



2-Piece Aluminum Top-Mount Arm Kit

INSTALLATION INSTRUCTIONS

**This instruction sheet is intended for use in conjunction with the
Waste Warrior™ Owner's Manual.**

PHONE: Shurco® MICHIGAN MANUFACTURING - 1.800.249.0297
Shur-co, LLC - 1.866.748.7435 | FAX: 1.605.665.0501
2309 SHURLOCK STREET | YANKTON, SD 57078-0713
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:

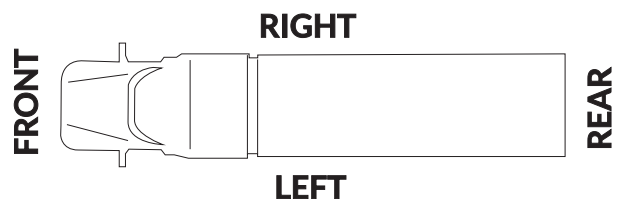
- **Danger**: (red) Indicates an imminently hazardous situation that, if not avoided, **WILL** result in death or serious injury.
- **Warning**: (orange) Indicates a potentially hazardous situation that, if not avoided, **COULD** result in death or serious injury.
- **Caution**: (yellow) Indicates a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

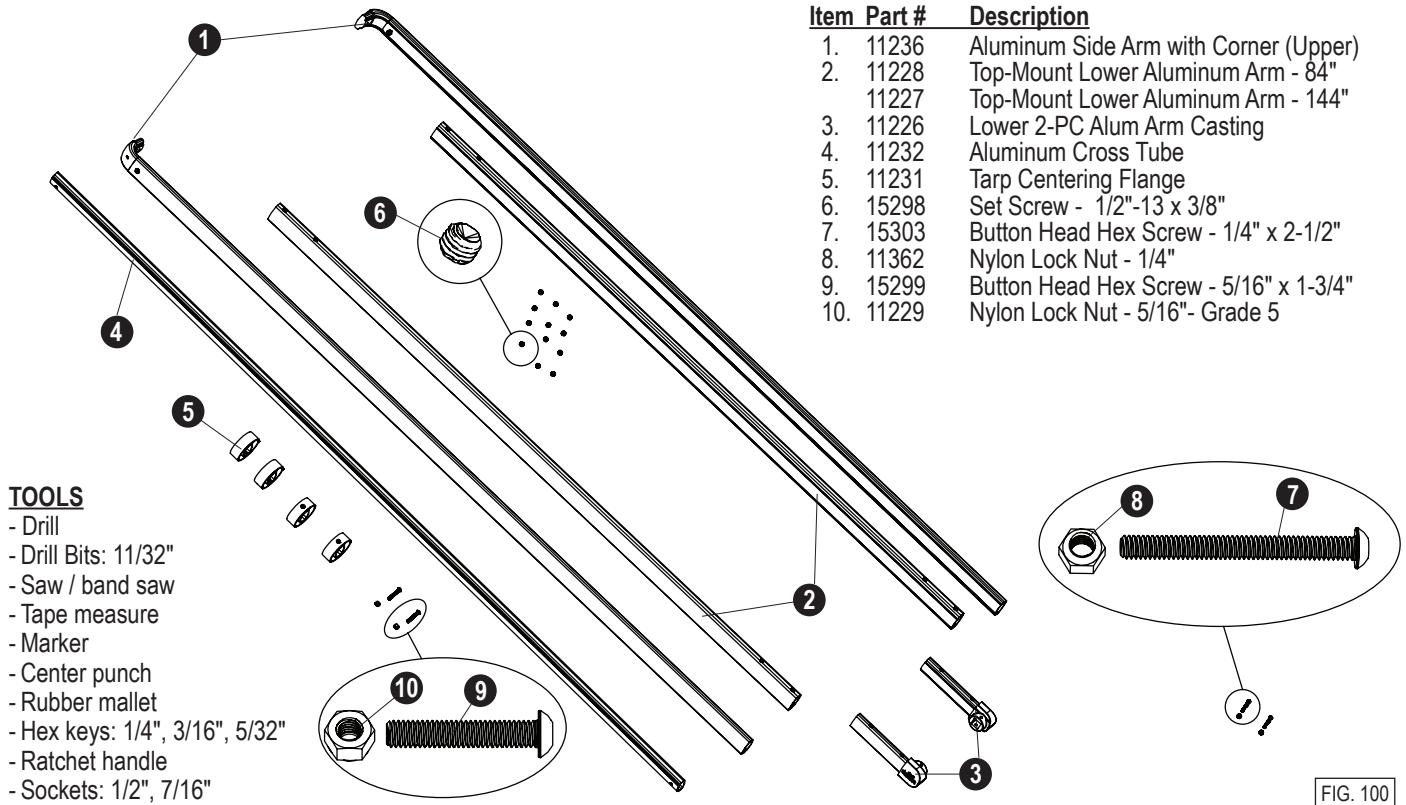
Regularly inspect equipment to ensure proper performance. Always repair or replace worn or damaged parts immediately to maintain safety. Safety decals are placed at critical locations on equipment. Keep these decals clean and legible at all times. Replace any decal that is worn, damaged, painted over 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:

1-800-249-0297MONDAY-FRIDAY
8 AM-5 PM EASTERN TIME**VEHICLE ORIENTATION**



NOTICE: This installation requires two people for safe and efficient completion.



STEP 1: ENGAGE SPRING

Rotate the square shaft by hand until the spring tails engage the upper surface of the spring box, see Figure 101.

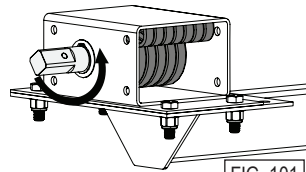


FIG. 101

STEP 2: INSTALL LOWER CASTINGS

- Slide an **arm casting (3)** onto the square shaft. Ensure the casting faces downward and toward the rear of the truck or trailer.
- Install the **button head screw (7)** and **nut (8)**, then tighten.
- Repeat on opposite side.

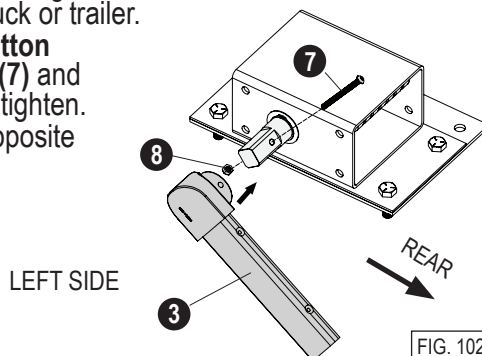


FIG. 102

WARNING

Tarp arms are under tension while torsion springs are engaged. Use caution when assembling and disassembling arms. Failure to read and follow instructions may result in serious injury or death.

STEP 3: INSTALL LOWER ARMS

- Slide the **lower arms (2)** onto the installed **castings (3)**. Depending on the mounting height of the spring boxes, the castings may need to be rotated upward to install the lower arms.
- Secure each lower arm to a casting with four **set screws (6)**, as shown in Figure 103. Tighten the set screws to secure the lower arms and torque to **15 ft-lbs**.

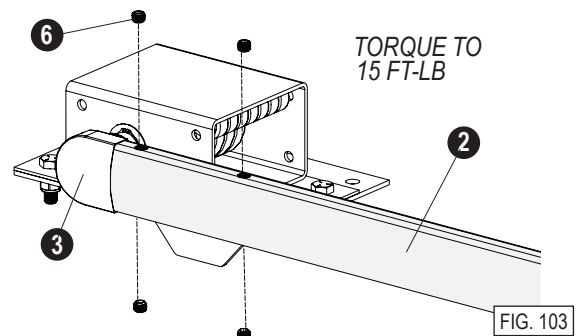
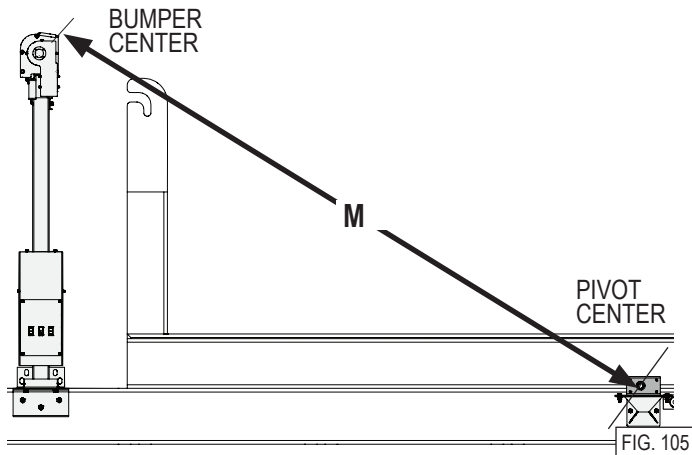


FIG. 103

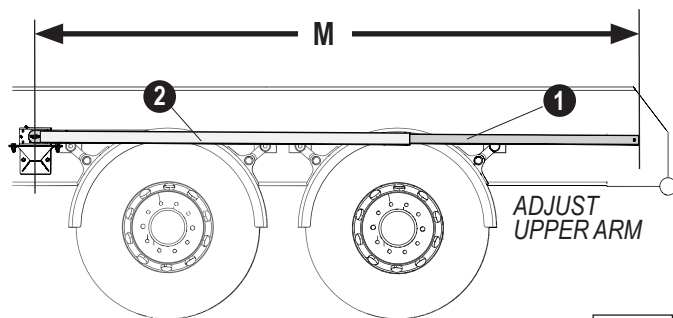
STEP 4: MEASURE ARM LENGTH

Measure distance "M" from the center of the rubber bumper on the gantry to the pivot point center. See Figure 105.



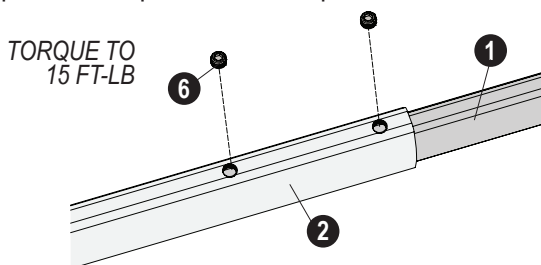
STEP 5: INSTALL UPPER ARMS

- Position the **lower arm (2)** toward the rear of the trailer as shown in Figure 106. Prop arms up for ease of installation. Insert the **upper arm (1)** into the lower arm.
- Adjust the upper arm until the total arm length from the center of the pivot to the top of the 90° corner equals measurement "M". Repeat on opposite side.



STEP 6: SECURE ARMS

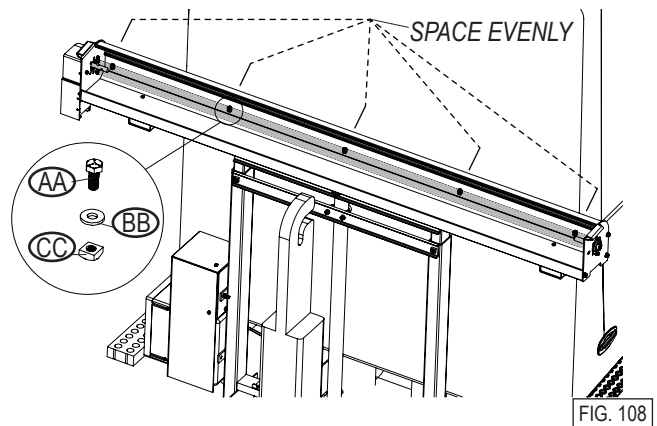
Insert the **set screws (6)** into the upper two holes on each **lower arm (2)**. Tighten the set screws to secure the upper arms in position and torque to **15 ft-lbs**.



NOTICE: Arm lengths must match within 1/4 inch for the tarp to roll properly.

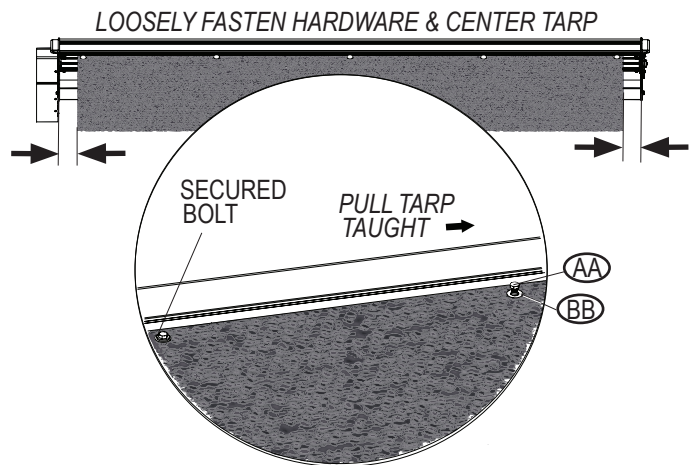
STEP 7: PREPARE TARP & AXLE

- Unbox and unfold the tarp. When installed, the outer webbing reinforcement must face downward. The front of the tarp has five evenly spaced grommets. The rear of the tarp has a 5-inch sewn pocket.
- On the tarp axle, loosen the pre-installed hardware and space the **bolts (AA)**, **washers (BB)** and **nuts (CC)** evenly along the axle slot. See Figure 108.



STEP 8: INSTALL TARP TO AXLE

- Remove **bolts (AA)** and **washers (BB)** from the axle slot. Align the front **tarp grommets** with **nuts (CC)** in the axle slot. Install the bolts and washers, but do not tighten.
- Straighten and center the tarp between the axle end plates. Starting at the center and working toward each end, pull the tarp taut and tighten each set of hardware as you go, ensuring the tarp remains centered.



STEP 9: FIND REAR CROSS TUBE LENGTH

With the arms laying on the ground at the rear of the trailer, measure distance "N" between the raised surface of the upper arm elbows. See Figure 110.

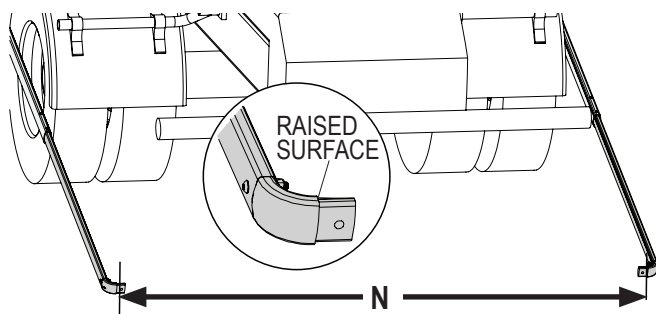


FIG. 110

STEP 10: PREPARE REAR CROSS TUBE

- Cut the **cross tube (4)** to measurement "N". Deburr the cut edge of the cross tube.
- Test fit the cross tube on the **upper arm corners (1)** to verify proper length.
- Measure and mark mounting hole locations. Measure 1 inch inward from each end of the cross tube and mark the center of the tube. Drill holes using an 11/32-inch drill bit.

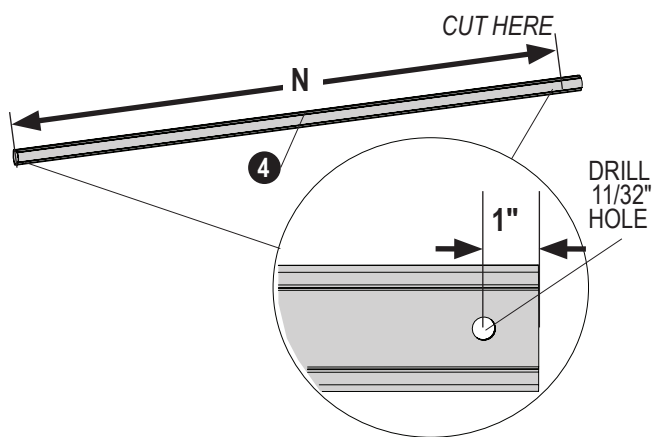


FIG. 111

STEP 11: INSTALL REAR CROSS TUBE

- Slide the **cross tube (4)** through the rear tarp pocket.
- Install two **centering flanges (5)** onto each end of the cross tube.

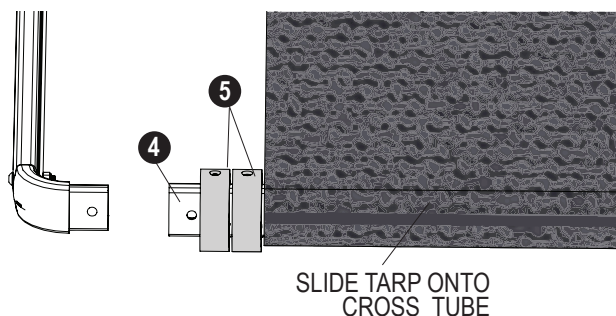


FIG. 112

STEP 12: INSTALL REAR CROSS TUBE

- Insert the **arm corners (1)** into the cross tube. Install the button head **hex screw (9)** and **nuts (10)**. Tighten hardware securely.
- Adjust the **centering flanges (5)** to the tarp edge to keep the tarp centered on the cross tube. Tighten the **set screws** on the centering flanges to secure in position. See Figure 113.

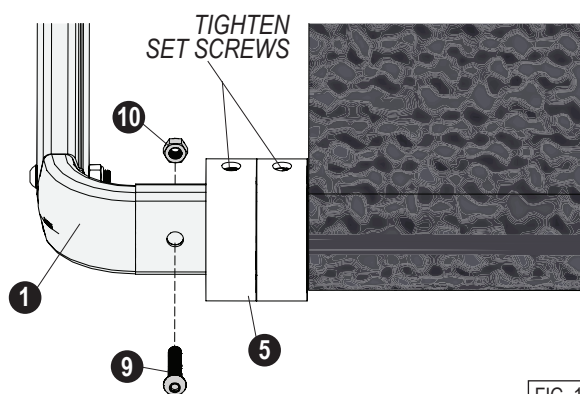


FIG. 113

Continue to *Wiring Instructions* in the Waste Warrior Owner's Manual.

2309 SHURLOCK STREET | YANKTON, SD 57078-0713
PHONE: 1.866.748.7435 | FAX: 1.605.665.0501

PHONE: 1.800.249.0297 | SOUTH HAVEN, MI

SHURCO.com
