



2-Piece Steel External 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
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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:

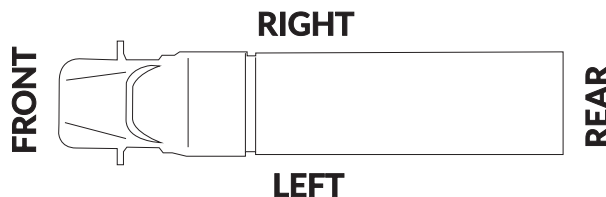
- **Danger**: (red) Indicates an imminently hazardous situation that, if not avoided, **WILL** result in death or serious injury.
- **Warning**: (orange) Indicates a potentially hazardous situation that, if not avoided, **COULD** result in death or serious injury.
- **Caution**: (yellow) Indicates a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

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**

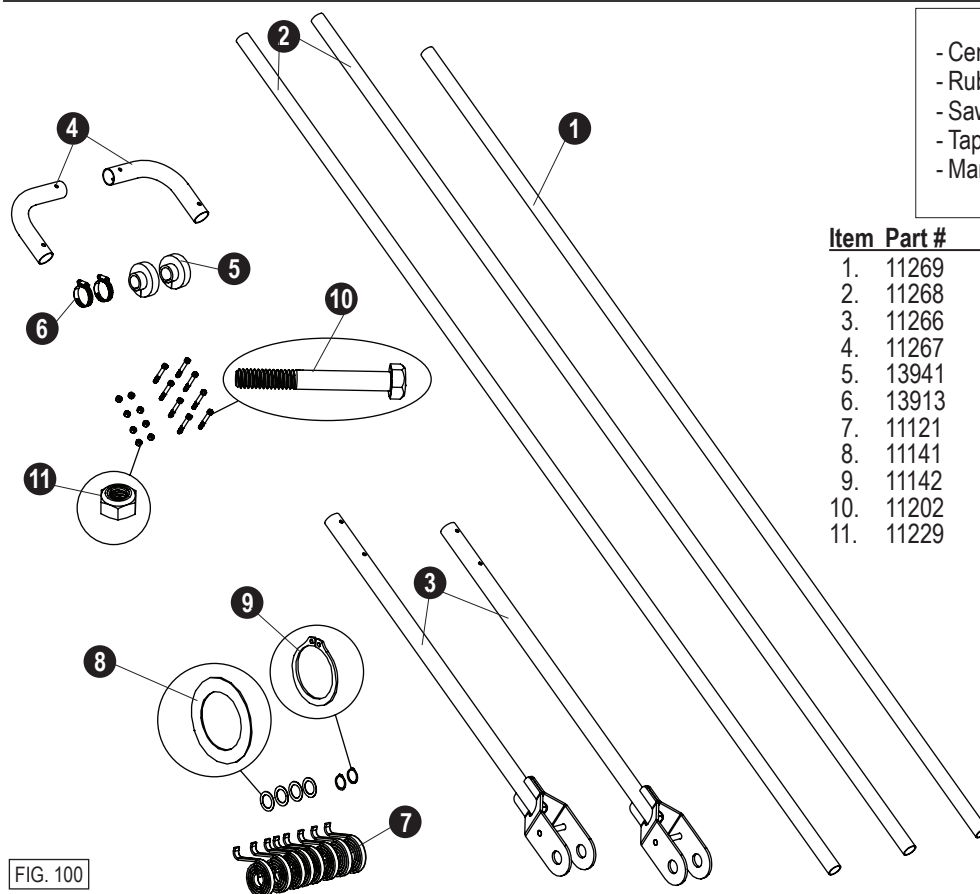


FIG. 100

TOOLS

- Center punch
- Rubber mallet
- Saw / band saw
- Tape measure
- Marker
- Drill
- Drill bit: 11/32"
- External snap ring pliers
- Ratchet handle
- Sockets: 5/16", 1/2"
- Wrench: 1/2"

Item	Part #	Description
1.	11269	Steel Cross Tube
2.	11268	Steel Upper Arm
3.	11266	Steel Lower Arm
4.	11267	Steel Corner - 90°
5.	13941	Flexible Tarp Collar - 1.315"
6.	13913	Collar Clamp
7.	11121	Flat Coil Torsion Spring
8.	11141	Bushing - Pivot Pin
9.	11142	Snap Ring - Pivot Pin
10.	11202	Hex Cap Screw - 5/16" x 2-1/4" - Grade 5
11.	11229	Nylon Lock Nut - 5/16" - Grade 5

⚠ 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.

NOTICE: This installation requires two people for safe and efficient completion. Read all instructions before assembling the arm kit.

**STEP 1: ASSEMBLE SPRINGS**

- Install a **bushing (8)** onto the pivot pin.
- Slide the first **lower arm plate (3)** onto the pivot pin.
- Install the **springs (7)** 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.

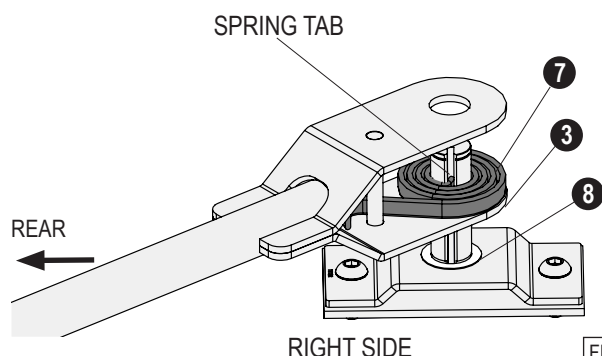


FIG. 101

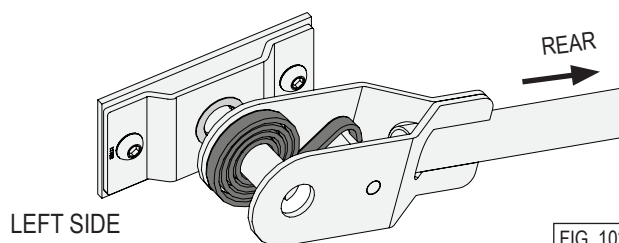


FIG. 102

STEP 2: SECURE SPRINGS

- Slide the second **lower arm plate (4)** onto the pivot pin.
- Install another **bushing (8)**, followed by a **snap ring (9)**. See Figure 103.

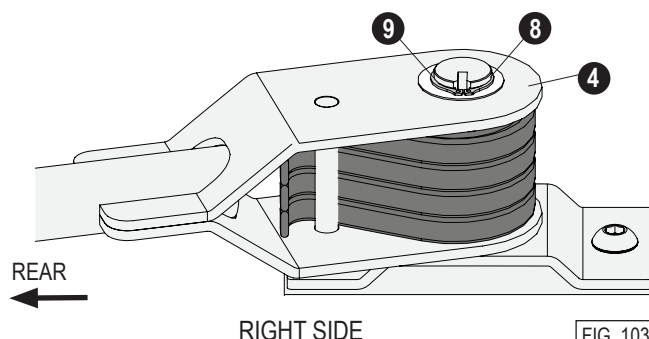


FIG. 103

STEP 3: 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 (10)** and **nuts (11)**, as shown in Figure 105.

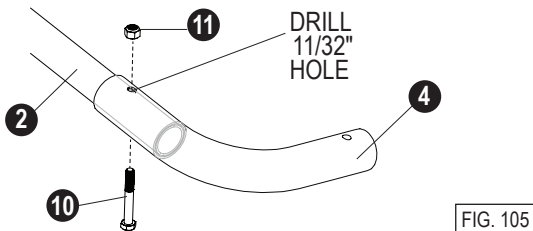


FIG. 105

STEP 4: 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 106.

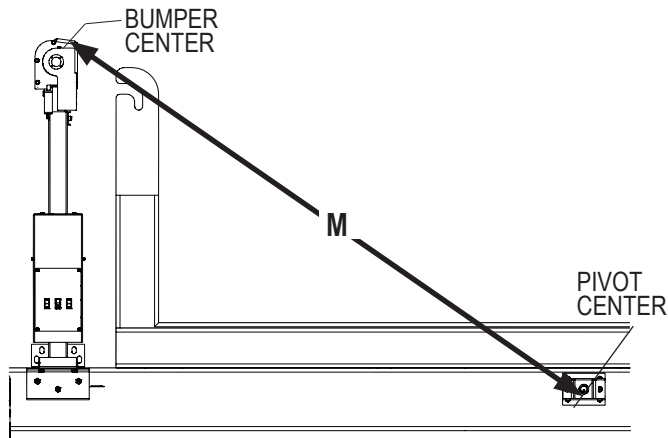


FIG. 106

STEP 5: SECURE 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 (10)** and **nuts (11)**, as shown in Figure 107.

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

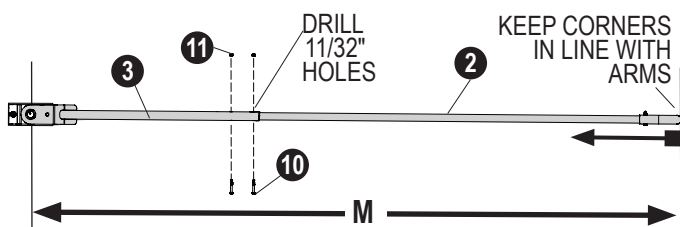


FIG. 107

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 on the axle slot. See Figure 108.

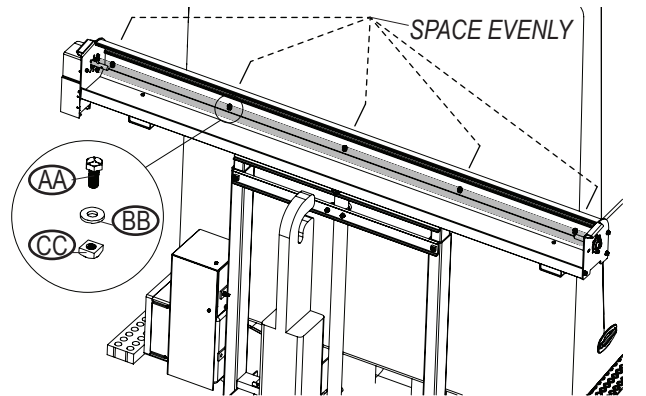


FIG. 108

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.

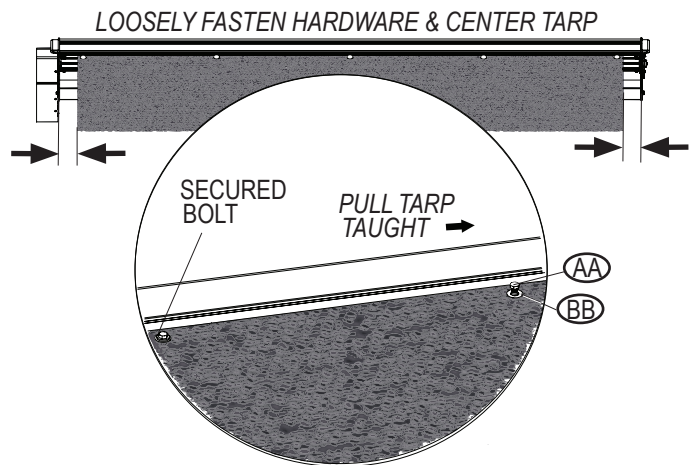
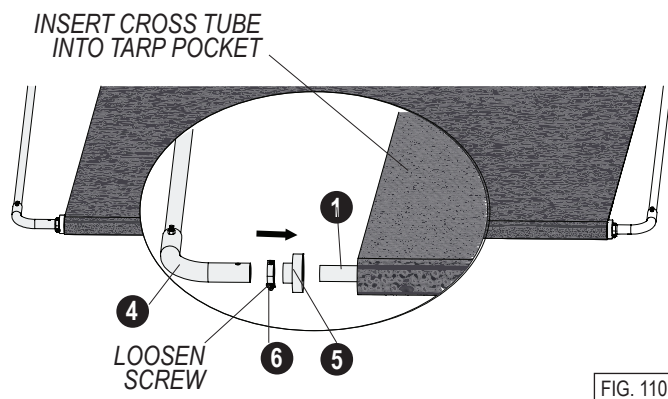


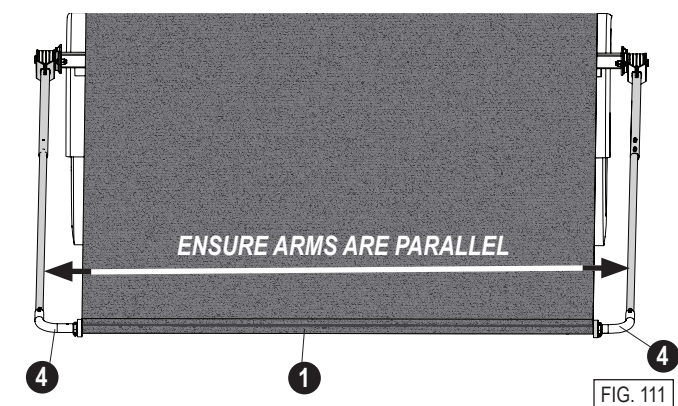
FIG. 109

STEP 8: INSTALL TARP & COLLARS

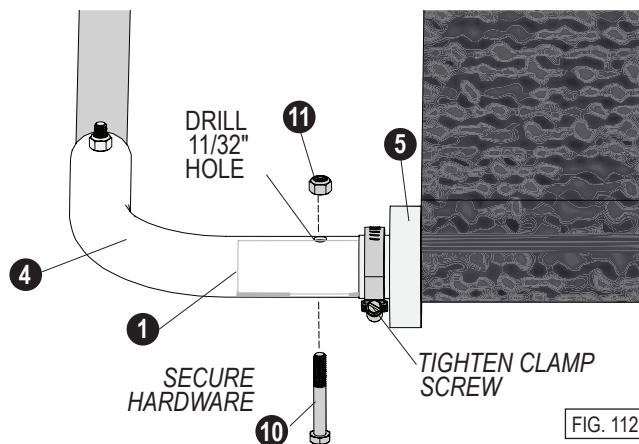
- Insert the **cross tube (1)** through the rear **tarp pocket**.
- Loosen the screw on **collar clamp (6)**. Slide a **tarp collar (5)** and **collar clamp (6)** onto each end of the **cross tube (1)**.
- Slide the **cross tube (1)** into each **corner (4)**.

**STEP 9: ALIGN CROSS TUBE**

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

**STEP 10: 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 (10)** and **nuts (11)**, 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.



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

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