

SHURTITE™



Rear Lock ShurTite™ Rolling Tarp System Tensioner

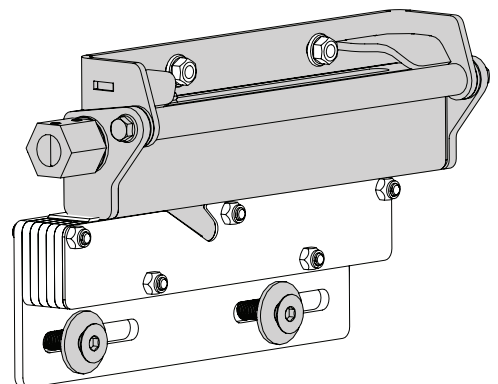
INSTALLATION INSTRUCTIONS

PHONE: 1.866.748.7435 (U.S.) | 1.800.265.0823 (Canada)


FAX: 1.605.665.0501 (U.S.)

2309 SHURLOCK STREET | YANKTON, SD 57078-0713

www.SHURTITE.com | www.SHURCO.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:

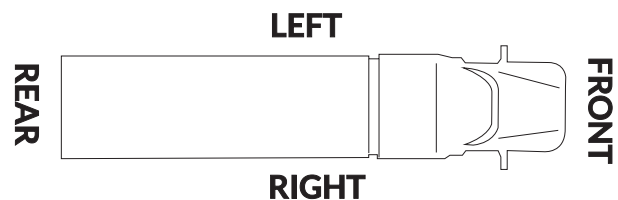
- **Danger:** (red) Indicates an imminently hazardous situation that, if not avoided, **WILL** result in death or serious injury.
- **Warning:** (orange) Indicates a potentially hazardous situation that, if not avoided, **COULD** result in death or serious injury.
- **Caution:** (yellow) Indicates a 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 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****QUESTIONS?**

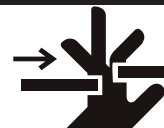
CALL OUR HELP LINE:

1-866-748-7435MONDAY-FRIDAY
8 AM-5 PM CENTRAL TIME**VEHICLE ORIENTATION**

⚠ WARNING

Moving parts create pinch and entanglement hazards. Keep hands, clothing, and objects away from rolling and locking mechanisms during operation. Failure to follow this warning could result in serious injury or death.

⚠ WARNING



- MOVING PARTS HAVE PINCH AND ENTANGLEMENT AREAS.
- STAY CLEAR OF ROLLING AND LOCKING MECHANISMS DURING OPERATION.
- FAILURE TO COMPLY MAY RESULT IN SERIOUS INJURY OR DEATH.

DECAL P/N 1707864-C

NOTICE: This supplemental instruction sheet is designed to integrate with the installation steps in the existing *Magnum Owner's Manual* (PN 2002257). Follow the steps in this sheet alongside the corresponding sections in the manual.

NOTICE: Complete **Step 1** on **page 8** in the *Magnum Owner's Manual*, then proceed with **STEP S1**.

STEP S1: REMOVE OBSTRUCTIONS

At the rear of the trailer, remove the rub rail and posts located between the last two stake pockets on both sides of the trailer.

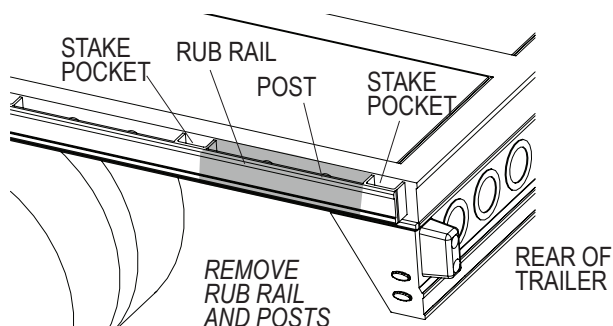


IMAGE 101

NOTICE: Complete all steps up to **page 33** in the *Magnum Owner's Manual*, then proceed with **STEPS S2, S3, S4**.

STEP S2: PLACE BOW GLIDE ASSEMBLY

- Place a bow glide (PN 2002849) next to the rear wheel on the rear bow.
- Using a secured straight edge, align the bow glide flush with the top of the wheels.
- Repeat on the opposite side of the bow.

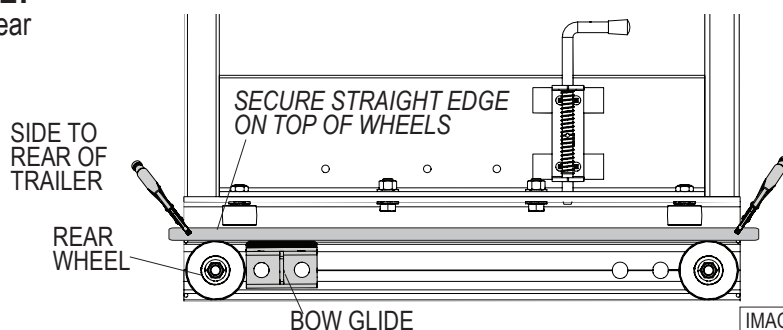


IMAGE 102

STEP S3: MOUNT BOW GLIDE ASSEMBLY

While holding the bow glide firmly against the straight edge, fasten it from the outside of the trailer using two 3/4" thin hex bolts (PN 2002841) and secure it from the inside using 3/4" hex nuts (PN 2000420). Repeat on opposite side.

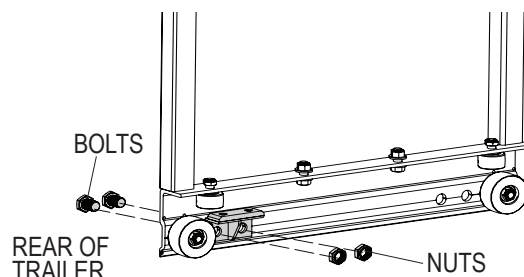


IMAGE 103

STEP S4: MOUNT TENSIONER ASSEMBLY

- On the left side (US driver's side), align the tensioner assembly (PN 2002870) with the existing holes in the bow, as shown in IMAGE 104.
- Insert two 3/8" flange screws (PN 1701563) through the outside of the bow. From inside the bow, secure the open tensioner assembly with flange lock nuts (PN 1704945).
- Repeat STEP S4 on the right (US passenger's side) with tensioner assembly (PN 2002875).

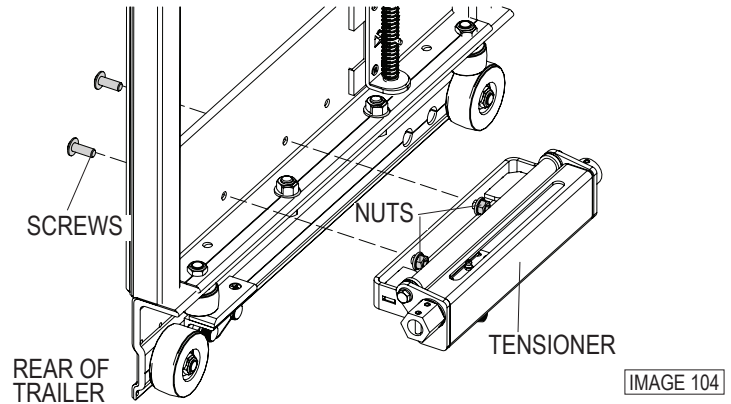


IMAGE 104

NOTICE: Complete all steps up to **page 34** in the *Magnum Owner's Manual*, then proceed with **STEPS S5, S6, S7**.

NOTICE: Before proceeding, verify the trailer length against the trailer detail sheet. For stake pocket trailers: If the Trailer Detail Sheet indicates that the trailer length extends to the rear of the trailer (rather than the stake pocket), measure 11-3/8" from the rear of the trailer instead of the stake pocket.

STEP S5:

- For Non-Stake Pocket Trailers: Measure 11-3/8 inches from the rear end of the trailer, as shown in IMAGE 105.
- For Stake Pocket Trailers: Measure 11-3/8 inches from the inside edge of the rear stake pocket, as shown in IMAGE 106.

- Position the drill guide securely on the track at the measured location.
- Using the drill guide as a template, drill three holes with a 1/2-inch drill bit.
- Repeat STEP S5 on opposite side of the trailer rear.

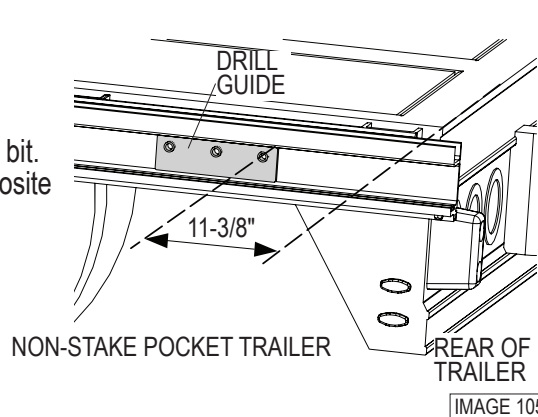


IMAGE 105

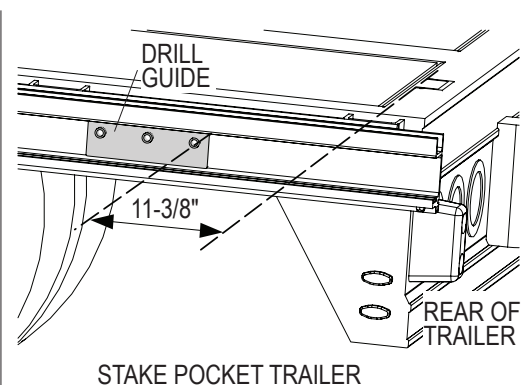


IMAGE 106

STEP S6:

Use drill bit #2001612 to create countersink holes in the three holes drilled in STEP S5.

NOTICE: The bolt head should not be more than 1/32" above the surface. Ensure you do not over-countersink.

DRILL 3 COUNTERSINK HOLES

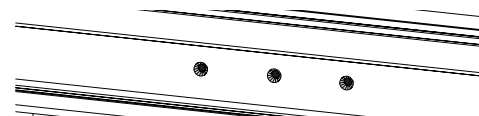


IMAGE 107

STEP S7:

- Driver's Side (Left): Mount hook assembly (PN 2002871).
 - Passenger's Side (Right): Mount hook assembly (PN 2002876).
- Attach each hook assembly by fastening two 1/2" flat bolts (PN 1707833) through the holes drilled in STEP S6, fastening them to the trailer's exterior.
 - Inside the trailer, secure with washers (PN 2002873) and nuts (PN 2000419).

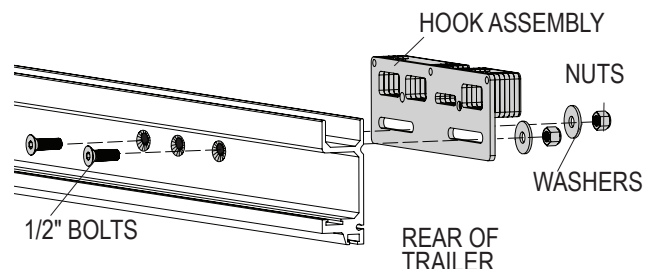


IMAGE 108

NOTICE: Complete all steps up to page 51 in the *Magnum Owner's Manual*, then proceed with **STEP S8**.

STEP S8:

- Attach the hand crank to the tensioner assembly.
- Turn the crank handle clockwise to extend the hook into the engaged position.
- Manually pull the bow back to fully engage the pawl into the hook assembly.
- Confirm that the hook assembly is properly engaged, allowing for maximum tensioning as the system settles over time. If placement is incorrect, loosen the two fasteners and adjust the hook assemblies (PN 2002871 and PN 2002876) forward or backward until properly aligned to ensure correct tensioning of the system and optimal operation of the tensioner. Resecure fasteners.
- Mark fully tensioned point in the area provided on the tensioner decal as a reference for future alignment.

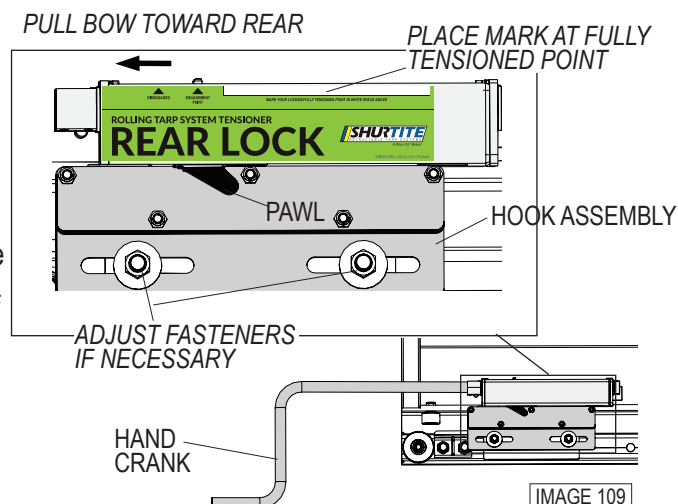
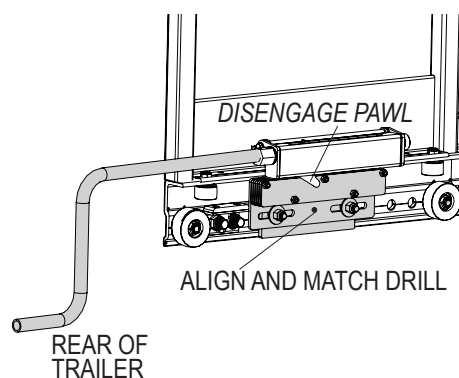


IMAGE 109

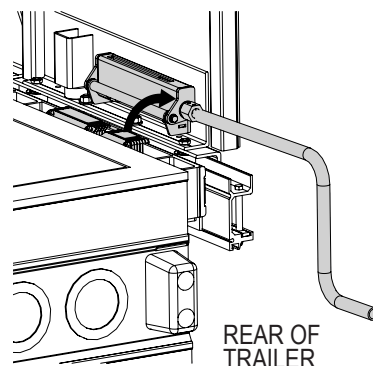
STEP S9: SECURE ASSEMBLY

- When satisfied with the tensioner operation, disengage the tensioner and match drill the center hole through the hook assembly.
- Insert a 1/2" flat bolt (PN 1707833) through the outside of the trailer. From inside the trailer, secure the hook assembly with washer (PN 2002873), and nut (PN 2000419). Repeat on opposite side.



TENSIONER OPERATION

- To unsecure the tarping system:** Rotate the hand crank counterclockwise to retract the hook. Once retracted, pivot the tensioner assembly away from the center of the trailer.
- To secure the tarping system:** Rotate the hand crank clockwise to extend the hook and engage the tensioner assembly securely.



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