



Spring-Loaded Roller & Tarp

INSTALLATION INSTRUCTIONS

PHONE: 1.866.748.7435 | FAX: 1.605.665.0501


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SHURCO.com



SAFETY INSTRUCTIONS

At Shurco™, 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 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 Shurco™ dealer.

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

SHUR-CO, LLC TERMS OF SERVICE

ORDER
TERMS AND CONDITIONS



WARRANTY



PATENTS



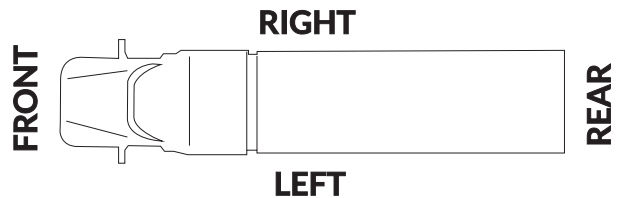
QUESTIONS?

CALL OUR HELP LINE:

1-866-748-7435

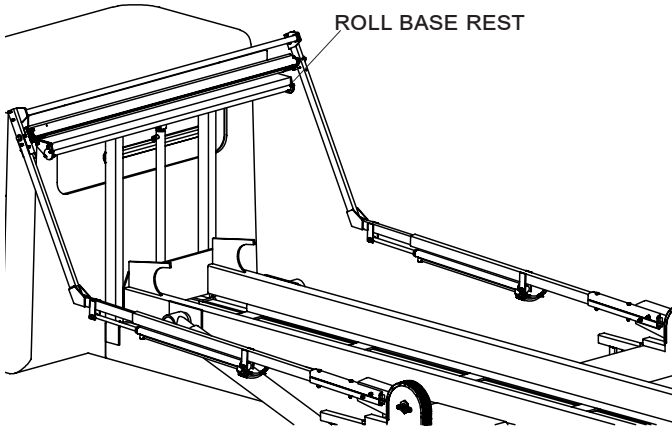
MONDAY-FRIDAY
8 AM-5 PM CENTRAL TIME

VEHICLE ORIENTATION

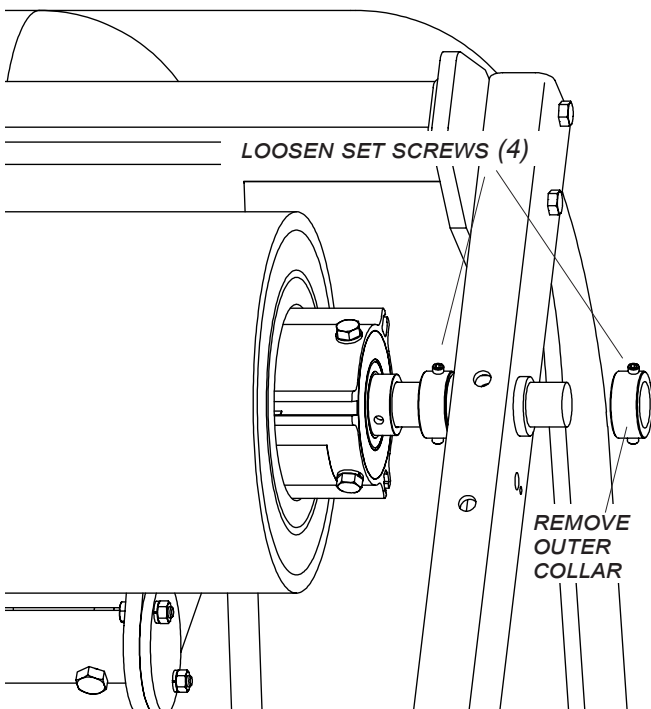


NOTICE: Follow these instructions to remove the existing roller and tarp, and install the spring-loaded roller and tarp.

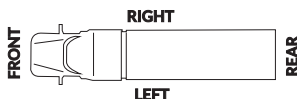
STEP 1: Roll tarp up into roll base rest to obtain minimal spring tension in roller.



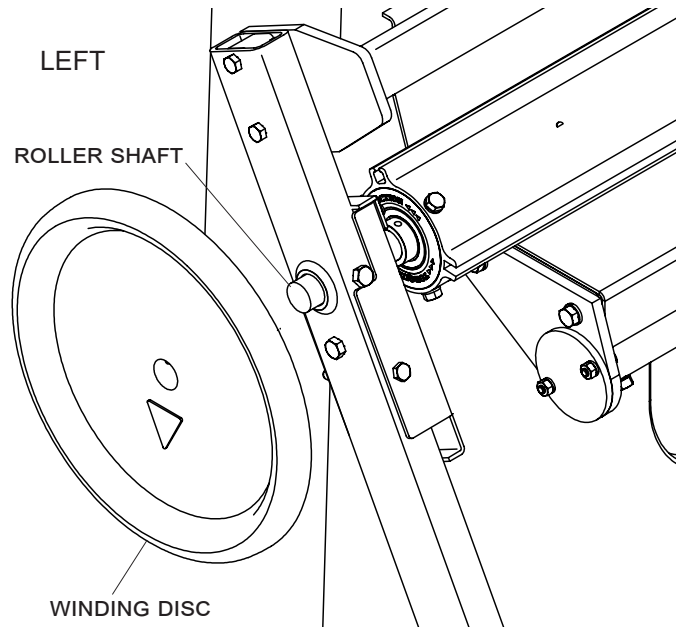
STEP 2: **Shaft collars.** On right side of trailer, loosen all four set screws in shaft collars. Remove outer collar.



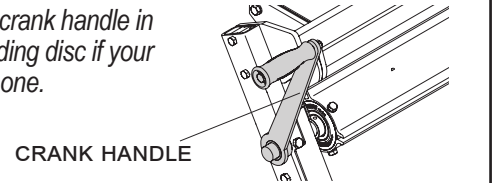
NOTICE: Apply heat to loosen thread locker, if needed.



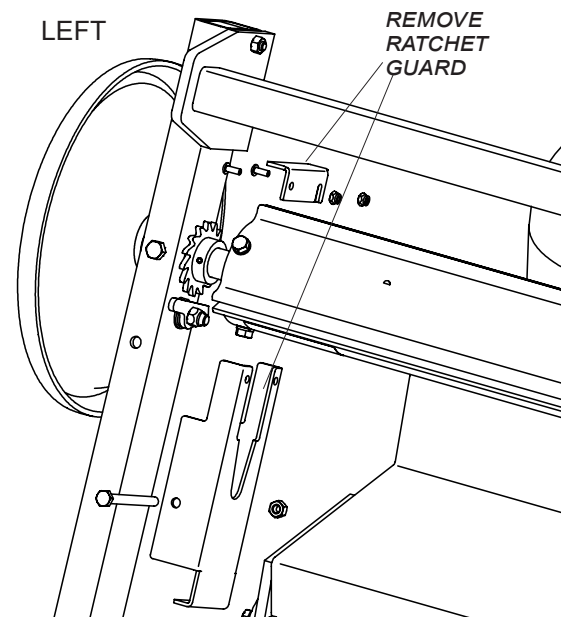
STEP 3: On left side of trailer, slide winding disc or crank handle onto roller shaft. Tighten set screw against shaft to secure.



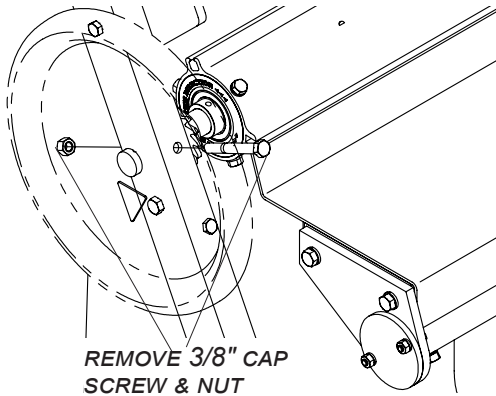
NOTICE: Use a crank handle in place of the winding disc if your system includes one.



STEP 4: On left side of trailer, disassemble, unfasten and remove ratchet guard from arm. Do not discard.

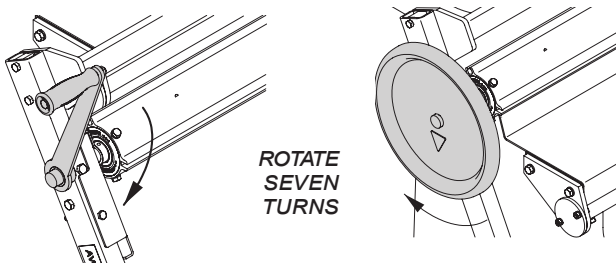


STEP 5: Remove 3/8" cap screw and nut running through arm and roller shaft. Make sure to maintain control of winding disc/crank handle while removing screw.

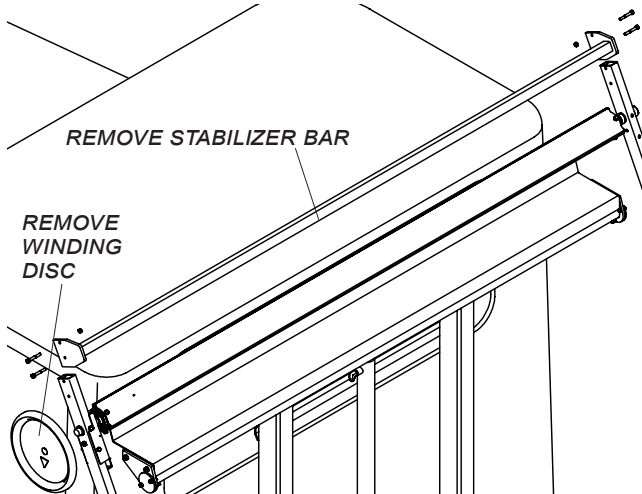


⚠ WARNING
 Maintain a firm grip on the crank handle/winding disc until all tension has been depleted. Losing control of the handle may result in sudden rotation, causing equipment damage, serious injury, or death.

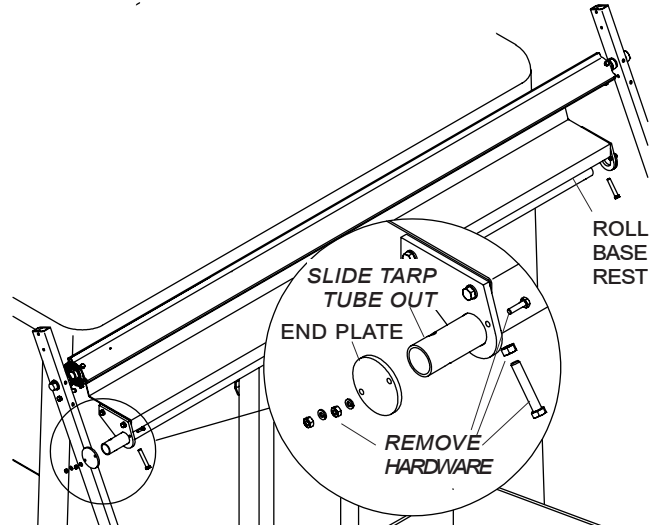
STEP 6: Rotate crank handle or winding disc handle clockwise seven turns or until all tension on spring has been depleted.



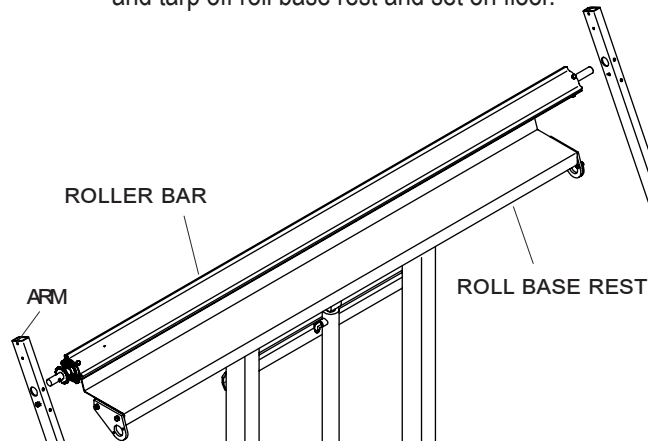
STEP 7: Unfasten and remove stabilizer bar and winding disc or crank handle.



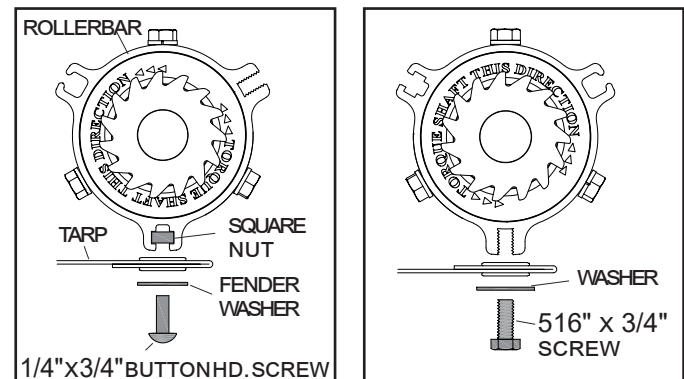
STEP 8: To remove tarp tube from roll base rest, remove 7/16" x 2-1/2" screws and nuts or sheet metal screws holding tarp to tarp tube. On left side of roll base rest, remove two 1/4" x 1" screws and nuts from end plate. Slide tarp tube out of tarp pocket and set aside.



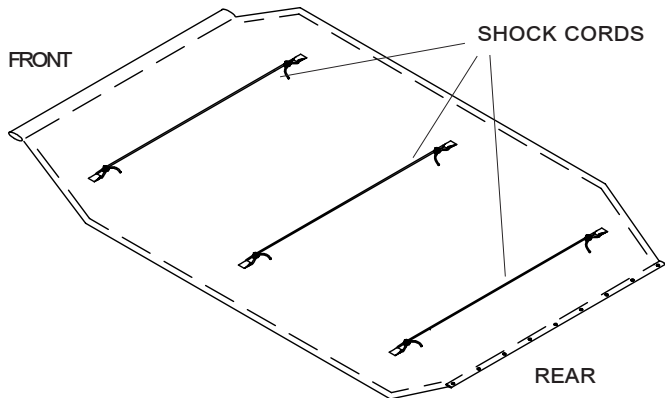
STEP 9: Slide side both arms off roller bar shaft. Lift roller bar and tarp off roll base rest and set on floor.



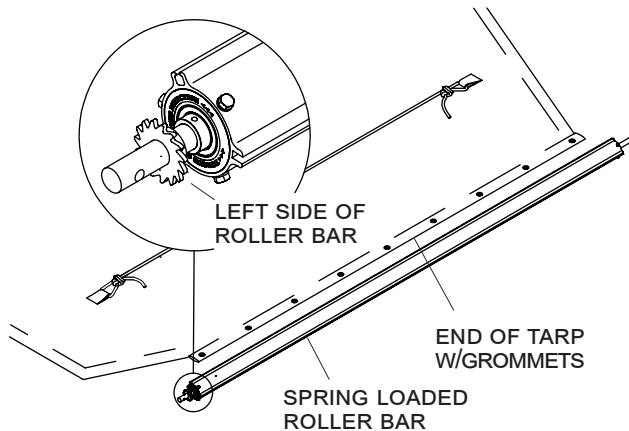
STEP 10: Unroll tarp to expose fasteners on roller bar. Remove fasteners and tarp from roller bar.



STEP 1: Spread new tarp out on floor with reinforced side down and shock cords on top.

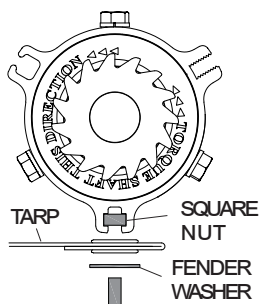


STEP 2: Place spring-loaded roller bar at rear of tarp (with grommets), making sure left side of roller bar (with sprocket) is on left side of tarp as shown.

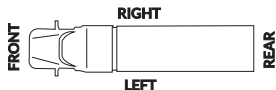
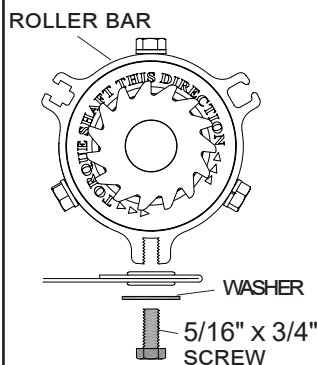


STEP 3: Align center grommet on tarp with center of roller bar and fasten tarp to roller bar through grommets in tarp.

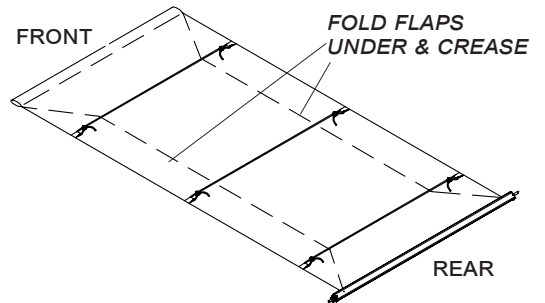
Option 1: Install square nuts into axle groove, then fasten with 1/4" x 3/4" button head screws and fender washers.



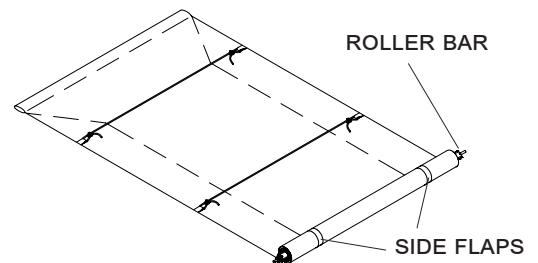
Option 2: Fasten 5/16" x 3/4" screws through washers and grommets into threaded groove.



STEP 4: Fold side flaps under tarp, starting fold at point where tarp is fastened to roller on rear and ending at point where tarp is fastened to tarp tube at front. Apply pressure to fold lines to crease.

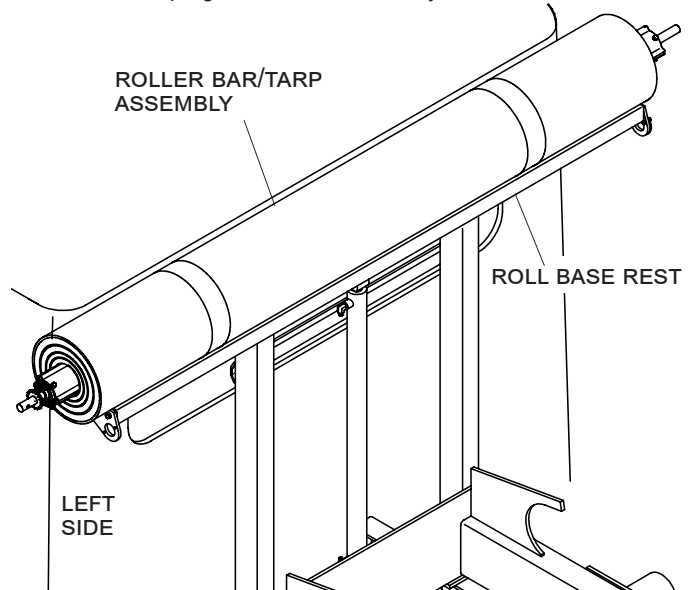


STEP 5: With side flaps folded, roll tarp onto roller bar.



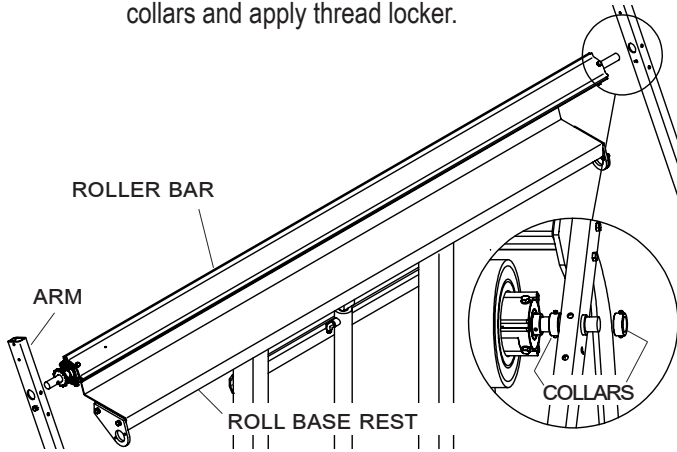
NOTICE: Roller bar must be wider than tarp, and tarp must be wound evenly onto roller.

STEP 6: Place roller bar/tarp assembly on roll base rest, keeping left side of assembly on left side of rest.

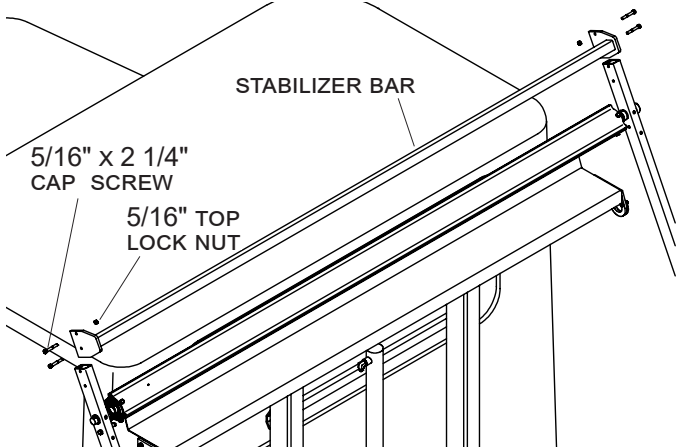


⚠ WARNING
Prevent the roller from falling off the roll base/rest until it is secured to the arms. Injury or equipment damage may occur if not properly secured.

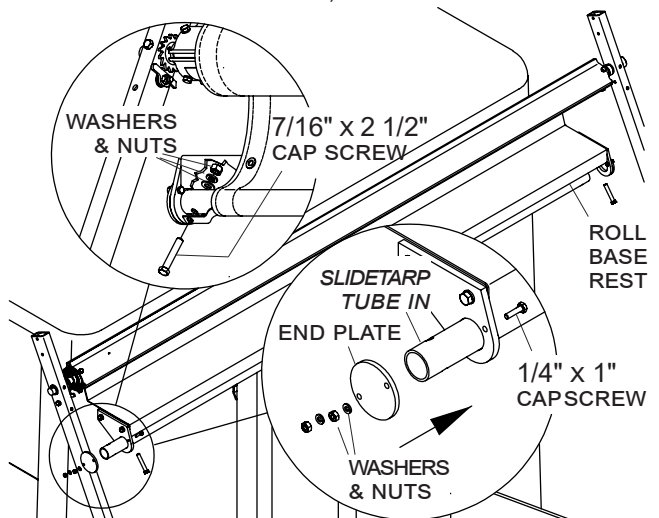
STEP 7: Insert roller bar shaft through holes in arms. On right side, slide collars onto shaft. Tighten set screws on collars and apply thread locker.



STEP 8: Fasten stabilizer bar to arms with 5/16" x 2 1/4" cap screws and top lock nuts.



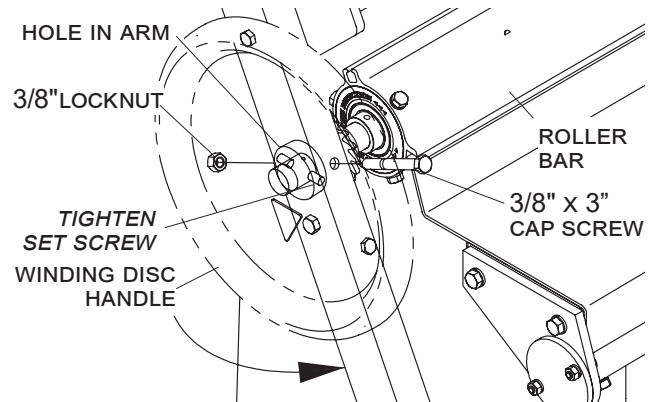
STEP 9: Slide tarp tube into pocket on front of tarp. Fasten front end of tarp to tarp tube with two 7/16" x 2 1/2" cap screws, flat washers, lock washers and nuts. On left side of roll base rest, replace end plate and fasten with 1/4" x 1" screws, lock washers and nuts.



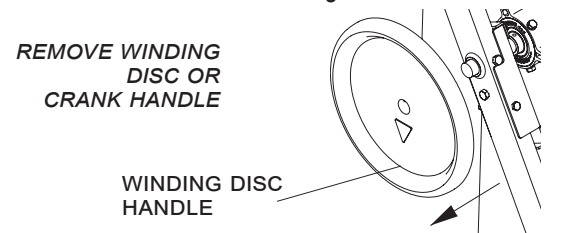
STEP 10: On left side, install winding disc or crank handle onto roller bar shaft and tighten set screw against shaft. Turn winding disc handle seven revolutions counter-clockwise to apply tension to roller bar. Align 3/8" hole in roller bar shaft with 3/8" holes in arm. Hold winding disc securely and insert 3/8" cap screw through aligned holes. Secure with lock nut.

⚠ CAUTION

Maintain a firm grip on the crank handle/winding disc until the cap screw is fully inserted through the arm and the shaft. Losing control of the handle may result in sudden rotation and cause injury or equipment damage.

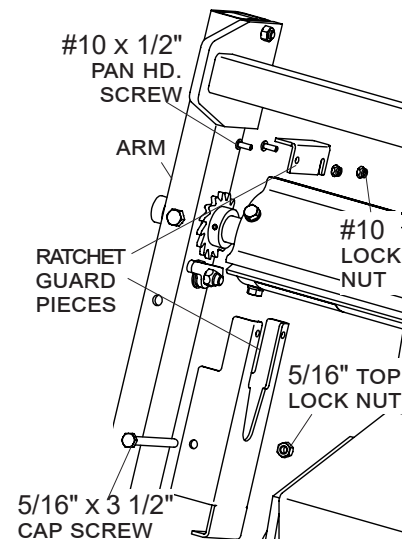


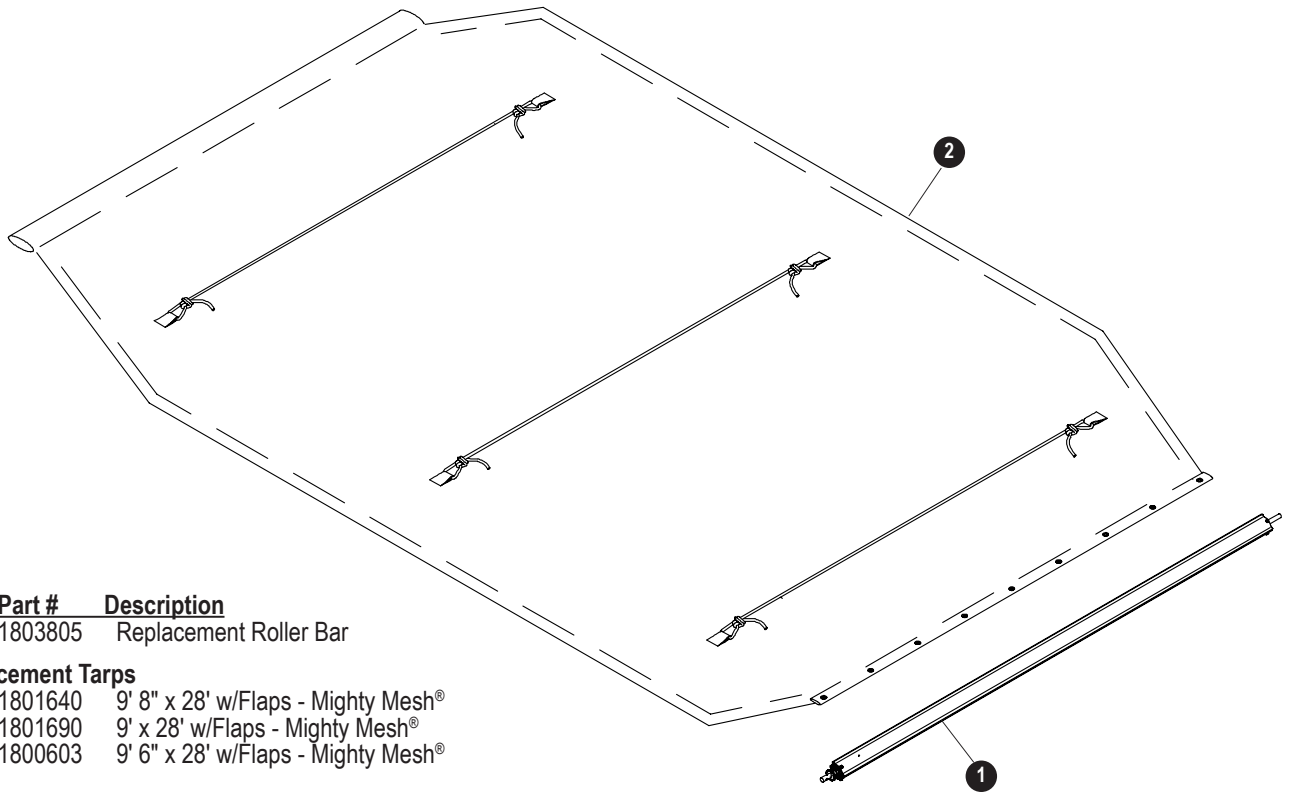
STEP 11: Loosen set screw and remove winding disc or crank handle from roller bar shaft. Store winding disc or crank handle.



STEP 12:

Assemble ratchet guard pieces together around left side of roller bar shaft and fasten with #10 x 1/2" pan head screw and nylon lock nut. Fasten assembly to arm with 3/8" x 2 1/2" cap screw and nylon lock nut and with 5/16" x 3 1/2" cap screw and top lock nut.





Item Part # Description

- 1. 1803805 Replacement Roller Bar

Replacement Tarps

- 2. 1801640 9' 8" x 28' w/Flaps - Mighty Mesh®
- 1801690 9' x 28' w/Flaps - Mighty Mesh®
- 1800603 9' 6" x 28' w/Flaps - Mighty Mesh®

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