



2-Piece Steel Top-Mount 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:

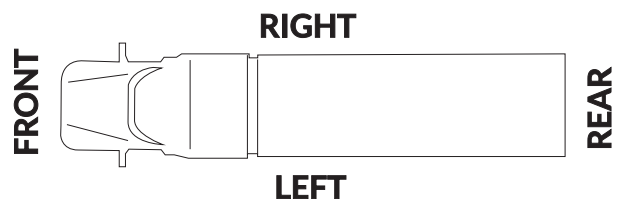
- **Danger**: (red) Indicates an imminently hazardous situation that, if not avoided, **WILL** result in death or serious injury.
- **Warning**: (orange) Indicates a potentially hazardous situation that, if not avoided, **COULD** result in death or serious injury.
- **Caution**: (yellow) Indicates a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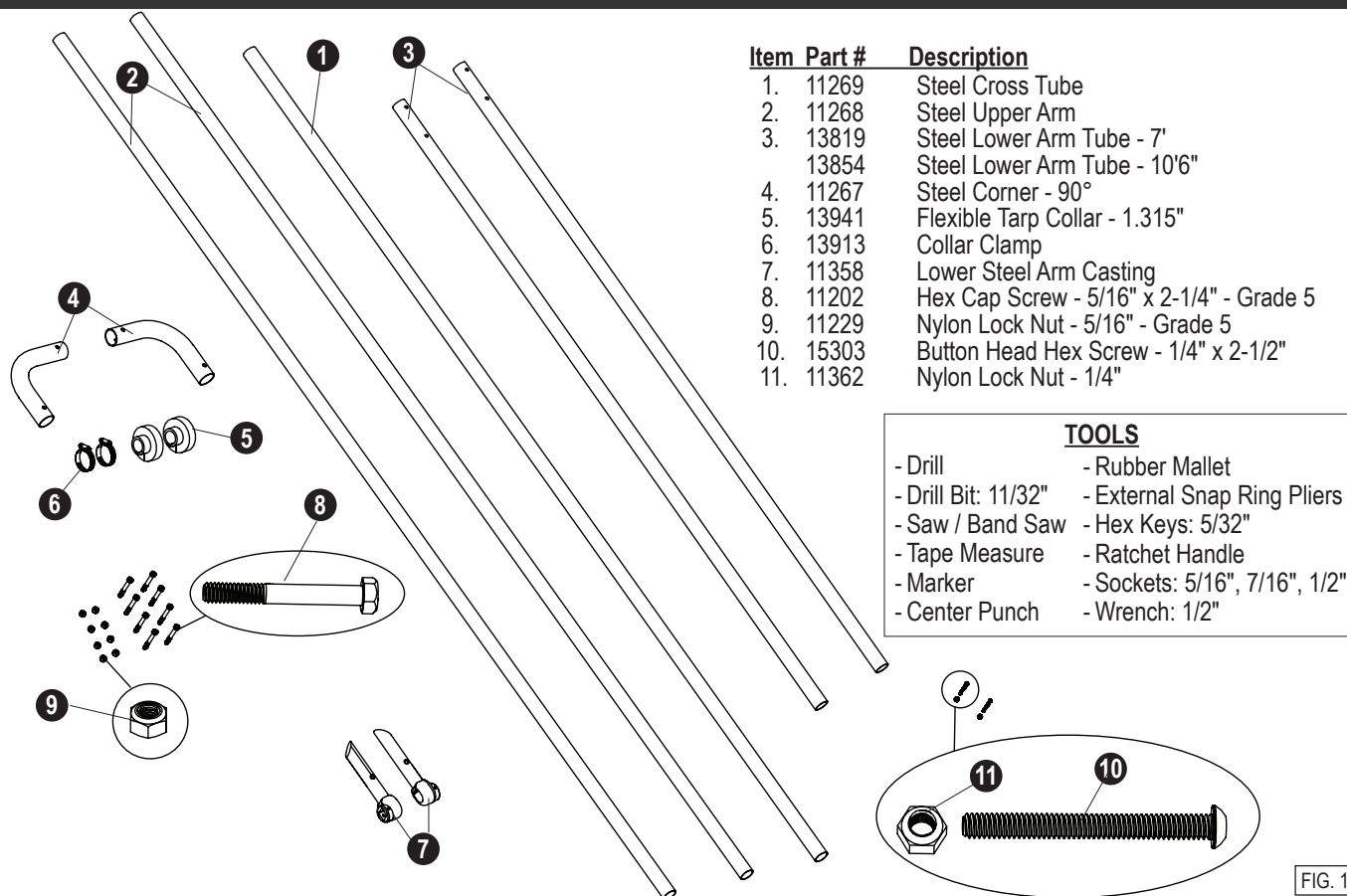


FIG. 100

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



STEP 1: ENGAGE SPRING

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

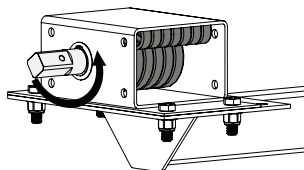


FIG. 101



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: INSTALL LOWER CASTINGS

- Slide an arm casting (7) onto the square shaft. Ensure the casting faces downward and toward the rear of the truck or trailer.
- Install the button head screw (10) and nut (11), then tighten.
- Repeat on opposite side.

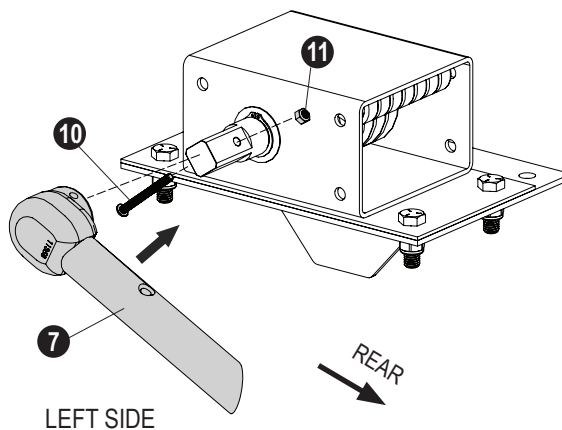


FIG. 102

STEP 3: INSTALL LOWER ARMS

- Locate the end of each lower arm without predrilled holes, measure 2-3/4 inches inward from the end of each **lower arm (3)** and mark the center of the tube. Drill one hole on each arm using a 11/32-inch drill bit.
- Slide the **arms (3)** onto the installed **castings (7)**. The castings may need to be rotated upward to install the lower arms.
- Secure each lower arm to a casting with **hex cap screws (8)** and **nut (9)**, as shown in Figure 103.

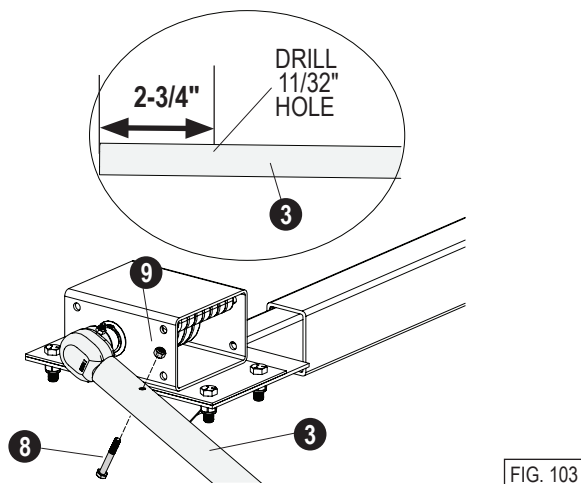


FIG. 103

STEP 4: MEASURE ARM LENGTH

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

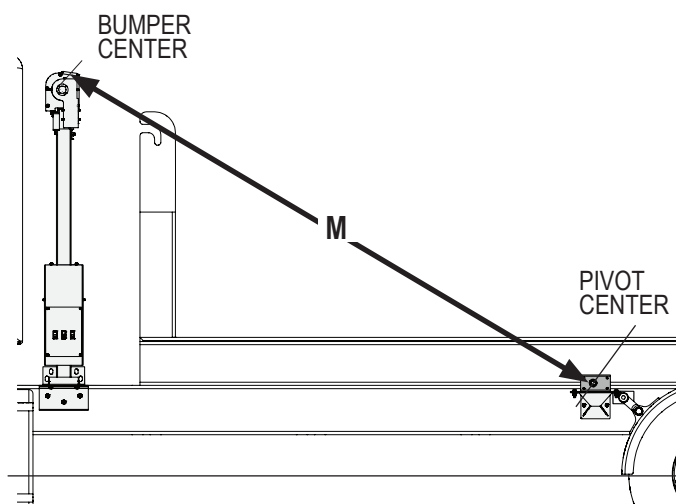


FIG. 104

STEP 5: ATTACH UPPER ARMS AND CORNERS

- Slide the **upper arms (2)** fully into the **corners (4)**. Using a hole in each corner as a guide, match drill a 11/32-inch hole through each upper arm.
- Secure the **upper arms (2)** to the **corners (4)** with **bolts (8)** and **nuts (9)**, as shown in Figure 105.

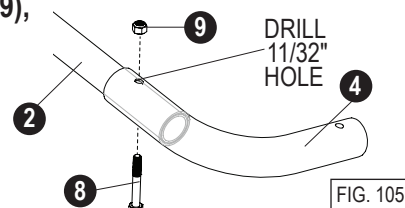


FIG. 105

STEP 6: SECURE UPPER ARMS

- Insert the **upper arms (2)** into the **lower arms (3)**. Adjust the arms until they measure length "M".
- Using the two holes in the lower arms as guides, match drill 11/32-inch holes through each upper arm.
- Secure the **upper arms (2)** to the lower arms (3) with **bolts (8)** and **nuts (9)**, as shown in Figure 106.

NOTICE: The corner end fitting must remain in line with the arm assembly before drilling the mounting holes.

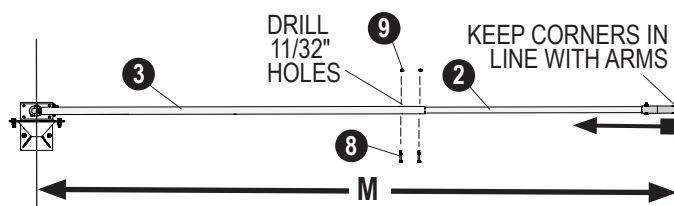


FIG. 106

NOTICE: Keep arm lengths within 1/4 inch for proper tarp roll.

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 on the axle slot. See Figure 107.

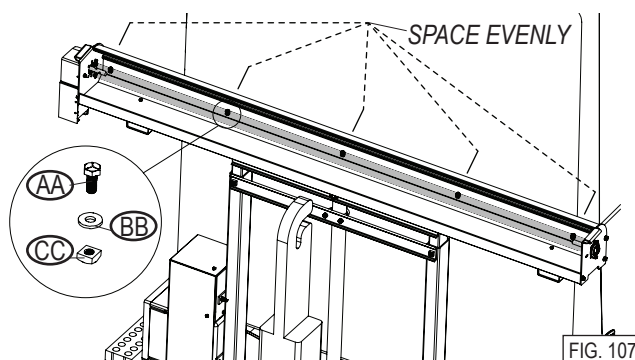


FIG. 107

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.

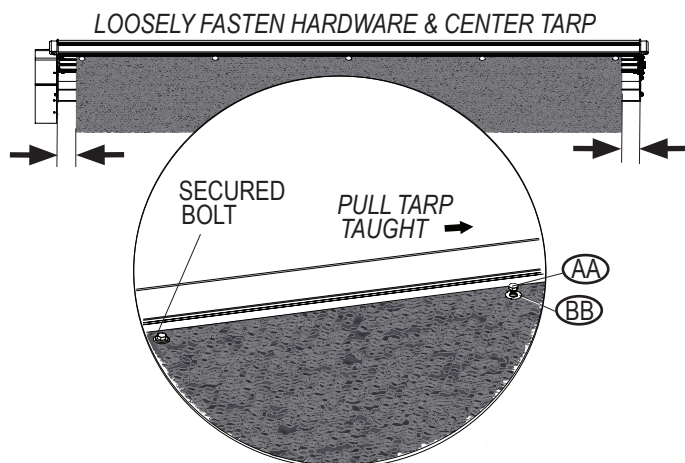


FIG. 108

STEP 9: INSTALL TARP & COLLARS

- Insert the **cross tube (1)** through the rear **tarp pocket**.
- Loosen the screw on **collar clamp (6)**. Slide a **tarp collar (5)** and **collar clamp (6)** onto each end of the **cross tube (1)**.
- Slide the **cross tube (1)** into each **corner (4)**.

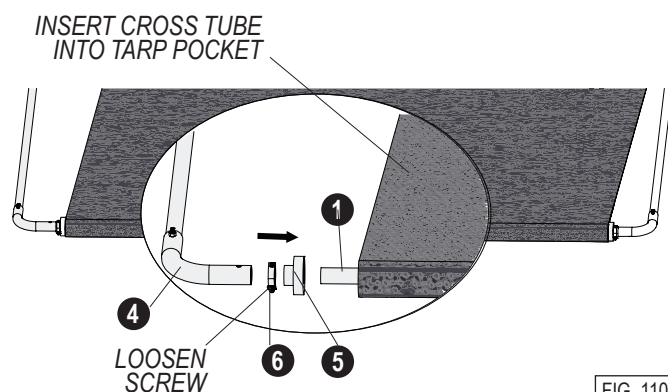


FIG. 110

STEP 10: ALIGN CROSS TUBE

Adjust the **cross tube (1)** and **corners (4)** so the arms are parallel and square.

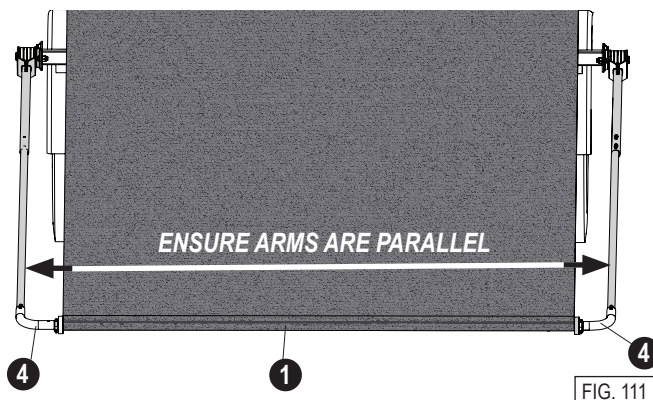


FIG. 111

STEP 11: INSTALL REAR CROSS TUBE

- Using a hole in each **corner (4)** as a guide, match drill a 11/32-inch hole through each end of the **cross tube (1)**.
- Secure the **corners (4)** to the **cross tube (2)** with **bolts (8)** and **nuts (9)**, as shown in Figure 112.
- Ensure the tarp is centered. Adjust both **tarp collars (5)** to the tarp edge to keep the tarp centered on the cross tube. Install the collar clamp on the tarp collar and tighten the **clamp (6) screw** on both tarp collars.

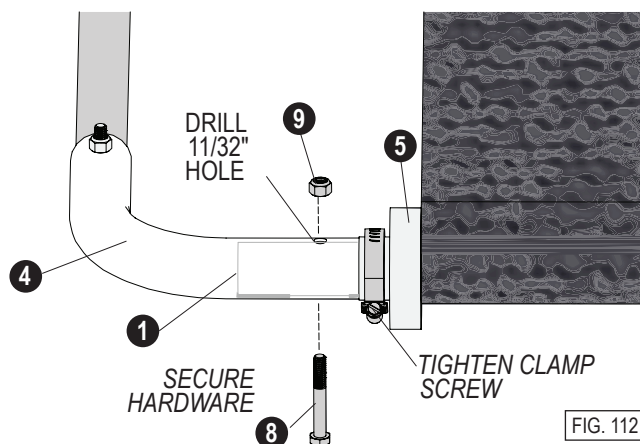


FIG. 112

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

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