



TARPING SYSTEMS & ACCESSORIES

P/N 1117287 Rev. J

OWNER'S MANUAL



For Belly Dumps, Dump Bodies & Pups

READ BEFORE INSTALLING

PO BOX 713 ■ 2309 SHUR-LOK STREET ■ YANKTON, SD 57078-0713
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www.shurco.com

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WARRANTY. We warrant all new products are free of defects in materials and workmanship.* This warranty is effective if products are properly installed and used for the purpose for which they were intended and applies to the original buyer only. Except as set forth above or in any product-specific warranty documentation, we make no other warranties, express or implied, including but not limited to warranties of merchantability of fitness for a particular use.

Returns of a product for warranty must be accompanied by a Return Merchandise Authorization number (RMA#), obtained by calling Customer Service at 866-748-7435, and sent, with freight paid by us, to Shur-Co®, LLC, 2309 Shur-Lok St., PO Box 713, Yankton, SD 57078. All products returned without an RMA# will be refused. When we issue the RMA#, we will also issue a call tag to have UPS (or other freight company) pick up the product. C.O.D. returns not accepted. We will pay no storage fees for a warranty product return prior to pick by us or the freight company. If a warranty product return is scheduled to be picked up by us, we will pick up the product at our earliest convenience.

If a product returned is found, in our judgement, to be defective in material or workmanship, our obligation under this warranty is limited to the repair or replacement of the product, which will be made by us. Repair or replacement will be at our discretion, with replacements being made using current products performing in the equivalent function. Labor charges, other than those incurred at our factory, including, but not limited to, any labor to install a repaired or replacement product, are not covered under this warranty. All expenses associated with delivering defective products to our factory and delivering repaired or replacement products from our factory to the owner will be paid by us.

If the product returned is found, in our judgement, to be non-warrantable, the owner will be contacted to authorize repair work, purchase of a replacement product or return of the product, all of which will be at the owner's expense. Payment authorization must be received by us before any non-warrantable product is repaired, replaced or returned. All expenses associated with delivering the repaired non-warrantable product, a replacement product or the non-warrantable product from our factory to the owner will be paid by the owner.

In no event will we be liable for any damages of any kind to person, product or property, including but not limited to indirect, incidental, special, consequential or punitive damages, or damages for loss of profits or revenue, even if we have been advised of the possibility of such damages. There are no warranties for used products or products that have been repaired, altered, modified or subjected to misuse, negligence or accident. We will not repair or replace products that fail or malfunction due to ordinary wear and tear, except as expressly noted in a product-specific warranty. Use of non-Shur-Co®, LLC parts in conjunction with Shur-Co®, LLC products will void this product warranty.

*Certain products have specific warranties that differ from this warranty, for example motors and electronics. Product-specific warranty documentation is available for these items. In the event of a conflict between this warranty and a product-specific warranty, the product-specific warranty will govern.

RETURN POLICY. All sales final. See WARRANTY above for return details.

OTHER. All prices, product listings, sizes, weights and manufacturing details are subject to change without notice. No person is authorized to modify the foregoing conditions of sale whatsoever.

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For more info, log on to our website:
www.shurco.com

MESSAGE TO OWNERS

Thank you for buying this tarping system from Shur-Co®. We appreciate your confidence in our products. Please read and thoroughly understand this manual before installing and/or operating this system.

Pay particular attention to important safety and operating instructions, as well as warnings and cautions. The hazard symbol  is used to alert users to potentially hazardous conditions and is followed by caution, warning or danger messages.

Failure to READ AND FOLLOW INSTRUCTIONS could result in failure of your tarping system and/or personal injury. Your trailer requirements may, however, call for minor variations to these instructions.

Please inspect your tarping system periodically. Repair or replace worn or damaged parts to your system.

QUESTIONS? CALL OUR HELP LINE:

1-866-748-7435

MON-FRI 8 AM-5 PM CENTRAL TIME

SAFETY

We at Shur-Co® are concerned with your safety and the safety of all those operating this system. Therefore, we have provided safety decals at various locations on your tarping system. Keep decals as clean as possible at all times. Replace any decal that has become worn or damaged, painted over or otherwise difficult to read. Replacement decals are available through Shur-Co® dealers.

SAFETY INSTRUCTIONS

- 1. Always wear safety glasses during installation and operation.**
- 2. Stay clear of moving parts.**
- 3. Do not operate under low-hung power lines. Always check for overhead obstructions before opening or closing.**
- 4. Open and close tarp only at the job site.**
- 5. Face vehicle into wind when opening and closing tarp.**
- 6. Install tarp on axle to roll off the top and toward the rear of the box.**
- 7. No other use of this system is authorized, except as designed.**

RUST PREVENTION

To prevent rust, paint all exposed metal, such as weld seams and/or metal exposed by grinding or cutting, with corrosion-resistant paint.

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















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









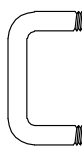
TOOLS REQUIRED













1. Wrench - 7/16"
2. Wrench - 5/8"
3. Wrench - 1/2"
4. Wrench - 9/16"
5. Wrench - 3/4"
6. Metric Allen Wrench - 3mm
7. Allen Wrench - 1/8"
8. Allen Wrench - 5/32"
9. Retaining Ring Pliers
10. Drill Bit - 9/32"
11. Drill Bit - 1/4"
12. Drill Bit - 5/16"
13. Drill Bit - 3/8"
14. Drill Bit - 1/2"
15. Center Punch
16. Hammer
17. Tape Measure
18. Grinder
19. Air or Electric Impact Wrench w/9/16" Socket
18. Metal Saw

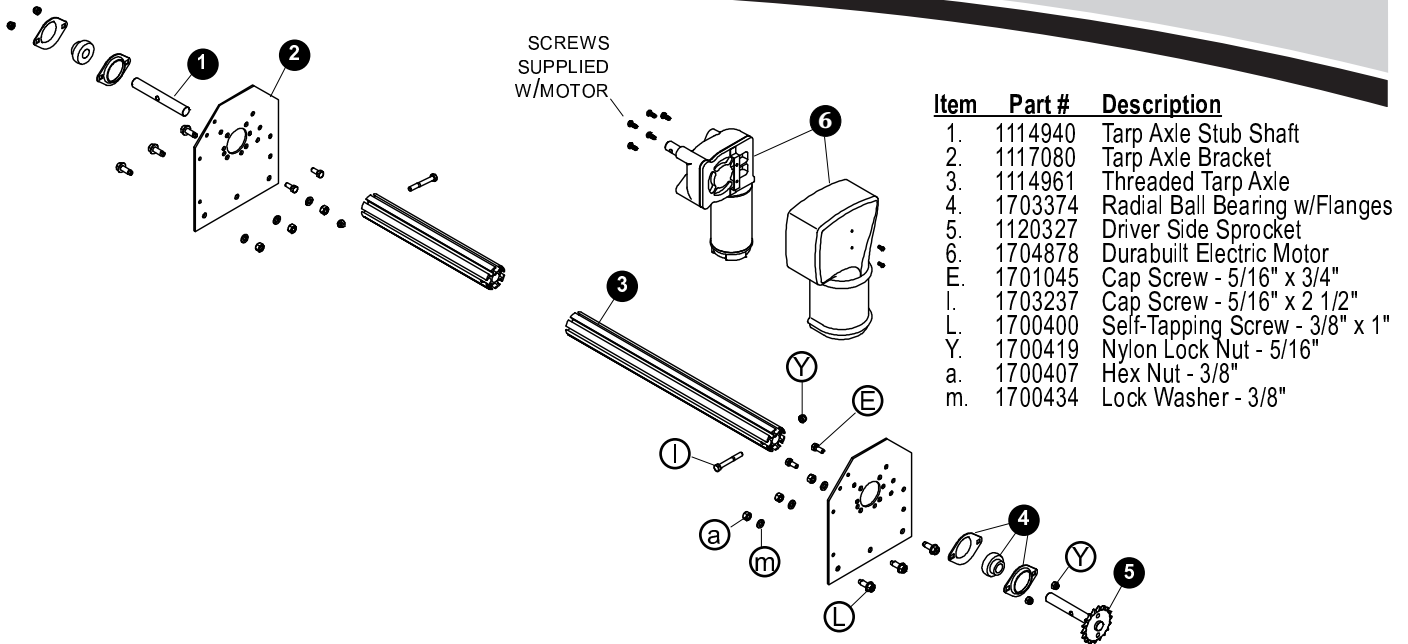
MAINTENANCE

- Tighten any loose bolts.
- Make sure arms are not hitting sides of box.
- Replace bent arms.
- Replace worn or broken springs.
- Replace/repair worn or damaged tarps.

- A**  1703960 Cap Screw - 1/4" x 1/2"
- B**  1703327 Button Hd. Cap Screw - 1/4" x 5/8"
- C**  1703959 Cap Screw - 1/4" x 3/4"
- D**  1704764 Self-Drilling Screw - 1/4" x 3/4"
- E**  1701045 Cap Screw - 5/16" x 3/4"
- F**  1701059 Self-Tapping Screw - 5/16" x 1"
- G**  1701468 Cap Screw - 5/16" x 1 3/4"
- H**  1701420 Cap Screw - 5/16" x 2"
- I**  1703237 Cap Screw - 5/16" x 2 1/2"
- J**  1701544 Self-Tapping Screw - 3/8" x 2"
- K**  1701199 Shoulder Bolt - 5/16" Thd. x 4 1/2"
- L**  1700400 Self-Tapping Screw - 3/8" x 1"
- M**  1702075 Cap Screw - 1/2" x 1 1/2"
- N**  1704656 Cap Screw - 1/2" x 4"
- O**  1202447 Cap Screw - 1/2" x 4 1/2"
- P**  1702113 Cap Screw - 1/2" x 5"

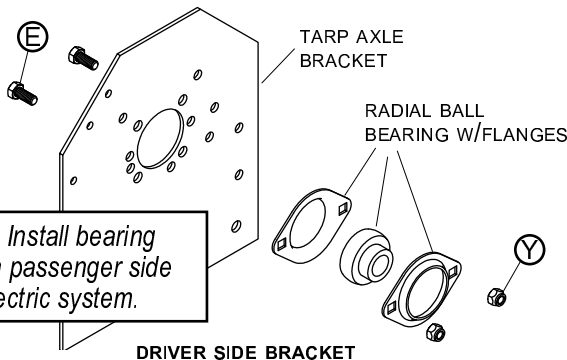
- Q**  1703961 Cap Screw - 7/16" x 1"
- R**  1703962 Cap Screw - 7/16" x 2 1/4"
- S**  1704071 Cap Screw - 7/16" x 1 1/2"
- T**  1704072 Cap Screw - 7/16" x 2 1/2"
- U**  1700408 Hex Nut - 1/4"
- V**  1701543 Nylon Lock Nut - 1/4"
- W**  1703290 Square Nut - 1/4"
- X**  1700411 Hex Nut - 5/16"
- Y**  1700419 Nylon Lock Nut - 5/16"
- Z**  1702492 Top Lock Nut - 5/16"
- a**  1700407 Hex Nut - 3/8"
- b**  1703701 Nylon Lock Nut - 7/16"
- c**  1701200 Square U-Bolt - 5/16" x 1 9/16" x 1" x 1 3/4"

- d**  1702115 Nylon Lock Nut - 1/2"
- e**  1703049 Coupling Nut - 1/4" x 3/4"
- f**  1700436 Lock Washer - 1/4"
- g**  1703218 Fender Washer - 1/4" x 1"
- h**  1700427 Flat Washer - 1/4"
- k**  1700433 Lock Washer - 5/16"
- m**  1700434 Lock Washer - 3/8"
- n**  1703373 Flat Washer - 1/2"
- p**  1702114 Flat Washer - 1/2" USS
- r**  1701209 Flat Washer - 1 1/8"
- t**  1702890 Flat Washer - 1 1/4" x 1 7/8"
- u**  1701598 Eyebolt - 5/16" x 5/8"



Item	Part #	Description
1.	1114940	Tarp Axle Stub Shaft
2.	1117080	Tarp Axle Bracket
3.	1114961	Threaded Tarp Axle
4.	1703374	Radial Ball Bearing w/Flanges
5.	1120327	Driver Side Sprocket
6.	1704878	Durabuilt Electric Motor
E.	1701045	Cap Screw - 5/16" x 3/4"
I.	1703237	Cap Screw - 5/16" x 2 1/2"
L.	1700400	Self-Tapping Screw - 3/8" x 1"
Y.	1700419	Nylon Lock Nut - 5/16"
a.	1700407	Hex Nut - 3/8"
m.	1700434	Lock Washer - 3/8"

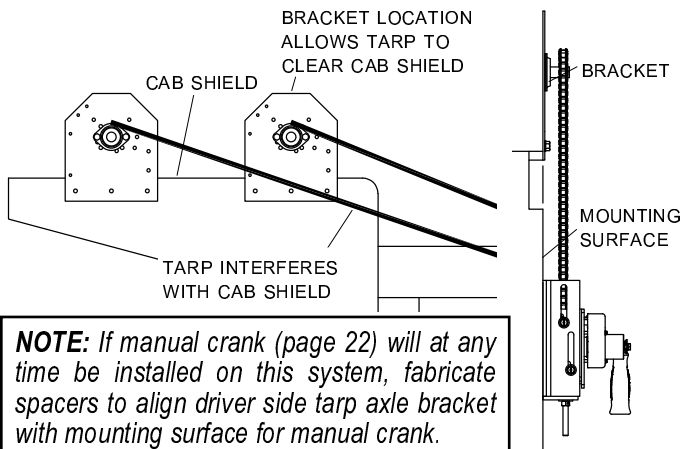
STEP 1: Assemble ball bearing to bearing flanges. Fasten to outside of tarp axle brackets with screws **E** and nuts **Y**. Finger tighten.



NOTE: Install bearing only on passenger side with electric system.

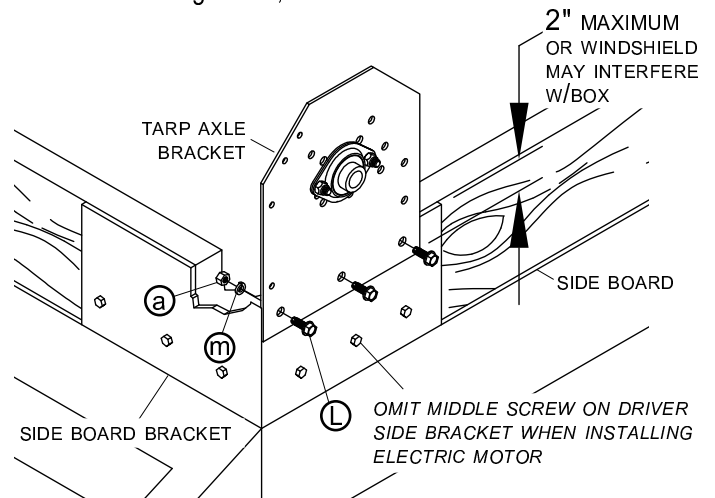
DRIVER SIDE BRACKET

STEP 2: Determine tarp axle bracket location on front of box. Tarp must clear cab shield when opening and closing. Arms must not interfere with cab door, loader or stacks. Elbows may be needed if arms will interfere with cab door or loader.



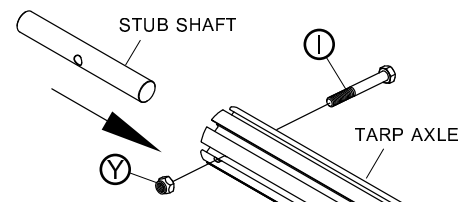
NOTE: If manual crank (page 22) will at any time be installed on this system, fabricate spacers to align driver side tarp axle bracket with mounting surface for manual crank.

STEP 3: Using tarp axle bracket as a template, mark and drill 5/16" holes into steel framework on box. Fasten brackets with screws **I**, washers **m** and nuts **a**. If mounting to sideboards only, fasten with 3/8" x 2 1/2" carriage bolts, washers and nuts.

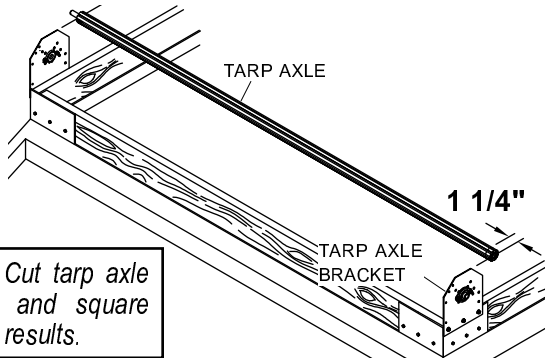


NOTE: Install mounting brackets directly across from each other in line on opposite sides of box/cab guard.

STEP 4: Insert stub shaft into end of tarp axle with drilled hole and fasten with screw **I** and nut **Y**.

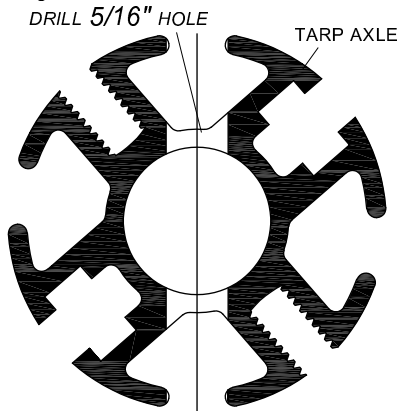


STEP 5: Measure distance between outside edges of tarp axle brackets. Measure and mark tarp axle 1 1/4" shorter than this distance.



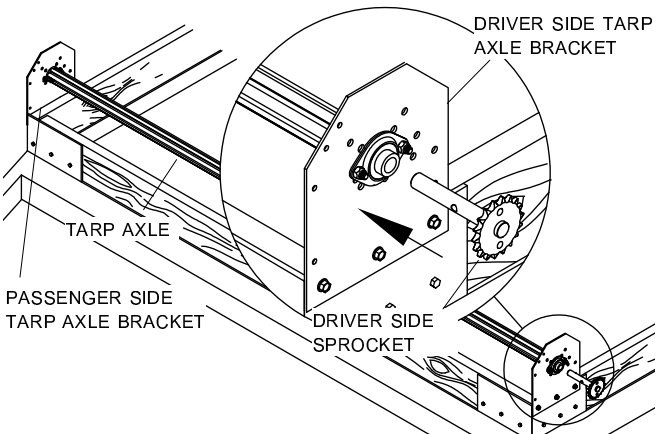
NOTE: Cut tarp axle straight and square for best results.

STEP 6: Remove tarp axle, cut squarely at mark and deburr cut end. Drill 5/16" hole 5/8" from cut end of axle, aligning hole as shown.

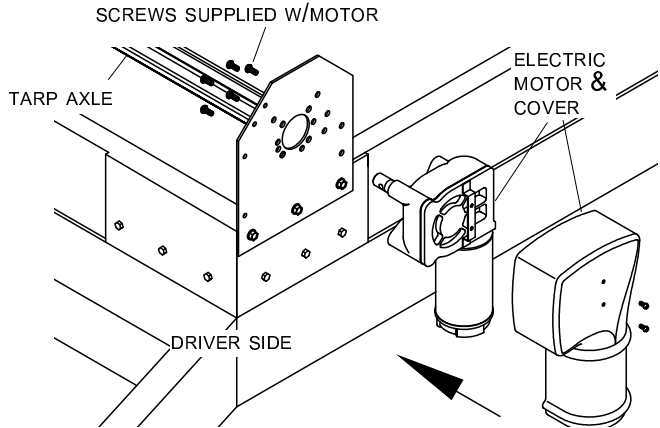


NOTE: *Rope system only.* Assemble crank (page 6) to driver side sprocket before proceeding to steps 7 to 9.

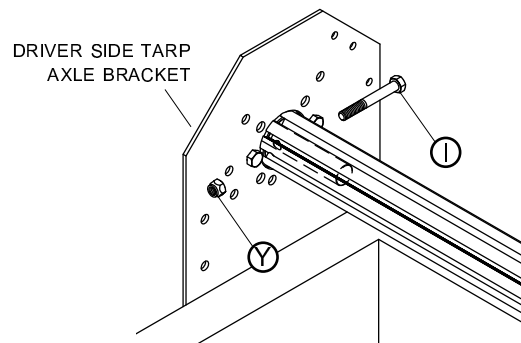
STEP 7A: Manual crank system. Insert stub shaft through passenger side tarp axle bracket. Align tarp axle between brackets and insert driver side sprocket through bracket and into tarp axle.



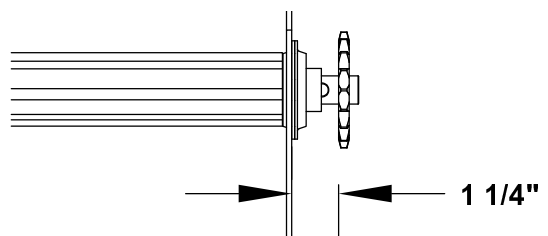
STEP 7B: Electric system. Insert stub shaft through passenger side tarp axle bracket. Align tarp axle between brackets and insert motor shaft through bracket and into tarp axle. Fasten with screws supplied with motor.



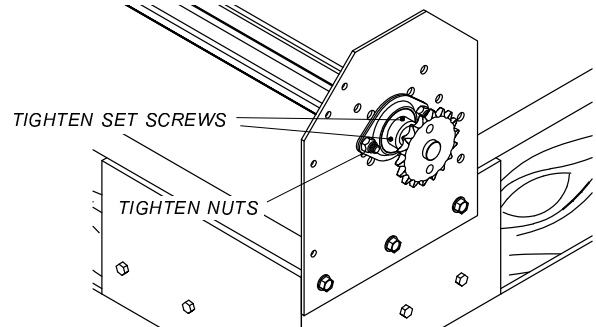
STEP 8: Fasten with screw ① and nut ②.



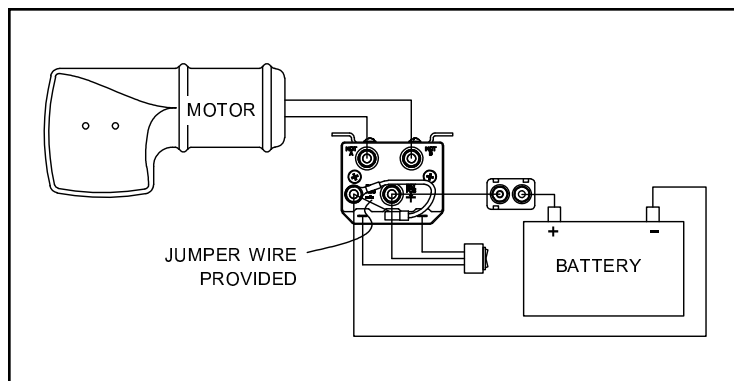
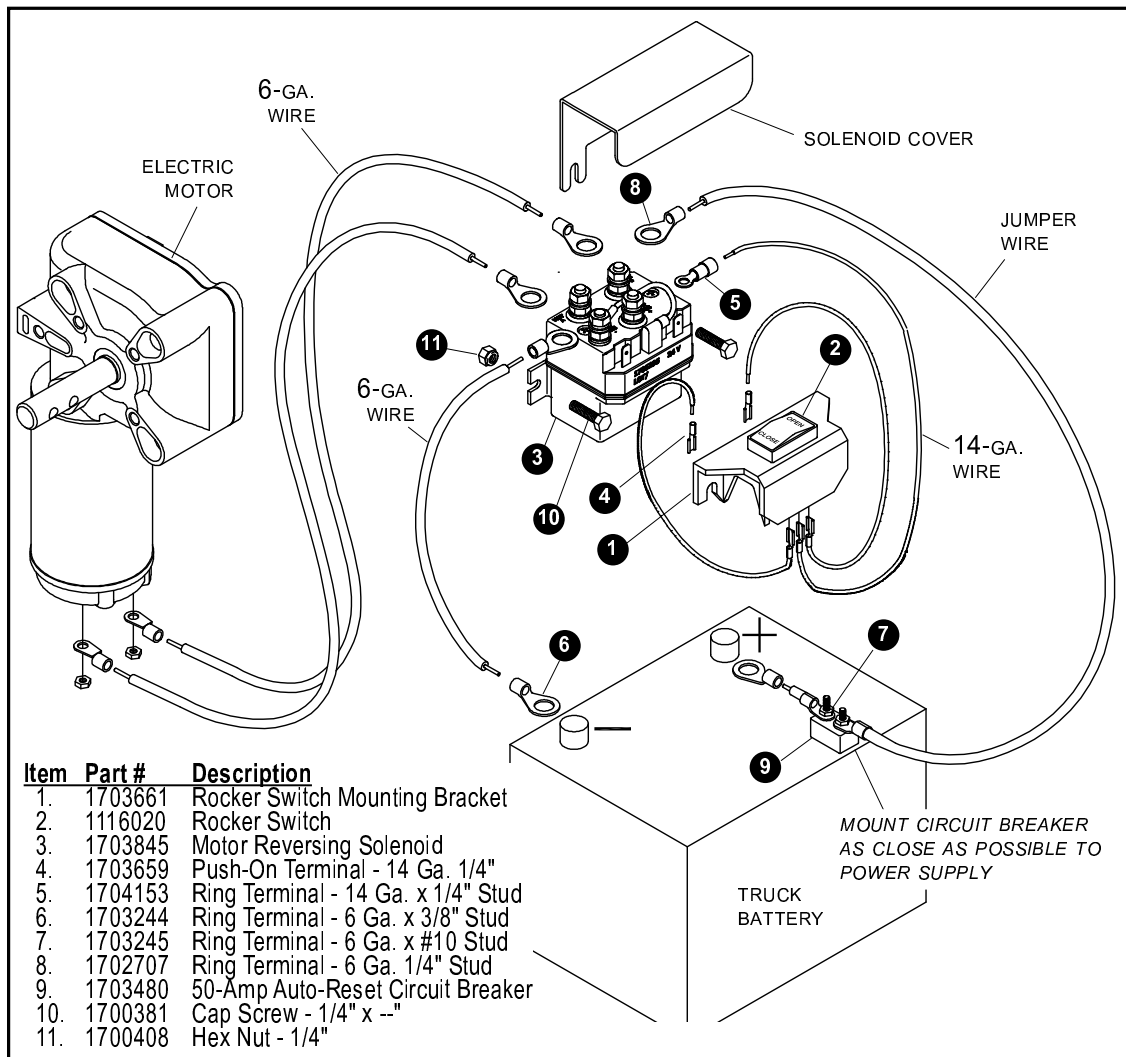
STEP 9: Adjust sprocket distance before tightening set screws. Outside of bracket to inside of sprocket must be 1 1/4".



STEP 10: Tighten set screws on ball bearing and fasteners holding bearing flanges to brackets on both tarp axle brackets.

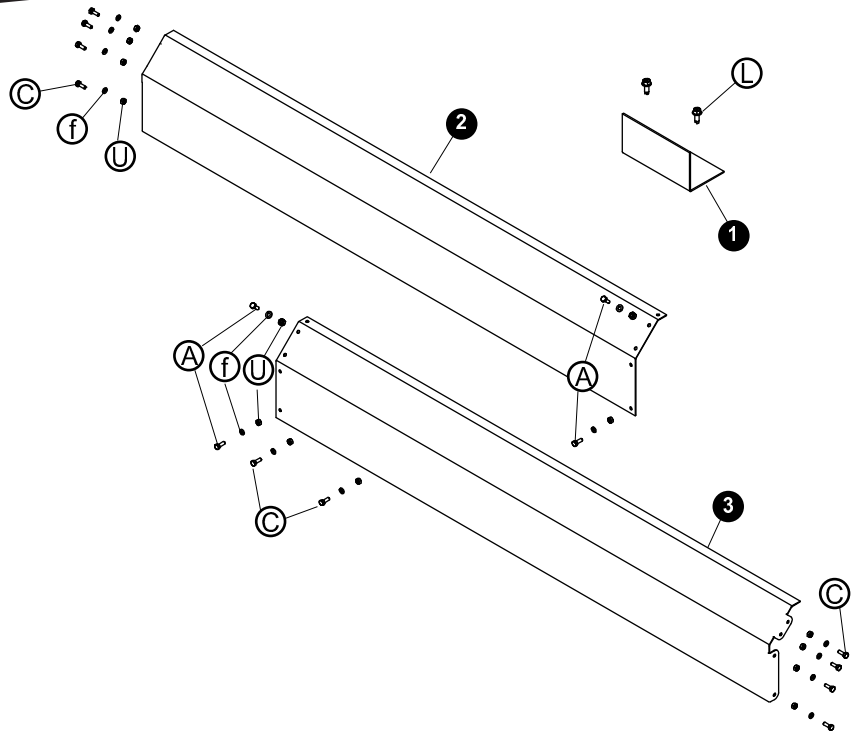


STEP 1: Mount solenoid in suitable location - a ventilated area near battery is ideal. Run 6-ga. wire from motor to solenoid, from power supply to circuit breaker and to solenoid as shown. Run 14-ga. wire from solenoid to switch and mount switch in an area convenient to operator. Mount switch inside or outside cab. Mount with bracket or install directly into dash panel.



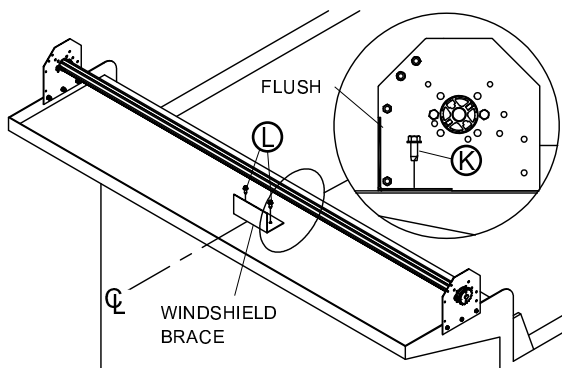
Wiring Tips

- Pick up power at battery or terminal block. Use 6-ga. wire or larger when connecting to power supply and motor.
- Do not place wiring in areas where wire could be pinched or cut during operation. Loop extra wire at hinge area on dump bodies.
- If switch is running system backwards, reverse 14-ga. wires at solenoid to reverse system operation.
- Hold momentary contact switch open or closed to operate system.

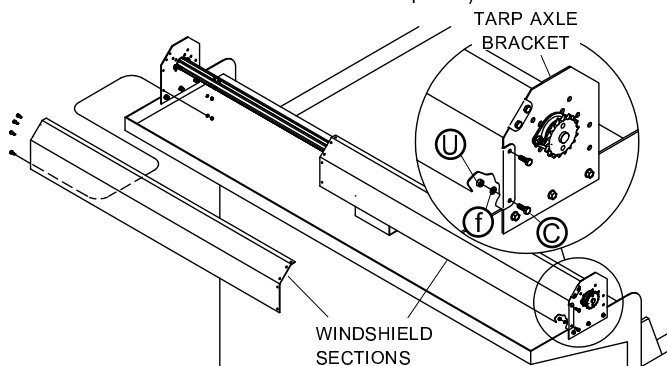


Item	Part #	Description
1.	1113835	Windshield Brace
2.	1117090	Windshield - Passenger Side
3.	1117089	Windshield - Driver Side
A.	1703960	Cap Screw - 1/4" x 1/2"
C.	1703959	Cap Screw - 1/4" x 3/4"
L.	1700400	Self-Tapping Screw - 3/8" x 1"
U.	1700408	Hex Nut - 1/4"
f.	1700436	Lock Washer - 1/4"

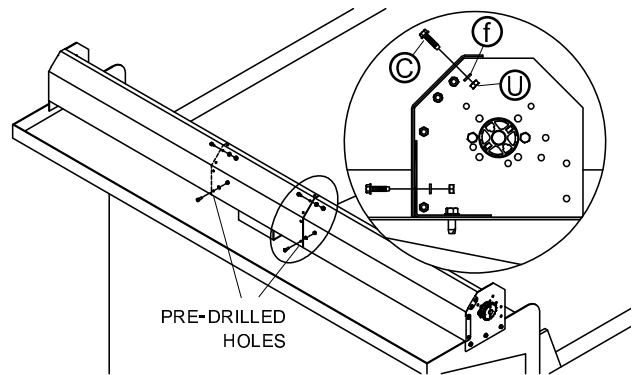
STEP 1: Place windshield brace on box, centered between tarp axle brackets and flush with front of brackets. Using brace as a guide, drill two 5/16" holes into box. Fasten brace to box with screws **L**.



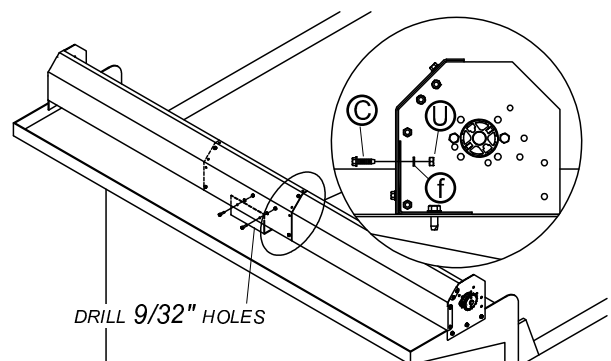
STEP 2: Fasten windshield sections to tarp axle brackets with screws **C**, washers **f** and nuts **U** (have an assistant hold windshield sections in place).

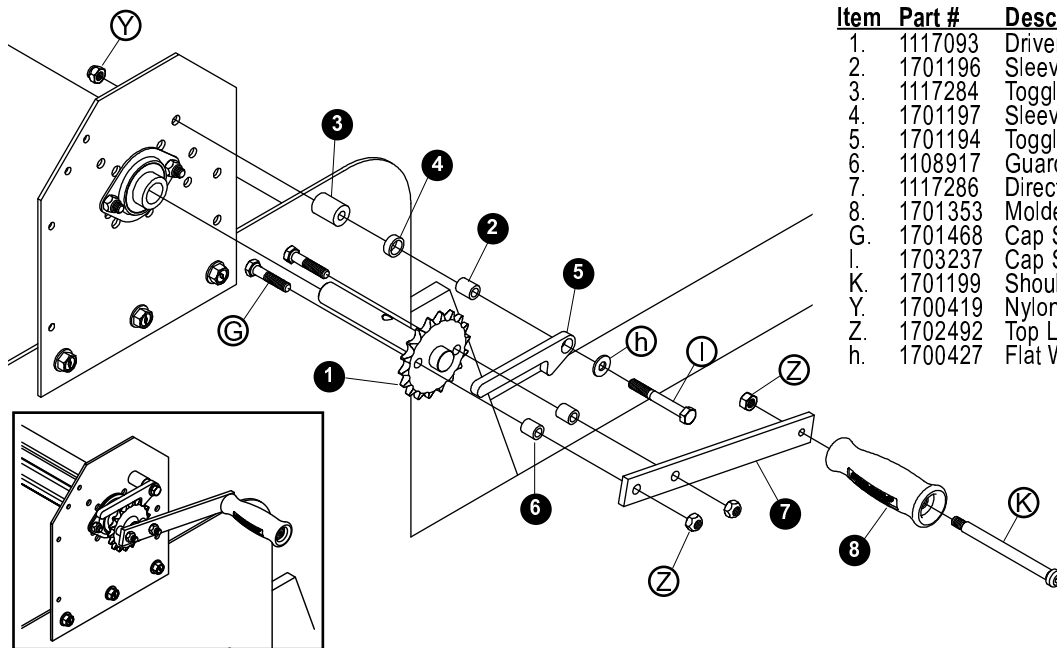


STEP 3: Clamp overlapped windshield sections together. Using holes in windshield as a guide, drill 9/32" holes through windshield sections and brace at locations shown (four places). Fasten windshield sections to brace with screws **C**, washers **f** and nuts **U**.



STEP 4: Drill 9/32" holes through windshield and brace. Fasten with screws **C**, washers **f** and nuts **U**.

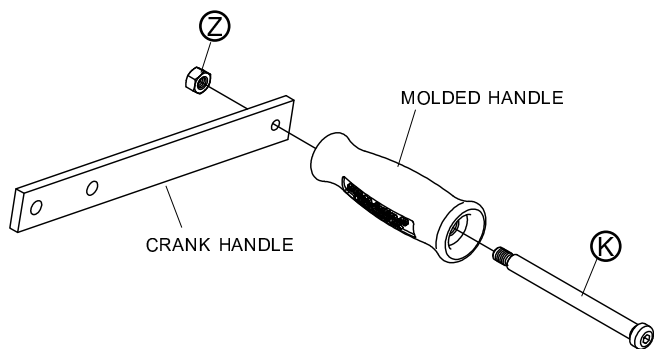




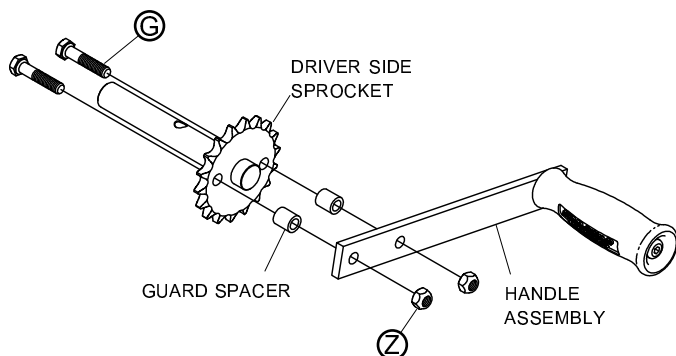
Item	Part #	Description
1.	1117093	Driver Side Sprocket
2.	1701196	Sleeve Bearing - 5/16" ID x 1/2" OD
3.	1117284	Toggle Spacer
4.	1701197	Sleeve Bearing - 1/2" ID x 11/16" OD
5.	1701194	Toggle
6.	1108917	Guard Spacer
7.	1117286	Direct Drive Crank Handle
8.	1701353	Molded Handle
G.	1701468	Cap Screw - 5/16" x 1 3/4"
I.	1703237	Cap Screw - 5/16" x 2 1/2"
K.	1701199	Shoulder Bolt - 5/16" Thd. x 4 1/2"
Y.	1700419	Nylon Lock Nut - 5/16"
Z.	1702492	Top Lock Nut - 5/16"
h.	1700427	Flat Washer - 1/4"

CRANK SHOWN ASSEMBLED

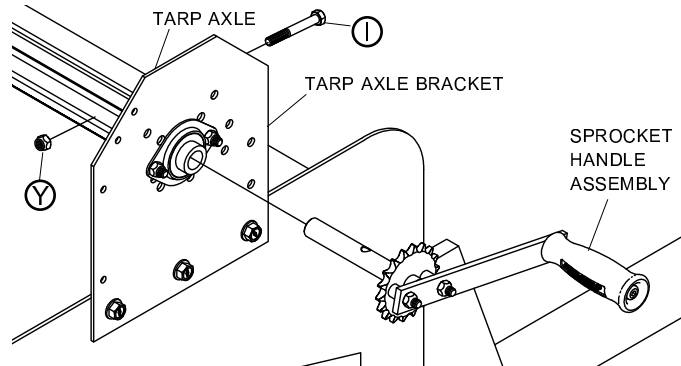
STEP 1: Assemble molded handle to crank handle with shoulder bolt **K** and nut **Z**.



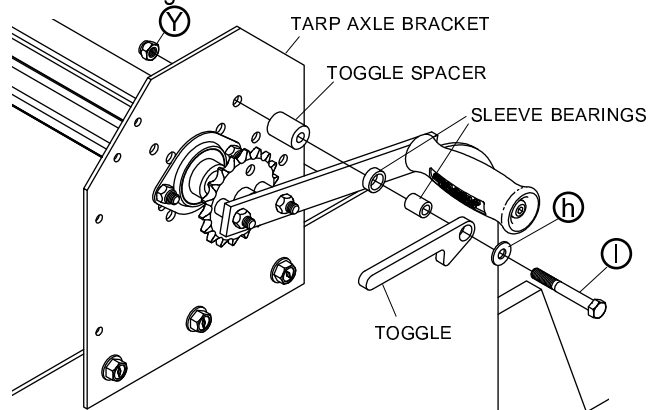
STEP 2: Assemble guard spacers and handle assembly to driver side sprocket with screws **G** and nuts **Z**.

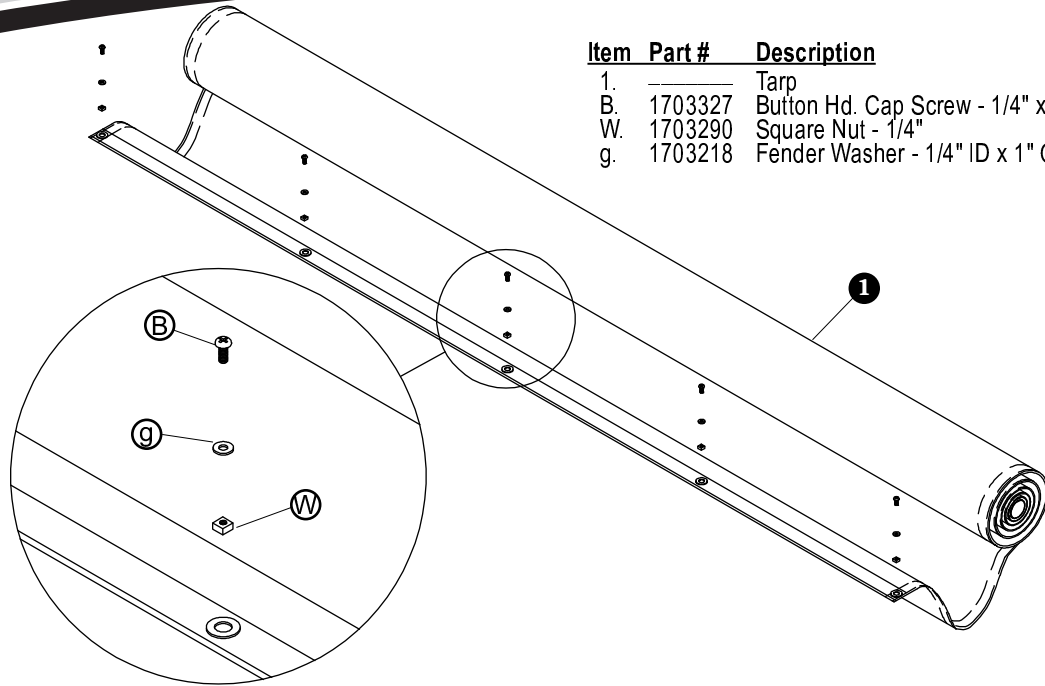


STEP 3: Assemble sprocket/handle assembly to tarp axle with screw **I** and nut **Y** as shown on page 3, steps 7 to 9.



STEP 4: Assemble toggle, toggle spacer and sleeve bearings to tarp axle bracket with screw **I**, washer **h** and nut **Y**. Tighten fasteners.





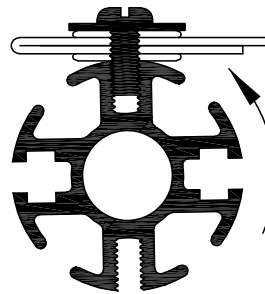
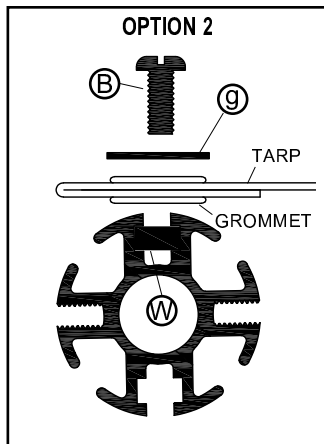
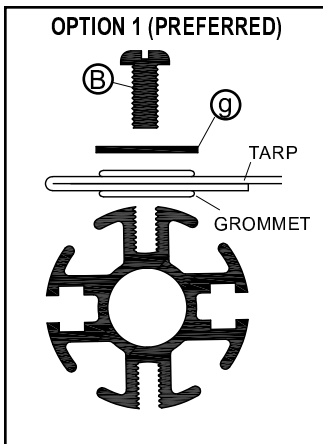
Item	Part #	Description
1.	_____	Tarp
B.	1703327	Button Hd. Cap Screw - 1/4" x 5/8"
W.	1703290	Square Nut - 1/4"
g.	1703218	Fender Washer - 1/4" ID x 1" OD

Measure your tarp width and compare with tarp width ordered. If widths do not match, STOP installation process and call Shur-Co® for further instructions.

STEP 1: Lay front edge of tarp across tarp axle and center tarp with box (cab guard may be off center). Start at center and work toward edges, pulling tarp tight.

Option 1 (preferred) - Fasten screws **B** through washers **g** and grommets and into threaded groove.

Option 2 - Install nuts **W** into axle groove, then fasten screws **B** through washers **g**, grommets and nuts **W**.



Tarp must wind open in direction shown. To prevent debris from entering tarp axle, position tarp to roll open off top of axle toward rear of box.

STEP 2: Insert tarp tube through rear tarp pocket. See pages listed below for instructions to install your system.

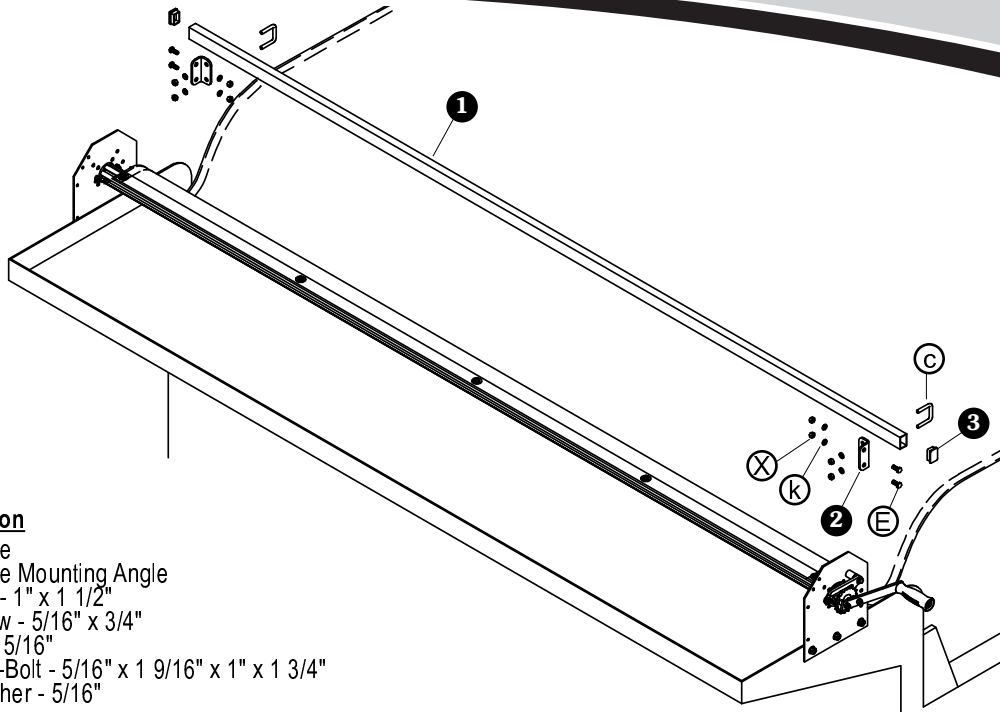
Rope pull system: See pages 8 to 9.

Basic arm system: See page 16.

NOTE: Install arms first. Start on page 11.

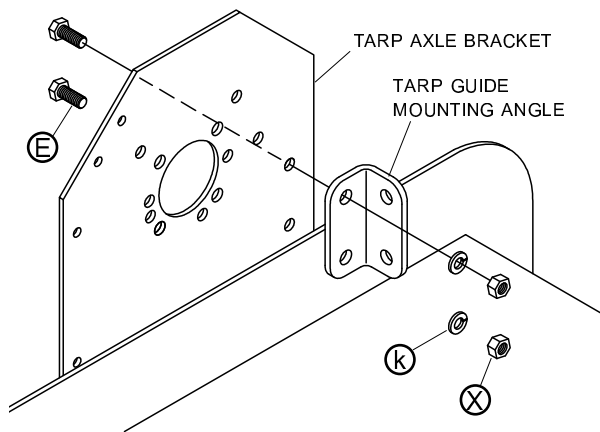
Latching arm system: See pages 19 to 21.

NOTE: Install arms first. Start on page 11.



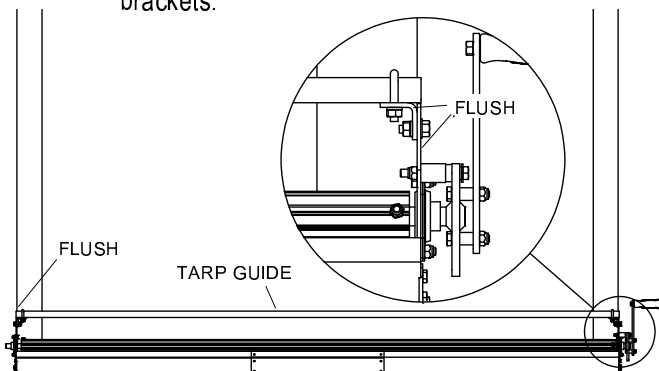
Item	Part #	Description
1.	1105238	Tarp Guide
2.	1115369	Tarp Guide Mounting Angle
3.	1701207	End Plug - 1" x 1 1/2"
E.	1701045	Cap Screw - 5/16" x 3/4"
X.	1700411	Hex Nut - 5/16"
C.	1701200	Square U-Bolt - 5/16" x 1 9/16" x 1" x 1 3/4"
K.	1700433	Lock Washer - 5/16"

STEP 1: Fasten tarp guide mounting angles to tarp axle brackets as shown with screws **E**, washers **K** and nuts **X**.

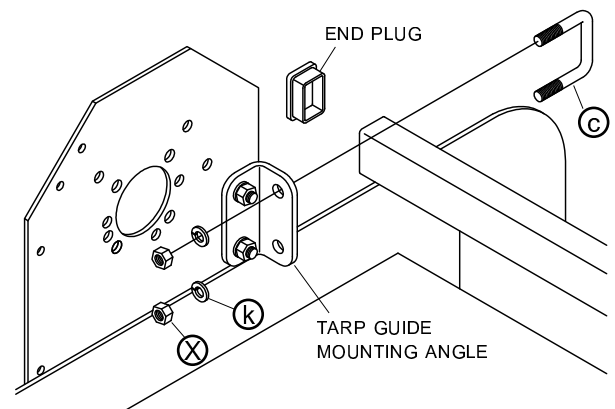


TARP & TARP AXLE NOT SHOWN FOR CLARITY

STEP 2: Cut tarp guide to fit flush with outside of tarp axle brackets.

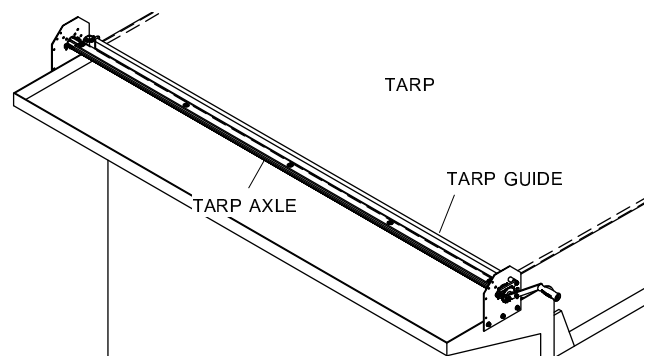


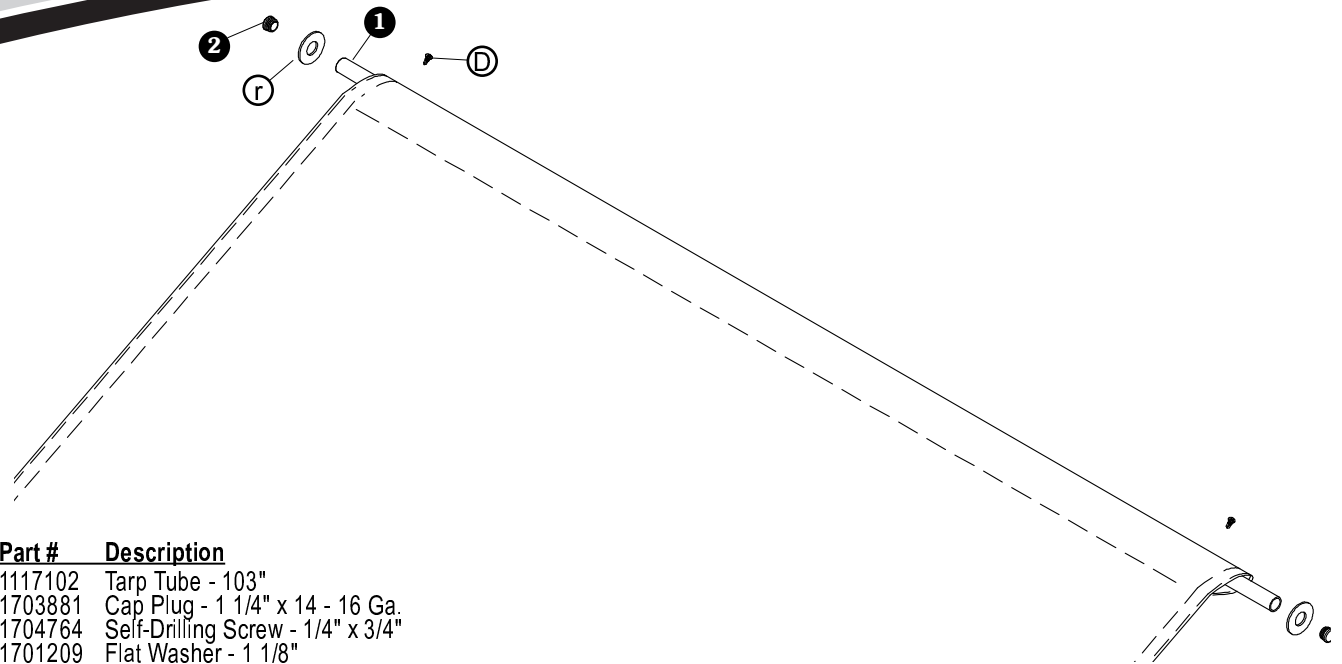
STEP 3: Fasten tarp guide to mounting angles with square U-bolts **C**, washers **K** and nuts **X**. Insert end plugs into tarp guide.



TARP & TARP AXLE NOT SHOWN FOR CLARITY

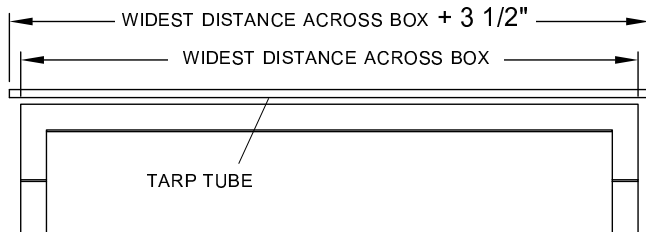
STEP 4: Feed tarp under tarp guide and over tarp axle as shown.





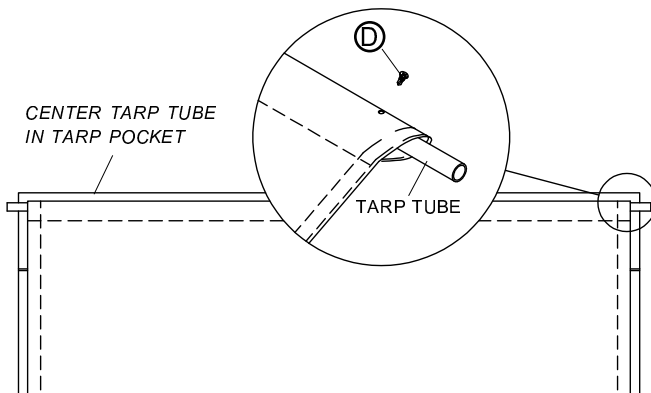
Item	Part #	Description
1.	1117102	Tarp Tube - 103"
2.	1703881	Cap Plug - 1 1/4" x 14 - 16 Ga.
D.	1704764	Self-Drilling Screw - 1/4" x 3/4"
r.	1701209	Flat Washer - 1 1/8"

STEP 1: Cut tarp tube 3 1/2" longer than widest distance across box.

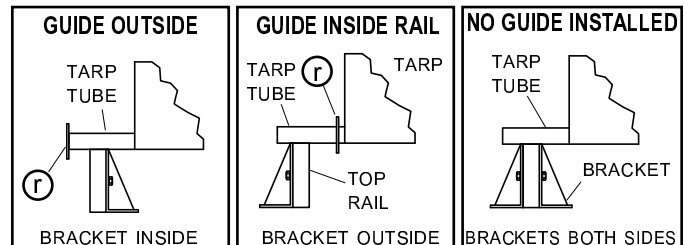
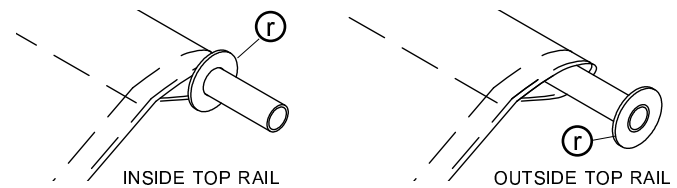


NOTE: If tarp tube is cut as shown, it can be used later with an arm system install. If tarp tube is cut narrower, it must be replaced if system is upgraded to an arm system.

STEP 2: Center tarp tube in pocket. Fasten through tarp hem into tarp tube with screws (D).

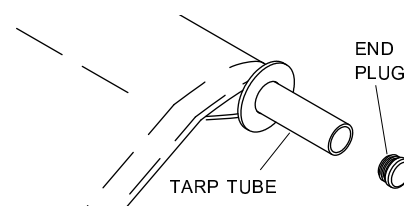


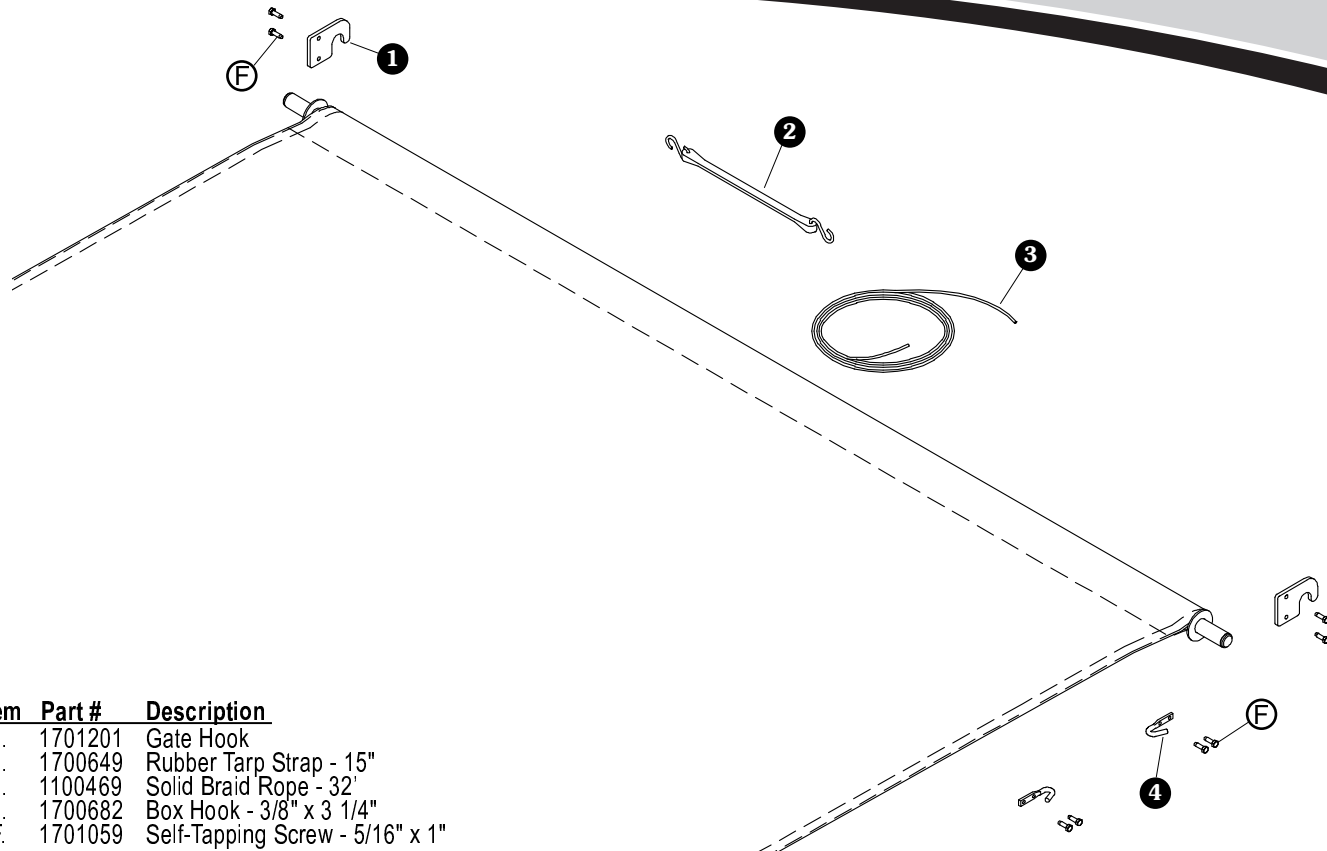
STEP 3: (optional) Weld tarp guides (1 1/8" flat washers) (r) onto each end of tarp tube to help guide tarp across box. Tarp guides can be placed inside or outside top rail.



NOTE: Washers fit snugly over tarp tube and may need to be opened with a file or rotary tool in order to slide over tube. If tarp guides are used, a new tarp tube will be needed if upgrading to an arm system.

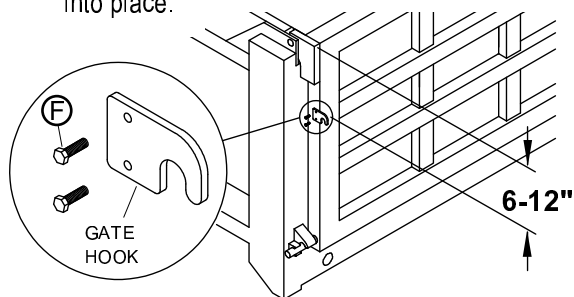
STEP 4: Install end plug into each end of tarp tube.



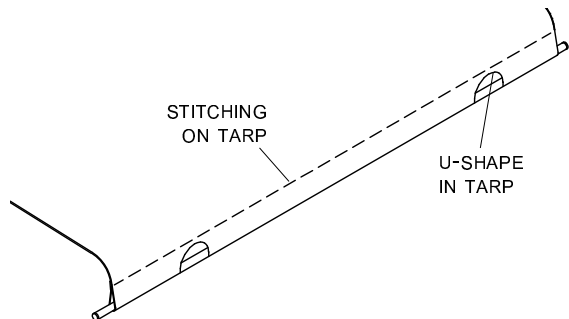


Item	Part #	Description
1.	1701201	Gate Hook
2.	1700649	Rubber Tarp Strap - 15"
3.	1100469	Solid Braid Rope - 32'
4.	1700682	Box Hook - 3/8" x 3 1/4"
F.	1701059	Self-Tapping Screw - 5/16" x 1"

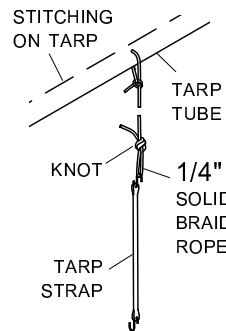
STEP 1: Gate hooks. Position gate hooks 6" to 12" below top of tailgate, outside path of tarp. Mark and drill 1/4" holes and secure with screws **F** or weld gate hooks into place.



NOTE - Alternate method. If gate hooks cannot be installed outside of the tarp's path, cut 'U' shapes in the tarp to fit gate hooks. **DO NOT** cut stitching on tarp.

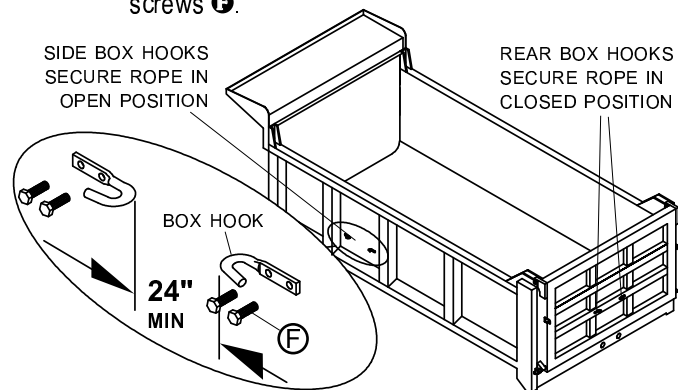


STEP 2: Rope return. Cut a small hole in center of tarp just above tarp tube. Wrap rope around tarp tube and secure with knot.

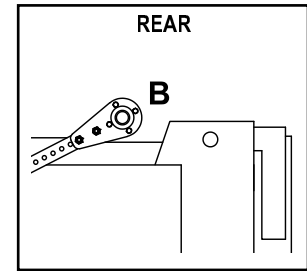
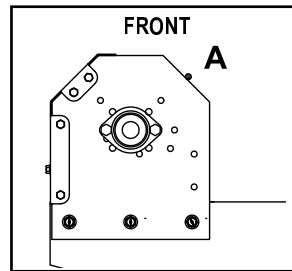


STEP 3: Cut rope so end is about 24" above ground. Knot end of rope and hook tarp strap through loop.

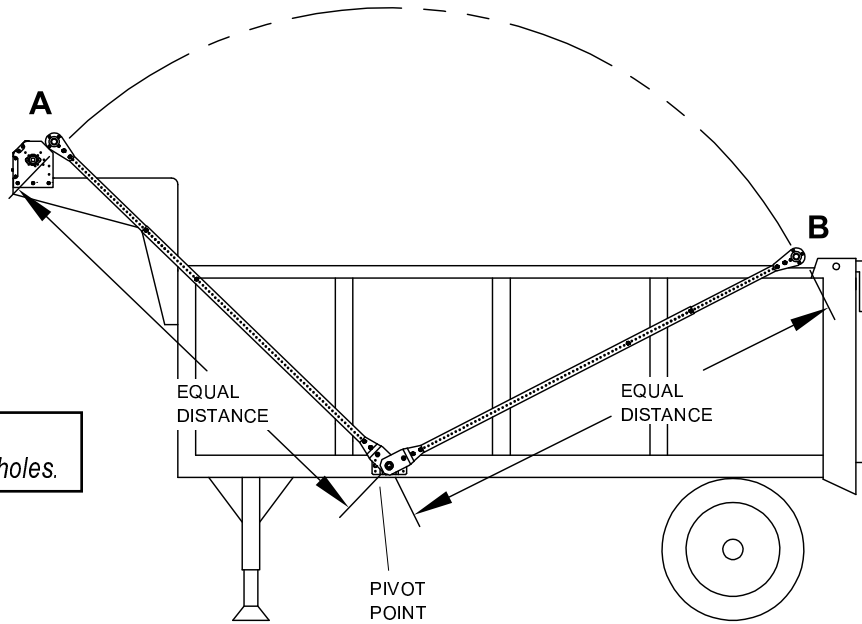
STEP 4: Install box hooks at rear and on side of box for rope storage. Place in convenient location, spacing at least 24" apart. Mark and drill 1/4" holes and fasten with screws **F**.



STEP 1: Locate points A and B. Point A is the midpoint of the angle on the backside of the tarp axle bracket. Point B is the desired resting point for the tarp tube. Refer to diagram for locations of points A and B.

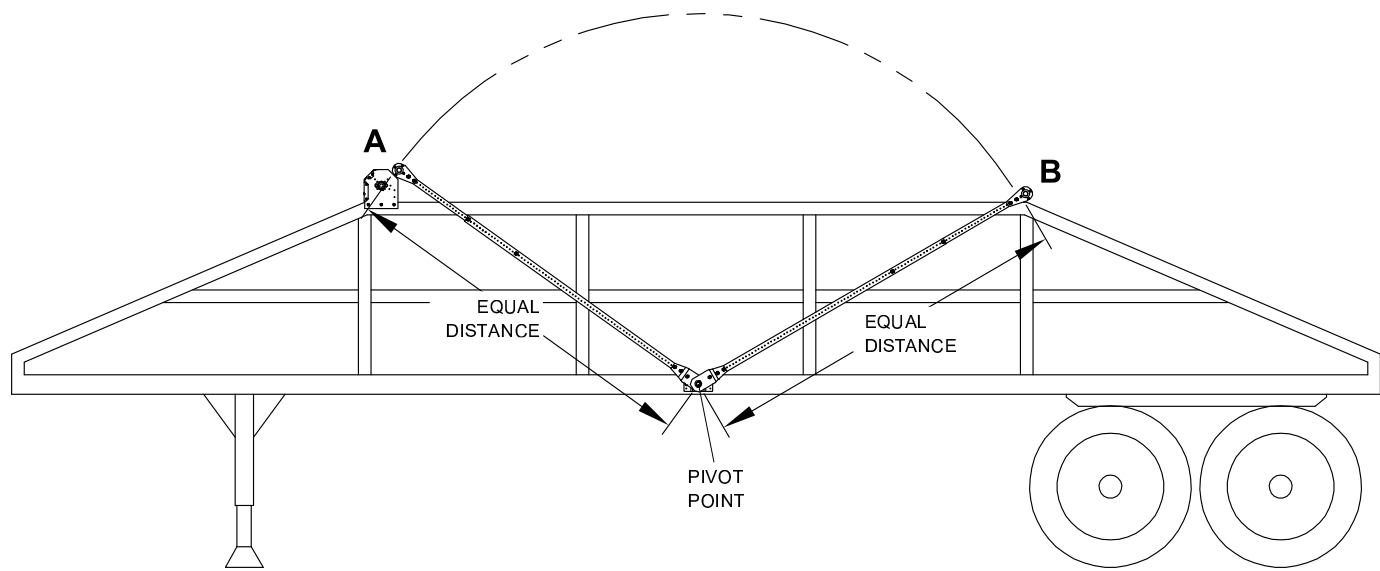


STEP 2: Locate and mark pivot point on bottom rail at an equal distance between point A and point B.



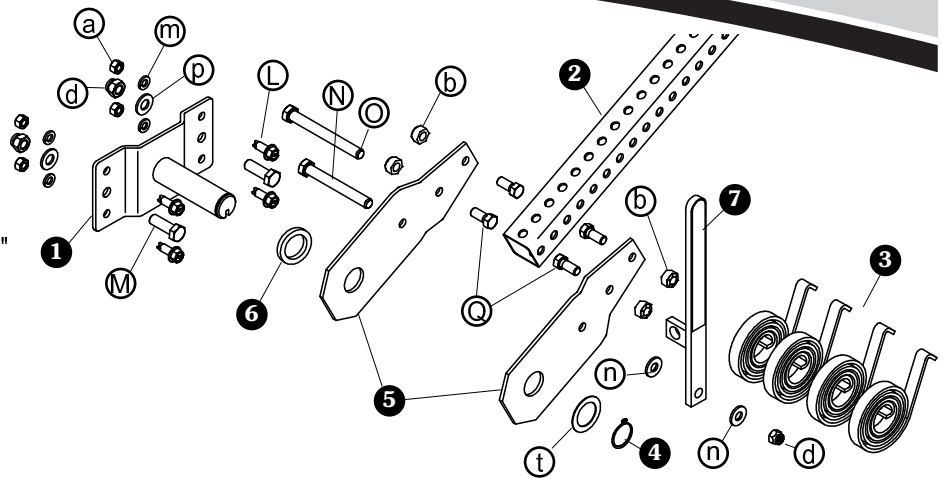
NOTE: Double check pivot location before drilling any holes.

NOTE: To determine pivot point on opposite side of box, first make sure box is square. Transfer the measurement from point A to the pivot point over to the opposite side of the box.



NOTE: Tapered, wedged or sloped trailers may require additional bracketry to offset and square the arms with the trailer.

Item	Part #	Description
1.	1116994	Pivot Bracket
2.	1117103	Lower Arm
3.	1111027	Spiral Torsion Spring
4.	1702888	External Retaining Ring
5.	1117085	Pivot Bracket
6.	1118318	HDPE Spacer Washer
7.	1113819	Latch-Release Handle
L.	1700400	Self-Tapping Screw - 3/8" x 1"
N.	1704656	Cap Screw - 1/2" x 4"
O.	1202447	Cap Screw - 1/2" x 4 1/2"
Q.	1703961	Cap Screw - 7/16" x 1"
M.	1702075	Cap Screw - 1/2" x 1 1/2"
a.	1700407	Hex Nut - 3/8"
b.	1703701	Nylon Lock Nut - 7/16"
d.	1702115	Nylon Lock Nut - 1/2"
m.	1700434	Lock Washer - 3/8"
n.	1703373	Flat Washer - 1/2"
p.	1702114	Flat Washer - 1/2" USS
t.	1702890	Flat Washer - 1 1/4" x 1 7/8"

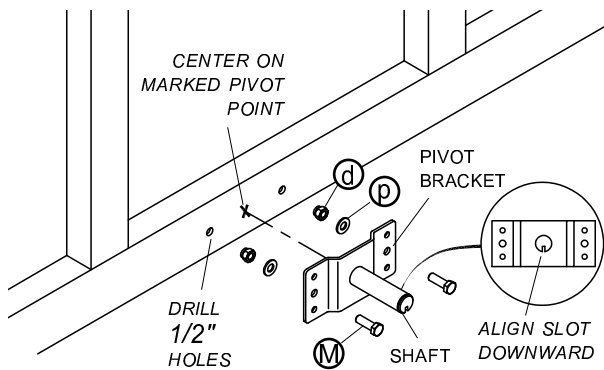


See page 14 for 5-spring pivot mount instructions.

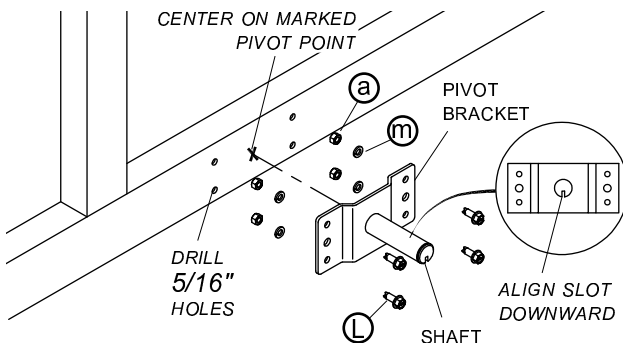
STEP 1: Clamp pivot bracket to box, centering shaft on marked pivot point with slot in shaft facing downward.

NOTE: Double check pivot location before drilling holes.

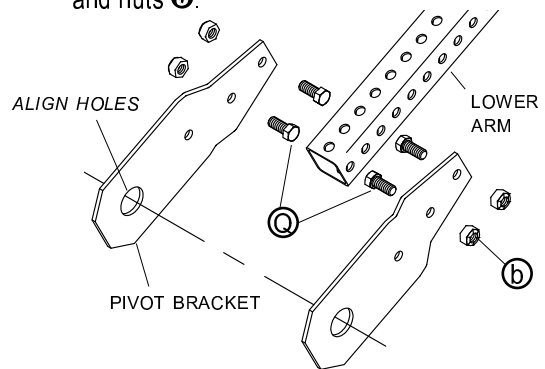
OPTION A - Using pivot bracket as a guide, mark and drill 1/2" holes in box. Fasten with screws **M**, washers **d** and nuts **a**. Repeat on opposite side.



OPTION B - Fasten to blind holes and enclosed or boxed-in side rails. Drill 5/16" holes in box. Fasten with screws **L** and, if possible, secure with washers **m** and nuts **a**. Repeat on opposite side.

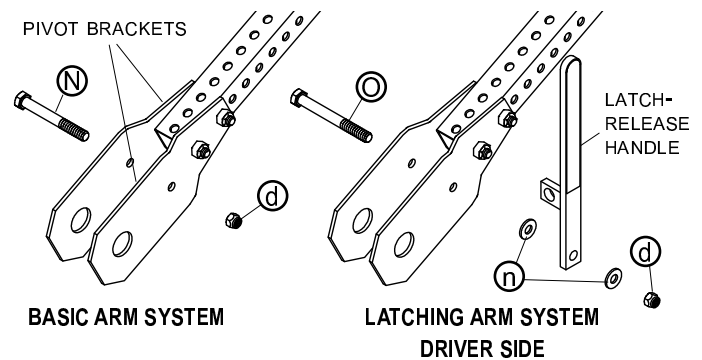


STEP 2: Fasten pivot brackets to lower arm with screws **Q** and nuts **b**.



STEP 3: Basic arm system. Insert screw **N** through holes in pivot brackets and secure with nut **a**.

Latching arm system. On driver side, insert screw **O** through holes in pivot brackets. Secure with washer **t**, latch-release handle, washer **n** and nut **d**. Tighten so that handle will rotate when pulled lightly.

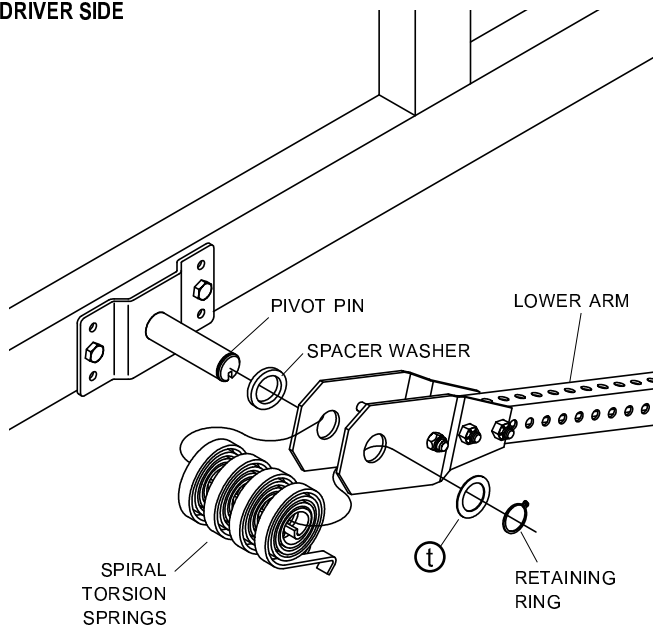


NOTE: Do not overtighten. Tighten only until there is light pressure on pivot brackets and screw is held stationary.

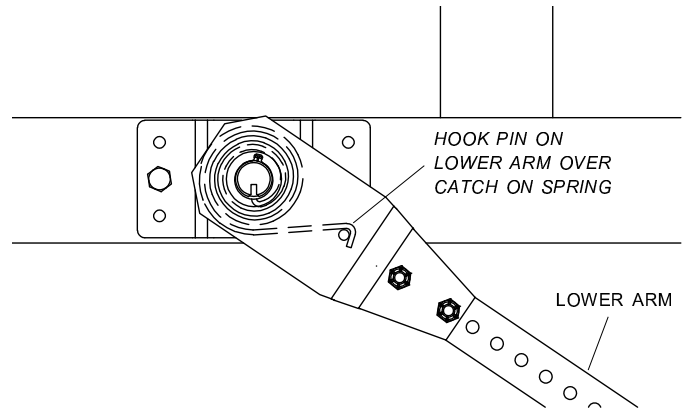
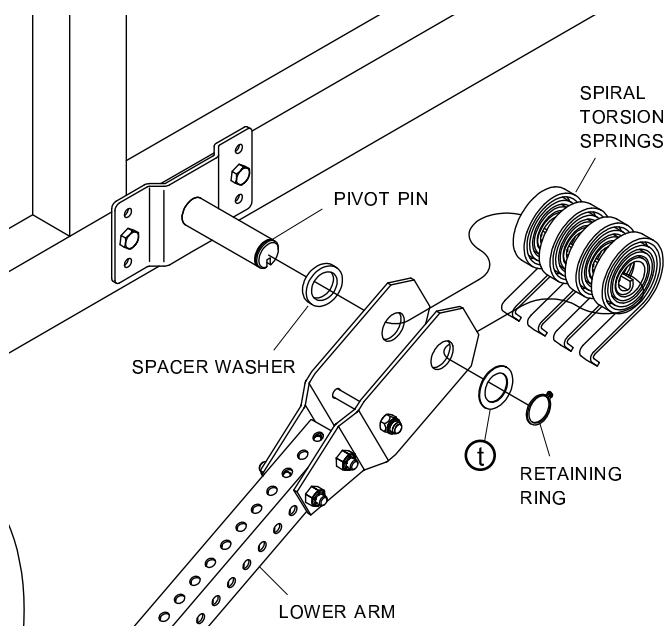
STEP 4: To install lower arms on pivot pins, slide spacer washer onto pivot pin followed by lower arm and springs. Secure with washer **t** and retaining ring.

NOTE: Lower arm and springs must be oriented as shown to operate correctly. Make sure lower arm assembly is pushed as far as possible onto pivot pin.

DRIVER SIDE



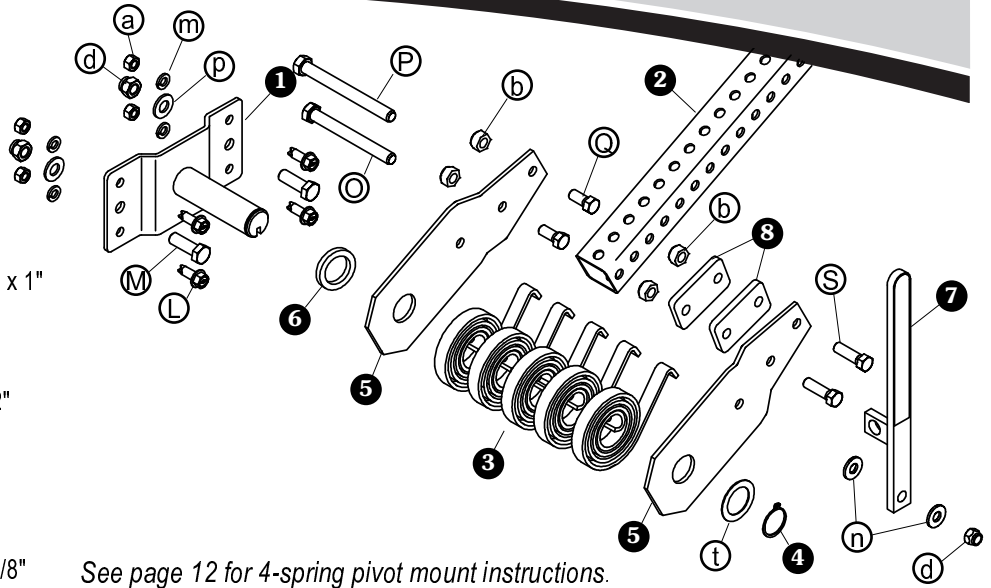
PASSENGER SIDE



CAUTION

Arms are under tension. Tighten screws and nuts securely on upper arms and tarp tube. Unsecured arms will be forced downward and could cause injury.

Item	Part #	Description
1.	1116994	Pivot Bracket
2.	1117103	Lower Arm
3.	1111027	Spiral Torsion Spring
4.	1702888	External Retaining Ring
5.	1117085	Pivot Bracket
6.	1118318	HDPE Spacer Washer
7.	1113819	Latch-Release Handle
8.	1117343	Pivot Bracket Spacer
L.	1700400	Self-Tapping Screw - 3/8" x 1"
M.	1702075	Cap Screw - 1/2" x 1 1/2"
O.	1202447	Cap Screw - 1/2" x 4 1/2"
P.	1702113	Cap Screw - 1/2" x 5"
Q.	1703961	Cap Screw - 7/16" x 1"
S.	1704071	Cap Screw - 7/16" x 1 1/2"
a.	1700407	Hex Nut - 3/8"
b.	1703701	Nylon Lock Nut - 7/16"
d.	1702115	Nylon Lock Nut - 1/2"
m.	1700434	Lock Washer - 3/8"
n.	1703373	Flat Washer - 1/2"
p.	1702114	Flat Washer - 1/2" USS
t.	1702890	Flat Washer - 1 1/4" x 1 7/8"



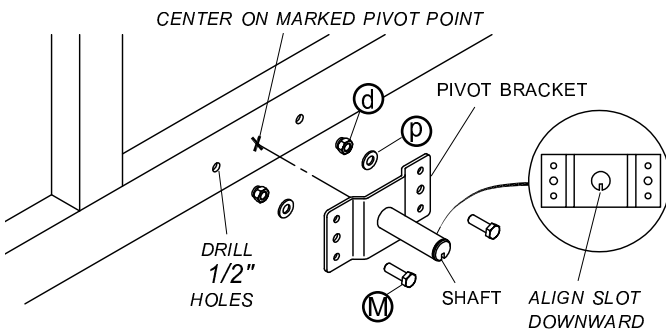
See page 12 for 4-spring pivot mount instructions.

Option 1: Basic 5-Spring Arm System

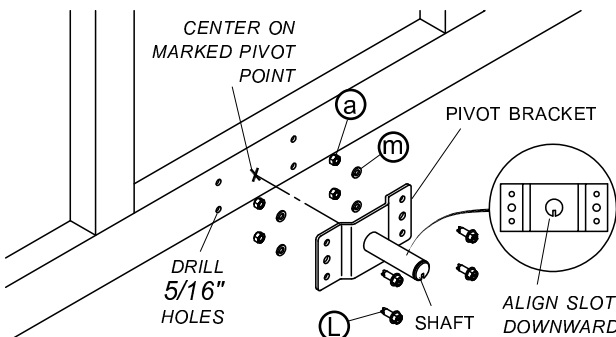
STEP 1: Clamp pivot bracket to box, centering shaft on marked pivot point with slot in shaft facing downward.

NOTE: Double check pivot location before drilling holes.

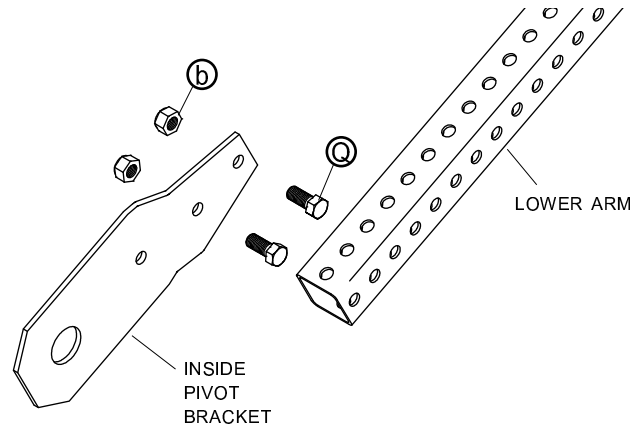
OPTION A - Using pivot bracket as a template, mark and drill 1/2" holes in box. Fasten with screws (L), washers (m) and nuts (d). Repeat on opposite side.



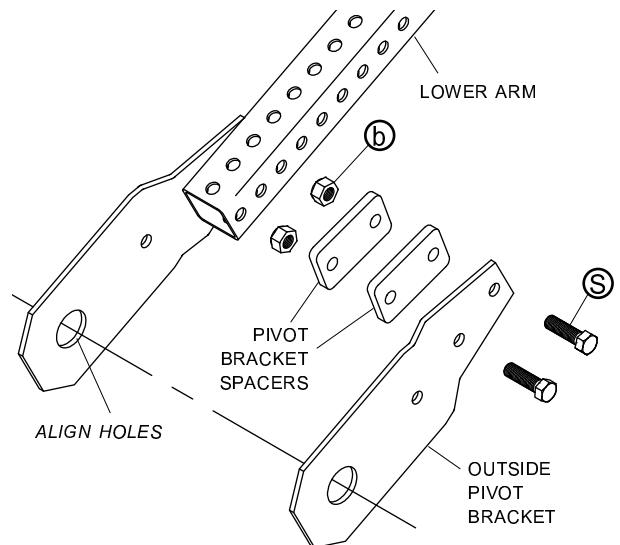
OPTION B - Fasten to blind holes and enclosed or boxed-in side rails. Drill 5/16" holes in box. Fasten with screws (L), and if possible, secure with washers (m) and nuts (d). Repeat on opposite side.



STEP 2: Fasten inside pivot bracket to lower arm with screws (Q) and nuts (b).



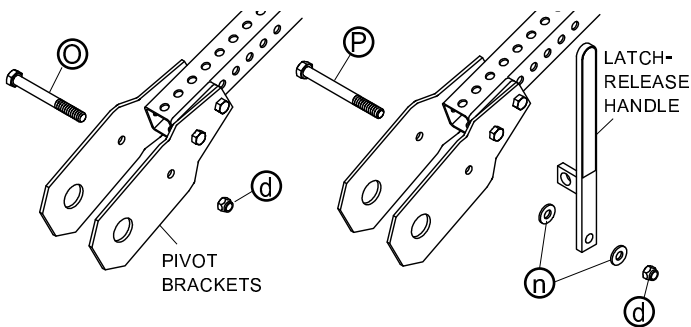
STEP 3: Fasten outside pivot bracket and pivot bracket spacers to lower arm with screws (S) and nuts (b).



STEP 4: Basic arm system. Insert screw **ⓐ** through holes in pivot brackets and secure with nut **ⓓ**.

Latching arm system on driver side. Insert screw **Ⓟ** through holes in pivot brackets. Secure with washer **Ⓝ**, latch-release handle, washer **Ⓠ** and nut **ⓓ**. Tighten so that handle will rotate when pulled lightly.

NOTE: Do not overtighten nut. Tighten only until there is light pressure on pivot brackets and screw is held stationary.



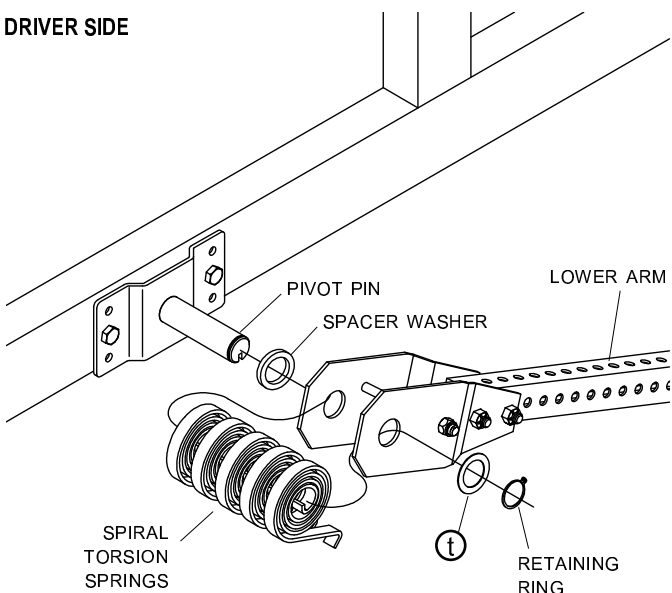
BASIC ARM SYSTEM

LATCHING ARM SYSTEM
DRIVER SIDE

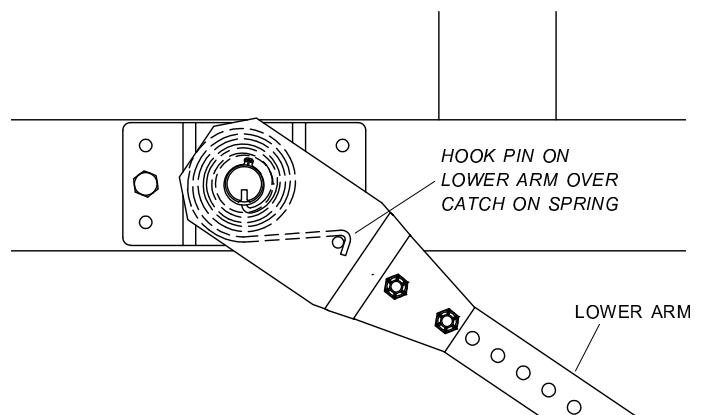
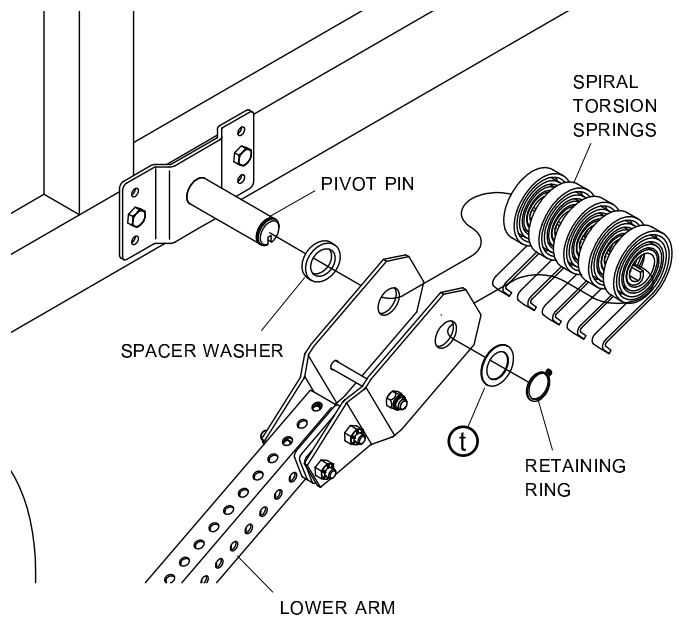
STEP 5: To install lower arms on pivot pins, slide spacer washer onto pivot pin followed by lower arm and springs. Secure with washer **Ⓡ** and retaining ring.

NOTE: Lower arm and springs must be oriented as shown to operate correctly. Make sure lower arm assembly is pushed as far as possible onto pivot pin.

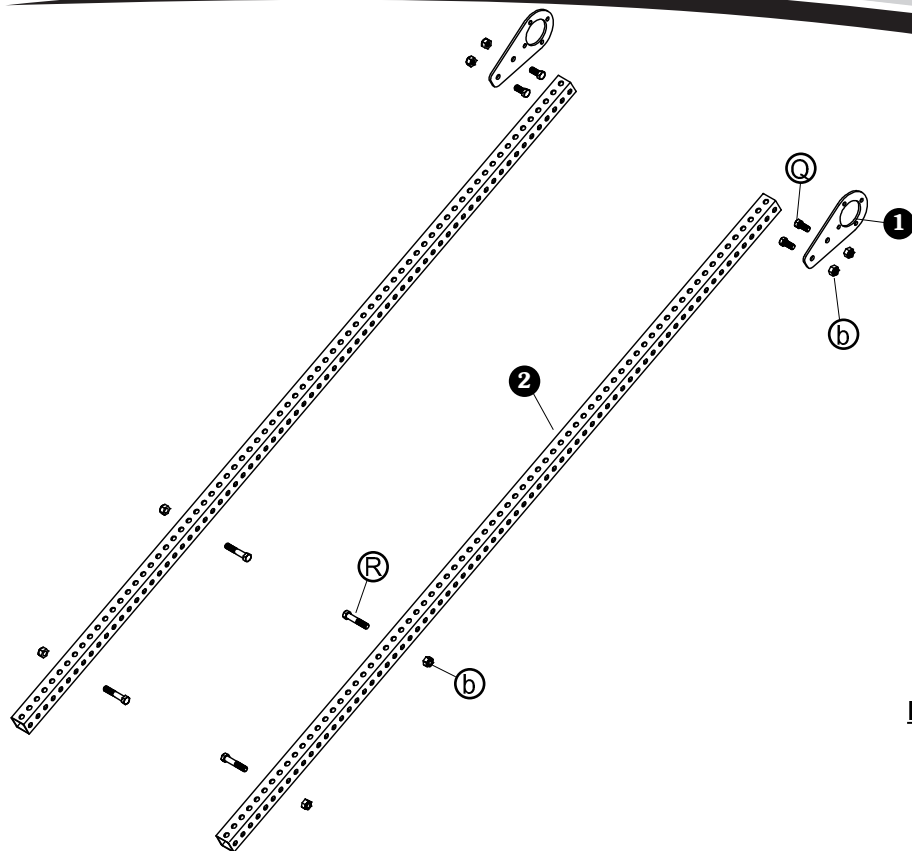
DRIVER SIDE



PASSENGER SIDE

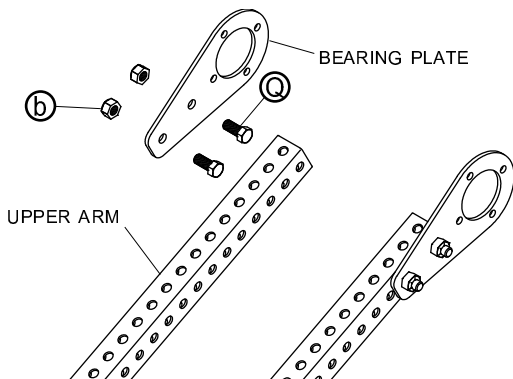


⚠ CAUTION
Arms are under tension. Tighten screws and nuts securely on upper arms and tarp tube. Unsecured arms will be forced downward and could cause injury.

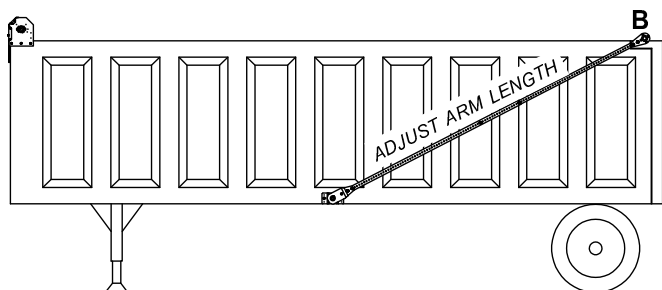


Item	Part #	Description
1.	1117083	Bearing Plate
2.	1117104	Upper Arm
Q.	1703961	Cap Screw - 7/16" x 1"
R.	1703962	Cap Screw - 7/16" x 2 1/4"
b.	1703701	Nylon Lock Nut - 7/16"

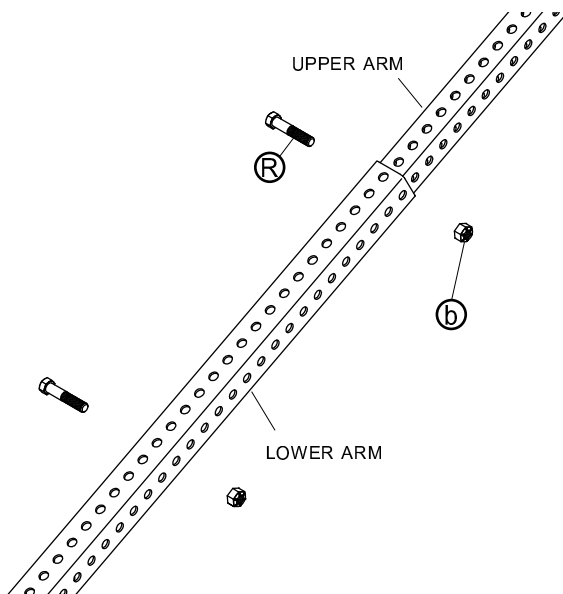
STEP 1: Fasten bearing plate to each upper arm with screws (Q) and nuts (b) as shown.



STEP 2: Insert upper arm into lower arm. Adjust length of combined arm sections so that tarp tube rests on desired resting point, established earlier as point B.

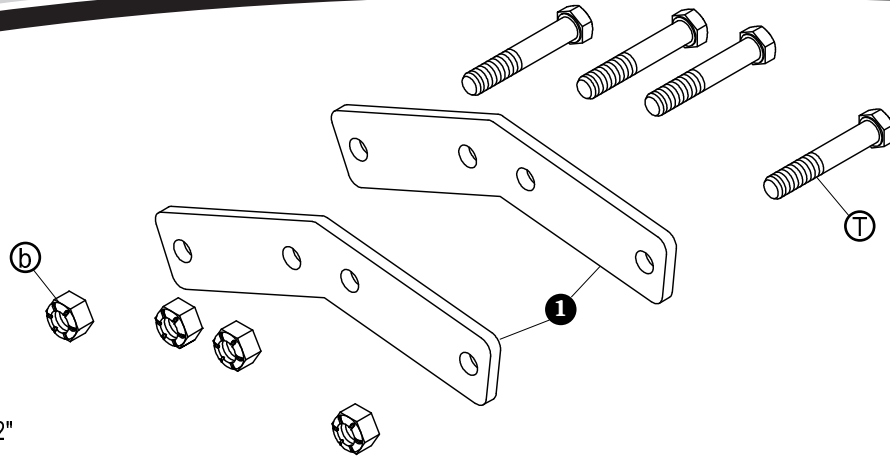


STEP 3: Align holes in upper and lower arms. Fasten arms together in two places with screws (R) and nuts (b).



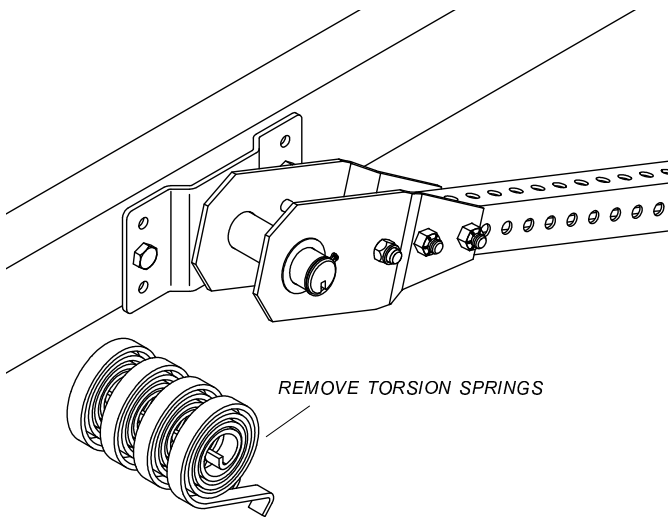
STEP 4: Repeat steps 2 and 3 on opposite side.

TIP: Exposed upper arm length should be equal on both sides of box (equal number of holes should be visible on each upper arm).

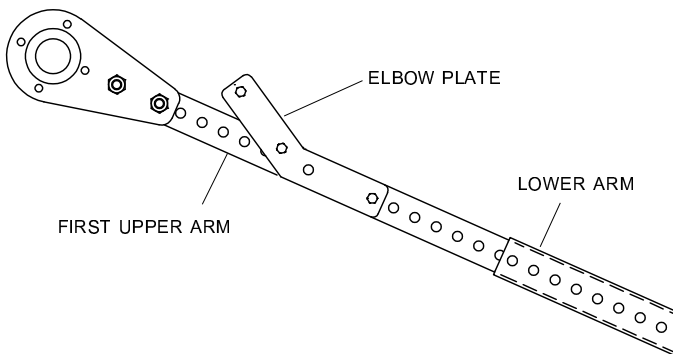


Item	Part #	Description
1.	1117341	Elbow Plate - 30°
T.	1704072	Cap Screw - 7/16" x 2 1/2"
b.	1703701	Nylon Lock Nut - 7/16"

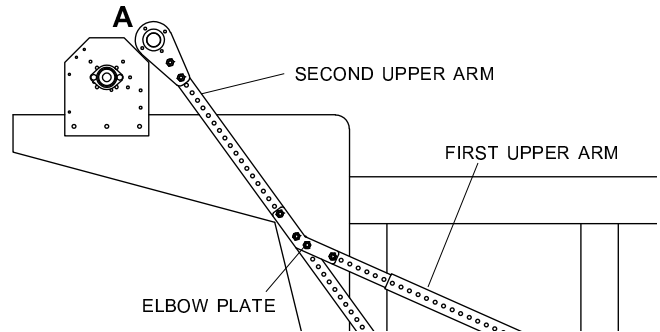
STEP 1: Remove torsion springs to allow free movement of arms.



STEP 2: Clamp 30° elbow plate to first upper arm, then insert upper arm into lower arm. Do not fasten.

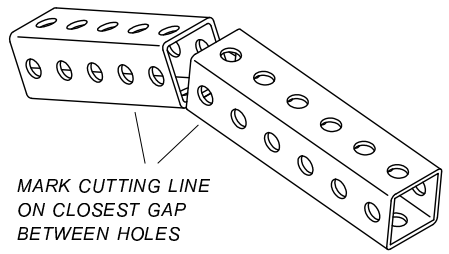


STEP 3: Align second upper arm with elbow plate. Align bearing plate on second upper arm at Point A on tarp axle bracket. Adjust arms to determine desired elbow location.

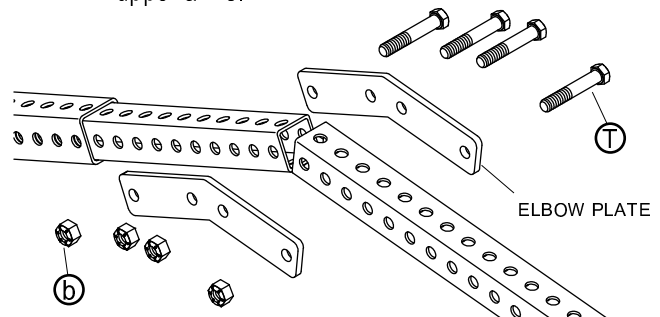


STEP 4: Mark cutting line on upper arm assembly. Cut both upper arm assemblies to equal length (length determined in step 3).

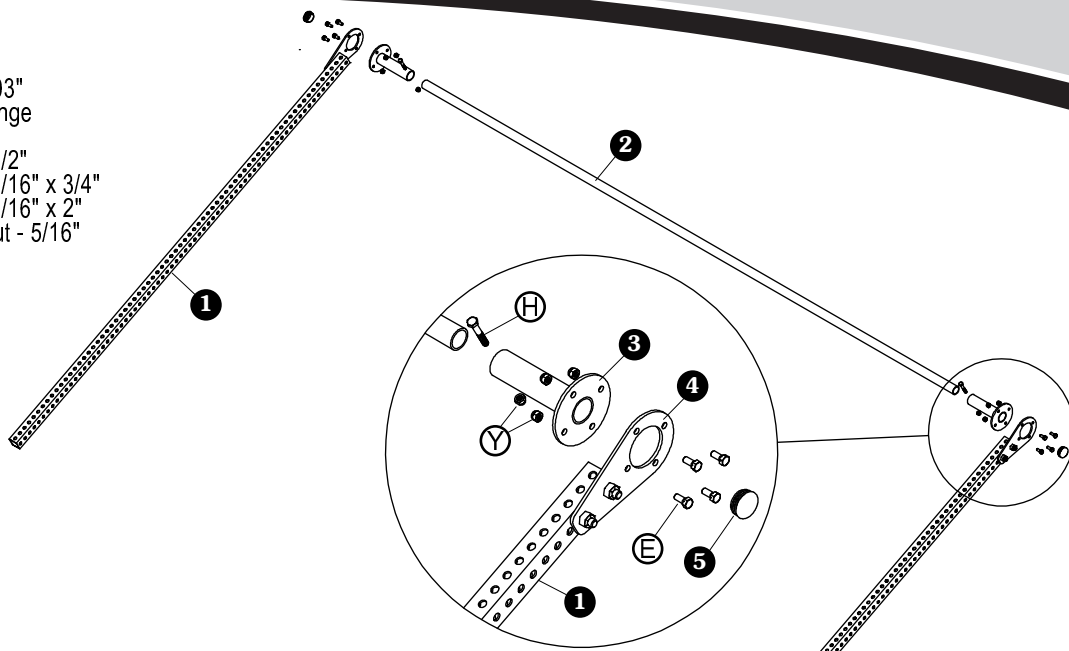
NOTE: Cut between holes.



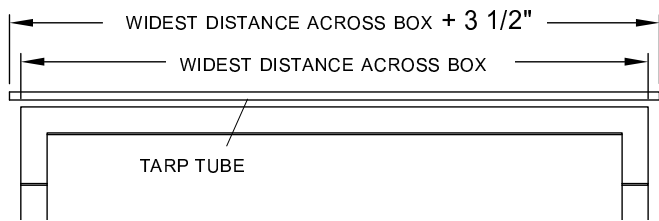
STEP 5: Fasten elbow plates to upper arms with screws 1 and nuts b. See page 16 for instructions to assemble upper arms.



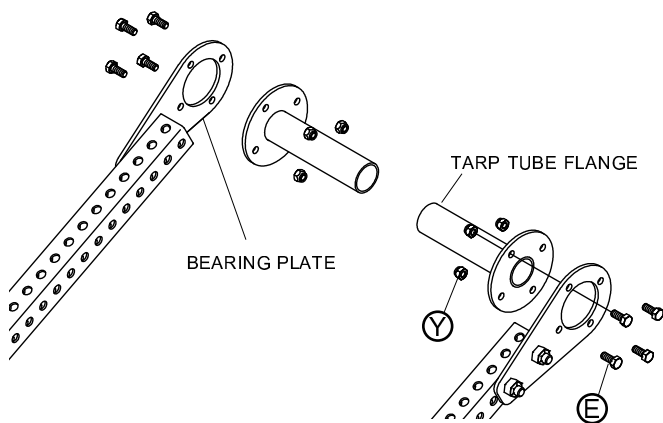
Item	Part #	Description
1.	1117104	Upper Arm
2.	1117102	Tarp Tube - 103"
3.	1117092	Tarp Tube Flange
4.	1117083	Bearing Plate
5.	1702587	End Plug - 1 1/2"
E.	1701045	Cap Screw - 5/16" x 3/4"
H.	1701420	Cap Screw - 5/16" x 2"
Y.	1700419	Nylon Lock Nut - 5/16"



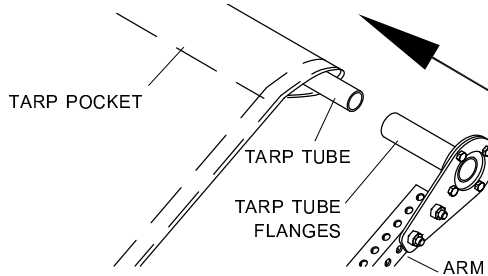
STEP 1: Cut tarp tube 3 1/2" longer than widest distance across box.



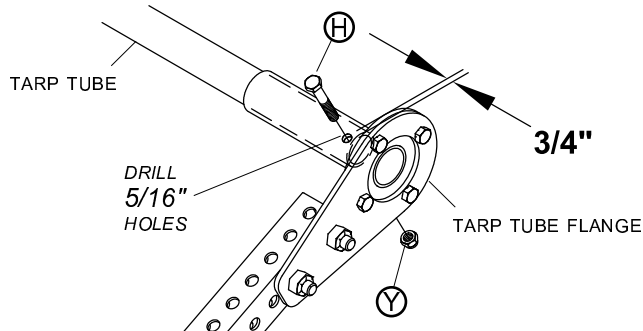
STEP 2: Fasten tarp tube flanges to bearing plates with screws **G** and nuts **Y**.



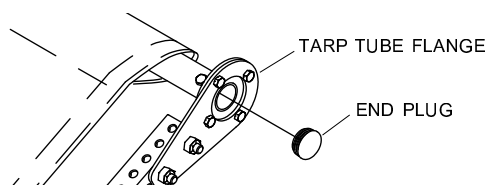
STEP 3: Insert tarp tube through pocket on rear of tarp. Slide tarp tube flanges over ends of tarp tube. Center tarp tube between arms, align arms parallel with each other and square with box.



STEP 4: Drill 5/16" holes through tarp tube flanges and tarp tube 3/4" from each end of tarp tube. Fasten with screws **G** and nuts **X**.

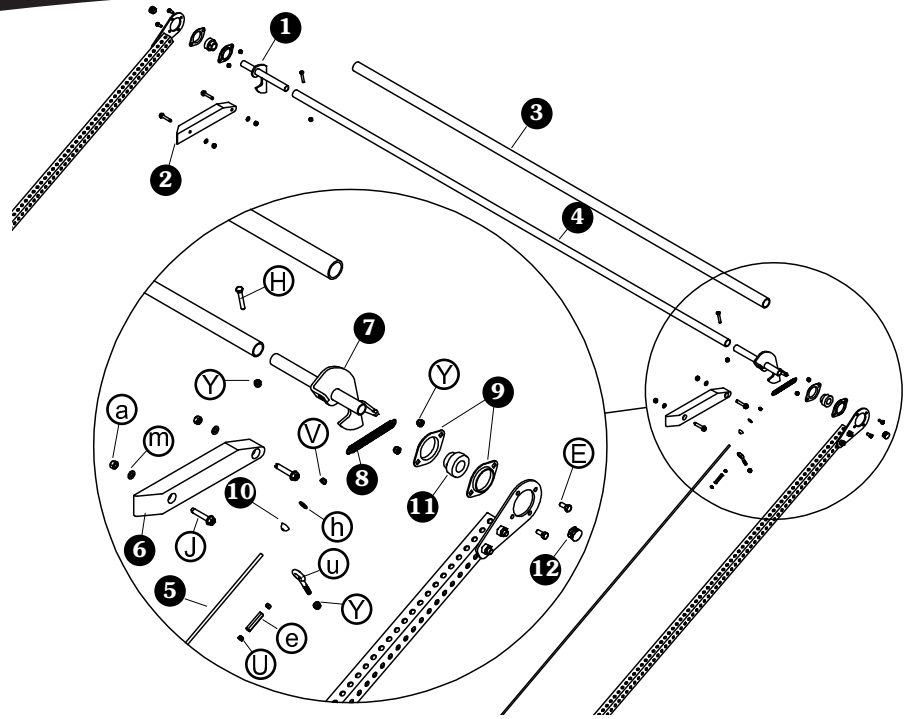


STEP 5: Insert end plugs into tarp tube flanges.

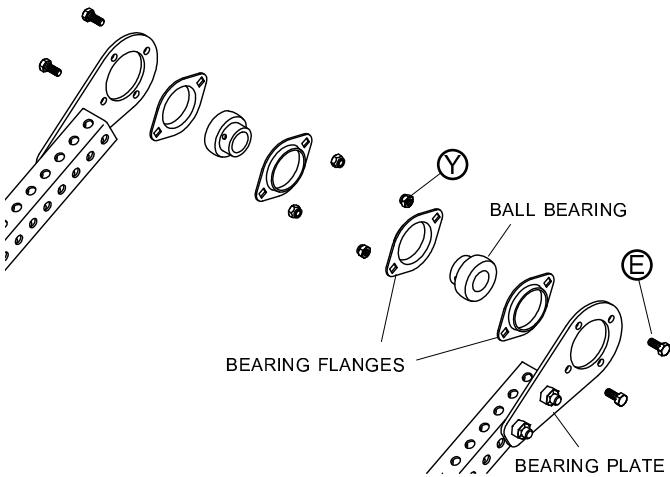


⚠ CAUTION
 Arms are under tension. Tighten screws and nuts securely on upper arms and tarp tube. Unsecured arms will be forced downward and could cause injury.

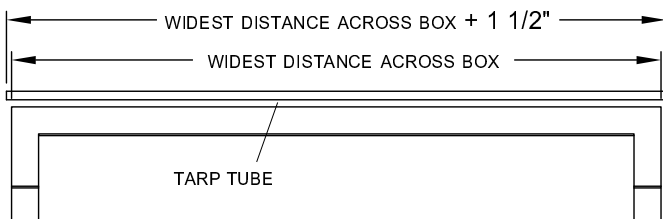
Item	Part #	Description
1.	1113823	Passenger Side Duo-Latch™
2.	1113825	Passenger Side Duo-Catch
3.	1113828	Cross Tube Bushing
4.	1117102	Tarp Tube - 103"
5.	1703046	Threaded Stock - 1/4" x 72"
6.	1113824	Driver Side Duo-Catch
7.	1117282	Driver Side Duo-Latch™
8.	1703045	Extension Spring - 9/16" x 6"
9.	1701054	Bearing Flange
10.	1113826	Spherical Bushing - 3/4"
11.	1702594	Radial Ball Bearing
12.	1701595	End Plug - 1"
E.	1701045	Cap Screw - 5/16" x 3/4"
H.	1701420	Cap Screw - 5/16" x 2"
J.	1701544	Self-Tapping Screw - 3/8" x 2"
U.	1700408	Hex Nut - 1/4"
V.	1701543	Nylon Lock Nut - 1/4"
Y.	1700419	Nylon Lock Nut - 5/16"
a.	1700407	Hex Nut - 3/8"
e.	1703049	Coupling Nut - 1/4" x 3/4"
h.	1700427	Flat Washer - 1/4"
m.	1700434	Lock Washer - 3/8"
u.	1701598	Eyebolt - 5/16" x 5/8"



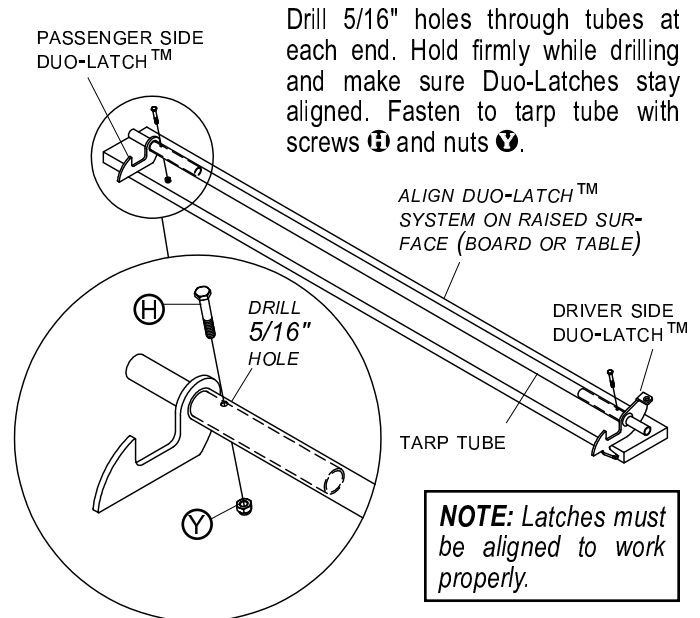
STEP 1: Assemble and fasten bearings and flanges onto bearing plate with screws **E** and nuts **Y**. Leave flanges loose enough to allow bearing alignment.



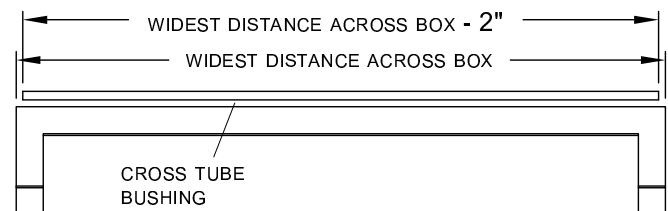
STEP 2: Cut tarp tube 1 1/2" longer than widest distance across box.



STEP 3: Insert driver and passenger side Duo-Latches into ends of tarp tube. Lay Duo-Latches and tarp tube on a raised flat surface and align.

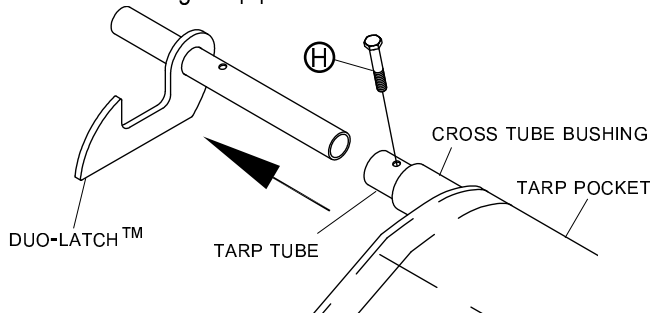


STEP 4: Cut cross tube bushing 2" less than widest distance across box.

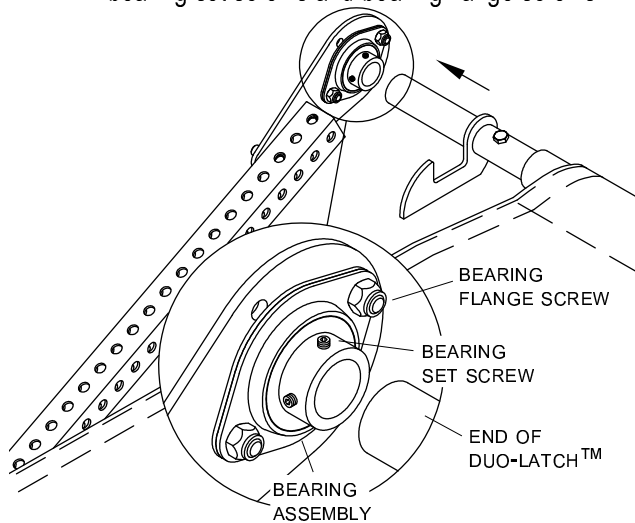


NOTE: Latches must be aligned to work properly.

STEP 5: Remove one Duo-Latch™ from tarp tube. Slide cross tube bushing over tarp tube, then slide both tubes through tarp pocket. Re-install Duo-Latch™.

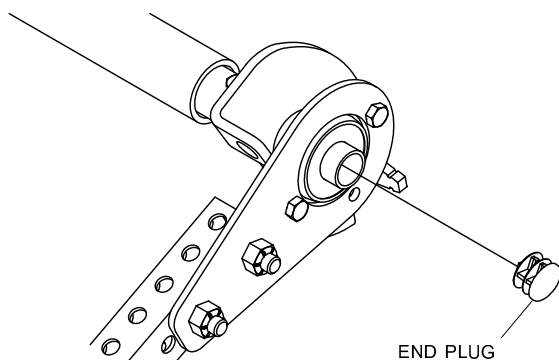


STEP 6: Insert Duo-Latch™ ends into bearing assemblies. Center tarp tube on box and make sure arms are parallel to each other and square with box. Tighten bearing set screws and bearing flange screws.

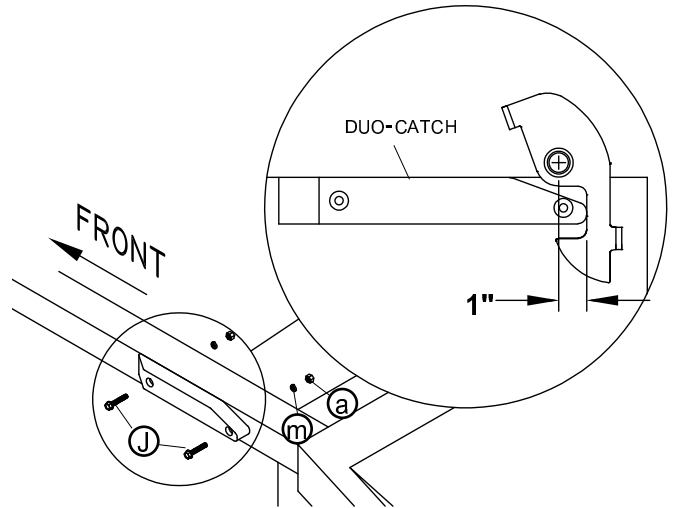


⚠ CAUTION
Arms are under tension. Tighten screws and nuts securely on upper arms and tarp tube. Unsecured arms will be forced downward and could cause injury.

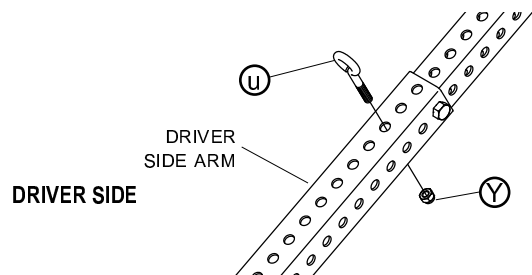
STEP 7: Insert end plugs.



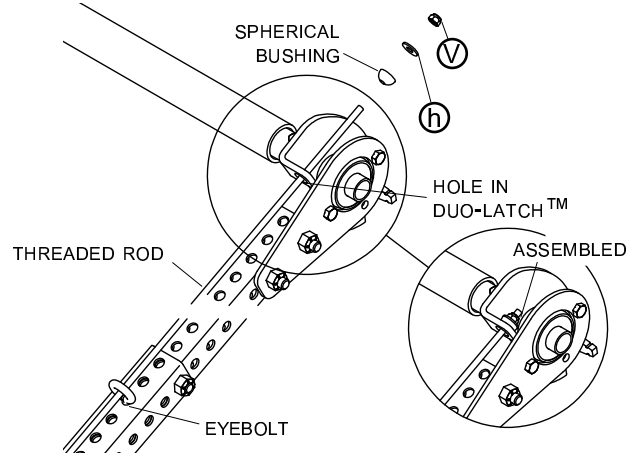
STEP 8: Locate Duo-Catches flush with top of box and 1" back from point where tarp tube rests on box. Using Duo-Catch as guide, mark and drill 3/8" holes (for enclosed side rails, drill 5/16" holes). Fasten with screws **h**, washers **m** and nuts **a**.



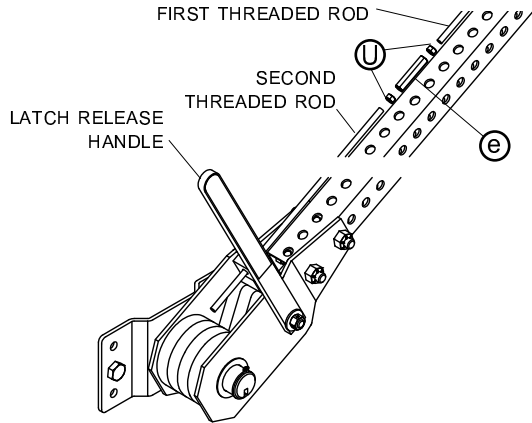
STEP 9: Insert eyebolt **u** through driver side arm at end of lower tube and fasten with nut **y**. Align eyebolt with arms.



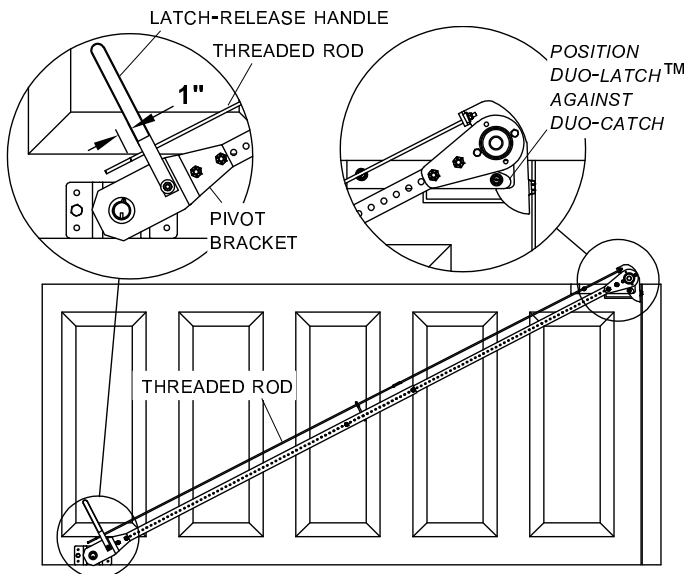
STEP 10: Slide threaded rod through eyebolt and hole in driver side Duo-Latch™. Slide spherical bushing and washer **h** onto threaded rod. Secure with nut **v**.



STEP 11: Insert second threaded rod through hole in latch-release handle and fasten to first threaded rod with coupling nut **(e)** and nuts **(u)**.

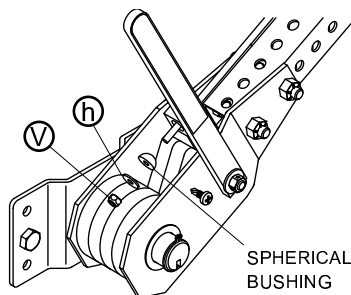


STEP 12: Position Duo-Latches™ against Duo-Catches and hold latch-release handle at a right angle to the pivot brackets. Mark threaded rod 1" past latch-release handle. Cut threaded rod at mark.

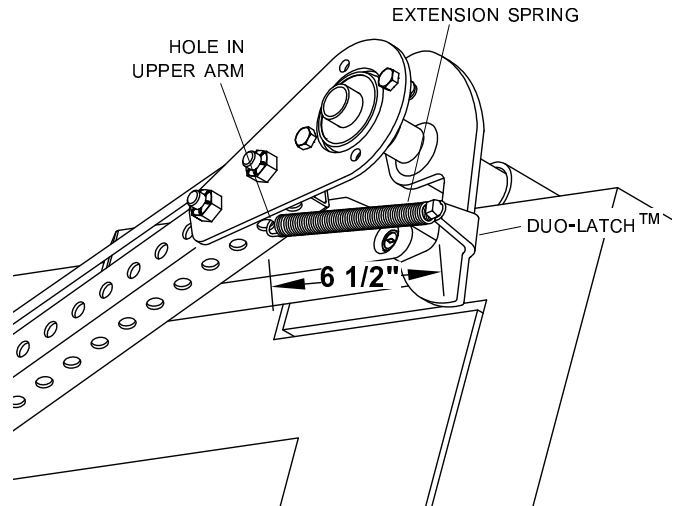


NOTE: Cutting tip - Thread nut on rod before cutting rod. Remove nut to clean threads after cutting.

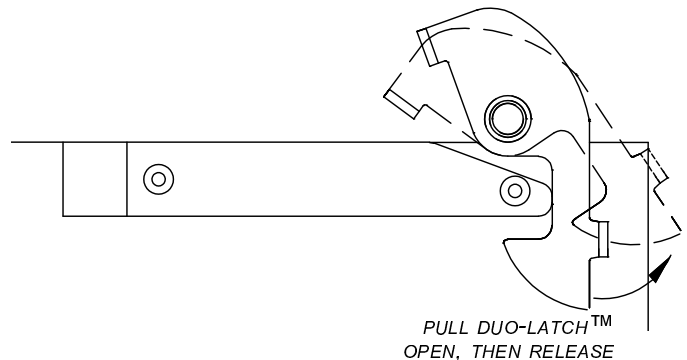
STEP 13: Slide spherical bushing and washer **(h)** onto threaded rod. Secure with nut **(v)**.



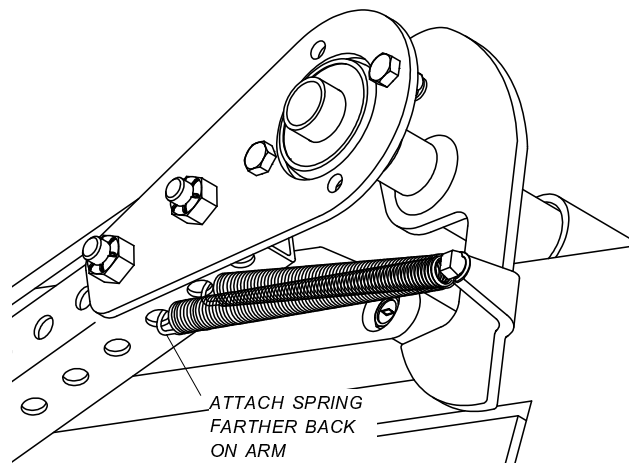
STEP 14: With Duo-Latch™ fully closed, locate hole in upper arm about 6 1/2" from spring notch in driver side Duo-Latch™. Attach one end of extension spring to this hole and attach opposite end of spring to Duo-Latch™.

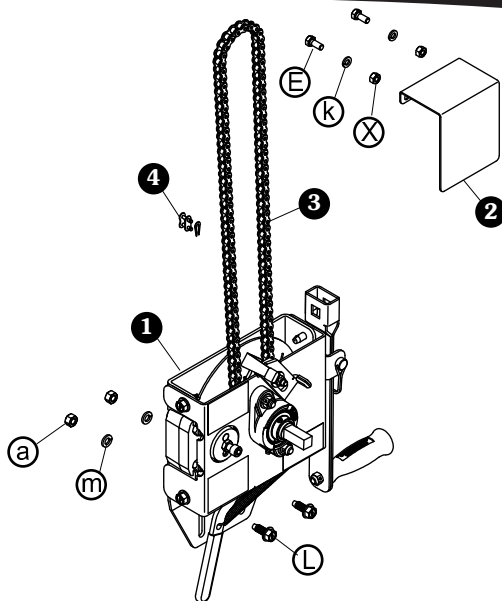


STEP 15: With tarp loose, pull Duo-Latch™ open, then release.



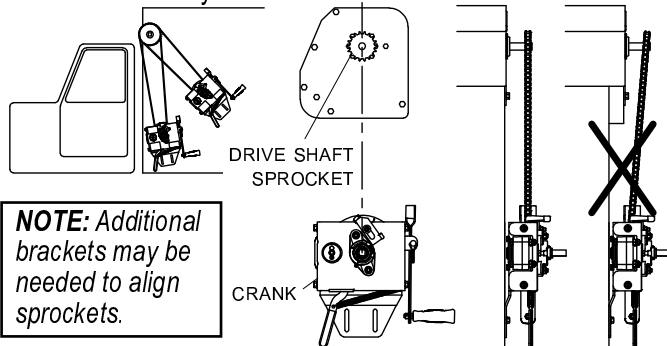
If Duo-Latch™ does not close easily, adjust tension on spring by attaching spring farther back on upper arm.



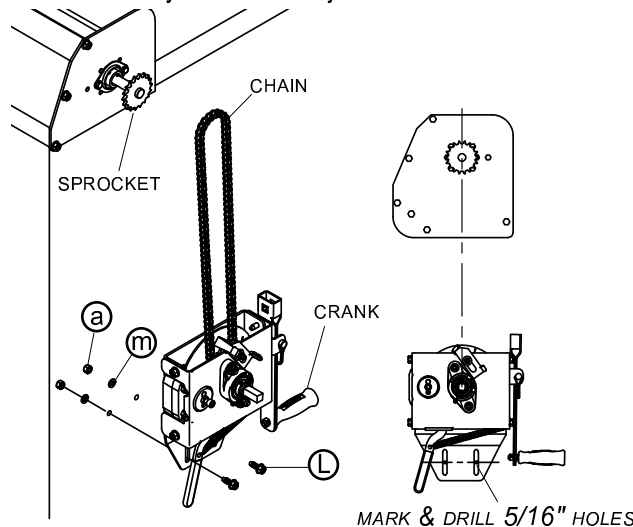


Item	Part #	Description
1.	1120394	Chain Drive Crank Assembly
2.	1120395	Chain Guard
3.	1109179	Roller Chain
4.	1701057	Connector Link
E.	1701045	Cap Screw - 5/16" x 3/4"
L.	1700400	Self-Tapping Screw - 3/8" x 1"
X.	1700411	Hex Nut - 5/16"
a.	1700407	Hex Nut - 3/8"
k.	1700433	Lock Washer - 5/16"
m.	1700434	Lock Washer - 3/8"

STEP 1: Determine mounting location for crank. Drive shaft sprocket and crank sprocket must line up to work correctly.

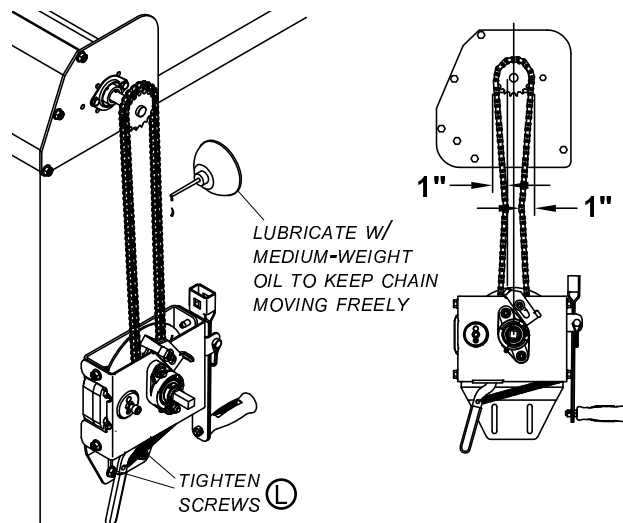


STEP 2: Using crank mounting holes as a guide, mark and drill 5/16" holes in box. Fasten with screws L, washers m and nuts a, leaving fasteners loose enough for crank assembly to slide for adjustment.

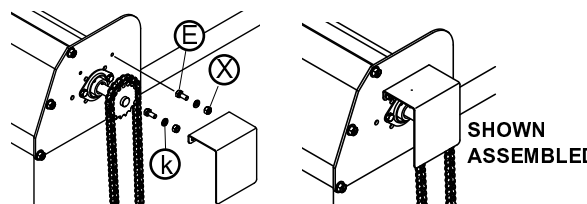


STEP 3: To determine chain length, wrap chain around both sprockets and pull crank assembly up until screws L are in the middle of adjustment slots. Mark chain and remove excess links. Connect ends together with connector link.

STEP 4: Adjust chain tension by having an assistant pull downward on crank assembly. When chain can be deflected about 1", tighten screws L.



STEP 5A: Standard chain guard. Align chain guard over chain as shown. Using holes in chain guard as a guide, mark and drill 5/16" holes. Fasten with screws E, washers k and nuts X.





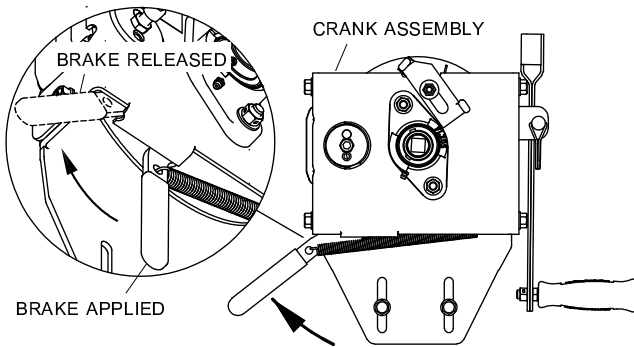
WARNING

Do not operate tarp system beneath power lines.

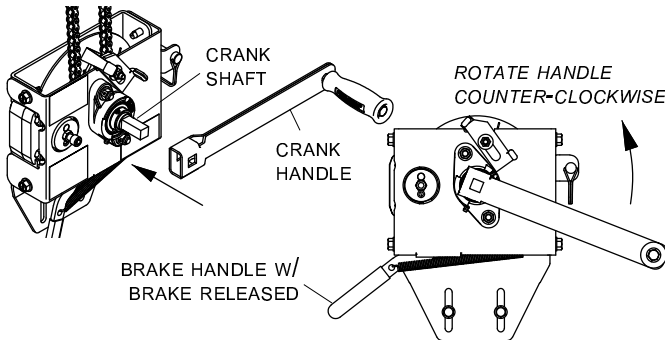
Do not operate tarp system while people are near. Failure to follow these warnings could result in damages, serious injury or death.

TO OPEN TARP

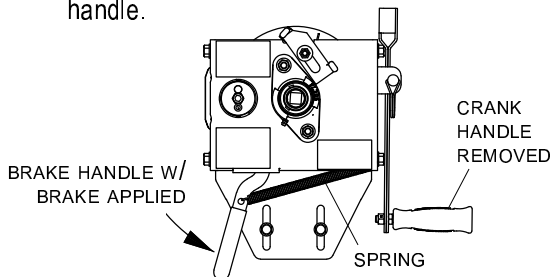
STEP 1: Pull brake handle into brake retainer to release brake.



STEP 2: Slide crank handle onto square crank shaft. Crank counter-clockwise until tarp is completely open.



STEP 3: Pull brake handle out of brake retainer. Allow spring to pull handle and apply brake, then remove crank handle.



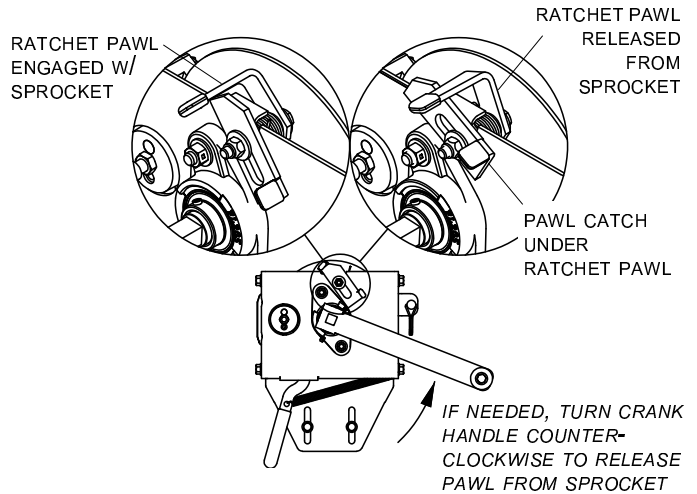
WARNING

Always remove crank handle before closing tarp. Failure to do so could result in damages, serious injury or death.

TO CLOSE TARP

STEP 1: Make sure brake is applied (see step 1 in *To Open Tarp*).

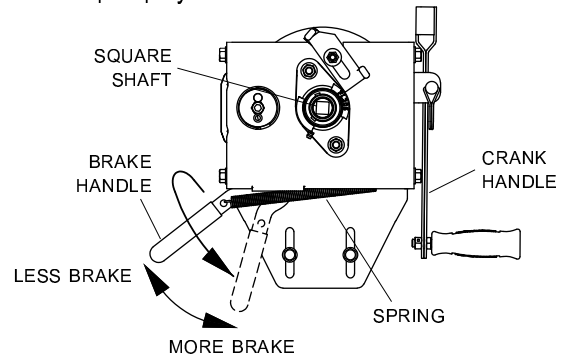
STEP 2: Rotate ratchet pawl clockwise to release pawl from sprocket. Slide pawl catch under ratchet pawl to hold pawl open.



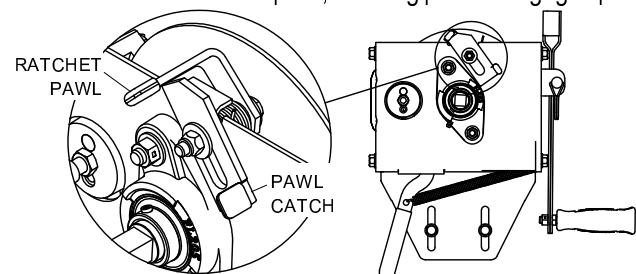
WARNING

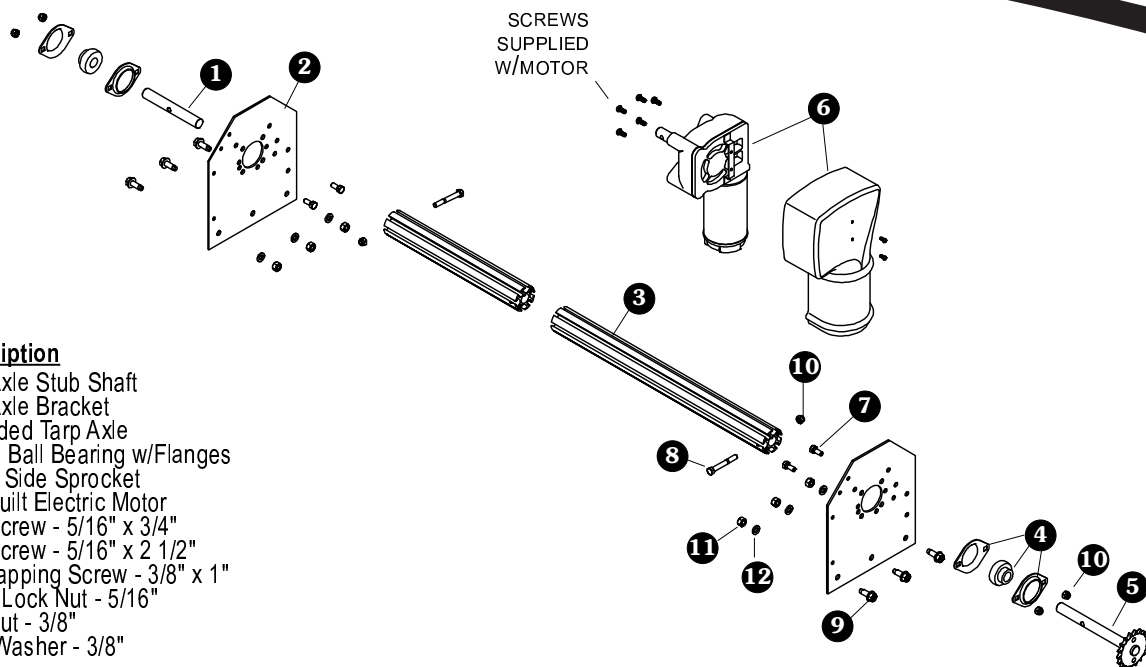
Do not release ratchet pawl unless brake is applied. Only release ratchet pawl when closing tarp. Failure to follow these warnings could result in damages, serious injury or death.

STEP 3: Remove crank handle from square shaft. Pull back on brake handle to release brake and deploy tarp. Speed of tarp deployment is controlled with brake handle.



STEP 4: After tarp has been closed, slide pawl catch out from under ratchet pawl, allowing pawl to engage sprocket.



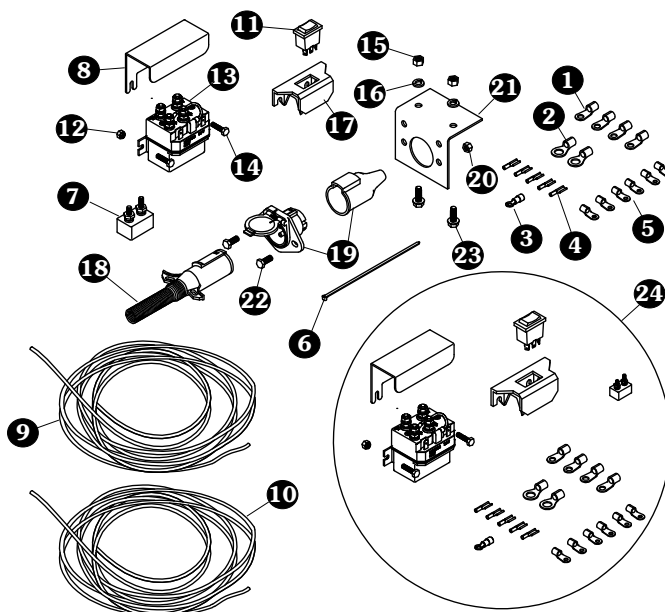


FRONT DRIVE

Item	Part #	Description
1.	1114940	Tarp Axle Stub Shaft
2.	1117080	Tarp Axle Bracket
3.	1114961	Threaded Tarp Axle
4.	1703374	Radial Ball Bearing w/Flanges
5.	1120327	Driver Side Sprocket
6.	1704878	Durabuilt Electric Motor
7.	1701045	Cap Screw - 5/16" x 3/4"
8.	1703237	Cap Screw - 5/16" x 2 1/2"
9.	1700400	Self-Tapping Screw - 3/8" x 1"
10.	1700419	Nylon Lock Nut - 5/16"
11.	1700407	Hex Nut - 3/8"
12.	1700434	Lock Washer - 3/8"

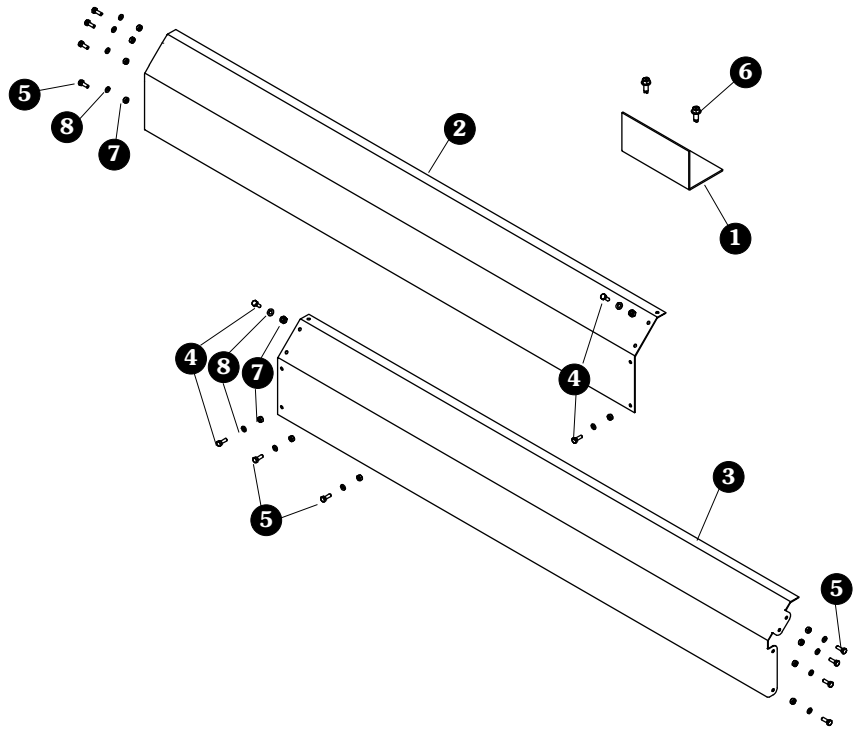
ELECTRIC WIRING

Item	Part #	Description
	1109016	Dual-Pole Conductor w/Hardware
1.	1703245	Ring Terminal - 6 Ga. x #10 Stud - Motor/Breaker
2.	1703244	Ring Terminal - 6 Ga. x 3/8" Stud - Battery
3.	1704153	Ring Terminal - 14 Ga. x 1/4" Stud - Solenoid
4.	1703659	Push-On Terminal - 14 Ga. x 1/4" - Switch/Solenoid
5.	1702707	Ring Terminal - 6 Ga. x 1/4" Stud - Motor/Solenoid
6.	1703231	Cable Tie - 8"
7.	1703480	50-Amp Auto-Reset Circuit Breaker
8.	1703896	Solenoid Cover
9.	1110312	Dual-Conductor Wire - 6 Ga. 50'
10.	1116482	Electrical Wire - 14 Ga. Lead - 15'
11.	1116020	Rocker Switch
12.	1701543	Nylon Lock Nut - 1/4"
13.	1703845	Motor Reversing Solenoid
14.	1700381	Cap Screw - 1/4" x 1"
15.	1700407	Hex Nut - 3/8"
16.	1700434	Lock Washer - 3/8"
17.	1703661	Mounting Bracket - Rocker Switch
18.	1115385	Heavy-Duty Dual-Conductor Plug
19.	1119557	Heavy-Duty Dual-Conductor Socket w/Boot
20.	1700411	Hex Nut - 5/16"
21.	1109015	Mounting Bracket - Conductor Plug
22.	1701045	Cap Screw - 5/16" x 3/4"
23.	1700400	Self-Tapping Screw - 3/8" x 1"
24.	1116271	Electrical Parts Kit - Rocker Switch - 50 Amp



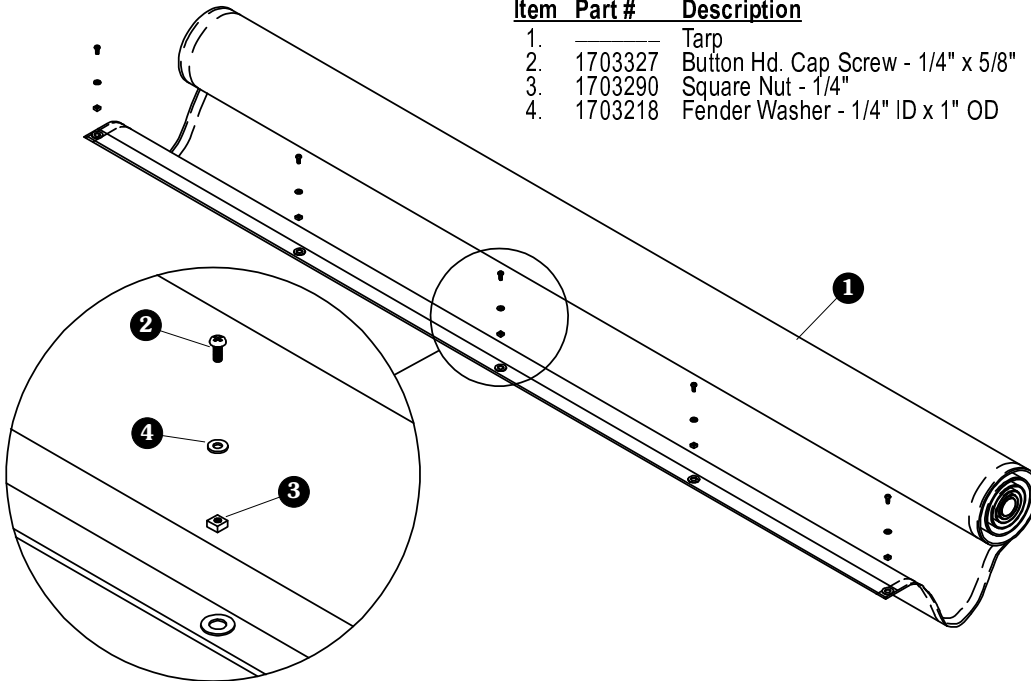
WINDSHIELD

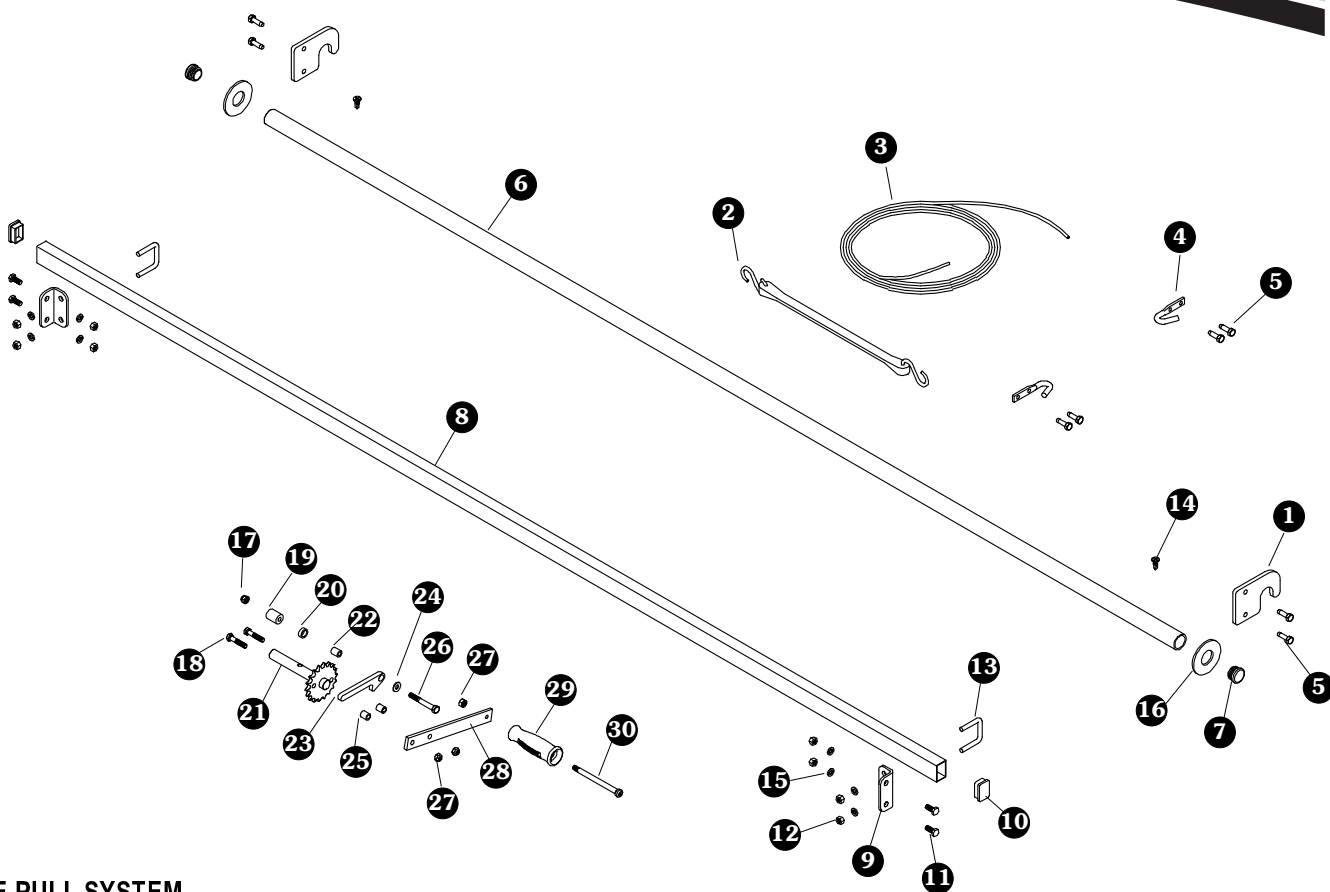
Item	Part #	Description
1.	1113835	Windshield Brace
2.	1117090	Windshield - Passenger Side
3.	1117089	Windshield - Driver Side
4.	1703960	Cap Screw - 1/4" x 1/2"
5.	1703959	Cap Screw - 1/4" x 3/4"
6.	1700400	Self-Tapping Screw - 3/8" x 1"
7.	1700408	Hex Nut - 1/4"
8.	1700436	Lock Washer - 1/4"



TARP

Item	Part #	Description
1.	---	Tarp
2.	1703327	Button Hd. Cap Screw - 1/4" x 5/8"
3.	1703290	Square Nut - 1/4"
4.	1703218	Fender Washer - 1/4" ID x 1" OD





ROPE PULL SYSTEM

GATE HOOKS & ROPE RETURN

Item	Part #	Description
1.	1701201	Gate Hook
2.	1700649	Rubber Tarp Strap - 15"
3.	1100469	Solid Braid Rope - 32'
4.	1700682	Box Hook - 3/8" x 3 1/4"
5.	1701059	Self-Tapping Screw - 5/16" x 1"

TARP GUIDE & TARP TUBE

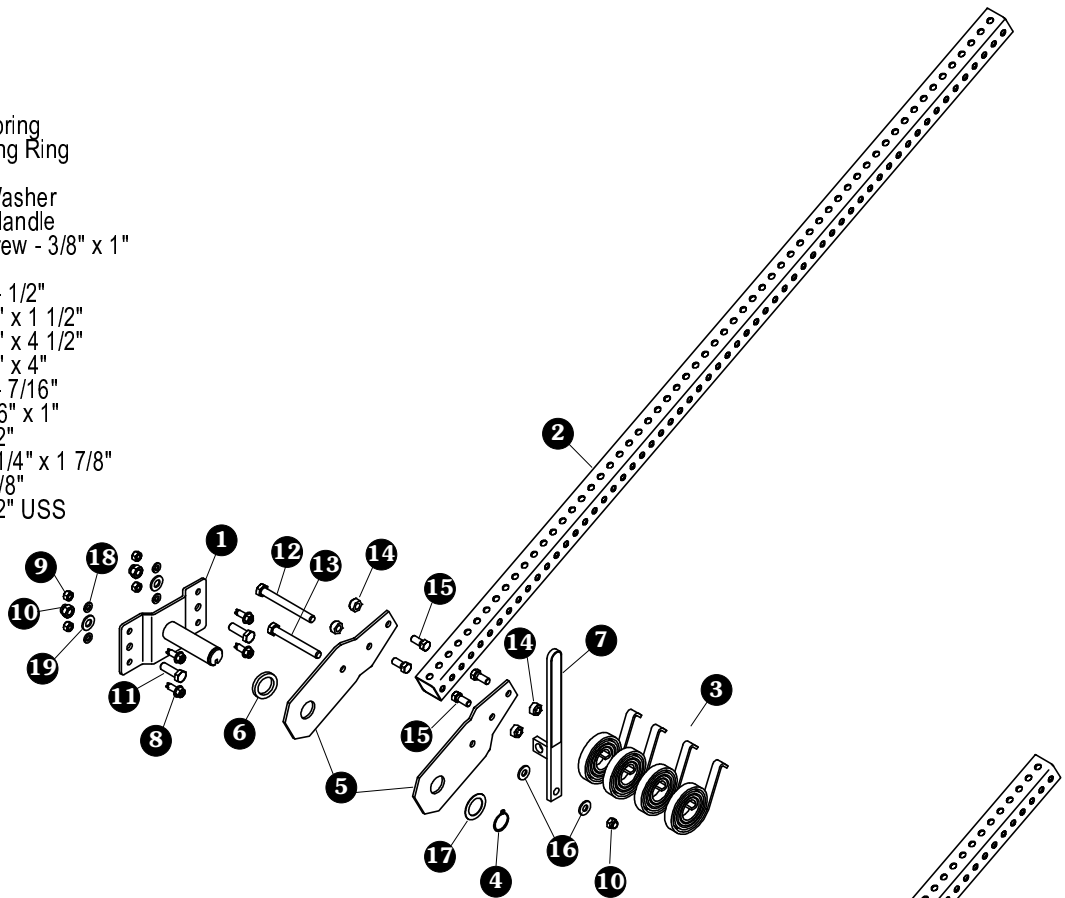
Item	Part #	Description
6.	1117102	Tarp Tube - 103"
7.	1703881	Cap Plug - 1 1/4" x 14 - 16 Ga.
8.	1105238	Tarp Guide
9.	1115369	Tarp Guide Mounting Angle
10.	1701207	End Plug - 1" x 1 1/2"
11.	1701045	Cap Screw - 5/16" x 3/4"
12.	1700411	Hex Nut - 5/16"
13.	1701200	Square U-Bolt - 5/16" x 1 9/16" x 1" x 1 3/4"
14.	1704764	Self-Drilling Screw - 1/4" x 3/4"
15.	1700433	Lock Washer - 5/16"
16.	1701209	Flat Washer - 1 1/8"

CRANK

Item	Part #	Description
17.	1700419	Nylon Lock Nut - 5/16"
18.	1701468	Cap Screw - 5/16" x 1 3/4"
19.	1117284	Toggle Spacer
20.	1701197	Sleeve Bearing - 1/2" ID x 11/16" OD
21.	1117093	Driver Side Sprocket
22.	1701196	Sleeve Bearing - 5/16" ID x 1/2" OD
23.	1701194	Toggle
24.	1700427	Flat Washer - 1/4"
25.	1108917	Guard Spacer
26.	1703237	Cap Screw - 5/16" x 2 1/2"
27.	1702492	Top Lock Nut - 5/16"
28.	1117286	Direct-Drive Crank Handle
29.	1701353	Molded Handle
30.	1701199	Shoulder Bolt - 5/16" Thd. x 4 1/2"

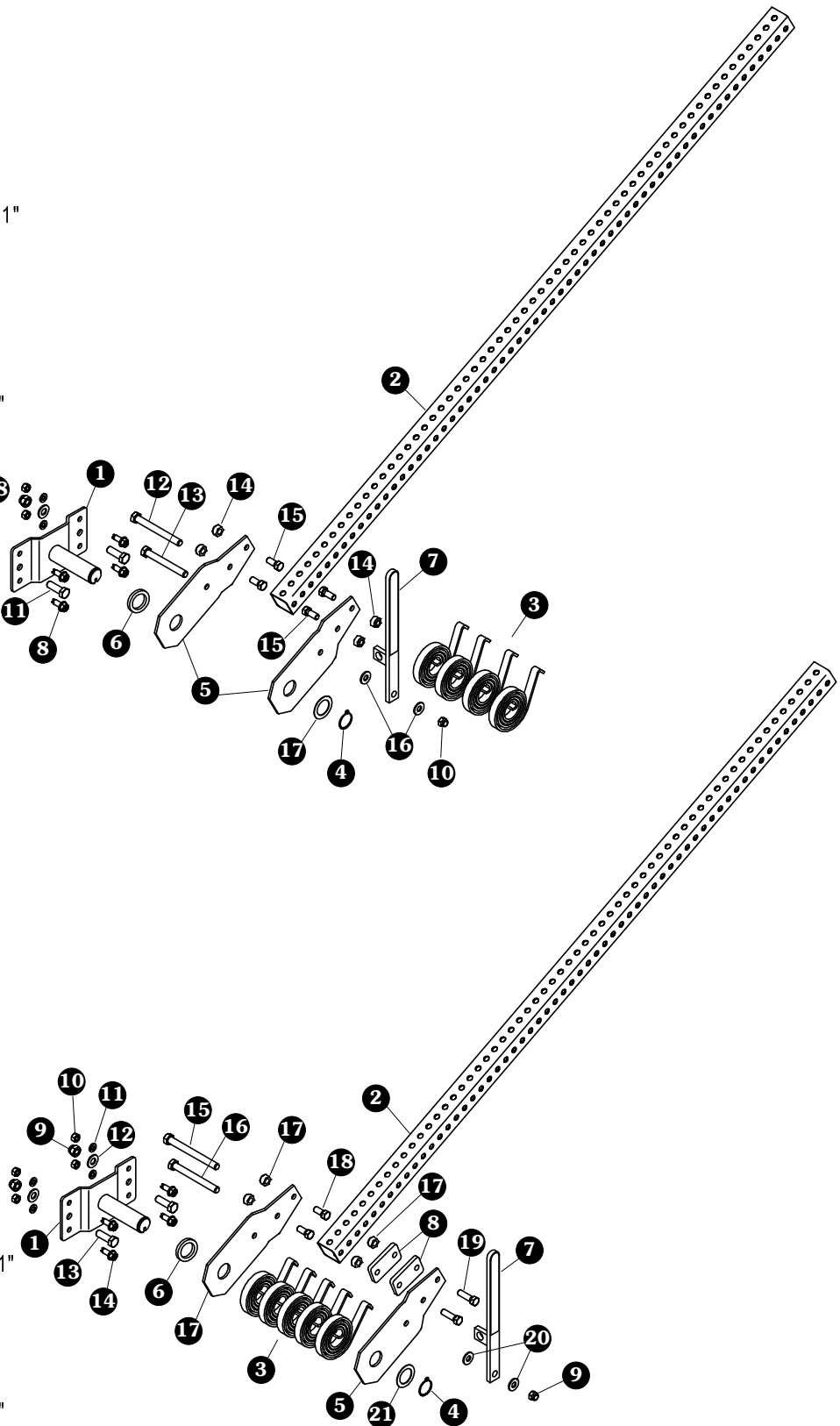
4-SPRING LOWER ARM

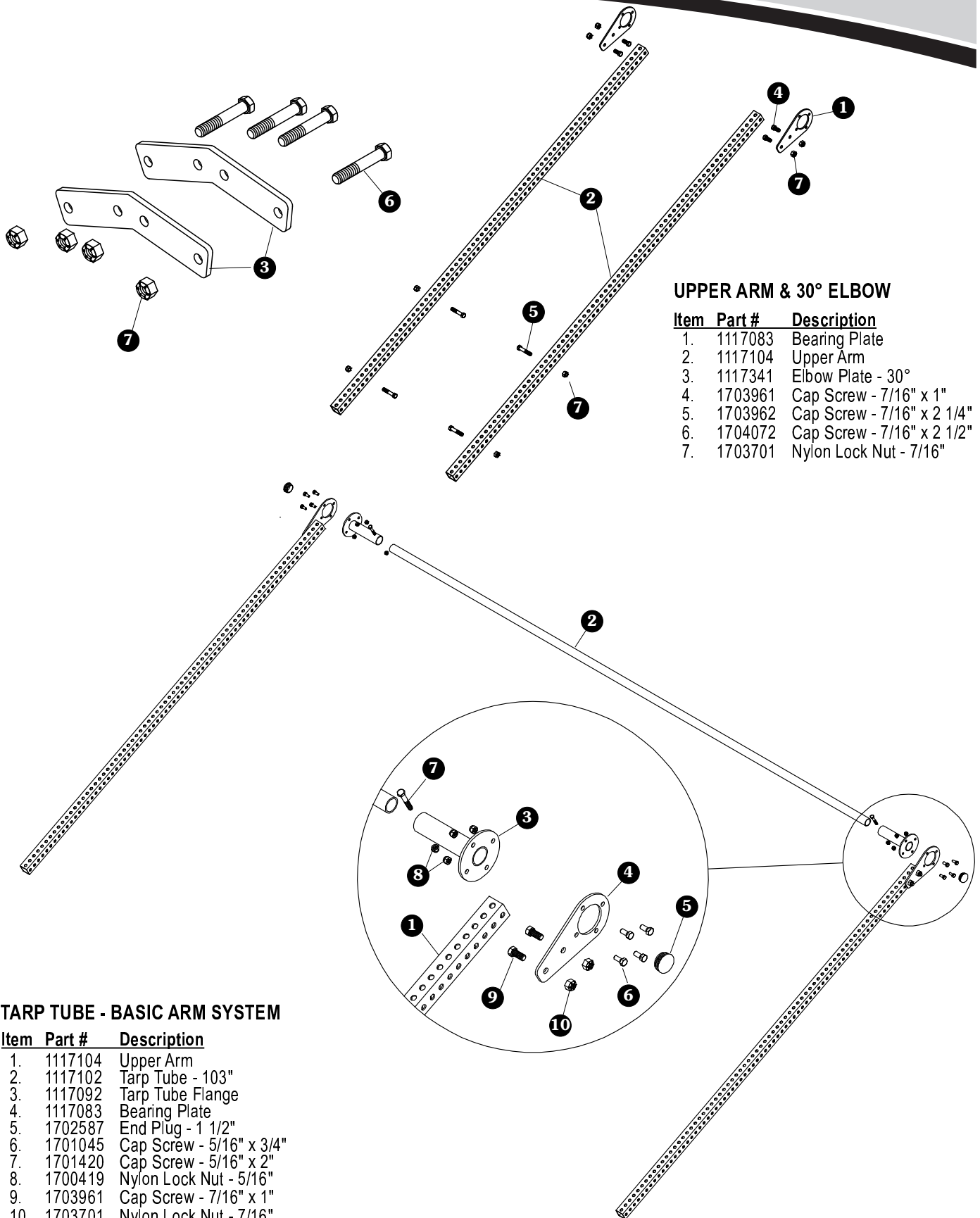
Item	Part #	Description
1.	1116994	Pivot Bracket
2.	1117103	Lower Arm
3.	1111027	Spiral Torsion Spring
4.	1702888	External Retaining Ring
5.	1117085	Pivot Bracket
6.	1118318	HDPE Spacer Washer
7.	1113819	Latch-Release Handle
8.	1700400	Self-Tapping Screw - 3/8" x 1"
9.	1700407	Hex Nut - 3/8"
10.	1702115	Nylon Lock Nut - 1/2"
11.	1702075	Cap Screw - 1/2" x 1 1/2"
12.	1202447	Cap Screw - 1/2" x 4 1/2"
13.	1704656	Cap Screw - 1/2" x 4"
14.	1703701	Nylon Lock Nut - 7/16"
15.	1703961	Cap Screw - 7/16" x 1"
16.	1703373	Flat Washer - 1/2"
17.	1702890	Flat Washer - 1 1/4" x 1 7/8"
18.	1700434	Lock Washer - 3/8"
19.	1702114	Flat Washer - 1/2" USS



5-SPRING LOWER ARM

Item	Part #	Description
1.	1116994	Pivot Bracket
2.	1117103	Lower Arm
3.	1111027	Spiral Torsion Spring
4.	1702888	External Retaining Ring
5.	1117085	Pivot Bracket
6.	1118318	HDPE Spacer Washer
7.	1113819	Latch-Release Handle
8.	1117343	Pivot Bracket Spacer
9.	1702115	Nylon Lock Nut - 1/2"
10.	1700407	Hex Nut - 3/8"
11.	1700434	Lock Washer - 3/8"
12.	1702114	Flat Washer - 1/2" USS
13.	1702075	Cap Screw - 1/2" x 1 1/2"
14.	1700400	Self-Tapping Screw - 3/8" x 1"
15.	1702113	Cap Screw - 1/2" x 5"
16.	1202447	Cap Screw - 1/2" x 4 1/2"
17.	1703701	Nylon Lock Nut - 7/16"
18.	1703961	Cap Screw - 7/16" x 1"
19.	1704071	Cap Screw - 7/16" x 1 1/2"
20.	1703373	Flat Washer - 1/2"
21.	1702890	Flat Washer - 1 1/4" x 1 7/8"





UPPER ARM & 30° ELBOW

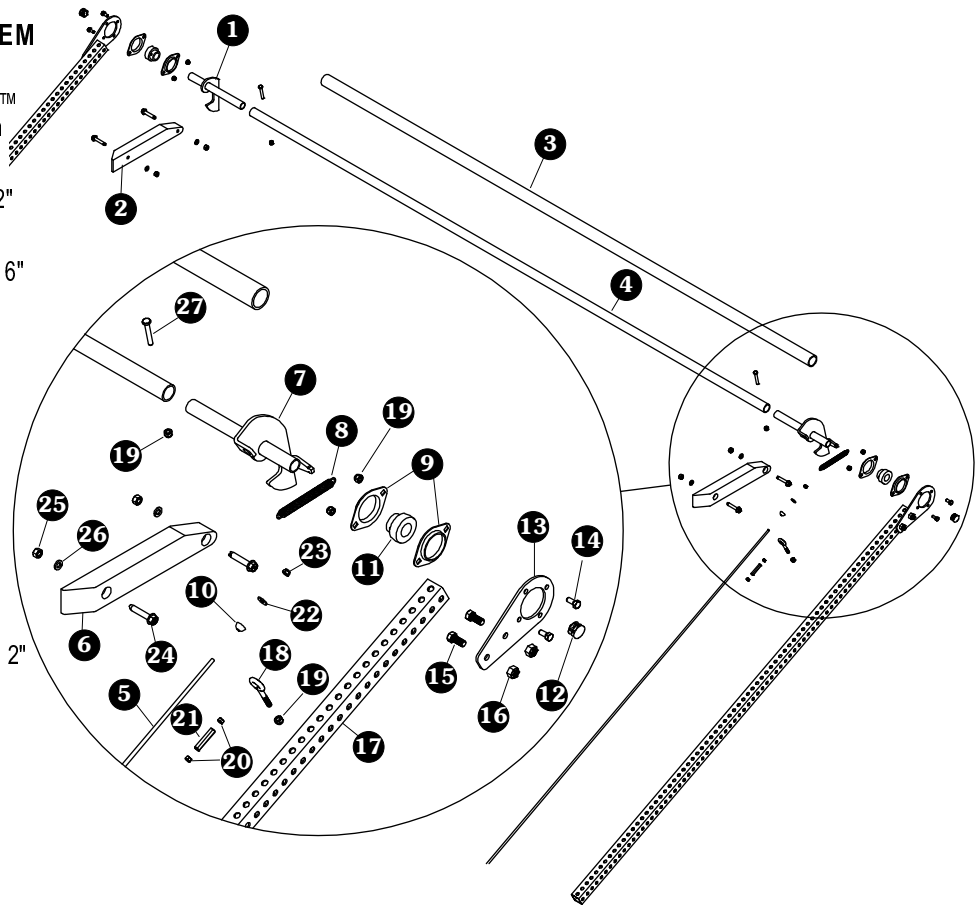
Item	Part #	Description
1.	1117083	Bearing Plate
2.	1117104	Upper Arm
3.	1117341	Elbow Plate - 30°
4.	1703961	Cap Screw - 7/16" x 1"
5.	1703962	Cap Screw - 7/16" x 2 1/4"
6.	1704072	Cap Screw - 7/16" x 2 1/2"
7.	1703701	Nylon Lock Nut - 7/16"

TARP TUBE - BASIC ARM SYSTEM

Item	Part #	Description
1.	1117104	Upper Arm
2.	1117102	Tarp Tube - 103"
3.	1117092	Tarp Tube Flange
4.	1117083	Bearing Plate
5.	1702587	End Plug - 1 1/2"
6.	1701045	Cap Screw - 5/16" x 3/4"
7.	1701420	Cap Screw - 5/16" x 2"
8.	1700419	Nylon Lock Nut - 5/16"
9.	1703961	Cap Screw - 7/16" x 1"
10.	1703701	Nylon Lock Nut - 7/16"

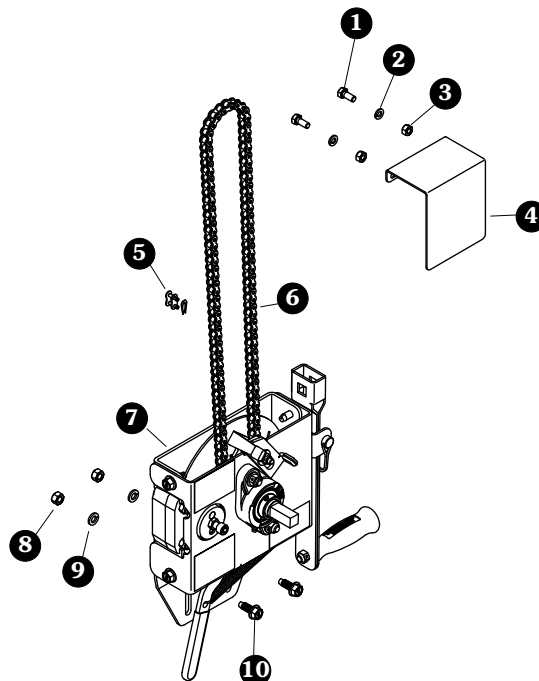
TARP TUBE - LATCHING ARM SYSTEM

Item	Part #	Description
1.	1113823	Passenger Side Duo-Latch™
2.	1113825	Passenger Side Duo-Catch
3.	1113828	Cross Tube Bushing
4.	1117102	Tarp Tube - 103"
5.	1703046	Threaded Stock - 1/4" x 72"
6.	1113824	Driver Side Duo-Catch
7.	1117282	Driver Side Duo-Latch™
8.	1703045	Extension Spring - 9/16" x 6"
9.	1701054	Bearing Flange
10.	1113826	Spherical Bushing - 3/4"
11.	1702594	Radial Ball Bearing
12.	1701595	End Plug - 1"
13.	1117083	Bearing Plate
14.	1701045	Cap Screw - 5/16" x 3/4"
15.	1703961	Cap Screw - 7/16" x 1"
16.	1703701	Nylon Lock Nut - 7/16"
17.	1117104	Upper Arm
18.	1701598	Eyebolt - 5/16" x 5/8"
19.	1700419	Nylon Lock Nut - 5/16"
20.	1700408	Hex Nut - 1/4"
21.	1703049	Coupling Nut - 1/4" x 3/4"
22.	1700427	Flat Washer - 1/4"
23.	1701543	Nylon Lock Nut - 1/4"
24.	1701544	Self-Tapping Screw - 3/8" x 2"
25.	1700407	Hex Nut - 3/8"
26.	1700434	Lock Washer - 3/8"
27.	1701420	Cap Screw - 5/16" x 2"



MANUAL CRANKS

Item	Part #	Description
1.	1701045	Cap Screw - 5/16" x 3/4"
2.	1700433	Lock Washer - 5/16"
3.	1700411	Hex Nut - 5/16"
4.	1120395	Chain Guard
5.	1701057	Connector Link
6.	1109179	Roller Chain
7.	1120394	Chain Drive Crank Assembly
8.	1700407	Hex Nut - 3/8"
9.	1700434	Lock Washer - 3/8"
10.	1700400	Self-Tapping Screw - 3/8" x 1"



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- **Genuine Replacement Tarps**
- **Genuine Replacement Parts**

- **Agriculture Products**
 - Value Series Shur-Lok®
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 - Shur-Lok® Junior
 - Premium Belt 'n Ratchet
 - Cable-Lok™
 - Turning Point™ Bow

- **SMARTrailer™ Accessories for Agriculture Products**
 - SMART2™ Remote
 - SMART1 +™ Remote
 - 4500 Series HD Electric
 - Electric Shur-Lok®
 - AutoTrap™ Hopper Opener
 - ProTrap® Hopper Opener
 - Electric Gate & Hoist
 - LiteALL™ Work Lights
 - Cable-Lok™ Electric Upgrade
 - Electric Turning Point™ Bow
 - Solar Power Pack

- **Flatbed Products**
 - ShurTite™ Retractable Tarps
 - Stock Lumber & Steel Tarps

- **Custom Products**
 - Fitted Truck Covers
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 - Bean Drill Covers
 - Shur-Lok® Tarp Cords
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 - Super Duty Shur-Lok®
 - Shur-Trak II™
 - Cover-Pro II®
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 - IronSide™ Side-Dump System
 - Arm-Matic™
 - DuraPull™
 - Econo-Pull™
 - Turbo Tarp2™
 - 2000 Series
 - 5000 Series
 - Hammer™
 - Bullet™
 - Flash™
 - Long Arm™

- **SMARTrailer™ Accessories for Construction Products**
 - 4500 Series HD Electric w/Gate Flex™
 - Shur-Trak II™ Electric Upgrade
 - Cover-Pro II® Electric Upgrade
 - Electric Turning Point™ Bow
 - Solar Power Pack

- **Waste Products**
 - The Ox™
 - Quick-Flip III™
 - Sidewinder™
 - Sidewinder™ 350
 - HyTower™ SL
 - HyTower™ DL
 - Double-Flip™

TARPING SYSTEMS & ACCESSORIES

