



2-Piece Aluminum External Arm Kit

INSTALLATION INSTRUCTIONS

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

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**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:

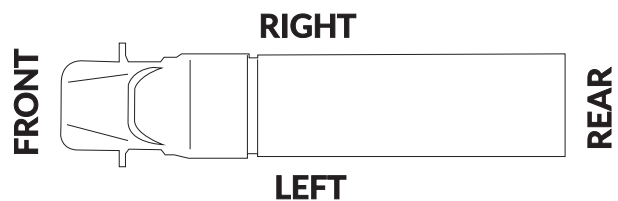
- **Danger**: (red) Indicates an imminently hazardous situation that, if not avoided, **WILL** result in death or serious injury.
- **Warning**: (orange) Indicates a potentially hazardous situation that, if not avoided, **COULD** result in death or serious injury.
- **Caution**: (yellow) Indicates a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

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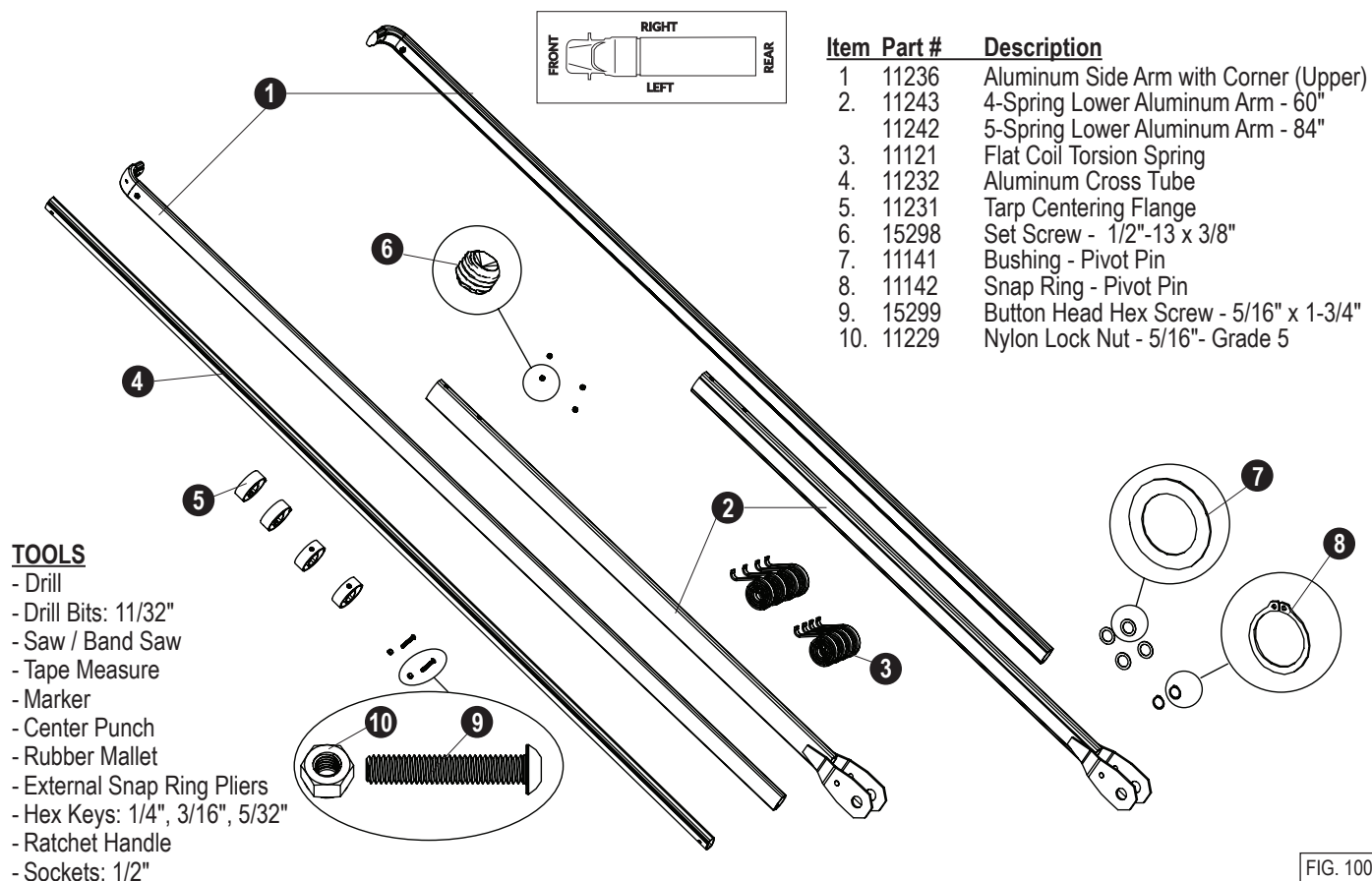


FIG. 100

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



STEP 1: ASSEMBLE SPRINGS

- Install a **bushing (7)** onto the pivot pin.
- Slide the first **lower arm plate (2)** onto the pivot pin.
- Install the **springs (3)** one at a time. Ensure each **spring tab** inserts into the pivot pin slot. Align the arm plates and springs as shown for the right side in Figure 101 and the left side in Figure 102.

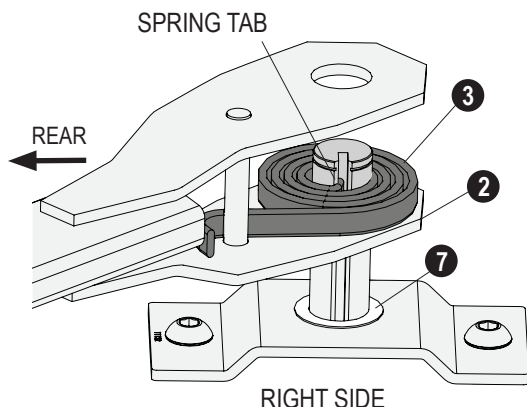


FIG. 101

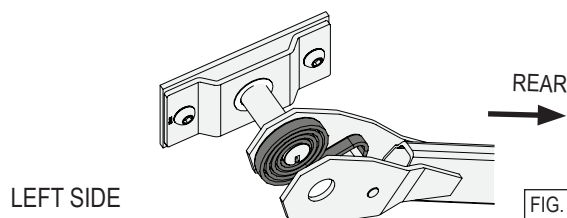


FIG. 102

⚠ 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 2: SECURE SPRINGS

- Slide the second **lower arm plate (2)** onto the pivot pin.
- Install another **bushing (7)**, followed by a **snap ring (8)**. See Figure 103.

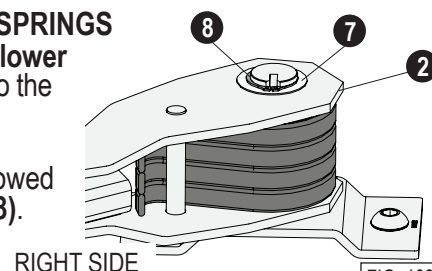


FIG. 103

STEP 3: MEASURE ARM LENGTH

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

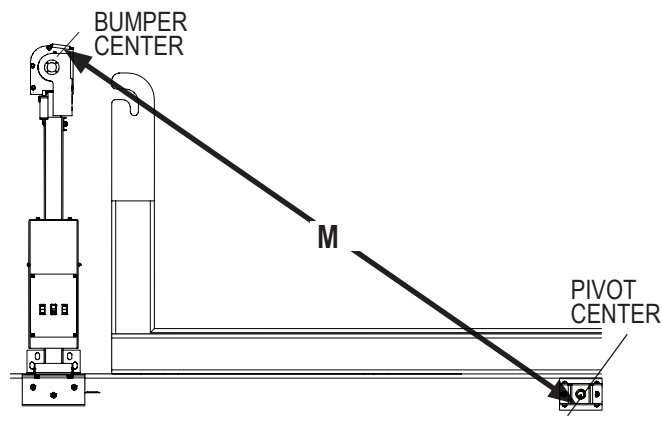


FIG. 105

STEP 4: 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.

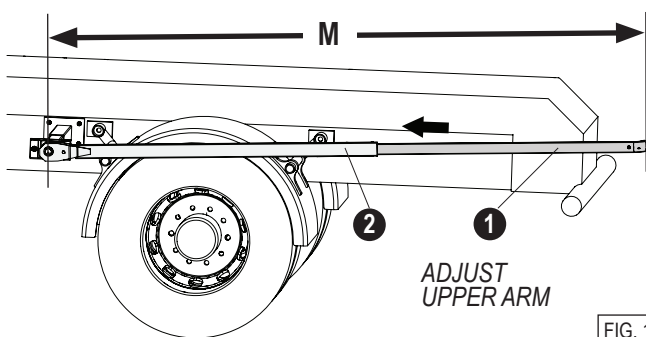


FIG. 106

STEP 5: 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.**

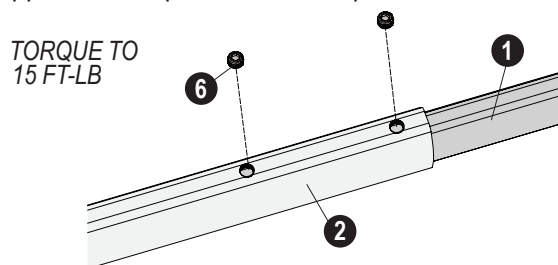


FIG. 107

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

STEP 6: 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.

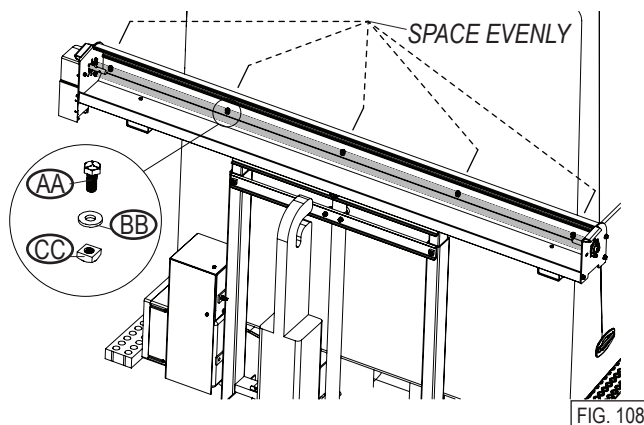


FIG. 108

STEP 7: 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.

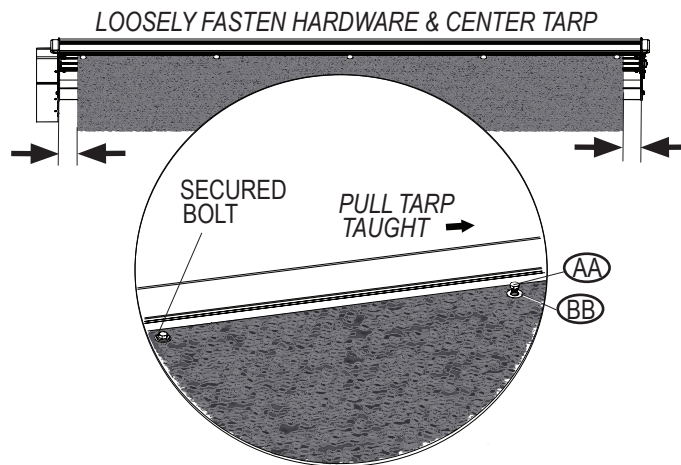


FIG. 109

STEP 8: 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.

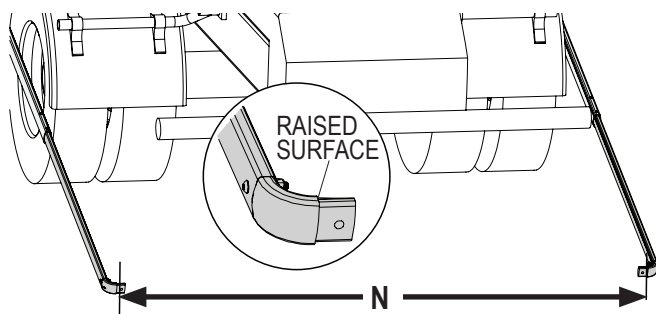


FIG. 110

STEP 9: 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.

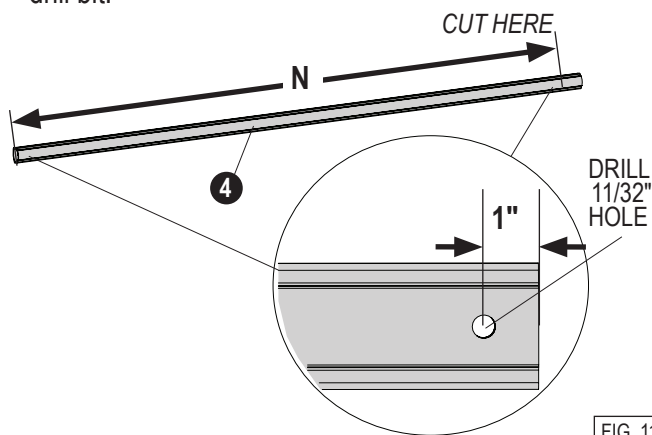


FIG. 111

STEP 10: 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.

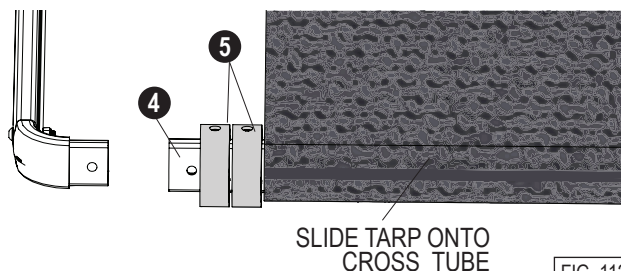


FIG. 112

STEP 11: 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.

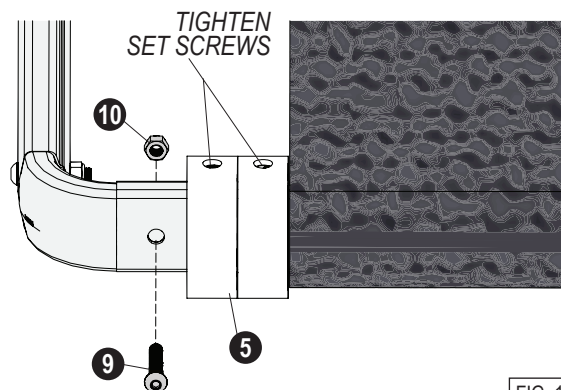


FIG. 113

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

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