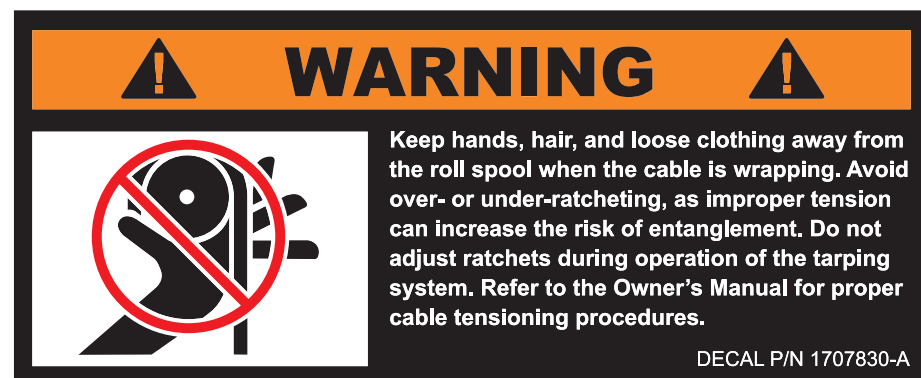
STEP 2: Tighten ratchet so channels rotate 90° from original position. Open and close tarp system five or six times to allow cable to seat in spool grooves and tarp to pull snug. Check position of channel and retighten ratchet as needed to rotate channel 90° from initial position.



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 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 |

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DECAL P/N 1707830-E

| 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:**

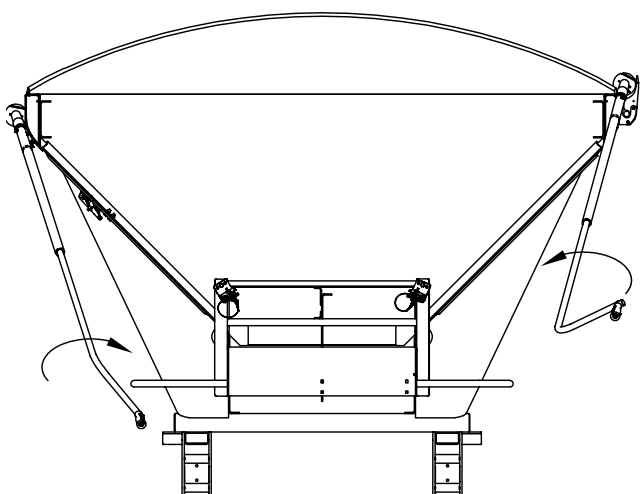
1. Using both hands, carefully remove crank from crank retainer.
2. Move crank handle to operating position.
3. Turn crank clockwise to roll tarp open.
4. Return crank to other crank retainer and secure.

Close tarp from open position:

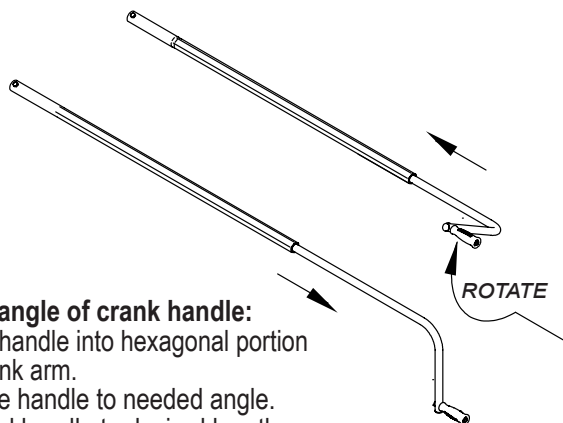
1. Using both hands, carefully remove crank from crank retainer.
2. Move crank handle to operating position.
3. Turn crank counter-clockwise to roll tarp closed.
4. Return crank to other crank retainer and secure.

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

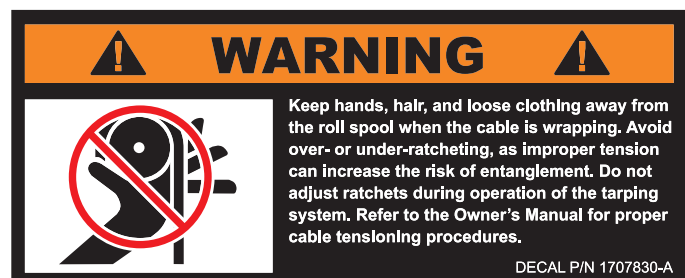
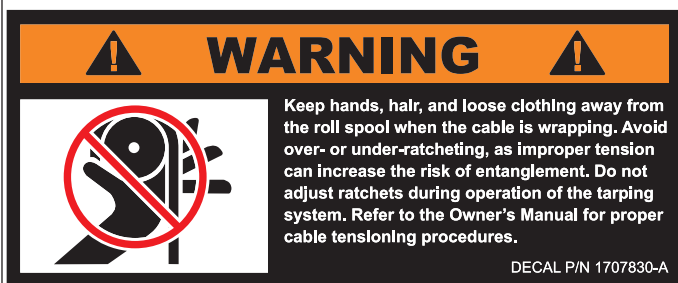
**STANDARD TARP REPAIR KIT (P/N 1102111)****Kit includes:**

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



SAFETY DECALS

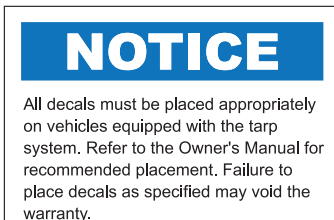
| Item | Part # | Description |
|------|---------|-----------------------------|
| 1. | 1707831 | Crank Retainer Safety Decal |
| 2. | 1707830 | Cable-Lok Decal Sheet |



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.

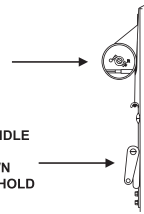
2 CLOSING FROM AN OPEN POSITION

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

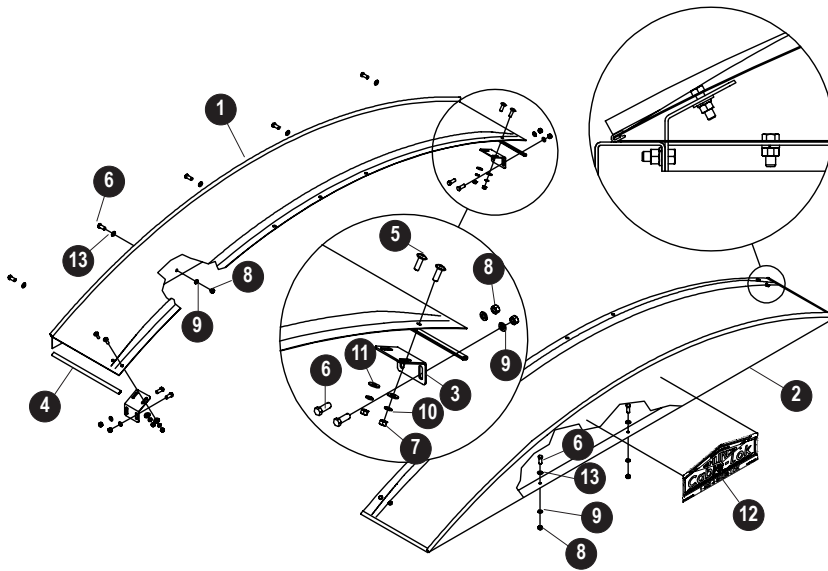
RATCHET HANDLE MUST BE IN LOCKED-DOWN POSITION TO HOLD TENSION



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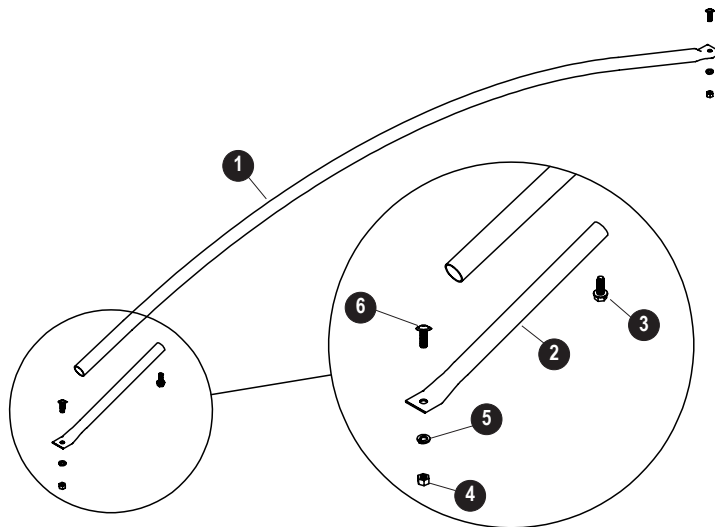
DECAL P/N 1707830-E

P/N 1707830

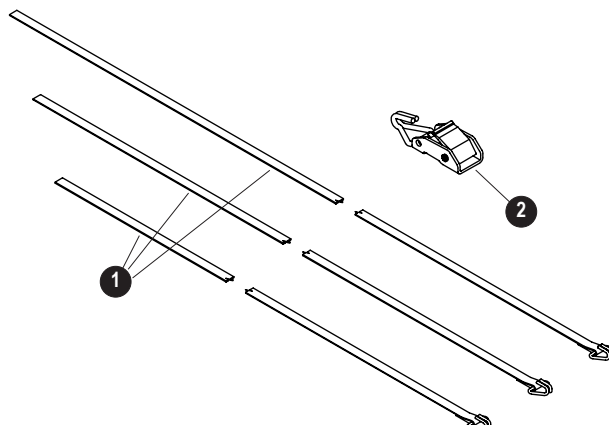
**END CAPS**

| Item | Part # | Description |
|------|---------|------------------------------------------------------------------------------------------------------------------|
| 1. | * | 6" Rise Cap - Face Mt. - SS 10" Rise Cap - Face Mt. - SS 6" Rise Cap - Face Mt. 10" Rise Cap - Face Mt. |
| 2. | * | 6" Rise Cap - Top Mt. - SS SS 10" Rise Cap - Top Mt. - SS 6" Rise Cap - Top Mt. 10" Rise Cap - Top Mt. |
| 3. | 1118188 | End Cap Brkt. - Low Rise - Face Mt. |
| | 1118189 | End Cap Brkt. - High Rise - Face Mt. |
| 4. | 1118596 | Edge Trim - 30" |
| 5. | 1704443 | Flange Btn. Hd. Screw - 5/16" x 1" - SS |
| 6. | 1703579 | Cap Screw - 3/8" x 1" - SS |
| 7. | 1201493 | Hex Nut - 5/16" - SS |
| 8. | 1200999 | Hex Nut - 3/8" - SS |
| 9. | 1703576 | Lock Washer - 3/8" - SS |
| 10. | 1201241 | Lock Washer - 5/16" - SS |
| 11. | 1201237 | Flat Washer - 5/16" - SS |
| 12. | 1704417 | Cable-Lok™ Decal |
| 13. | 1703577 | Flat Washer - 3/8" - SS |

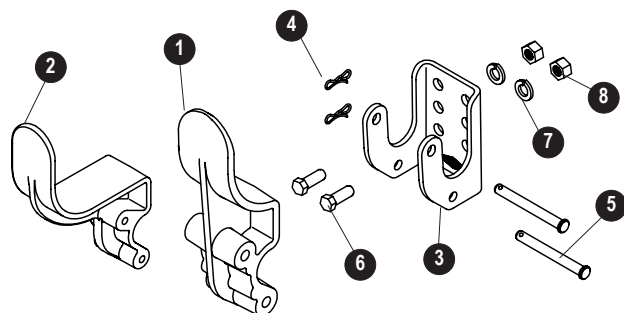
*Specify style and size

**BOWS**

| Item | Part # | Description |
|------|---------|--------------------------------------------|
| 1. | * | High-Rise Bow - SS Low-Rise Bow - SS |
| 2. | 1118624 | Top Mt. Bow Extension - Short - SS |
| 3. | 1700400 | Self-Tapping Screw - 3/8" x 1" |
| 4. | 1200999 | Hex Nut - 3/8" - SS |
| 5. | 1703576 | Lock Washer - 3/8" - SS |
| 6. | 1704442 | Flange Btn. Hd. Cap Screw - 3/8" x 1" - SS |

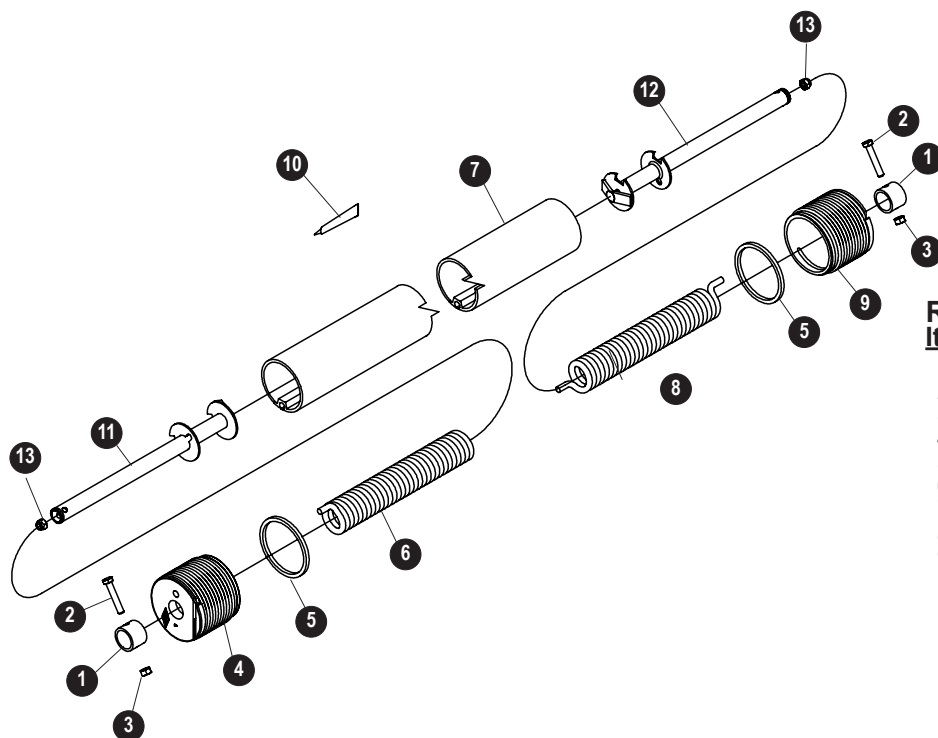
**RATCHET STRAPS**

| Item | Part # | Description |
|------|---------|-------------------------------|
| 1. | 1118512 | Ridge Strap w/Hook - 1" x 10' |
| | 1118514 | Ridge Strap w/Hook - 1" x 14' |
| | 1118516 | Ridge Strap w/Hook - 1" x 18' |
| | 1118518 | Ridge Strap w/Hook - 1" x 24' |
| 2. | 1118509 | Buckle Weldment - 1" |



TARP STOPS

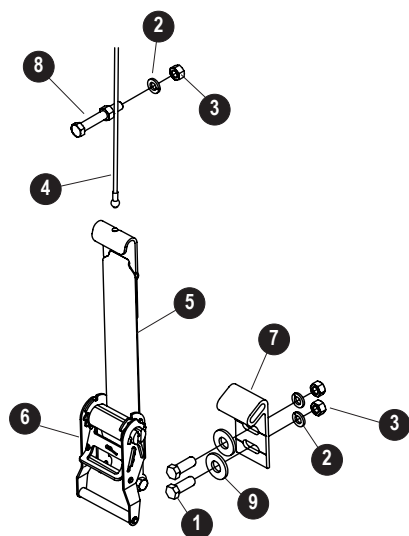
| Item | Part # | Description |
|------|---------|-------------------------------------------------|
| 1. | 1124769 | Easy-Off Alum. Tarp Stop Upright - Black |
| 2. | 1124772 | Easy-Off Offset Alum. Tarp Stop Upright - Black |
| 3. | 1118268 | Easy-Off Tarp Stop Body - Black |
| 4. | 1704380 | Bowtie Cotter Pin |
| 5. | 1703604 | Clevis Pin - 5/16" x 2 7/8" |
| 6. | 1703579 | Cap Screw - 3/8" x 1" - SS |
| 7. | 1703576 | Lock Washer - 3/8" - SS |
| 8. | 1200999 | Hex Nut - 3/8" - SS |



ROLL TUBES

| Item | Part # | Description |
|------|---------|---------------------------------|
| 1. | 1118228 | Cartridge Spacer |
| 2. | 1704334 | Cap Screw - 5/16" x 1 3/4" - SS |
| 3. | 1704333 | Centerlock Hex Nut - 5/16" - SS |
| 4. | 1704372 | Front Cable Spool - L |
| 5. | 1704290 | O-Ring Seal |
| 6. | 1118230 | Front Spring - Black |
| 7. | * | Roll Tube |
| 8. | 1118229 | Rear Spring - Red |
| 9. | 1704373 | Rear Cable Spool R |
| 10. | 1704331 | Teflon® Grease |
| 11. | 1118202 | Front Cartridge Assembly |
| 12. | 1118203 | Rear Cartridge Assembly |
| 13. | 1704297 | Nylon Lock Nut - 5/16" |

*Specify style and size

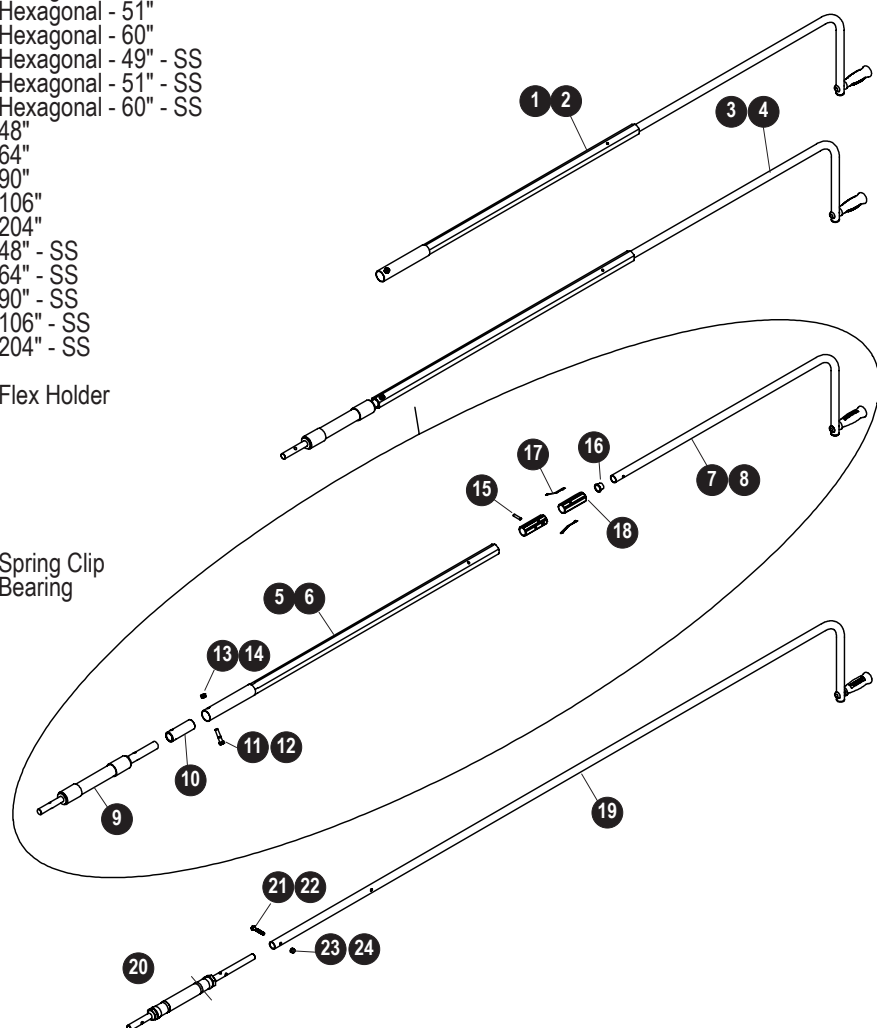


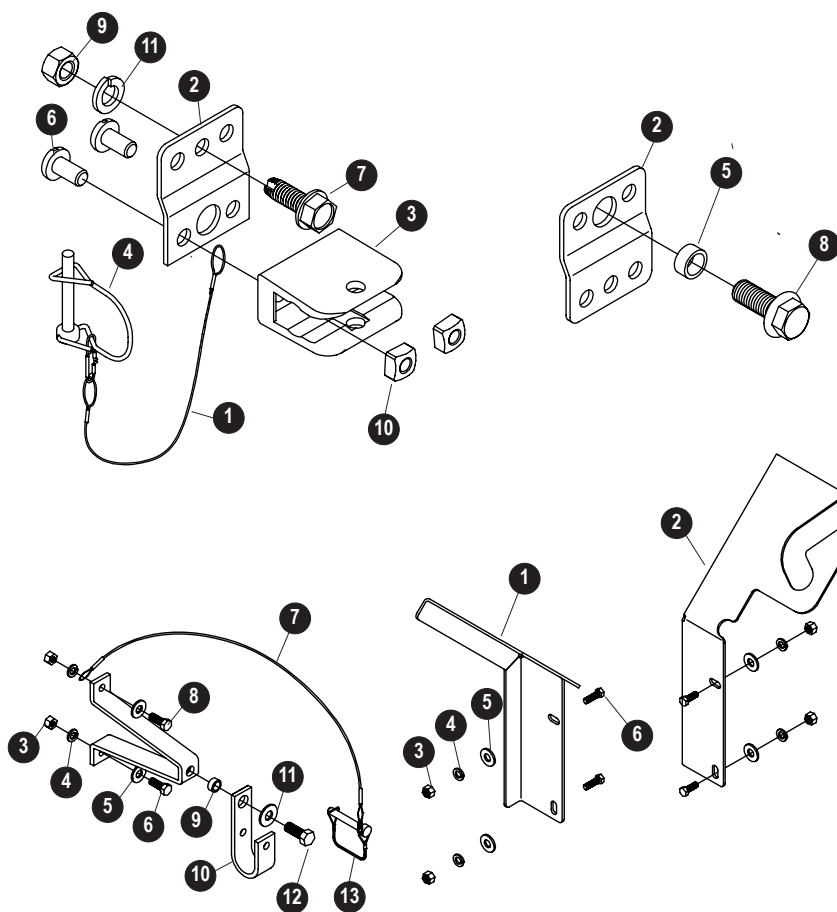
RATCHET STRAPS

| Item | Part # | Description |
|------|---------|--------------------------------|
| 1. | 1703579 | Cap Screw - 3/8" x 1" - SS |
| 2. | 1703576 | Lock Washer - 3/8" - SS |
| 3. | 1200999 | Hex Nut - 3/8" - SS |
| 4. | 1705280 | Cable - 139" - SS |
| 5. | 1118275 | Ratchet Strap Assembly - 18" |
| 6. | 1118276 | Ratchet Strap Assembly - 42" |
| 7. | 1704421 | Ratchet Handle - 2" |
| 8. | 1118272 | Adjustable Ratchet Bracket |
| 9. | 1704429 | Cap Screw - 3/8" x 2 1/2" - SS |
| 10. | 1703577 | Flat Washer - 3/8" - SS |

CRANK ARMS

| Item | Part # | Description |
|------|---------|----------------------------------------------------------------------|
| 1. | 1123812 | Crank Arm Assembly - Telescoping/Indexing - 57" to 94" - SS |
| | 1123816 | Crank Arm Assembly - Telescoping/Indexing - 73" to 112" - SS |
| | 1123820 | Crank Arm Assembly - Telescoping/Indexing - 99" to 138" - SS |
| | 1123824 | Crank Arm Assembly - Telescoping/Indexing - 115" to 154" - SS |
| | 1123828 | Crank Arm Assembly - Telescoping/Indexing - 171" to 204" - SS |
| 2. | 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" |
| 3. | 1123811 | Crank Arm Assembly - Telescoping/Indexing w/Flex - 57" to 94" - SS |
| | 1123815 | Crank Arm Assembly - Telescoping/Indexing w/Flex - 73" to 112" - SS |
| | 1123819 | Crank Arm Assembly - Telescoping/Indexing w/Flex - 99" to 138" - SS |
| | 1123823 | Crank Arm Assembly - Telescoping/Indexing w/Flex - 115" to 154" - SS |
| | 1123827 | Crank Arm Assembly - Telescoping/Indexing w/Flex - 171" to 204" - SS |
| 4. | 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" |
| 5. | 1123829 | Crank Arm - Telescoping/Indexing - Hexagonal - 49" |
| | 1123830 | Crank Arm - Telescoping/Indexing - Hexagonal - 51" |
| | 1123831 | Crank Arm - Telescoping/Indexing - Hexagonal - 60" |
| 6. | 1123832 | Crank Arm - Telescoping/Indexing - Hexagonal - 49" - SS |
| | 1123833 | Crank Arm - Telescoping/Indexing - Hexagonal - 51" - SS |
| | 1123834 | Crank Arm - Telescoping/Indexing - Hexagonal - 60" - SS |
| 7. | 1123835 | Crank Arm - Telescoping/Indexing - 48" |
| | 1123839 | Crank Arm - Telescoping/Indexing - 64" |
| | 1123843 | Crank Arm - Telescoping/Indexing - 90" |
| | 1123847 | Crank Arm - Telescoping/Indexing - 106" |
| | 1123851 | Crank Arm - Telescoping/Indexing - 204" |
| 8. | 1123837 | Crank Arm - Telescoping/Indexing - 48" - SS |
| | 1123841 | Crank Arm - Telescoping/Indexing - 64" - SS |
| | 1123845 | Crank Arm - Telescoping/Indexing - 90" - SS |
| | 1123849 | Crank Arm - Telescoping/Indexing - 106" - SS |
| | 1123853 | Crank Arm - Telescoping/Indexing - 204" - SS |
| 9. | 1118722 | Flex Joint Assembly - 12" |
| 10. | 1123856 | Crank Arm - Telescoping/Indexing - Flex Holder |
| 11. | 1700369 | Cap Screw - 3/8" x 1 3/4" |
| 12. | 1703622 | Cap Screw - 3/8" x 1 3/4" - SS |
| 13. | 1700418 | Centerlock Nut - 3/8" |
| 14. | 1705325 | Centerlock Nut - 3/8" - SS |
| 15. | 1701118 | Spring Pin - 1/4" x 1 3/16" |
| 16. | 1701357 | End Plug - Crank Arm |
| 17. | 1705200 | Crank Arm - Telescoping/Indexing - Spring Clip |
| 18. | 1705197 | Crank Arm - Telescoping/Indexing - Bearing |
| 19. | 1122011 | Crank Arm Assembly - SS |
| 20. | 1122010 | Flex Joint Assembly - SS |
| 21. | 1701468 | Cap Screw - 5/16" x 1 3/4" |
| 22. | 1704334 | Cap Screw - 5/16" x 1 3/4" - SS |
| 23. | 1700419 | Nylon Lock Nut - 5/16" |
| 24. | 1704431 | Nylon Lock Nut - 5/16" - SS |





CRANK RETAINERS - TELESOPING

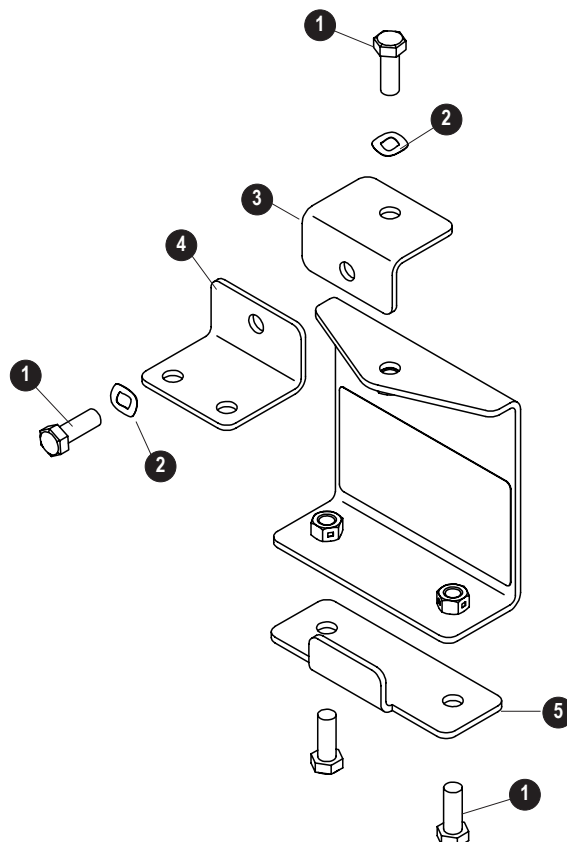
1. 1100574 Cable w/Interlock Snap
2. 1123660 Offset Retainer Bracket
3. 1705259 Crank Retainer - Nylon
4. 1705262 Wire Lock Pin - 1/4" x 2"
5. 1700306 Bushing - 11/16" x .51" x 5/16"
6. 1705260 Pan Hd. Cap Screw - 3/8" x 3/4"
7. 1700400 Self-Tapping Screw - 3/8" x 1"
8. 1702996 Flanged Cap Screw - 1/2"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

CRANK RETAINERS

- | Item | Part # | Description |
|------|---------|-----------------------------------|
| | 1119334 | Crank Retainer Kit - SS |
| 1. | 1119653 | Retainer Bracket - LH |
| 2. | 1119654 | Retainer Bracket - RH |
| 3. | 1200999 | Hex Nut - 3/8" - SS |
| 4. | 1703576 | Lock Washer - 3/8" - SS |
| 5. | 1703577 | Flat Washer - 3/8" - SS |
| 6. | 1703579 | Cap Screw - 3/8" x 1" - SS |
| 7. | 1100574 | Cable w/Snap |
| 8. | 1115511 | Crank Retainer Standoff - 7" - SS |
| 9. | 1100306 | Retainer Bushing |
| 10. | 1118927 | Crank Retainer J-Hook - SS |
| 11. | 1703620 | Flat Washer - 1/2" - SS |
| 12. | 1703619 | Cap Screw - 1/2" x 1 1/4" - SS |
| 13. | 1700526 | Wire Lock Pin |

RETAINER SWIVEL BASE ASSEMBLY

- | Item | Part # | Description |
|------|---------|--------------------------------|
| | 1125203 | Retainer Swivel Base Assembly |
| 1. | 1703579 | Cap Screw - 3/8" x 1" - SS |
| 2. | 1705087 | Wave Washer - 3/8" - SS |
| 3. | 1125209 | Swivel Top Bracket |
| 4. | 1125210 | Swivel Bottom Bracket |
| 5. | 1125208 | Retainer Swivel Bottom Bracket |



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