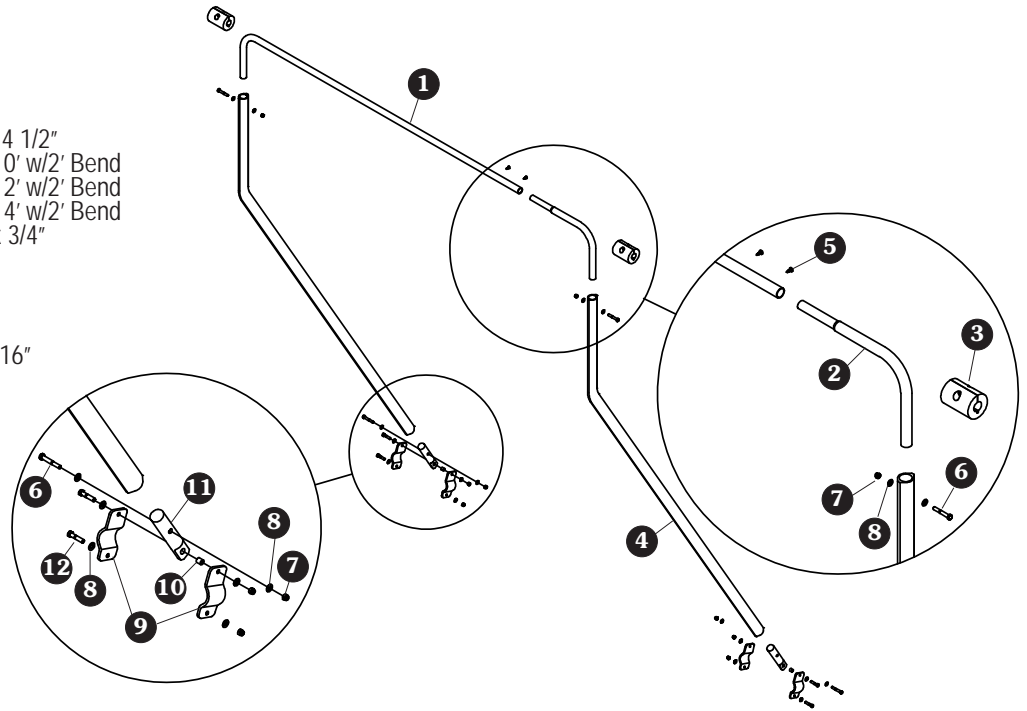
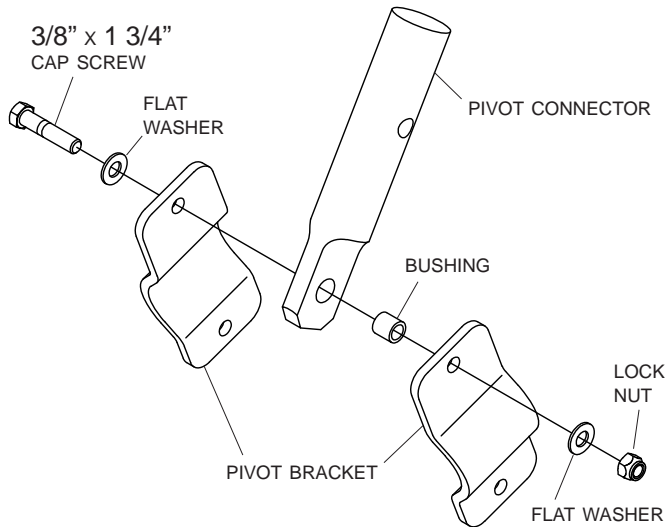


Item	Part #	Description
1.	1118951	Tarp Tube Crossover
2.	1118952	Tarp Tube Elbow
3.	1704458	Rubber Bumper - 3 1/4" x 4 1/2"
4.	1704465	Aluminum Tension Arm - 10' w/2' Bend
	1704466	Aluminum Tension Arm - 12' w/2' Bend
	1704467	Aluminum Tension Arm - 14' w/2' Bend
5.	1700398	Self-Drilling Screw - 1/4" x 3/4"
6.	1702573	Cap Screw - 3/8" x 2 1/2"
7.	1701580	Nylon Lock Nut - 3/8"
8.	1701176	Flat Washer - 3/8"
9.	1120104	Arm Pivot Clamp Bracket
10.	1704643	Bushing - 9/16" x 3/8" x 9/16"
11.	1704642	Arm Pivot Connector
12.	1700369	Cap Screw - 3/8" x 1 3/4"

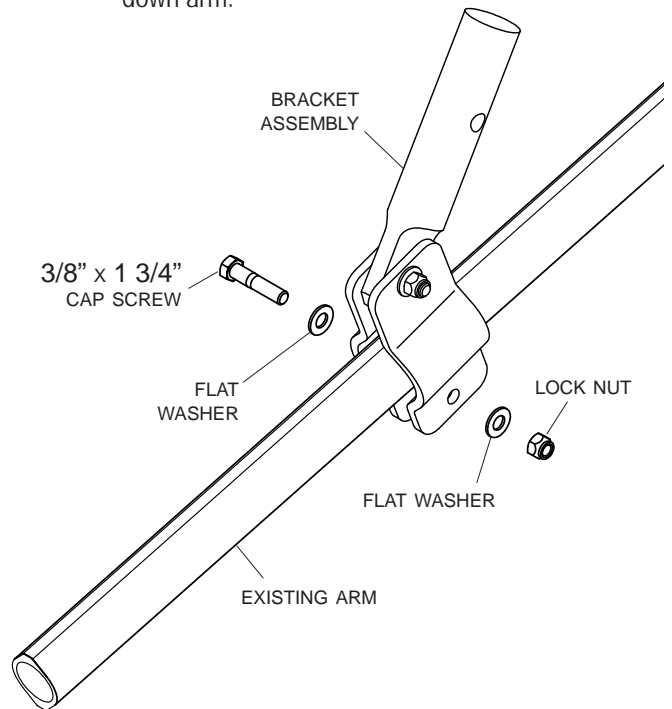


NOTE: See Arm-Matic™ Owner's Manual for complete installation instructions.

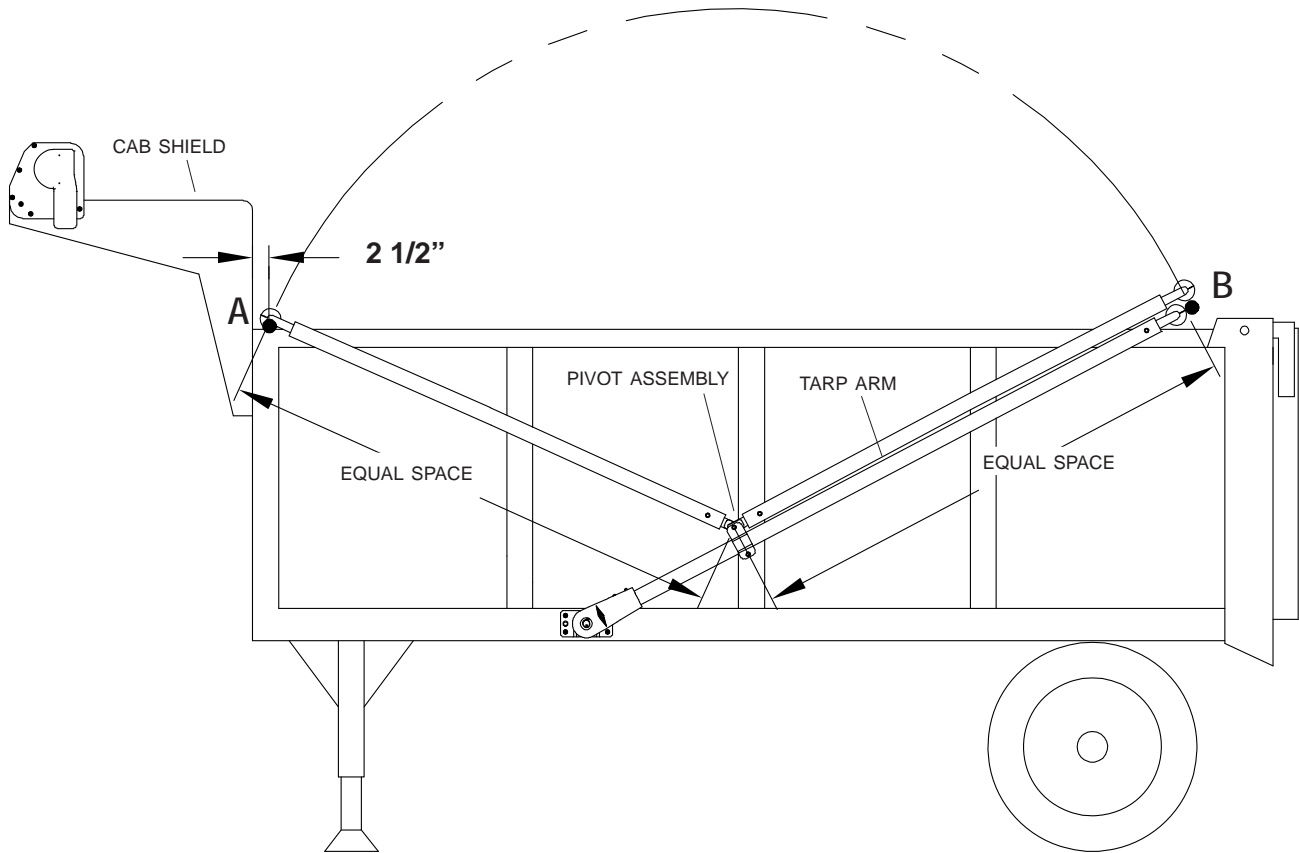
STEP 1: Assemble pivot connector to pivot bracket sections with 3/8" x 1 3/4" cap screw, washers, spacer bushing and lock nut. Leave connection loose enough to allow brackets to slide over return arms.



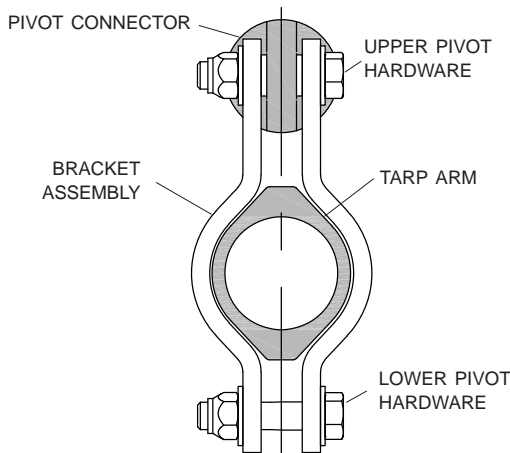
STEP 2: Install bracket assembly onto existing arm with 3/8" x 1 3/4" cap screw, washers and lock nut, leaving brackets loose enough to allow assembly to slide easily up and down arm.



STEP 3: Determine tension arm pivot location. Move pivot assembly until it is the same distance from points A and B as shown. Allow 2 1/2" clearance between cab shield and point A. Point B is located at the back surface of the existing tarp tube.

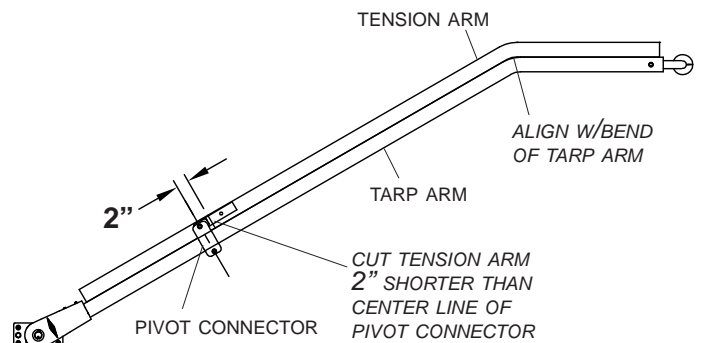


STEP 4: Align bracket assembly vertically as shown and clamp brackets to tarp arm by first tightening upper, then lower pivot hardware. Mount second pivot connector assembly in same location on other arm.



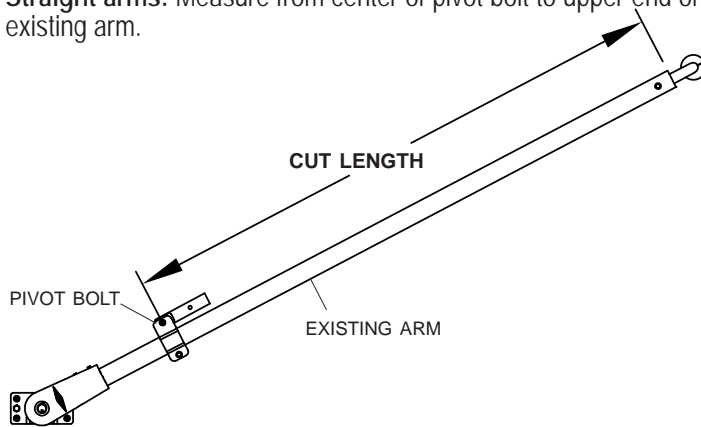
STEP 5A: Determine tension arm length.

Bent arms: Mark top of existing arm on center line of pivot connector. Remove pivot connector. Lay tension arm over top of tarp arm, aligning bend in tension arm with bend in tarp arm. Transfer mark onto tension arm at pivot point center line. Cut tension arms 2" shorter than center line of pivot connector.

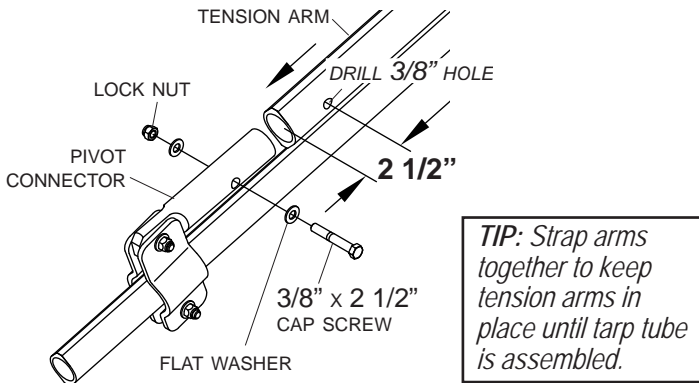


STEP 5B: Determine tension arm length.

Straight arms: Measure from center of pivot bolt to upper end of existing arm.



STEP 6: Drill 3/8" hole 2 1/2" from lower end of tension arms. Fasten arms to pivot connectors with 3/8" x 2 1/2" cap screws, flat washers and lock nuts.



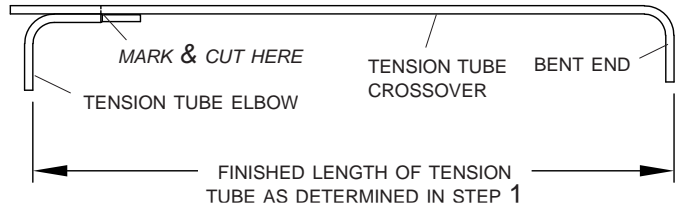
TIP: Strap arms together to keep tension arms in place until tarp tube is assembled.

STEP 7: Determine finished tension tube length. Measure center-to-center distance between tarp arms.

External Springs:
 4-SPRING TENSION TUBE LENGTH = INSIDE DISTANCE BETWEEN PIVOT ASSEMBLIES + 5"
 5-SPRING TENSION TUBE LENGTH = INSIDE DISTANCE BETWEEN PIVOT ASSEMBLIES + 5 3/8"

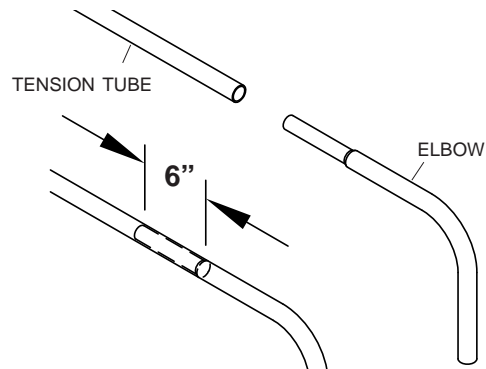
Underbody Spiral Springs:
 TENSION TUBE LENGTH = OUTSIDE DISTANCE BETWEEN SPRING SHAFTS - 1"

STEP 8: Overlap tension tube elbow and tension tube crossover as shown. Hook tape measure over bent end of tension tube and measure to inside edge of elbow. Adjust position of elbow along tension tube until elbow is positioned to attain finished tension tube length as determined in step 1. Mark and cut tension tube as shown.

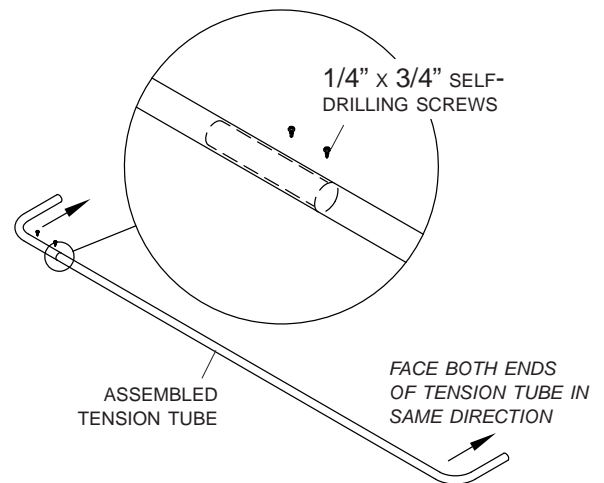


STEP 9: Insert elbow 6" into tube.

NOTE: Deburr inside of tension tube or elbow if splice tube will not easily slide into tension tube or elbow.

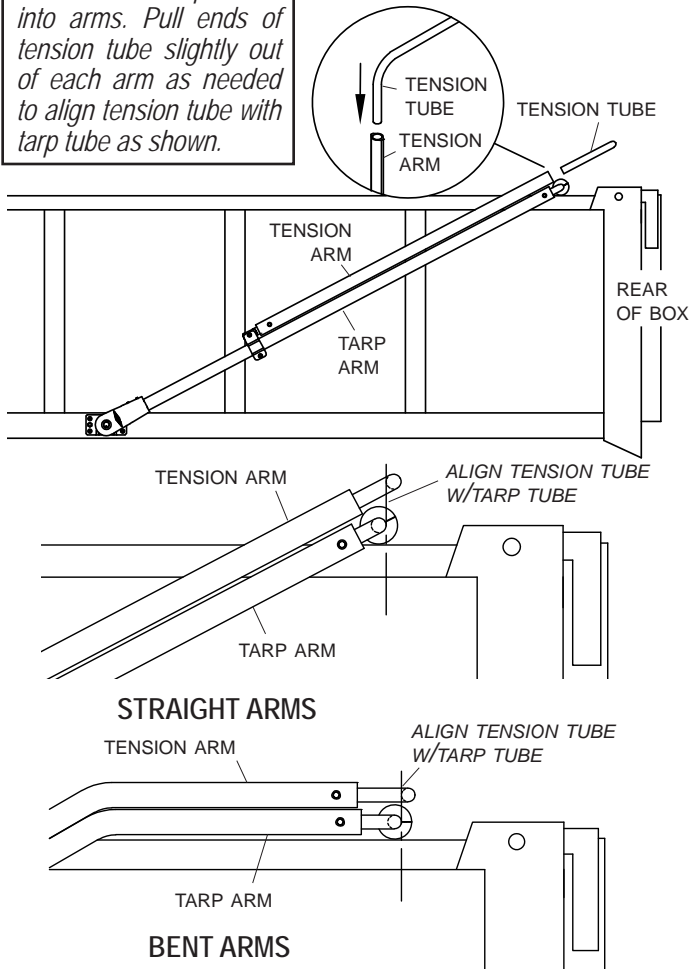


STEP 10: Lay assembled tension tube on flat surface with ends of tubes laying flat and facing the same direction. Fasten with 1/4" x 3/4" self-drilling screws.

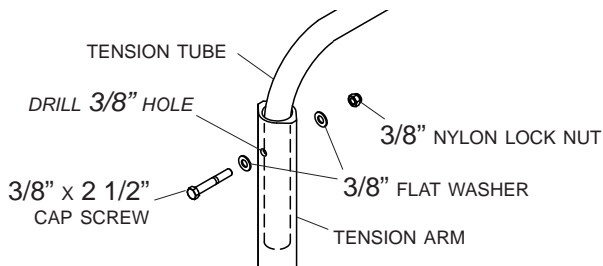


STEP 11: Position tension arms at top rear of box. Insert ends of tension tube into arms. Align tension tube with tarp tube by adjusting distance where tension tube enters arms. Align tension tube as shown in illustrations.

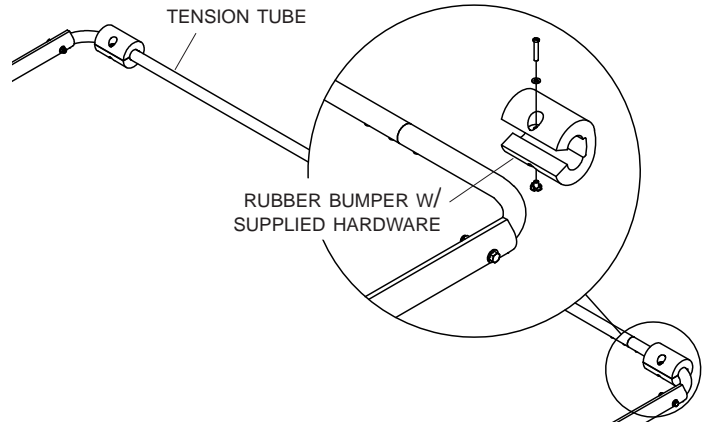
NOTE: First insert tension tube as far as possible into arms. Pull ends of tension tube slightly out of each arm as needed to align tension tube with tarp tube as shown.



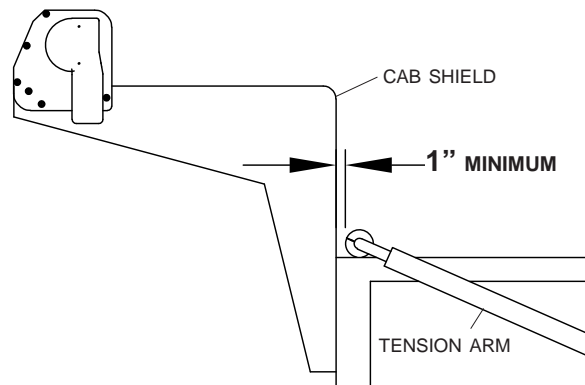
STEP 12: With arms equally spaced from sides of box, drill 3/8" hole through each arm and tension tube. Fasten securely with 3/8" x 2 1/2" cap screws, flat washers and nuts.



STEP 13: Rubber bumpers. Remove hardware from rubber bumpers. Pry bumpers open and slide bumpers onto tension tube. Align bumpers directly over bumpers on tarp tube and refasten hardware to secure bumpers to tension tube.



STEP 14: Rest tarp arms on rear of box and swing tension arms forward to rest tension tube on top rail behind cab shield. Verify that there is about 1" clearance between rubber bumpers and cab shield. Check system operation. If tension tube contacts cab shield, adjust arm length or pivot location as needed.



STEP 15: Check system operation by winding tarp to front of box. Make sure arms swing entirely open without binding. To verify correct installation, compare to diagram below.

