



TARPING SYSTEMS & ACCESSORIES

P/N 1127624 Rev. B

OWNER'S MANUAL



For Potato Boxes

READ BEFORE INSTALLING

PO BOX 713 ■ 2309 SHUR-LOK STREET ■ YANKTON, SD 57078-0713
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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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Ph 866.356.0242 | Fax 330.297.5599

SHUR-CO® UK, Ltd.
Unit 41 Rochester Airport Estates
Laker Rd., Rochester, Kent ME1 3QX
Ph +44 (0)1795.473499
Fax +44 (0)871.272.8278

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Ph 866.356.0242 | Fax 330.297.5599

For more information, 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. 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.

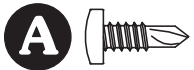
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TOOLS REQUIRED

1. Welder
2. Hammer
3. Center Punch or Transfer Punch
4. #3 Phillips Insert Bit
5. Air or Electric Impact Wrench (9/16" deep socket)
6. 7/16" Deep Socket
7. 3/8" Combination Wrench
8. 9/16" Combination Wrench
9. 1/2" Combination Wrench
10. 1/8" Hex Wrench Long T-Handle
11. 3/16" Hex Wrench Long T-Handle (recommended)
12. 7/32" Drill Bit
13. 5/16" Drill Bit (for 3/8" self-tapping screws)
14. 11/32" Drill Bit
15. 13/32" Drill Bit
16. 3/8" Drill
17. 1 1/8" Hole Saw
18. 1 1/2" Hole Saw
19. 2" Hole Saw (if bracket for conductor socket is not used)
20. Standard/Flathead Screwdriver
21. #2 Phillips Screwdriver
22. Utility Knife
23. Ratchet
24. Hack Saw (metal cutter)
25. Pliers
26. Snap-Ring Pliers
27. Wire Cutters
28. Grinder
29. Tape Measure

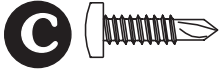
Inspect all parts upon arrival.



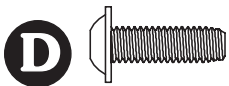
A 1700398 Pan Hd. Self-Drilling Screw - 1/4" x 3/4"



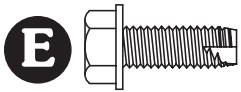
B 1704768 Flat Hd. Self-Drilling Screw - 1/4" x 3/4"



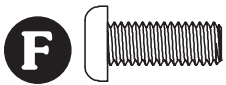
C 1705198 Self-Drilling Screw - 1/4" x 1"



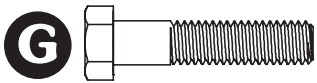
D 1704441 Self-Tapping Screw - 5/16" x 1"



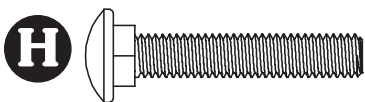
E 1700400 Self-Tapping Screw - 3/8" x 1"



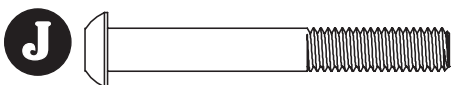
F 1705322 Button Hd. Screw - 3/8" x 1"



G 1705680 Cap Screw - 3/8" x 1 3/4"



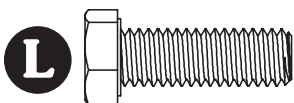
H 1704516 Carriage Bolt - 3/8" x 2 1/2"



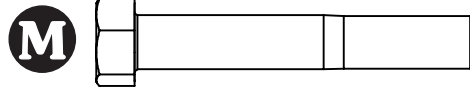
J 1705758 Button Hd. Cap Screw - 3/8" x 3"



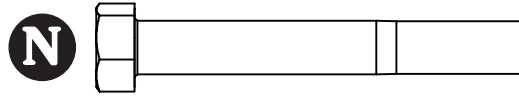
K 1706012 Button Hd. Cap Screw - 3/8" x 4"



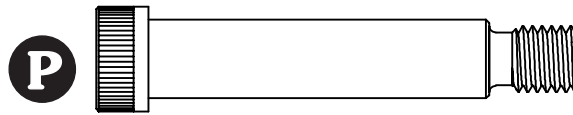
L 1702075 Cap Screw - 1/2" x 1 1/2"



M 1704808 Cap Screw - 1/2" x 3 1/4"



N 1705687 Cap Screw - 1/2" x 3 3/4"



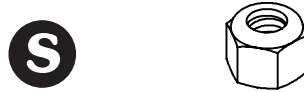
P 1705694 Shoulder Bolt - 3/4" x 3" Thd.



Q 1704297 Nylon Lock Nut - 5/16"



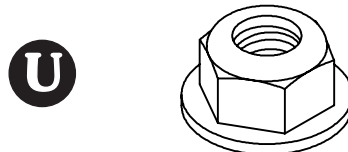
R 1700407 Hex Nut - 3/8"



S 1701580 Nylon Lock Nut - 3/8"



T 1702115 Nylon Lock Nut - 1/2"



U 1705695 Flanged Nylon Lock Nut - 5/8"



V 1700428 Flat Washer - 5/16"



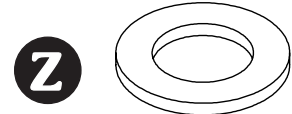
W 1700434 Lock Washer - 3/8"



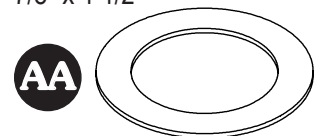
X 1700429 Flat Washer - 3/8"



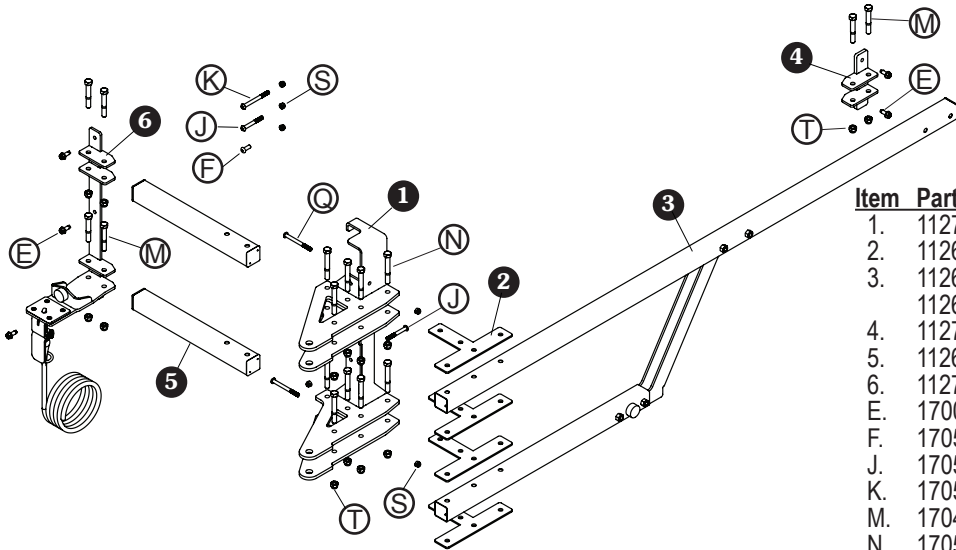
Y 1703373 Flat Washer - 1/2"



Z 1704810 Flat Washer - 7/8" x 1 1/2"



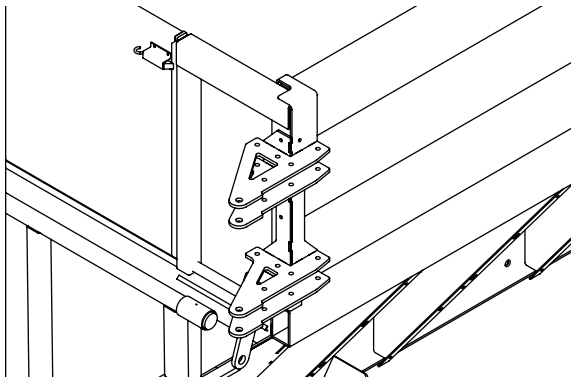
AA 1702890 Flat Washer - 1 1/4" x 1 7/8"



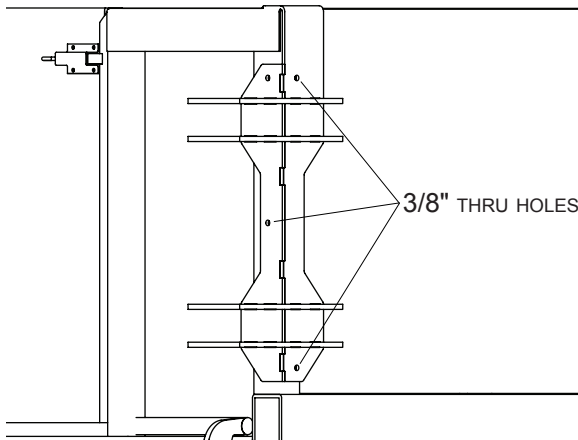
Item	Part #	Description
1.	1127577	Pivot Bracket
2.	1126108	Pivot Bracket Spacer
3.	1126105	Side Torque Arm Assembly - 20' to 24'
	1126370	Side Torque Arm Assembly - 26' to 30'
4.	1127576	Side Attachment Bracket
5.	1126181	Anti-Torque Tube - Rear Assembly
6.	1127587	Attachment Bracket - Rear Lock Assy.
E.	1700400	Self-Tapping Screw - 3/8" x 1"
F.	1705322	Button Head Screw - 3/8" x 1"
J.	1705758	Button Head Cap Screw - 3/8" x 3"
K.	1705758	Button Head Cap Screw - 3/8" x 4"
M.	1704808	Cap Screw - 1/2" x 3 1/4"
N.	1705687	Cap Screw - 1/2" x 3 3/4"
S.	1701580	Nylon Lock Nut - 3/8"
T.	1702115	Nylon Lock Nut - 1/2"

NOTE: For fixed rear arm, skip to page 5, "Fixed Rear Pivot Mount Bracket."

STEP 1: Hang pivot bracket over rear passenger corner top rail of box.

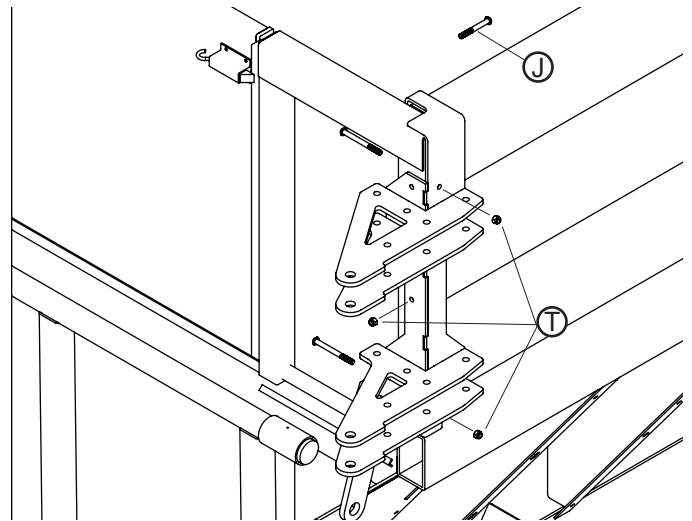


STEP 2: Verify that both sides of corner post are accessible. Using pivot bracket as guide mark and drill three 3/8" thru holes at locations show below.



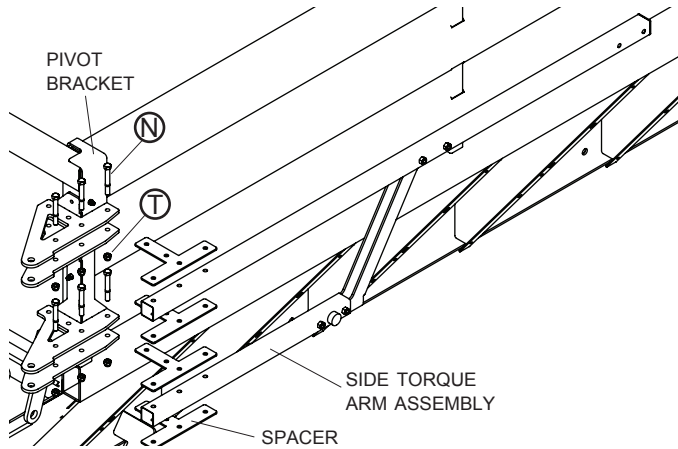
If both sides are not accessible drill 5/16" hole at three locations through one wall of corner post only.

STEP 3: Secure pivot brace to box using two 3/8" x 3" (J) and one 3/8" x 4" (K) button head cap screws and 3/8" nylon nuts (S).

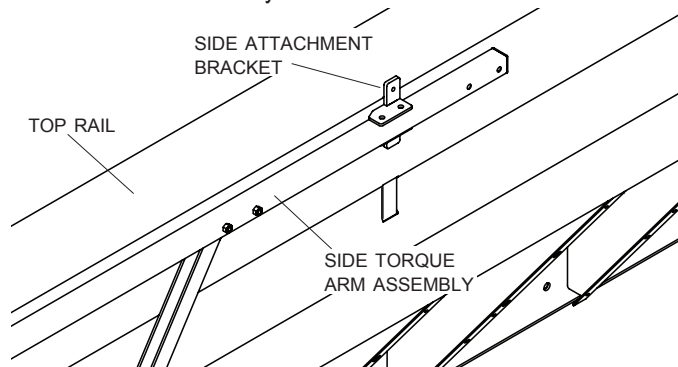


If you drilled 5/16" hole secure pivot brace using three 3/8" x 1" self-tapping screws (E).

STEP 4: Assemble side torque arm assembly to pivot bracket. Align spacers as shown and secure with six screws and nuts.

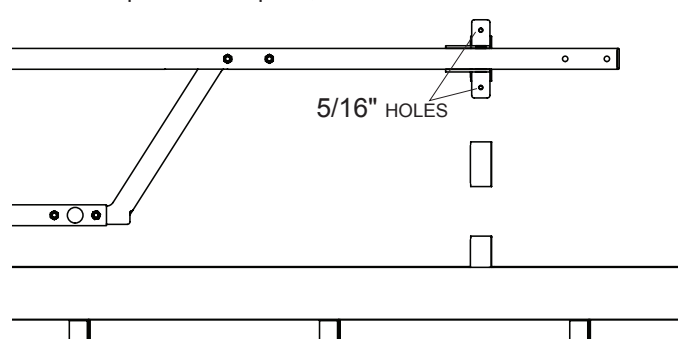


STEP 5: Place side attachment bracket behind side torque arm assembly.

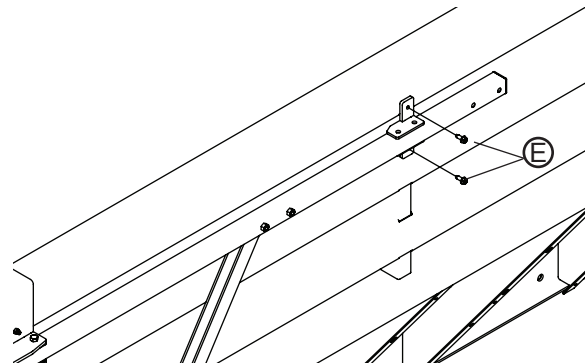


NOTE: Longest tube on side arm torque assembly must be parallel to top rail.

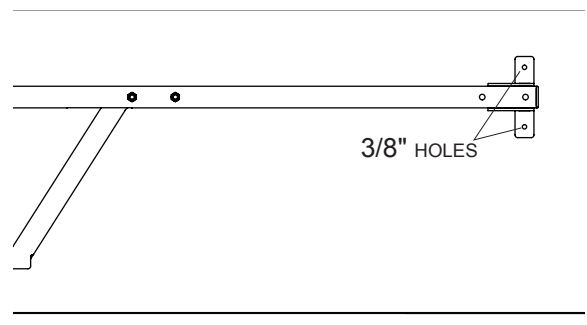
STEP 6: Option 1: Align side attachment brackets with vertical frame tube with longest tube of side arm assembly parallel to top rail, match drill 5/16".



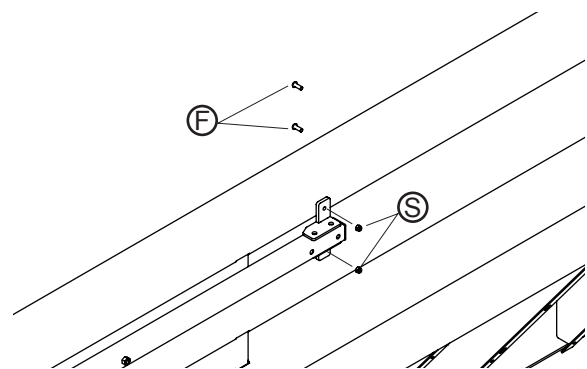
STEP 7: Option 1: Secure side attachment bracket to box using two 5/16" x 1" self tapping screws **E**.



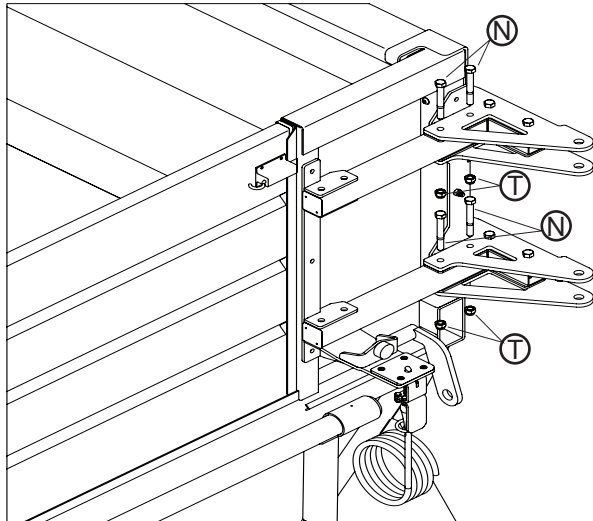
STEP 6: Option 2: Slide side attachment bracket towards end of side arm torque assembly and next to any vertical frame structure. With long tube of side arm torque assembly parallel to top rail, match drill 3/8" thru holes in box wall.



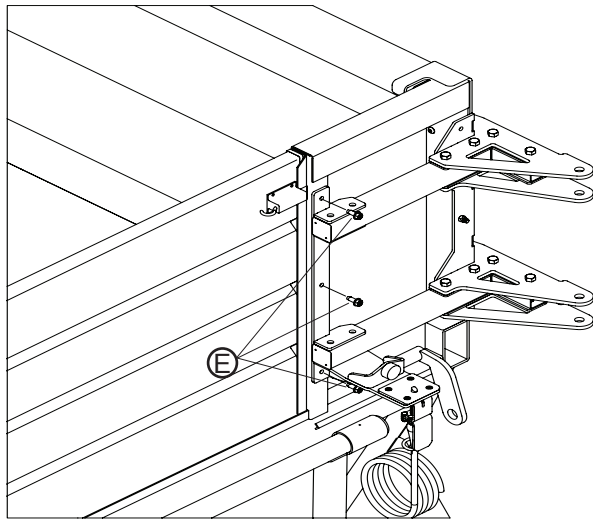
STEP 7: Option 2: Secure side attachment bracket to box using two 3/8" x 1" button head screws **F** and two 3/8" nylon lock nuts **S**.



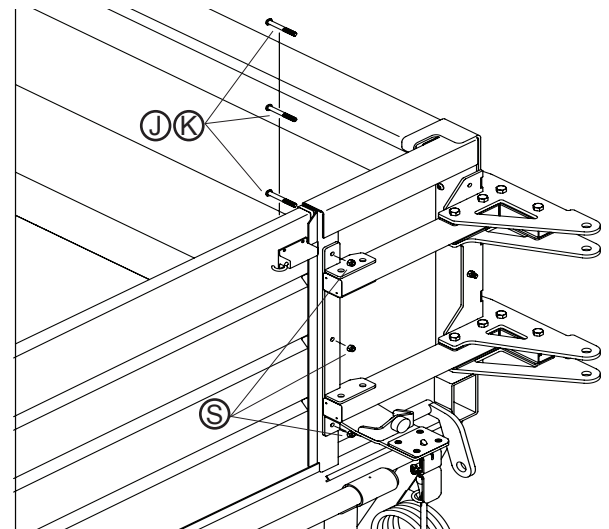
STEP 8: Place rear lock assembly attachment bracket over anti-torque tubes. Install tubes into pivot bracket and position components as shown. Fasten anti-torque tubes to pivot bracket with 1/2" x 3-3/4" cap screws **N** and 1/2" nylon lock nut **T**.



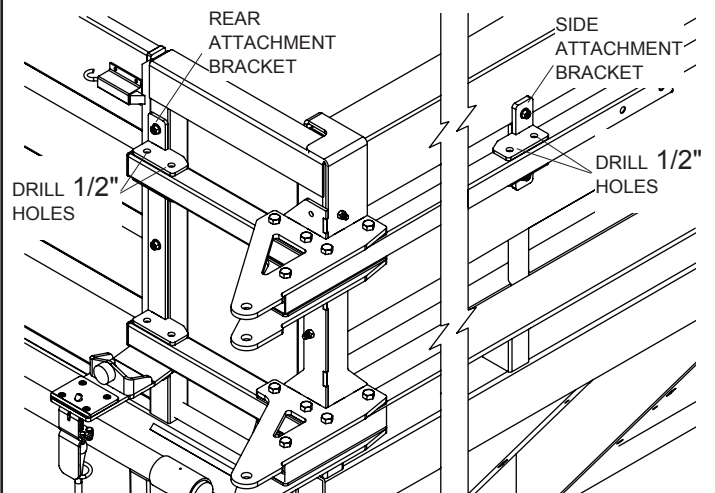
STEP 9: Preferred. Clamp rear lock assembly attached bracket to vertical gate post. Using holes in bracket as guide to drill three 5/16" holes. Use impact drives to secure with three 3/8" x 1" self-tapping screws **E**.



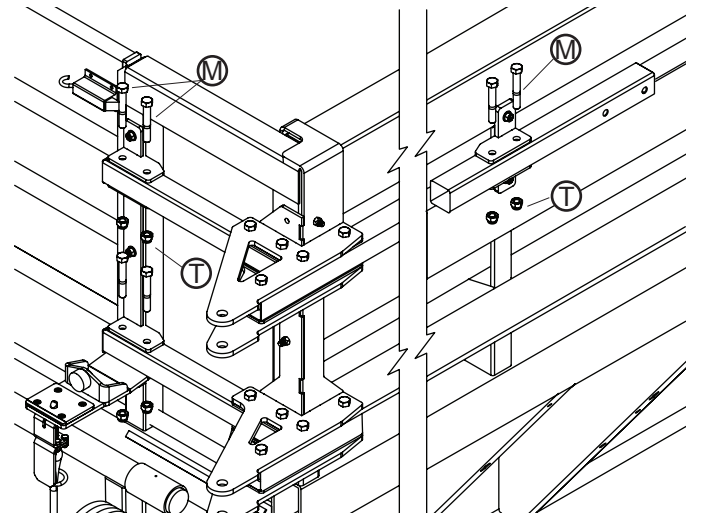
STEP 9A: Alternate. Clamp rear lock assembly attachment bracket to vertical gate post. Using holes in bracket as guides drill three 3/8" thru holes. Secure using 3/8" x 3" **M** or 3/8" x 4" **T** button head screws and 3/8" nylon lock nut **S**. *Image on top of next column.*



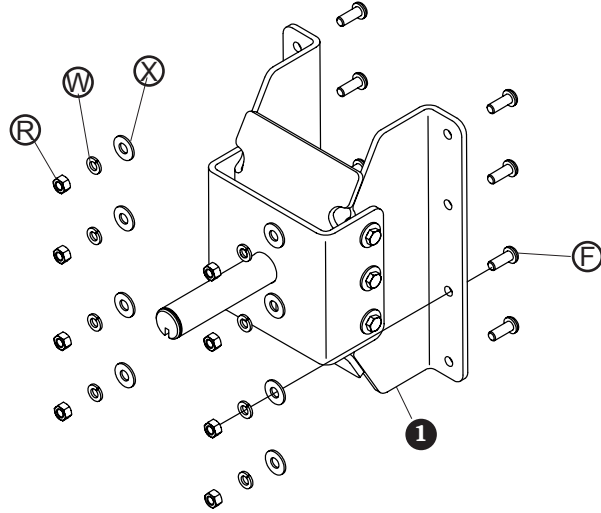
STEP 10: Using holes in side and rear attachment brackets as guides, drill 1/2" holes thru 2" tubing at both locations.



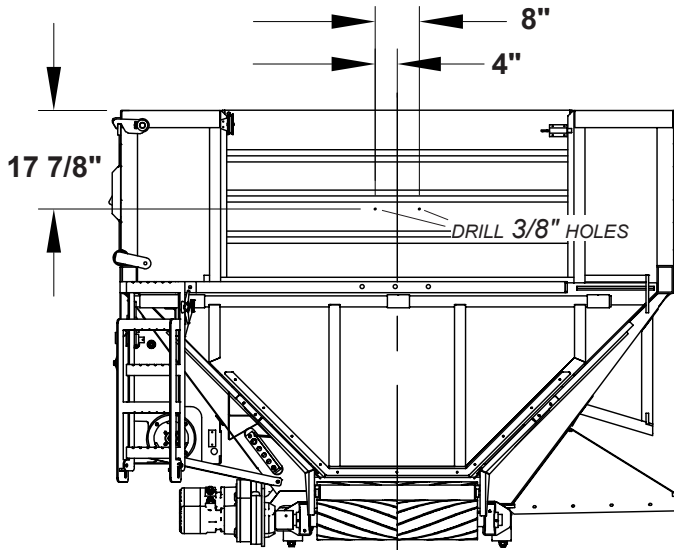
STEP 11: Secure with 1/2" x 3-1/4" cap screws **V** and 1/2" nylon lock nut **T**.



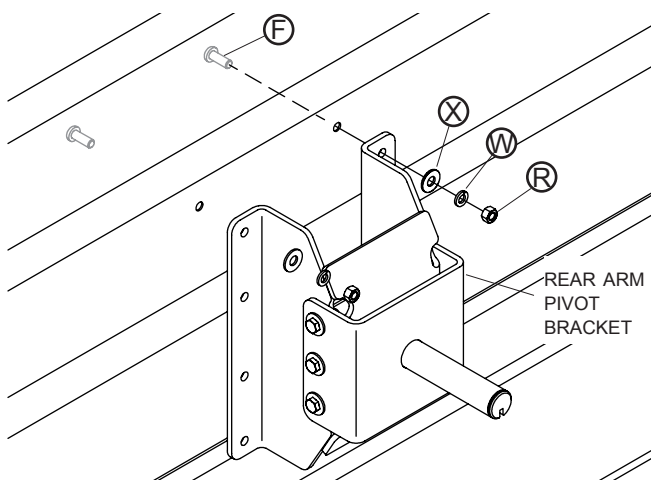
Item	Part #	Description
1.	1126244	Rear Pivot Mount Bracket
F.	1705322	Button Hd. Screw - 3/8" x 1"
R.	1700407	Hex Nut - 3/8"
W.	1700434	Lock Washer - 3/8"
X.	1700429	Flat Washer - 3/8"



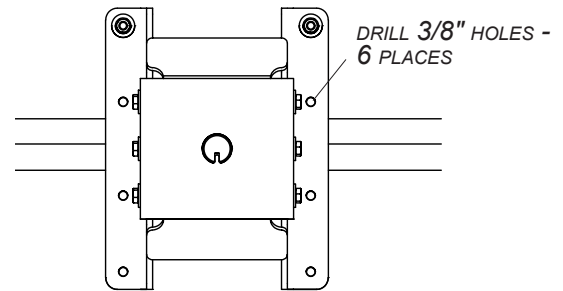
STEP 1: Measure and mark hole locations shown and drill two 3/8" holes.



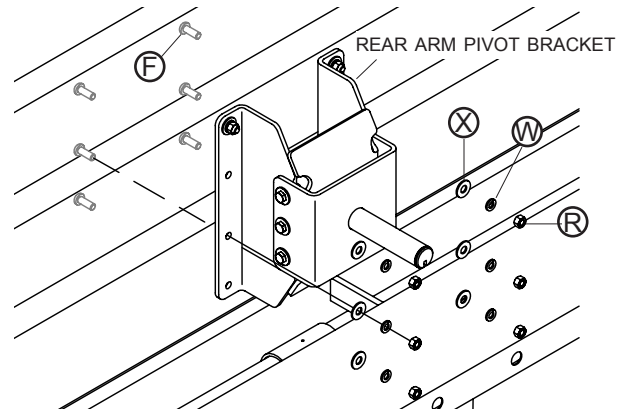
STEP 2: Mount rear arm pivot bracket to box with screws **F**, flat washers **X**, lock washers **W** and nuts **R**.



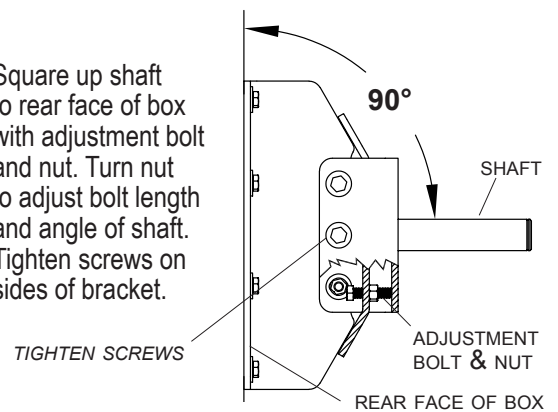
STEP 3: Match drill six remaining 3/8" mounting holes.



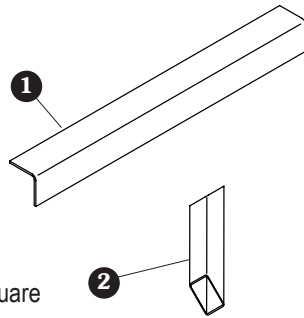
STEP 4: Secure with remaining screws **F**, flat washers **X**, lock washers **W** and nuts **R**.



STEP 5: Square up shaft to rear face of box with adjustment bolt and nut. Turn nut to adjust bolt length and angle of shaft. Tighten screws on sides of bracket.



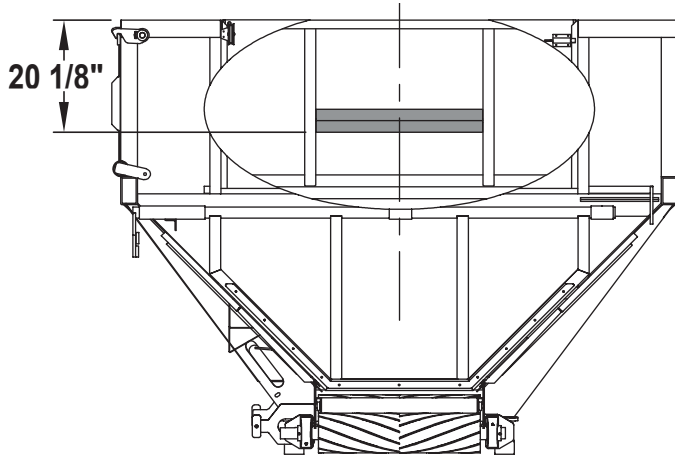
OPTION 1



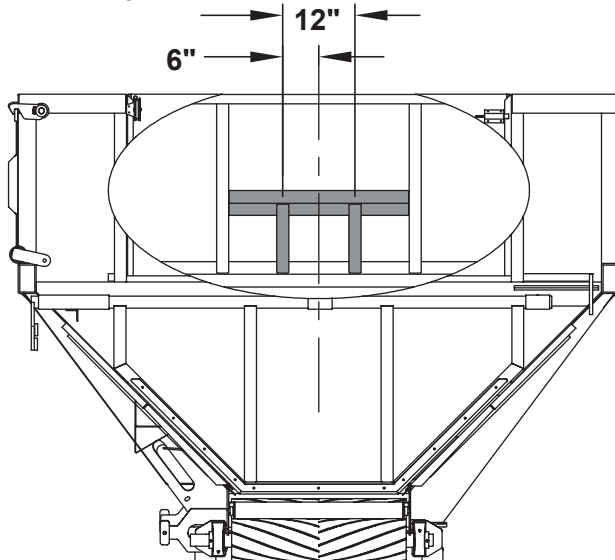
Item Description

- 1. 3" x 3" x 3/16" Angle
- 2. 2" x 2" 14-Ga. Minimum Square Tubing 45° - 2 Ends

STEP 1: Cut 3" x 3" x 3/16" angle to fit between existing vertical frame members. Place between vertical frame members with both legs contacting back side of front skin with lower leg edge maximum of 20 1/8" from top of front rail. Tack weld in place.

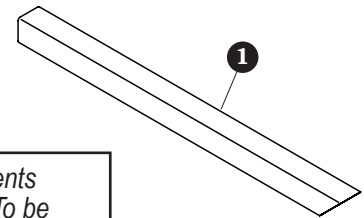


STEP 2: Cut two 2" x 2" 14-ga. minimum square tubings with 45° cuts on both ends to fit between two horizontal angle frame members. Tack into place.



STEP 3: Stitch weld to front skin and continuous weld tube to angle.

OPTION 2

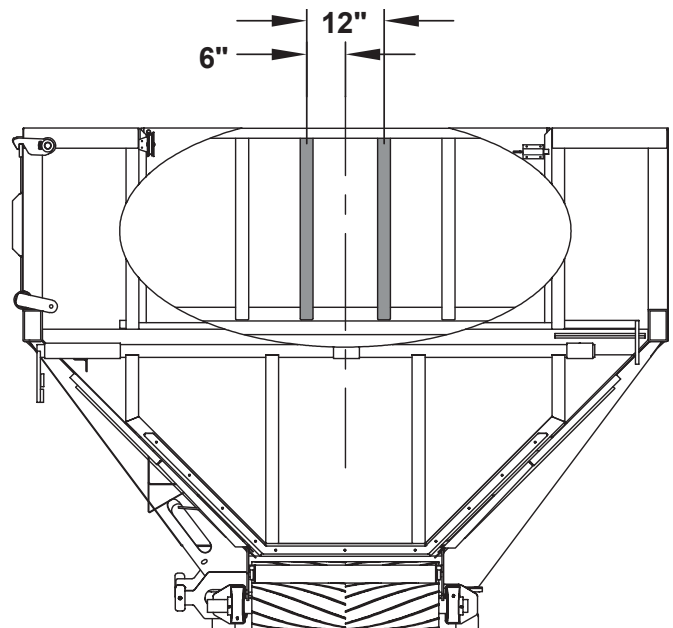


NOTE: These components are not supplied in kit. To be supplied and installed by OEM.

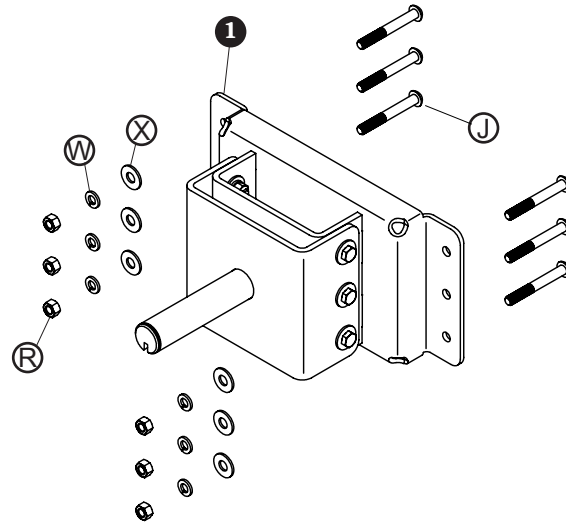
Item Description

- 1. 2" x 2" 14-Ga. Square Tubing 45° - 1 End

STEP 1: Cut two 2" x 2" 14-ga. minimum wall tubings with one end cut at 45° length to fit between underside of front top rail and horizontal angle frame member. Tack into place.



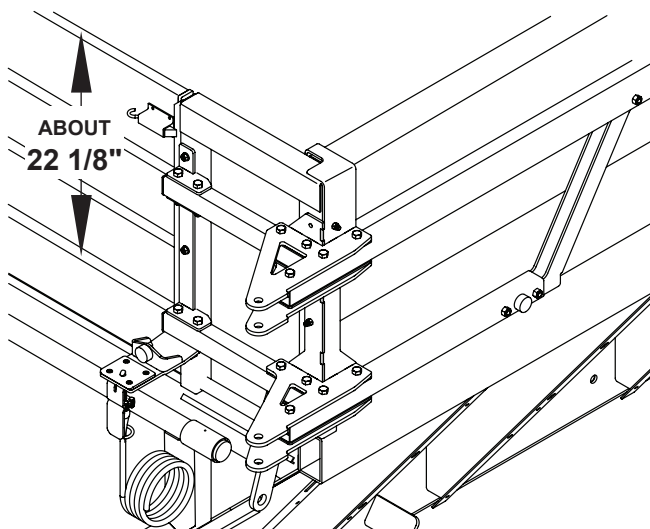
STEP 2: Stitch weld to front skin and continuous weld tube to horizontal angle and top rail.



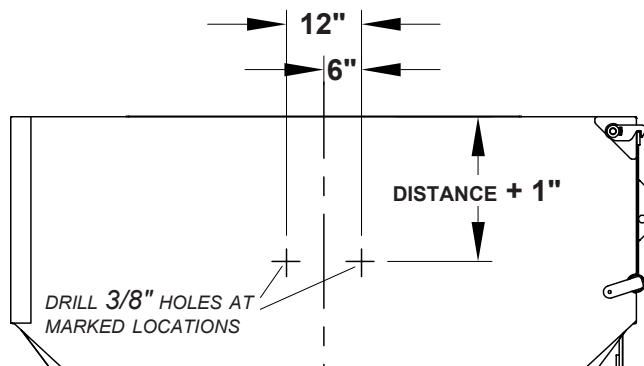
Item	Part #	Description
1.	1126102	Front Pivot Mt. Bracket Assembly
J.	1705758	Button Hd. Cap Screw - 3/8" x 3"
R.	1700407	Hex Nut - 3/8"
W.	1700434	Lock Washer - 3/8"
X.	1700429	Flat Washer - 3/8"

! WARNING
Front skin reinforcement must be installed before beginning this step.

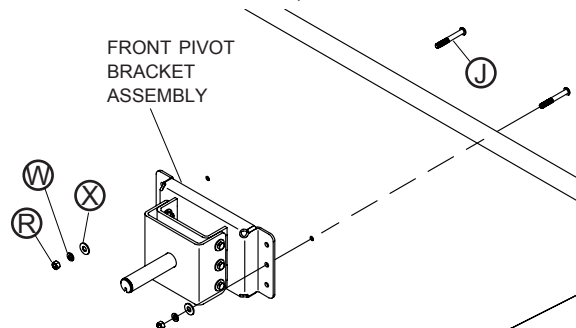
STEP 1: Measure from top of top rail to top of lower rear 2" square tube (about 22 1/8").



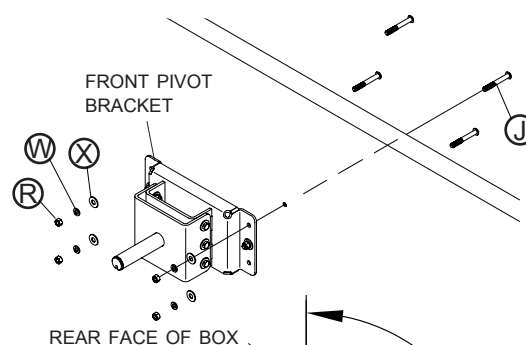
STEP 2: Add 1" to distance measured in step 1 (distance from step 1 + 1" = distance to measure). Measure down from top rail and mark hole locations 6" on each side of center line on box. Drill 3/8" holes at marked locations through both front skin and 2" square tube reinforcement.



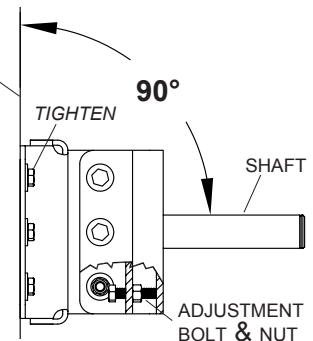
STEP 3: Secure front pivot bracket assembly to front of box with two screws **J**. Push screws through center set of holes in bracket assembly from inside of box. Secure with flat washers **X**, lock washers **W** and nuts **R**.

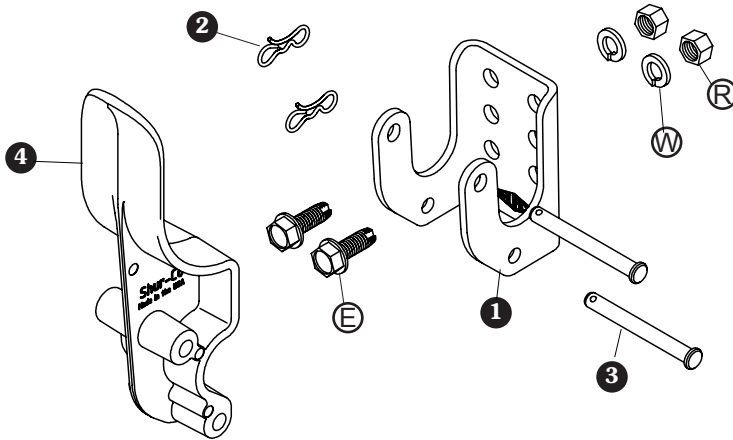


STEP 4: Use four remaining holes in bracket as guide to match drill 3/8" holes through front skin and 2" square reinforcement tubing. Secure with remaining screws **J**, flat washers **X**, lock washers **W** and nuts **R**.



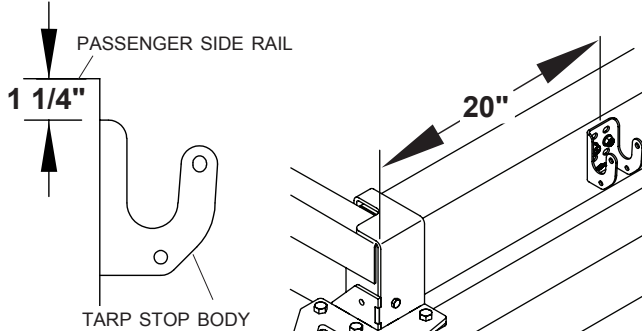
STEP 5: Square up shaft to rear face of box with adjustment bolt and nut. Turn nut to adjust bolt length and angle of shaft. Tighten screws on sides of bracket.





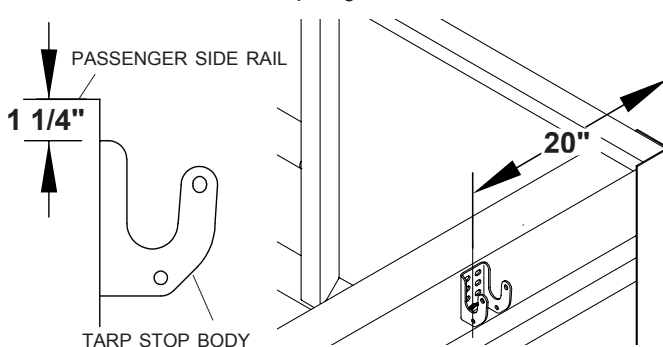
Item	Part #	Description
1.	1100833	Easy-Off Tarp Stop Body
2.	1704380	Bowtie Cotter Pin
3.	1703604	Clevis Pin - 5/16" x 2 7/8"
4.	1705775	Easy-Off Aluminum Tarp Stop Upright
E.	1700400	Self-Tapping Screw - 3/8" x 1"
R.	1700407	Hex Nut - 3/8"
W.	1700434	Lock Washer - 3/8"

STEP 1: Locate first tarp stop body 20" from rear edge of box and 1/2" from top edge of rail on passenger side of box.

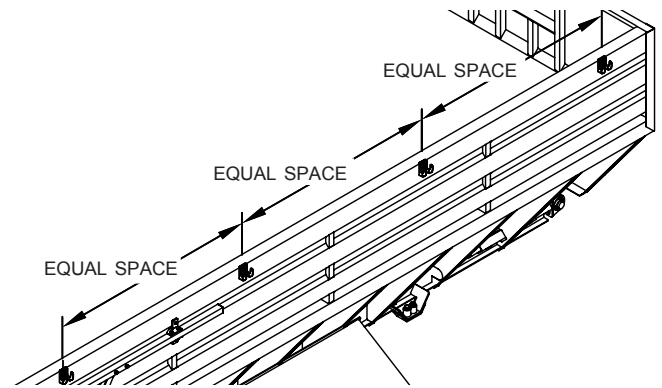


NOTE: Install tarp stop body on vertical surface. Fasten through holes that best fit top rail configuration.

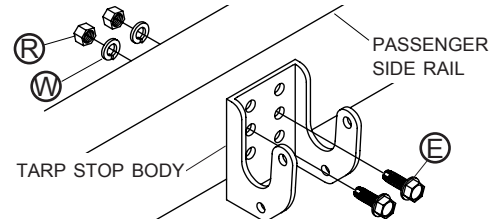
STEP 2: Locate second tarp stop body 20" from front of box and 1/2" from top edge of rail.



STEP 3: Equally space and vertically align remaining tarp stop bodies between front and rear tarp stop bodies.

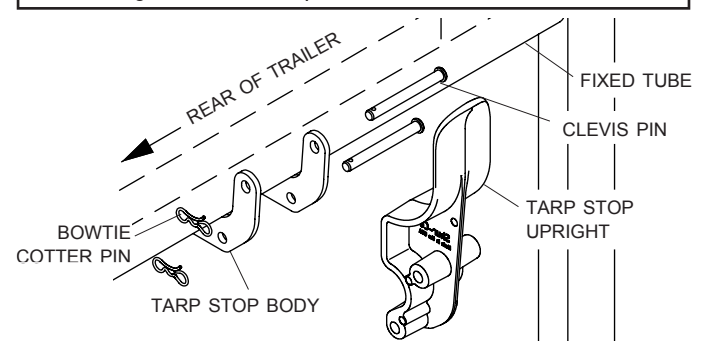


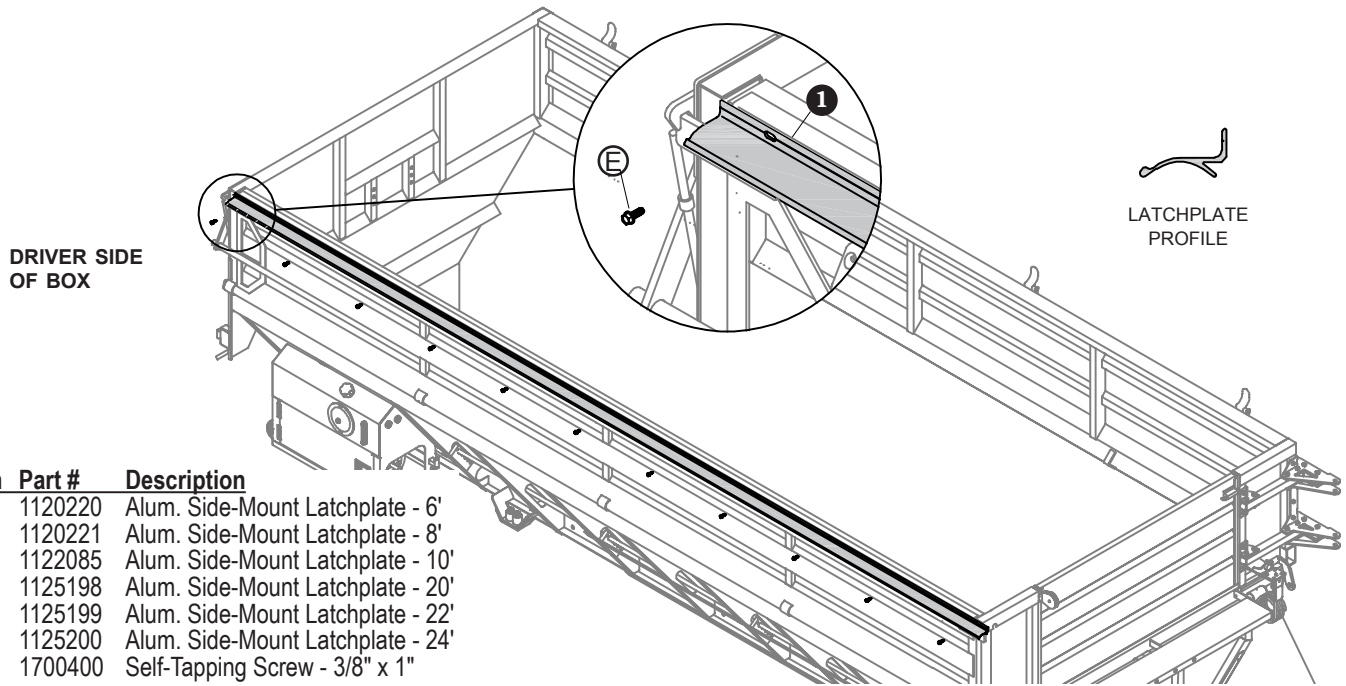
STEP 4: Use tarp stop body as guide to mark hole locations. Drill 5/16" holes and fasten to box with screws (E), washers (W) and nuts (R).



STEP 5: Adjust tarp so fixed tube rests squarely in tarp stop bodies. Fasten tarp stop uprights to tarp stop bodies with clevis pins. Secure with bowtie cotter pins.

NOTE: Align bowtie cotter pins toward rear of trailer as shown.



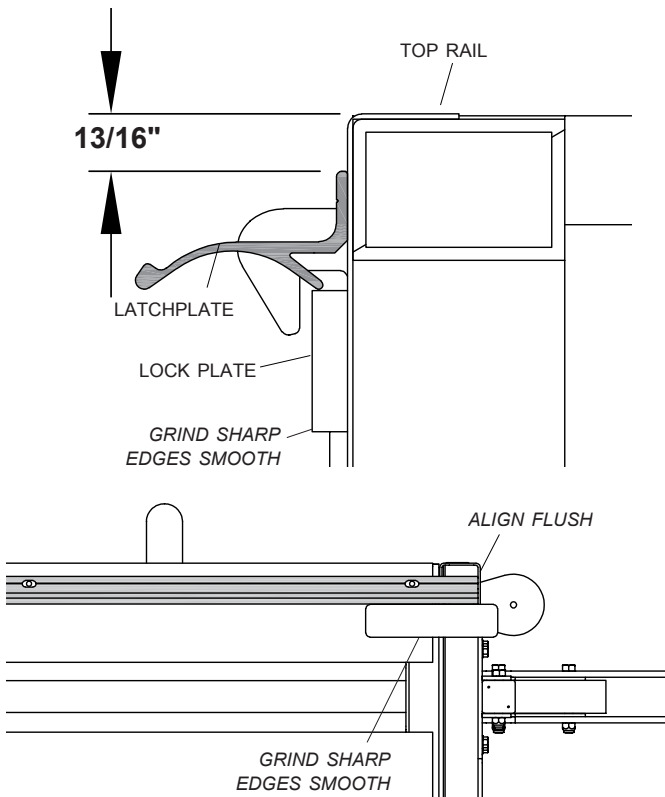


DRIVER SIDE OF BOX

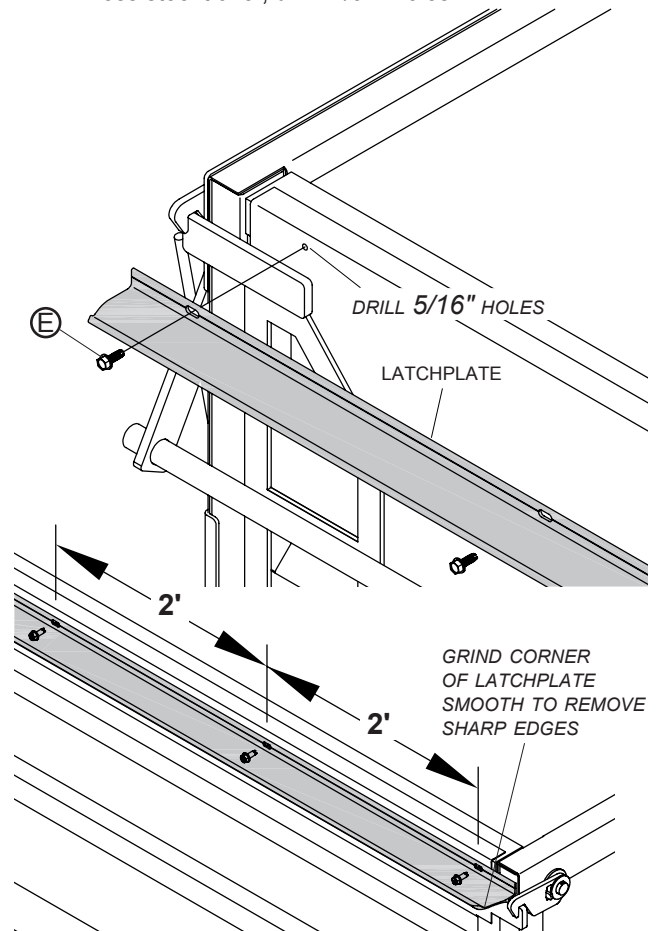
LATCHPLATE PROFILE

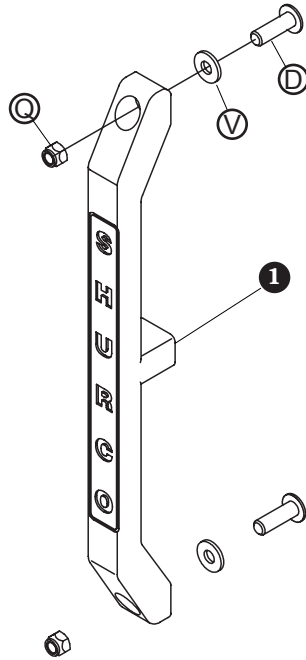
Item	Part #	Description
1.	1120220	Alum. Side-Mount Latchplate - 6'
	1120221	Alum. Side-Mount Latchplate - 8'
	1122085	Alum. Side-Mount Latchplate - 10'
	1125198	Alum. Side-Mount Latchplate - 20'
	1125199	Alum. Side-Mount Latchplate - 22'
	1125200	Alum. Side-Mount Latchplate - 24'
E.	1700400	Self-Tapping Screw - 3/8" x 1"

STEP 1: Starting at rear of box, position latchplate approximately 13/16" down from top edge of rail on driver side of box, resting on top side of lock plate. Clamp into position.



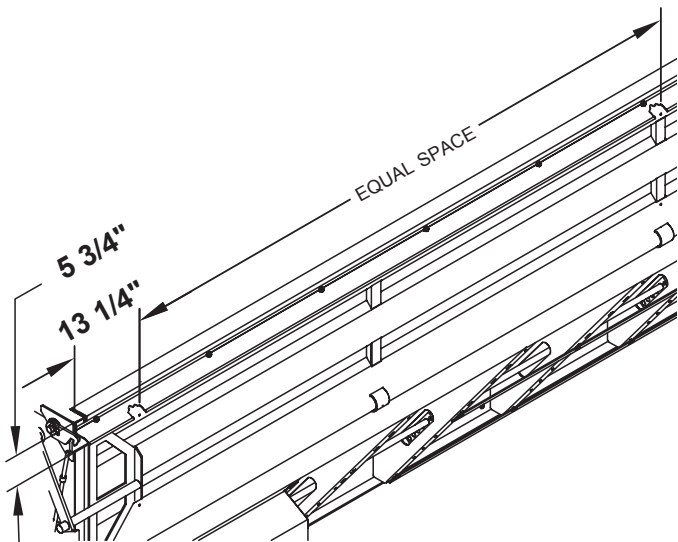
STEP 2: Match drill 5/16" pilot holes through pre-punched latchplate and box. Fasten with screws **E**. For stainless steel trailer, drill 11/32" holes.





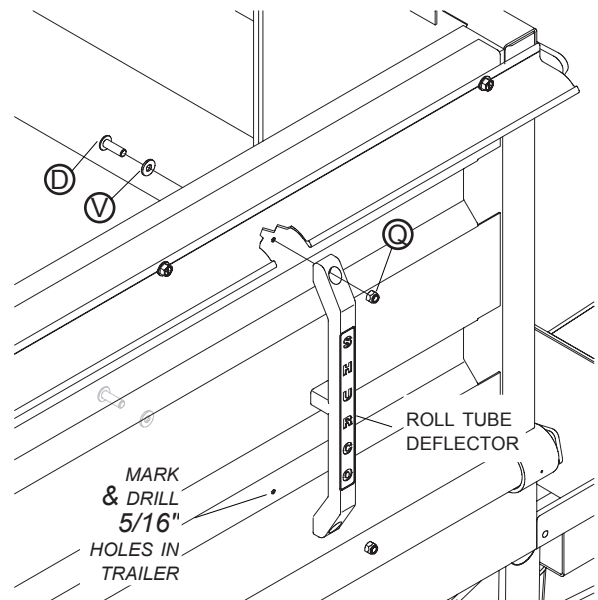
Item	Part #	Description
1.	1112029	Roll Tube Deflector - Gray
	1114658	Roll Tube Deflector - Black
D.	1704441	Flanged Button Hd. Screw - 5/16" x 1"
Q.	1704297	Nylon Lock Nut - 5/16"
V.	1700428	Flat Washer - 5/16"

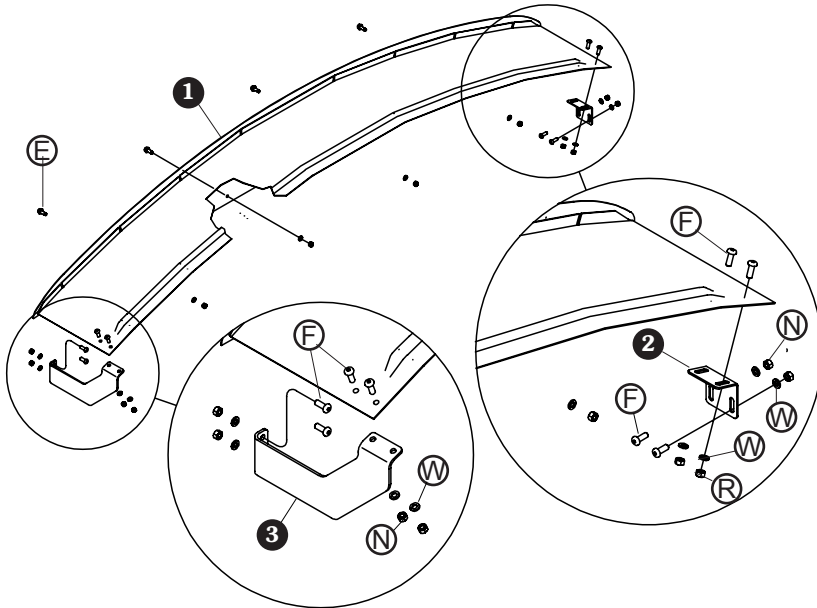
STEP 1: Mark and drill top row of 5/16" holes 5 3/4" below top rail and 13 1/4" from both ends. Equally space remaining holes on top row for remaining deflectors.



NOTE: Deflector must be moved 2" forward or backward if deflector falls on vertical frame tube.

STEP 2: Using holes in deflector as guide, mark and drill second row of 5/16" holes. Fasten with screws (D), washers (V) and nuts (Q) through both holes.



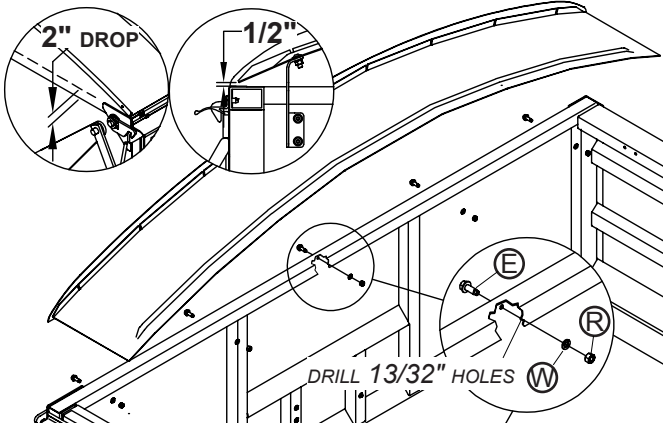


NOTE: End caps may need slight modifications to fit box.

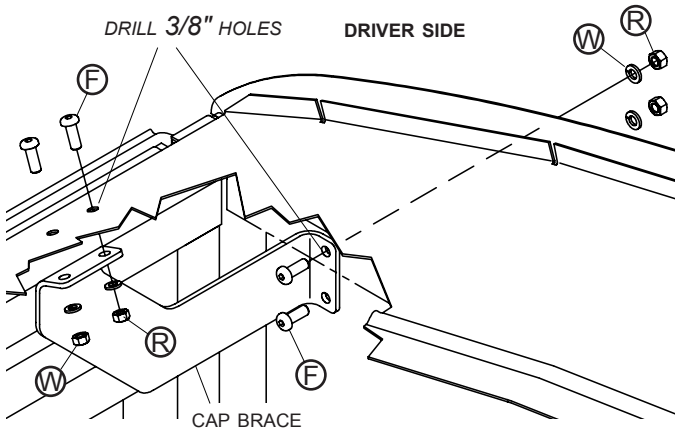
TIP: Apply bead of caulk or rubber seal where cap meets top rail to improve watertight quality of caps.

Item	Part #	Description
1.	1126294	Galv. Face Mt. Cap - 11" Rise - 100"
	1126503	Galv. Face Mt. Cap - 11" Rise - 94"
2.	1118188	End Cap Brkt. - LR - Side Mt.
3.	1126310	Front Cap Brace
E.	1700400	Self-Tapping Screw - 3/8" x 1"
F.	1705322	Button Hd. Screw - 3/8" x 1"
R.	1700407	Hex Nut - 3/8"
W.	1700434	Lock Washer - 3/8"

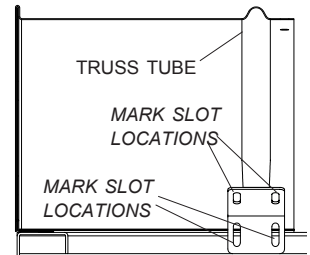
STEP 1: Center cap on box. Use holes in cap as guides to mark hole locations on top rail. Drill 13/32" holes and fasten cap to rail with screws **E**, washers **W** and nuts **R**.



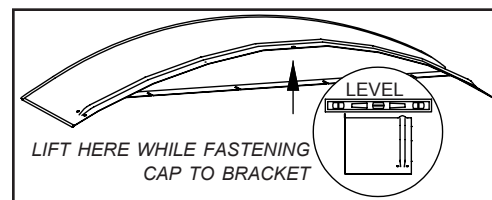
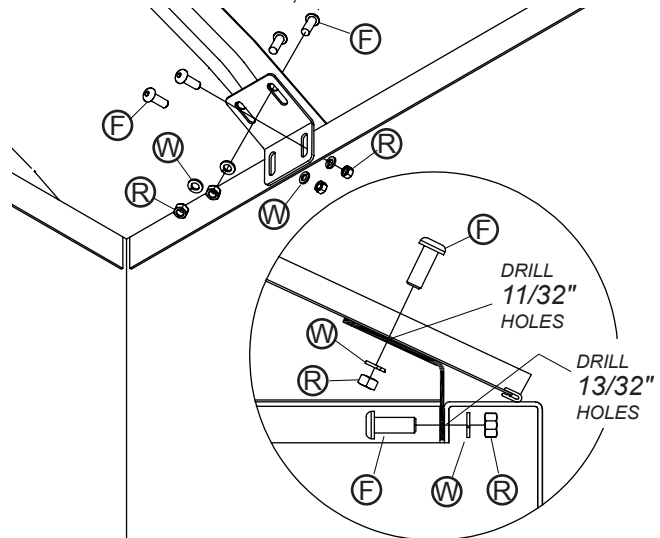
STEP 2: Position cap brace against inside of front skin on driver side of box. Move brace upward until brace contacts underside of front cap. Use cap brace as guide to mark hole locations (four places). Drill 3/8" holes and secure with screws **F**, washers **W** and nuts **R**.

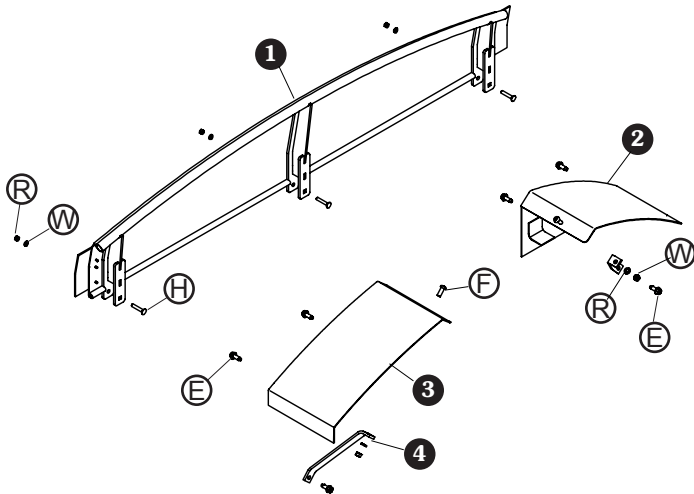


STEP 3: Center end cap brackets under truss tube and use as guide to mark hole locations on box and end caps.



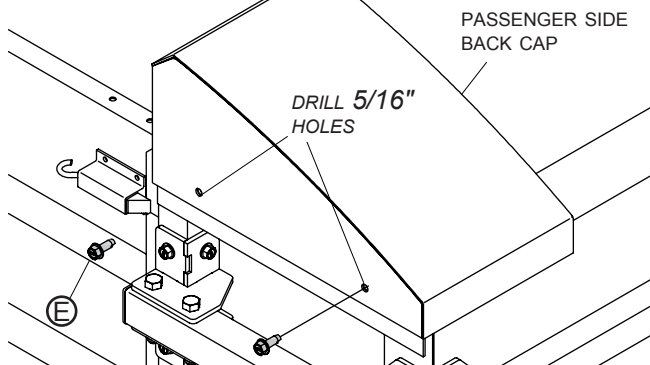
STEP 4: Drill 13/32" holes at marked locations on box. Fasten bracket to box with screws **F**, washers **W** and nuts **R**. Drill 11/32" holes and fasten bracket to end cap with screws **F**, washers **W** and nuts **R**.



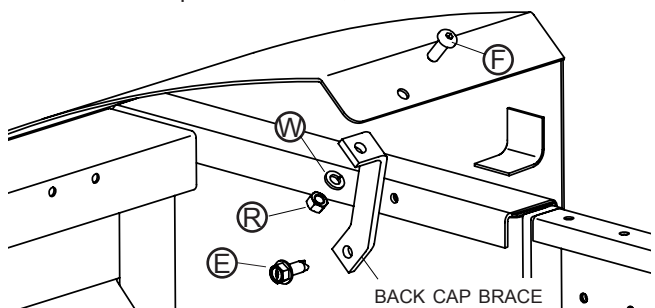


Item Part #	Description
1. 1126662	Rear Bow - Potato Box
2. 1126297	Back Cap - 1/2 Cap - Al - 11" Rise - 100" - 10" ND - LH
1126506	Back Cap - 1/2 Cap - Al - 11" Rise - 94" - 10" ND - LH
3. 1126300	Back Cap - 1/2 Cap - Al - 11" Rise - 100" - 10" ND - RH
1125509	Back Cap - 1/2 Cap - Al - 11" Rise - 94" - 10" ND - RH
4. 1126311	Rear Cap Brace
E. 1700400	Self-Tapping Screw - 3/8" x 1"
F. 1705322	Button Hd. Screw - 3/8"
H. 1704516	Carriage Bolt - 3/8" x 2 1/2"
R. 1700407	Hex Nut - 3/8"
W. 1700434	Lock Washer - 3/8"

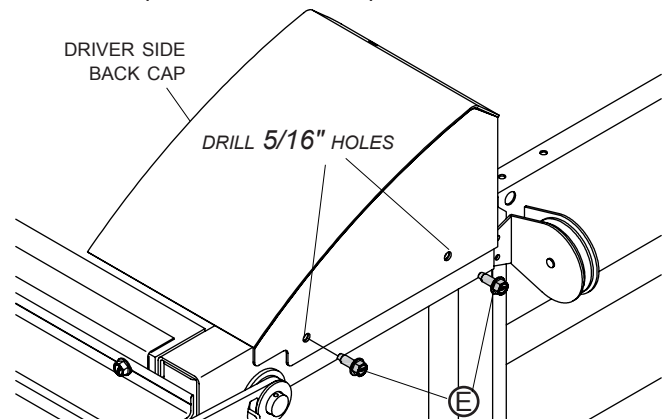
STEP 1: Place passenger side back cap on back of box as shown. Drill two 5/16" holes in face panel and top rail, then secure cap to box with screws **E**.



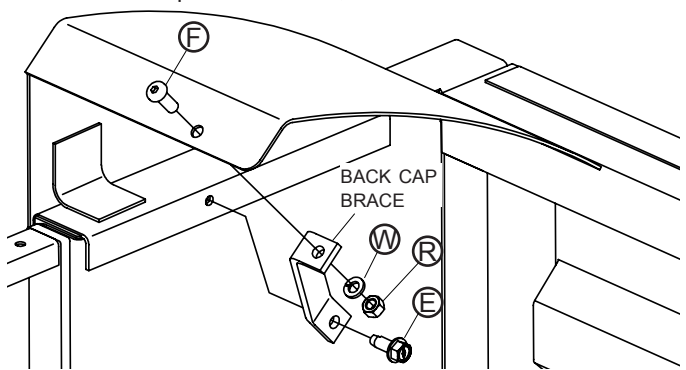
STEP 2: Place back cap brace against inside of box wall and flange on cap. Mark and drill 5/16" hole in wall and 3/8" hole in cap. Secure to wall with screw **E**. Secure to cap with screw **F**, washer **W** and nut **R**.



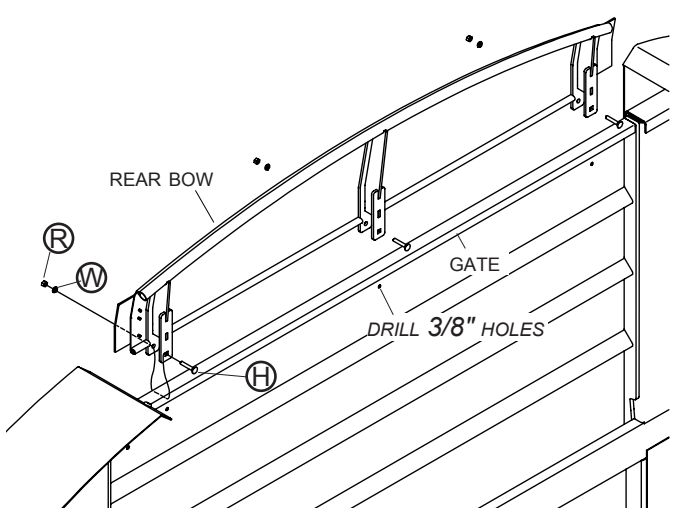
STEP 3: Place driver side back cap on back of box as shown. Drill two 5/16" holes in face panel and top rail, then secure cap to box with two screws **E**.

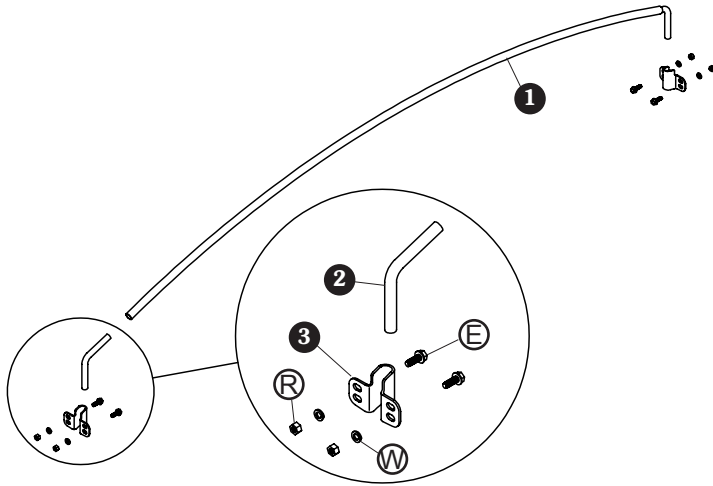


STEP 4: Place back cap brace against inside of box wall and flange on cap. Mark and drill 5/16" hole in wall and 3/8" hole in cap. Secure to wall with screw **E**. Secure to cap with screw **F**, washer **W** and nut **R**.



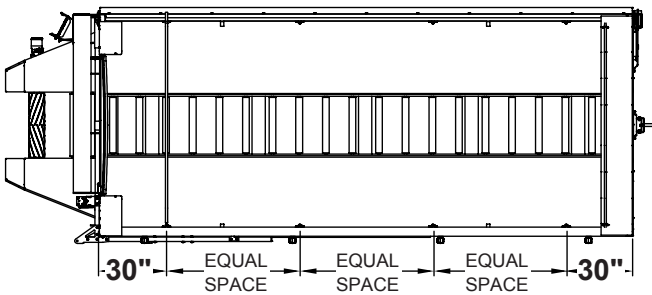
STEP 5: Place rear bow on top of gate. Mark mounting hole locations. Drill 3/8" holes and secure with screws **E**, washers **W** and nuts **R**.



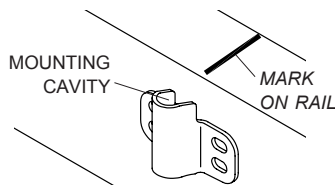


Item	Part #	Description
1.	1117905	Std. High-Rise Bow - 89" to 95"
	1100762	Std. High-Rise Bow - 96" to 102"
	1116120	Std. Low-Rise Bow - 85" to 92"
	1100760	Std. Low-Rise Bow - 93" to 102"
2.	1106925	Std. High-Rise Bow Shank
	1100695	Std. Low-Rise Bow Shank
3.	1120836	Single Bow Bracket
E.	1700400	Self-Tapping Screw - 3/8" x 1"
R.	1700407	Hex Nut - 3/8"
W.	1700434	Lock Washer - 3/8"

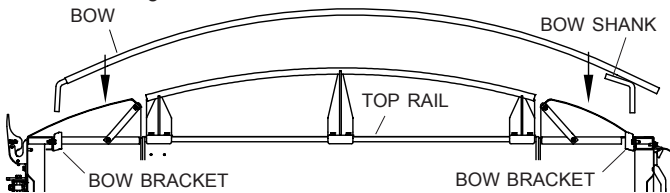
STEP 1: Mark bow bracket locations on top rails as shown.



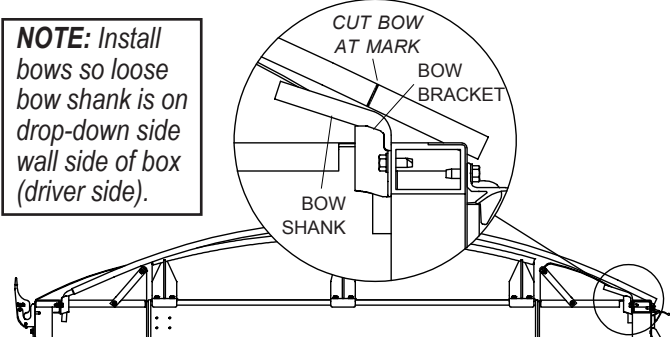
STEP 2: Align center of brackets with mark. Clamp brackets to rails.



STEP 3: Place bow into bow bracket. Place loose bow shank in gate bow bracket on fold-down side.

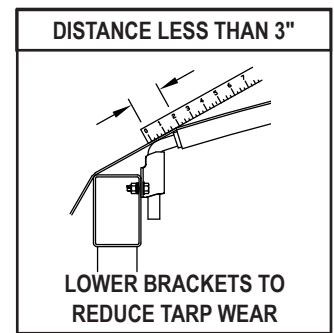
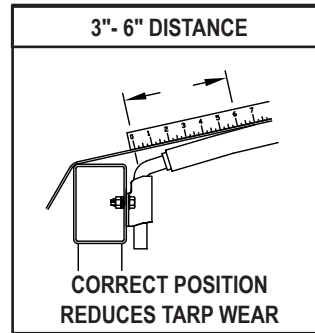


STEP 4: Align bow with bow shank. Mark and cut bow at point where bend starts on shank. Grind edges smooth and weld shank to bow.



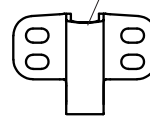
NOTE: Install bows so loose bow shank is on drop-down side wall side of box (driver side).

STEP 5: Adjust bow brackets vertically to allow 3" to 6" between bend in bow shank and point where tarp will contact bow.

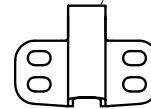


NOTE: Position bow brackets with either long or short side up in order to attain correct bow height.

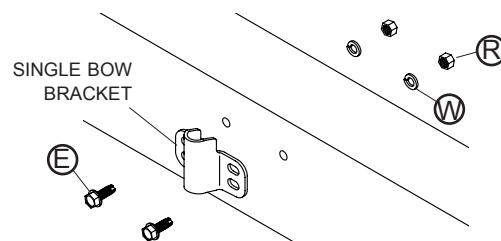
SHORT SIDE UP

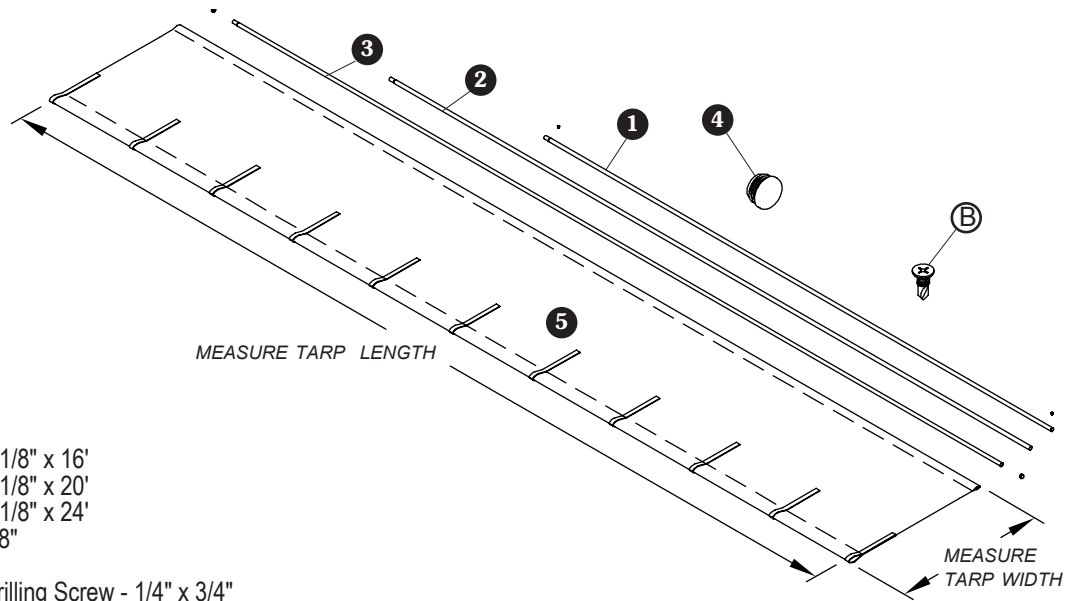


LONG SIDE UP



STEP 6: Mark and drill 13/32" holes on flange mount top rail. Install bow bracket using screws (E), lock washers (W) and nuts (R). For steel tube install, drill 5/16" holes (drill 11/32" holes if using stainless steel). Mount bow bracket with (E).



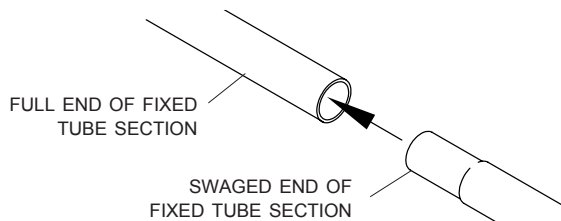


Item	Part #	Description
1.	1700051	Fixed Tube - 1 1/8" x 16'
2.	1700049	Fixed Tube - 1 1/8" x 20'
3.	1701428	Fixed Tube - 1 1/8" x 24'
4.	1700523	End Plug - 1 1/8"
5.		Tarp
B.	1704768	Flat Hd. Self-Drilling Screw - 1/4" x 3/4"

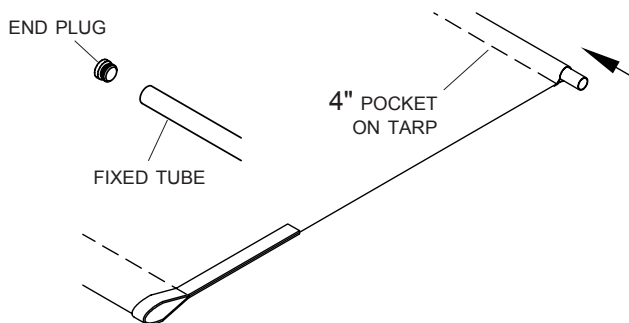
STEP 1: Open tarp and stretch tight. Measure and compare tarp measurements with those on spec sheet attached to tarp. Do not proceed with installation if tarp measurements do not match measurements specified on sheet. Call Shur-Co® or your local dealer for alterations or a replacement tarp.

NOTE: Tarps cannot be returned for free replacement beyond this point. Tarps damaged beyond this point may be returned for repair or replacement at owner's expense.

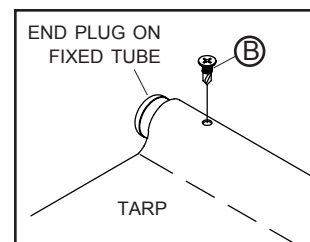
STEP 2: For boxes over 24', insert swaged end of fixed tube section into full end of second tube section. Align tubes, weld and grind smooth.



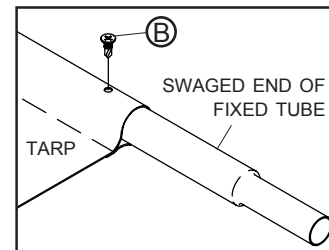
STEP 3: Install end plug into full end of tube weldment. Insert tube, end plug first, into 4" pocket on tarp.



STEP 4: Extend fixed tube 2" past tarp edge. Fasten tarp to fixed tube with screw B.

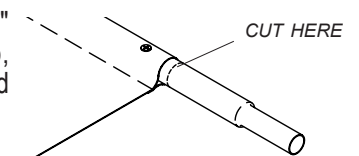


STEP 5: Stretch tarp along fixed tube and fasten with second screw B.

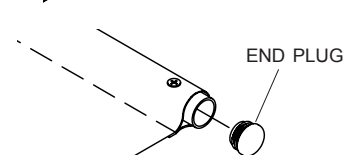


NOTE: Tarp must be stretched tight. Pull until all wrinkles are removed, then release and secure with screw.

STEP 6: Cut fixed tube 1" past edge of tarp, removing swaged end. Grind smooth.

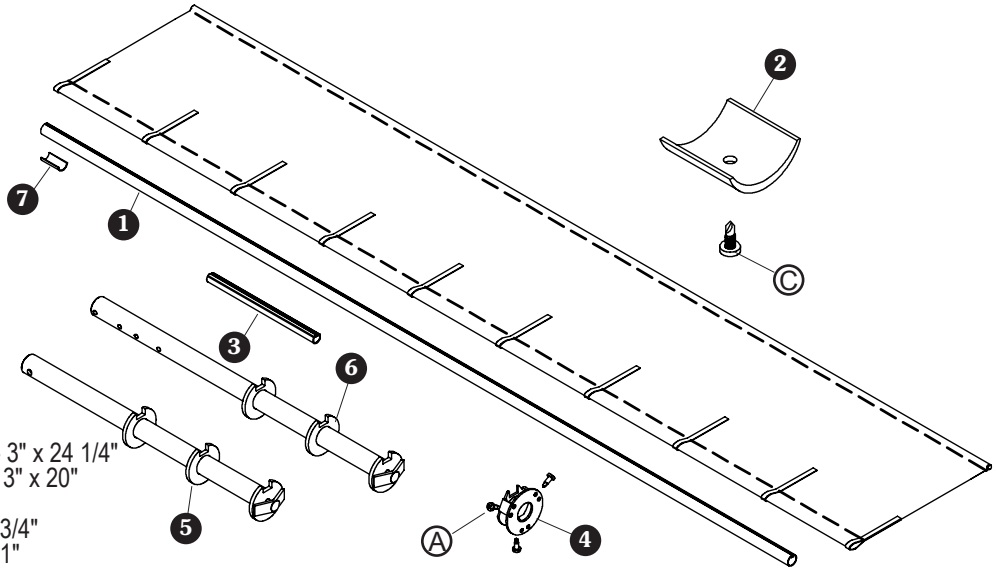


STEP 7: Insert end plug.

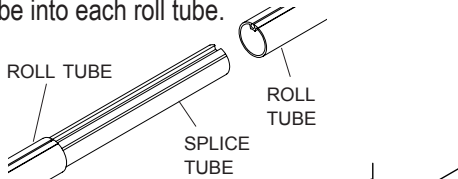


ItemPart # Description

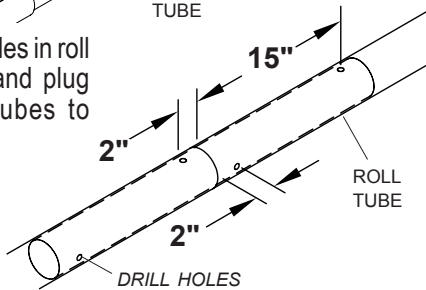
- 1. 1120040 Alum. Roll Tube - 3" x 10'
- 1118639 Alum. Roll Tube - 3" x 12'
- 1704439 Alum. Roll Tube - 3" x 16'
- 1704236 Alum. Roll Tube - 3" x 24'
- 2. 1701354 Plastic U-Clamp
- 3. 1704863 Splice - 3" x 36"
- 4. 1121040 Roll Tube Cap - 3" Spline
- 5. 1125923 Front Cartridge Assembly - 3" x 24 1/4"
- 6. 1125921 Rear Cartridge Assembly - 3" x 20"
- 7. 1126668 Tarp Spacer
- A. 1700398 Self-Drilling Screw - 1/4" x 3/4"
- C. 1705198 Self-Drilling Screw - 1/4" x 1"



STEP 1: Join roll tube sections with splice tube. Insert half of splice tube into each roll tube.

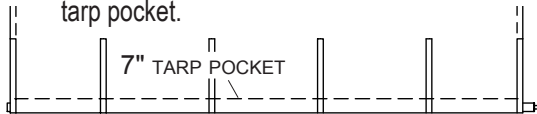


STEP 2: Drill 1/2" holes in roll tube only and plug weld roll tubes to splice tube.



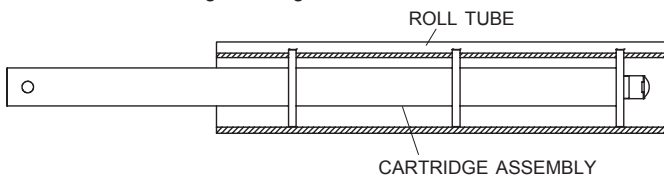
STEP 3: Cut roll tube to finished length. Add 5" to outside box length.

STEP 4: Grind weld edges smooth and insert roll tube into 7" tarp pocket.

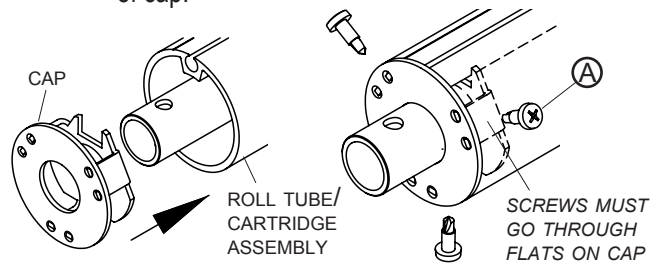


TIPS: Inflate 7" tarp pocket with air chuck while inserting roll tube. For ease of handling, wind tarp on roll tube completely before lifting tarp onto box.

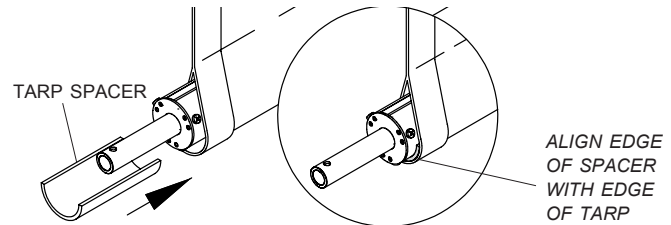
STEP 5: Insert front cartridge assembly into front of roll tube. **Do not secure at this time.** See page 18 step 5 for securing cartridge.



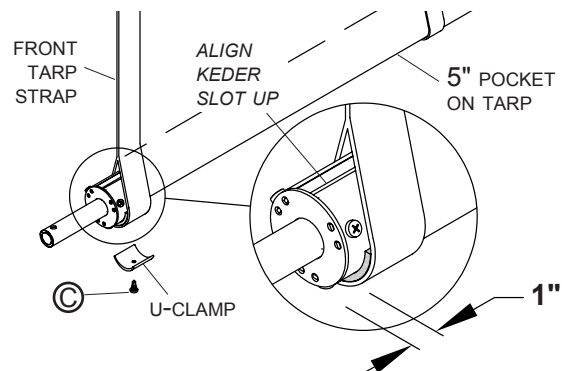
STEP 6: Insert cap into roll tube/cartridge assembly. Fasten three screws A through roll tube and flats on sides of cap.



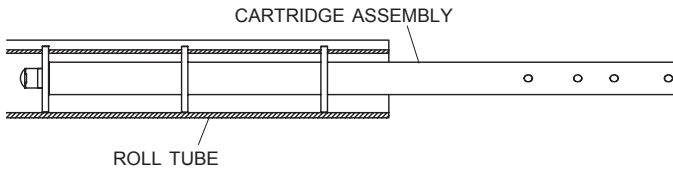
STEP 7: Insert tarp spacer between roll tube and tarp as shown, aligning outer edge of spacer with edge of tarp.



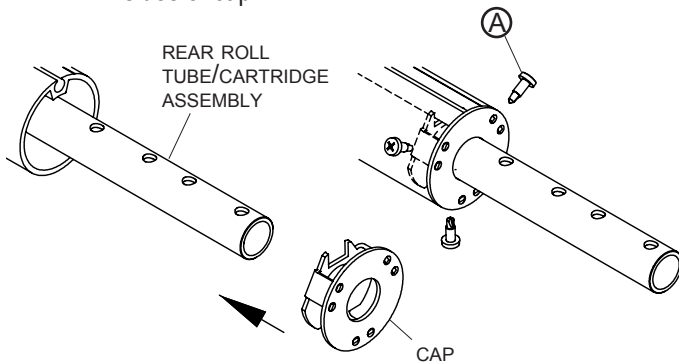
STEP 8: Center first U-clamp on front tarp strap, positioning screw C on crease at bottom of tarp pocket. Fasten U-clamp with screw C.



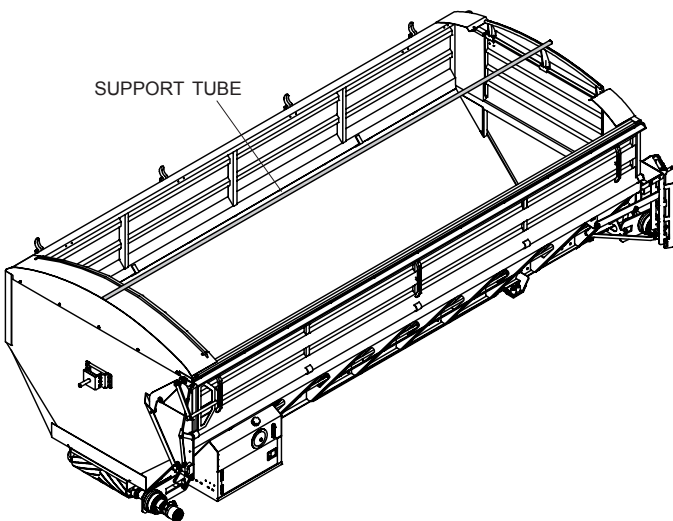
STEP 9: Insert rear cartridge assembly into roll tube. **Do not secure at this time.** See page 21 step 8 for securing cartridge.



STEP 10: Insert cap into rear roll tube/cartridge assembly. Fasten three screws **A** through roll tube and flats on sides of cap.

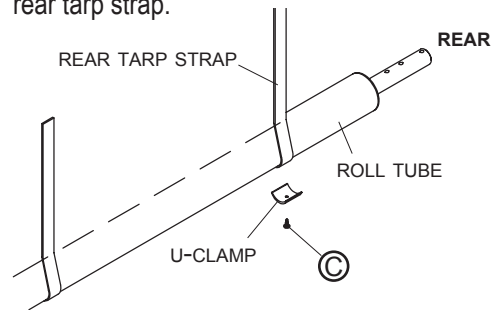


STEP 11: If not using bows, lay temporary support tube across top of box from front to back cap, centered on box. Remove any sharp edges that could damage tarp.



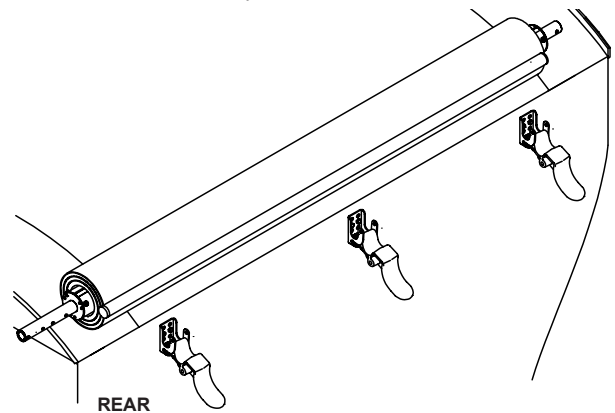
NOTE: This step is required when installing tarp system to keep tarp from falling into box. Doing so will extend life of tarp and aid in correct installation.

STEP 12: Stretch tarp along roll tube so both sides of tarp are equal. Install U-clamp on rear tarp strap.

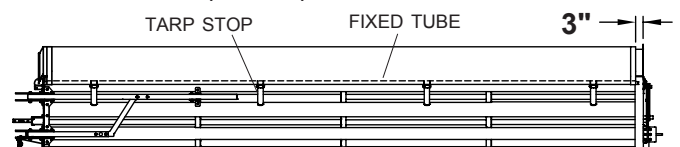


STEP 13: Install remaining U-clamps on remaining tarp straps.

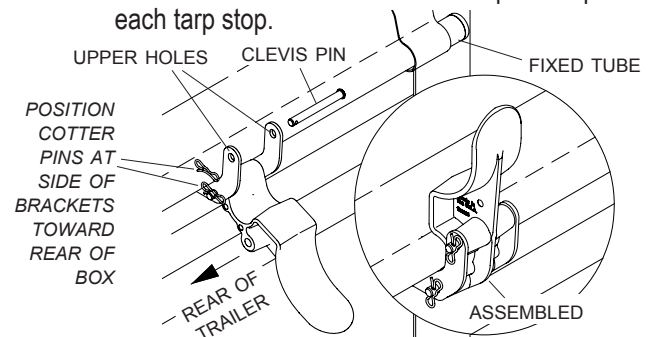
STEP 14: Wind tarp completely around roll tube. Lift rolled up tarp assembly onto fixed tube side of farm box.



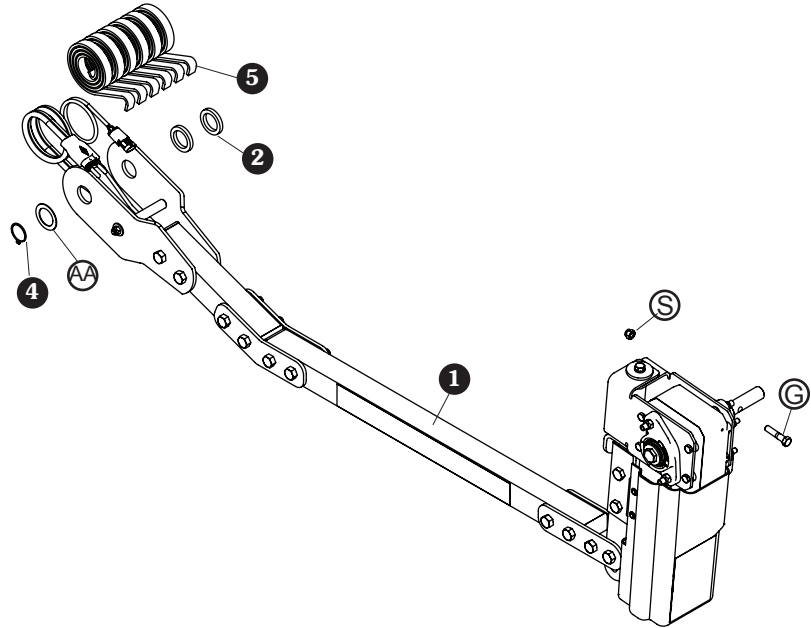
STEP 15: Place tarp on box, overlapping end caps. Unroll tarp so fixed tube hangs over edge of box. Square up tarp and fixed tube. Adjust tarp so fixed tube rests squarely in tarp stop bodies and front edge of tarp is 3" in front of face panel cap.



STEP 16: Align upper holes in tarp stop uprights with upper holes in tarp stop bodies. Insert clevis pins through aligned holes and secure with bowtie cotter pins. Repeat for each tarp stop.

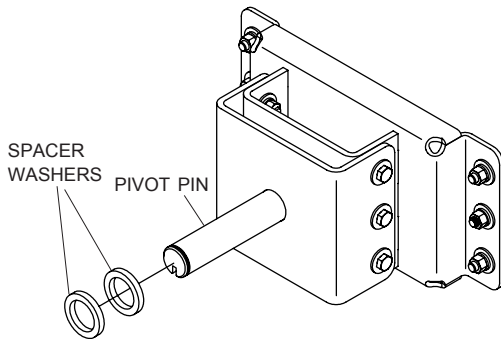


Item	Part #	Description
1.	1126423	Front Arm Assembly
2.	1118318	Spacer Washer - 1.81" OD
3.	1702888	Retaining Ring
4.	1111027	Spiral Torsion Spring
G.	1705680	Cap Screw - 3/8" x 1 3/4"
S.	1701580	Nylon Lock Nut - 3/8"
AA.	1702890	Flat Washer - 1 1/4" x 1 7/8"

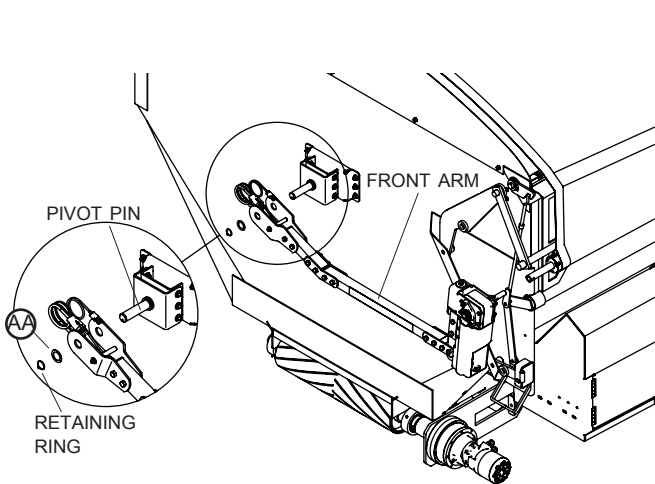


WARNING
 Do not stand or climb on flex arm. Standing or climbing on flex arm could result in fall/impact causing serious injury or death.

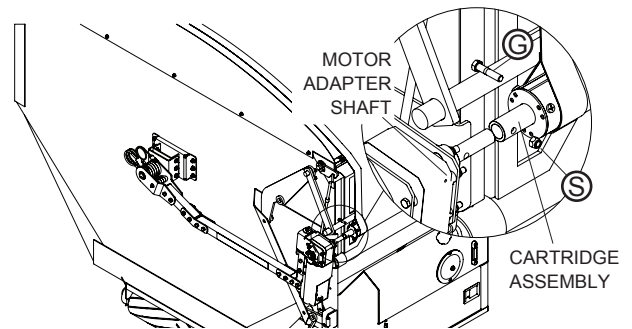
STEP 1: Install two spacer washers onto pivot pin on front pivot mount bracket.



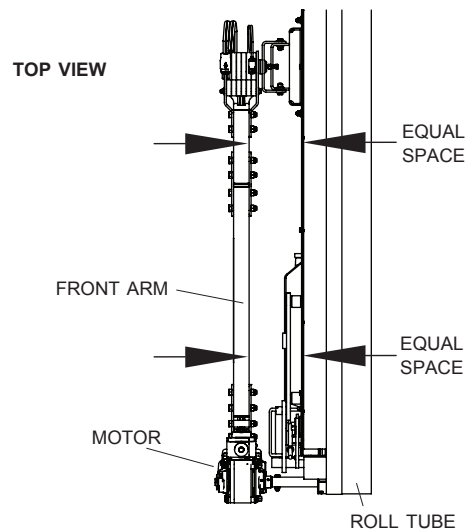
STEP 2: Temporarily install front arm assembly onto pivot pin. Secure with flat washer and retaining ring.



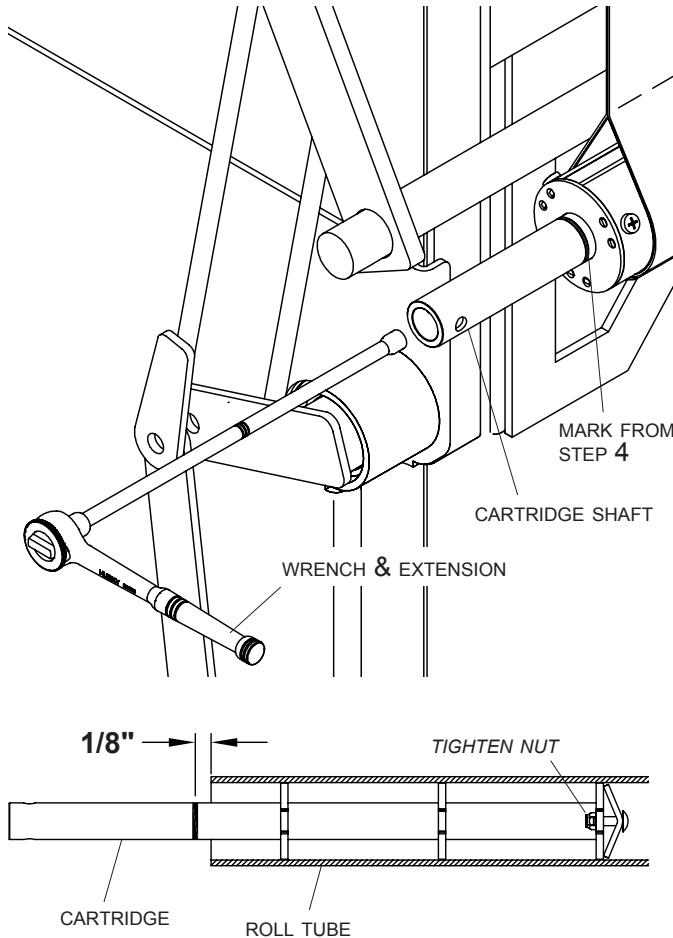
STEP 3: Insert motor adaptor shaft into cartridge assembly at front of roll tube. Temporarily secure motor to shaft with screw and lock nut.



STEP 4: While keeping tarp and roll tube stationary, adjust cartridge in and out of roll tube until entire length of front arm is parallel with front of box. Mark cartridge shaft at edge of roll tube cap.

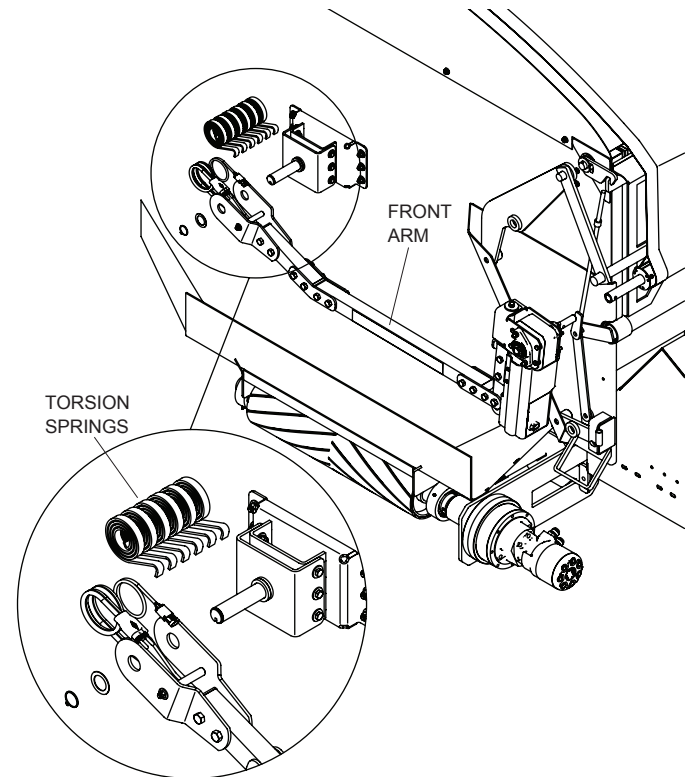


STEP 5: Unfasten and remove front arm assembly from cartridge shaft and pivot mount bracket. Tighten nut in cartridge to 20 ft. lbs. with socket wrench and long extension bar.



NOTE: Use caution because nut can only be tightened once. Pull cartridge shaft away from roll tube 1/8" before tightening because cartridge will move into roll tube as nut is tightened.

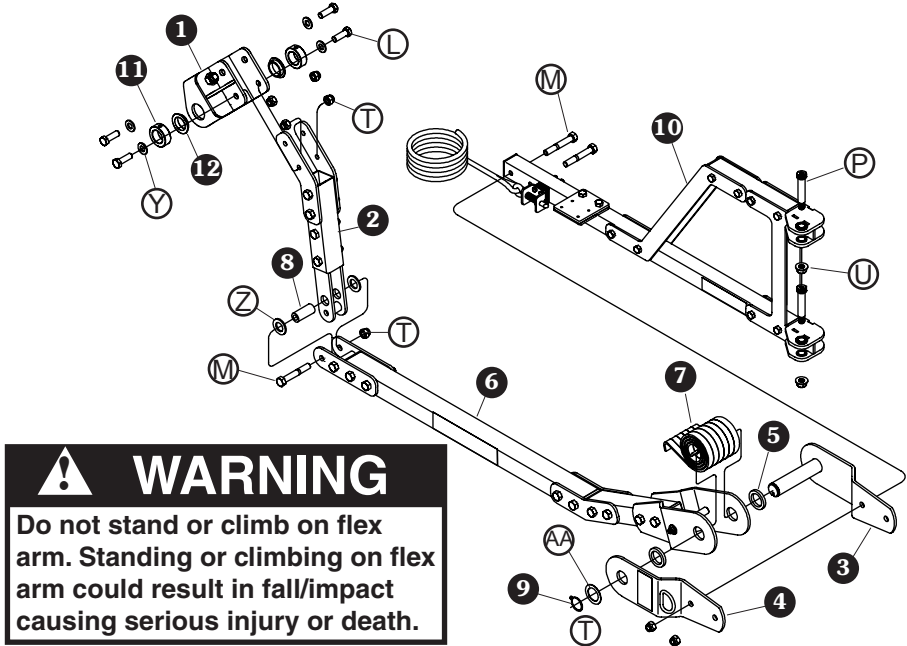
STEP 6: Add six torsion springs and reinstall front arm. Place anti-sieze on motor shaft before inserting into cartridge shaft.



⚠ WARNING
 Flex arms are under tension while torsion springs are engaged. Use caution while assembling and disassembling arms. Failure to read and follow instructions could result in serious injury or death.

⚠ WARNING
 Stay clear of the roll tarp and arm(s) sweep area, from front-to-back, during operation. Failure to do so may result in a fall/impact causing serious injury or death. For repair/service of equipment, reference manual for proper safety precautions before proceeding.
 Decal P/N 1705523

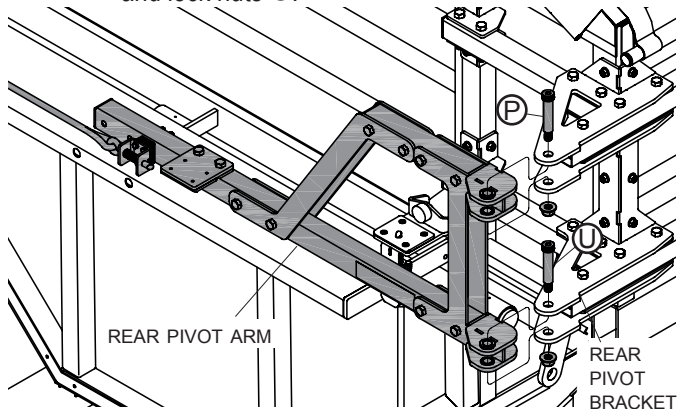
Item	Part #	Description
1.	1125968	Rear Arm Swivel Assembly
2.	1125924	Upper Rear Arm Assembly
3.	1125935	Spring Support Pin
4.	1126100	Spring Support Plate
5.	1118318	Spacer Washer
6.	1125916	Lower Rear Arm Assembly
7.	1111027	Spiral Torsion Spring
8.	1120712	Lower Arm Hinge Spacer
9.	1702888	Retaining Ring
10.	1126142	Pivot Arm Assembly
11.	1704807	Locking Collar - 1 1/4" ID
12.	1704468	Flange Bushing - 1.281" ID
L.	1702075	Cap Screw - 1/2" x 1 1/2"
M.	1704808	Cap Screw - 1/2" x 3 1/4"
P.	1705694	Shoulder Bolt - 5/8" x 7/8" Thd.
T.	1702115	Nylon Lock Nut - 1/2"
U.	1705695	Flanged Nylon Lock Nut - 5/8"
Y.	1703373	Flat Washer - 1/2"
Z.	1704810	Flat Washer - 1/8" x 1 1/2"
AA.	1702890	Flat Washer - 1 1/4" x 1 7/8"



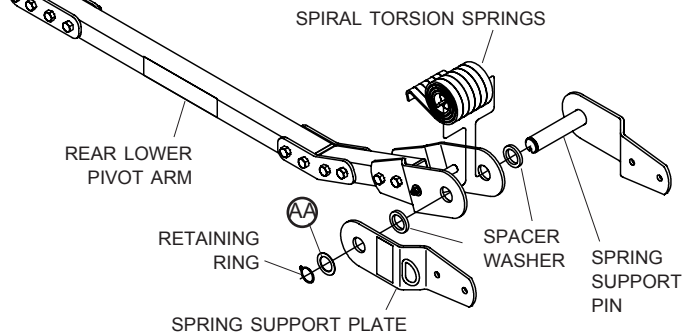
WARNING
 Do not stand or climb on flex arm. Standing or climbing on flex arm could result in fall/impact causing serious injury or death.

NOTE: For fixed rear arm, skip to page 22, "Fixed Rear Arm Assembly & Installation".

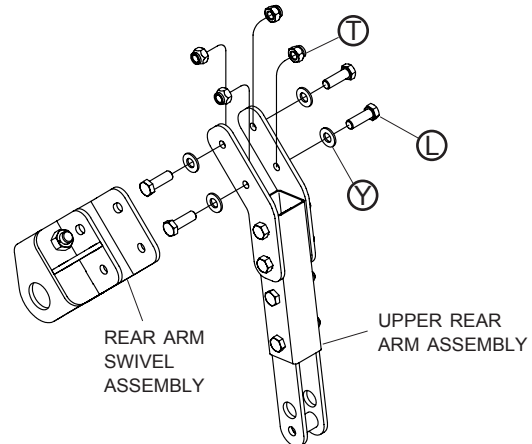
STEP 1: Rear pivot arm. Assemble rear pivot arm to rear pivot bracket as shown. Secure with 3/4" shoulder bolts P and lock nuts U.



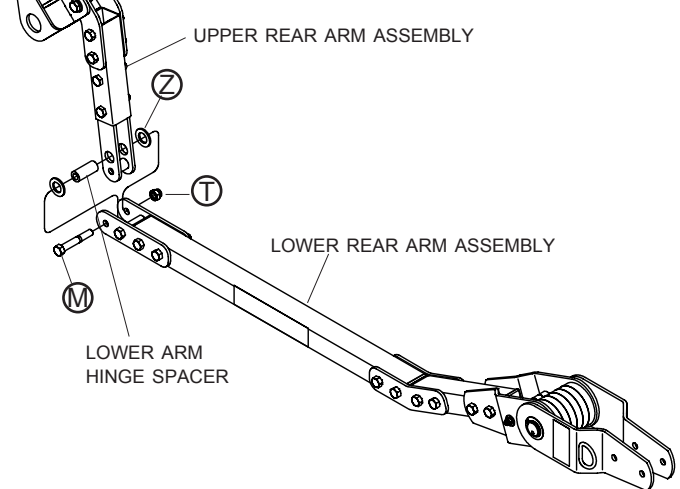
STEP 1: Assemble rear arm. Place first spacer washer onto spring support pin. Pass pin through rear lower pivot arm and torsion springs as shown. Install second spacer washer and spring support plate. Secure with flat washer AA and retaining ring.





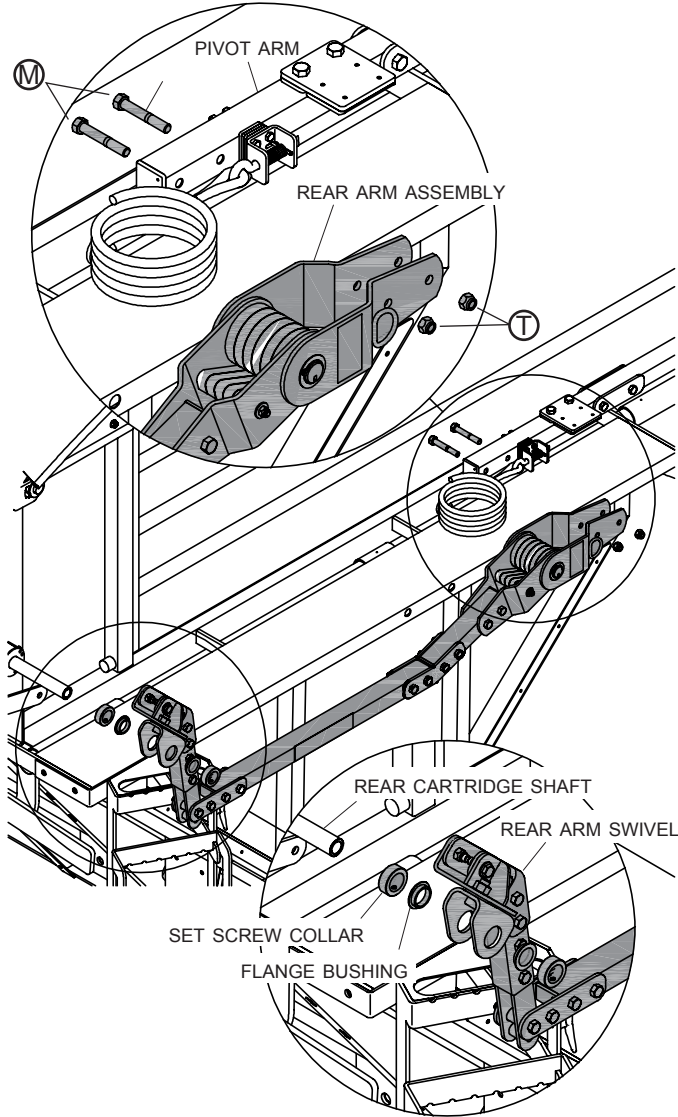
STEP 2: Assemble rear arm swivel assembly to upper rear arm with flat washers Y, bolts L and nuts T.



STEP 3: Assemble upper rear arm assembly to lower rear arm assembly as shown. Fasten with screws M, washers Z and nuts T.



STEP 4: Secure rear arm assembly to pivot arm with screws  and lock nuts .

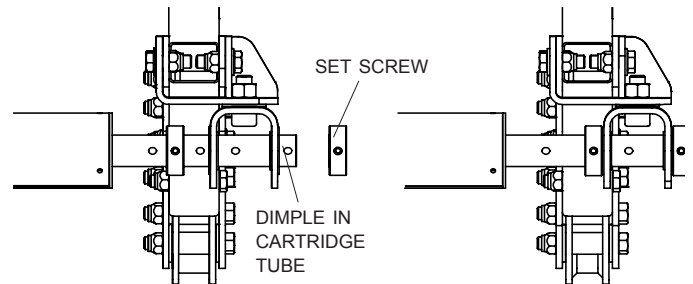


WARNING

Flex arms are under tension while torsion springs are engaged. Use caution while assembling and disassembling arms. Failure to read and follow instructions could result in serious injury or death.

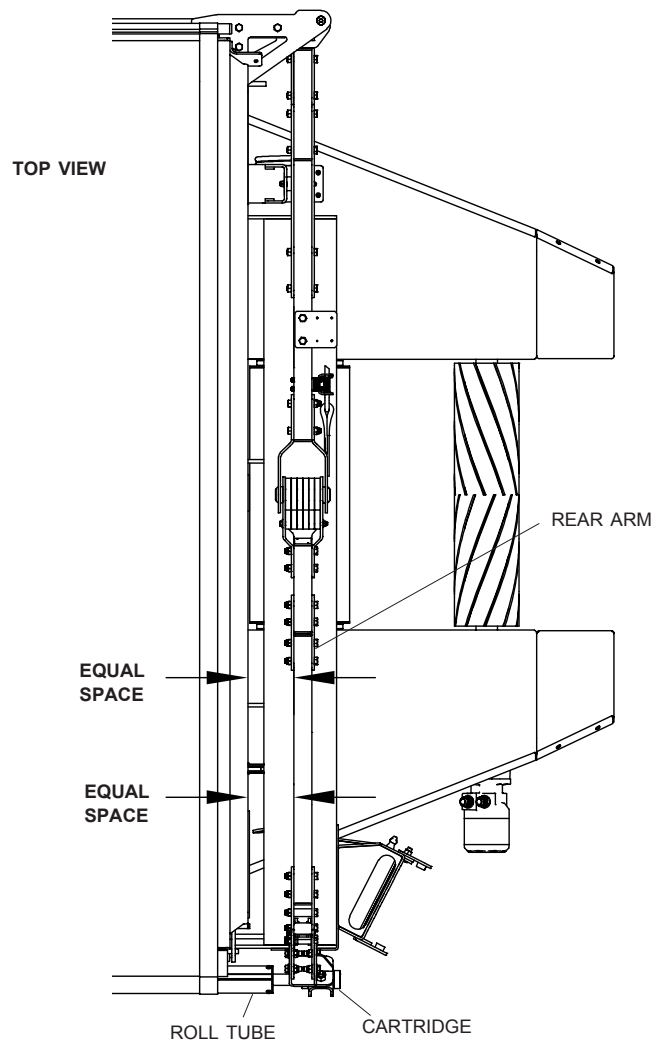
STEP 5: Assemble swivel end of rear arm assembly to rear cartridge shaft in roll tube with flange bushings and set screw collars.

STEP 6: Starting with rear-most locking collar, tighten set screws on locking collars at dimples in cartridge shaft.

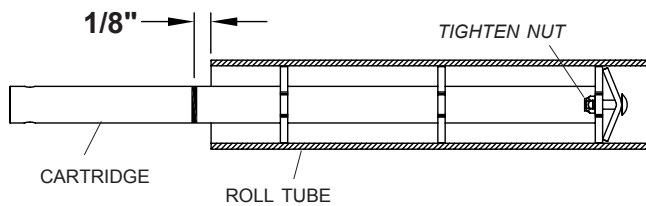
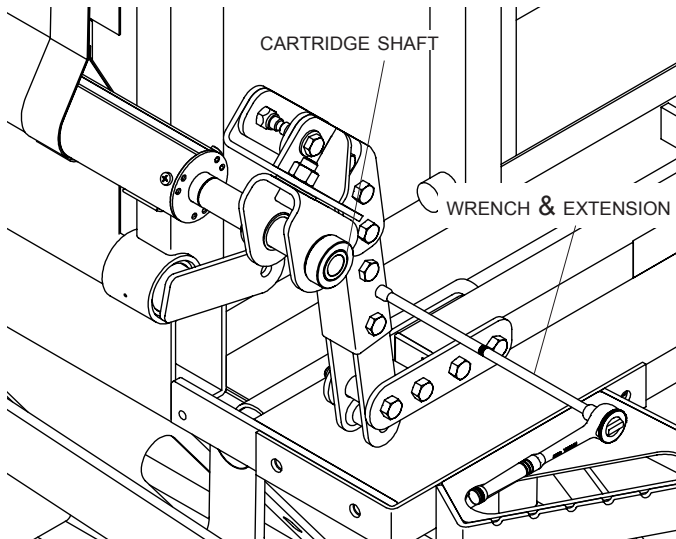


NOTE: When tightening set screws, align screws with dimples in cartridge tube.

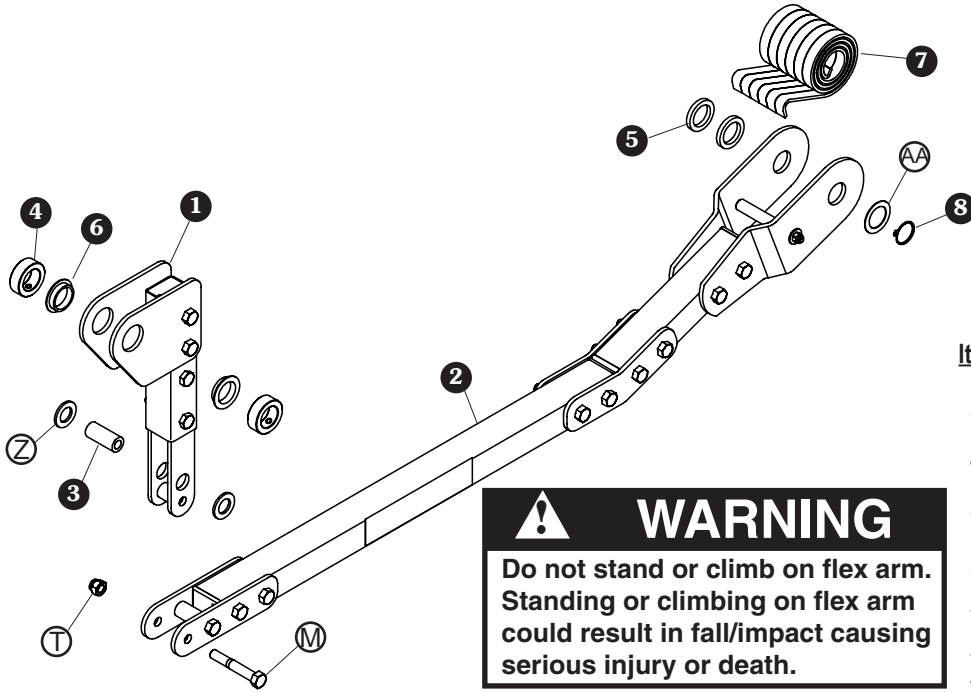
STEP 7: While keeping tarp and roll tube stationary, adjust cartridge in and out of roll tube until entire length of rear arm is parallel with rear of box. Mark cartridge shaft at edge of roll tube cap.



STEP 8: Secure rear cartridge shaft to roll tube with 1/2" socket and long extension. Tighten nut in cartridge to 20 ft. lbs. with socket wrench and long extension bar.



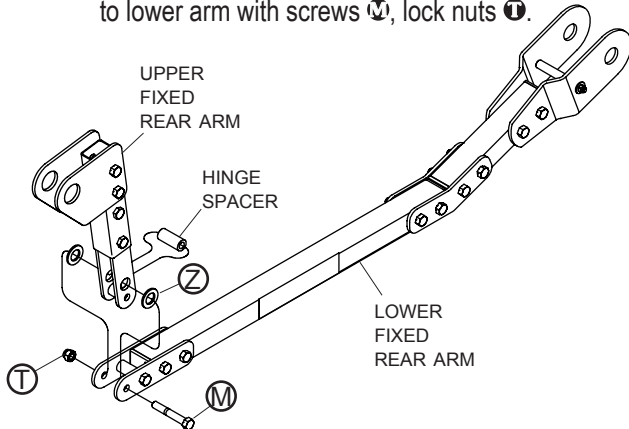
NOTE: Use caution because nut can only be tightened once. Pull cartridge shaft away from roll tube 1/8" before tightening because cartridge will move into roll tube as nut is tightened.



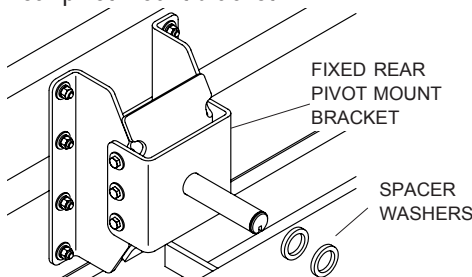
Item	Part #	Description
1.	1126272	Upper Rear Arm Assembly
2.	1125916	Lower Rear Arm Assembly
3.	1120712	Lower Arm Hinge Spacer
4.	1704807	Locking Collar - 1 1/4" ID
5.	1118318	Spacer Washer
6.	1704468	Flange Bushing
7.	1111027	Spiral Torsion Spring
8.	1702888	Retaining Ring
M.	1704808	Cap Screw - 1/2" x 3 1/4"
T.	1702115	Nylon Lock Nut - 1/2"
Z.	1704810	Flat Washer - 7/8" x 1 1/2"
AA.	1702890	Flat Washer - 1 1/4" x 1 7/8"

WARNING
 Do not stand or climb on flex arm. Standing or climbing on flex arm could result in fall/impact causing serious injury or death.

STEP 1: Align hinge spacer and washers Z with holes in upper and lower fixed rear arms as shown. Fasten upper arm to lower arm with screws M, lock nuts T.

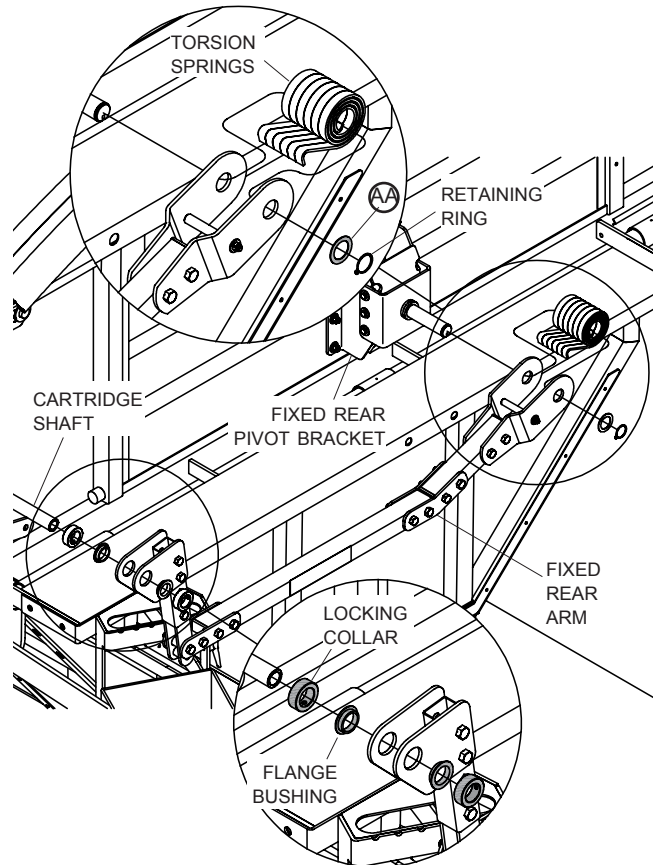


STEP 2: Install two spacer washers onto pivot pin on fixed rear pivot mount bracket.



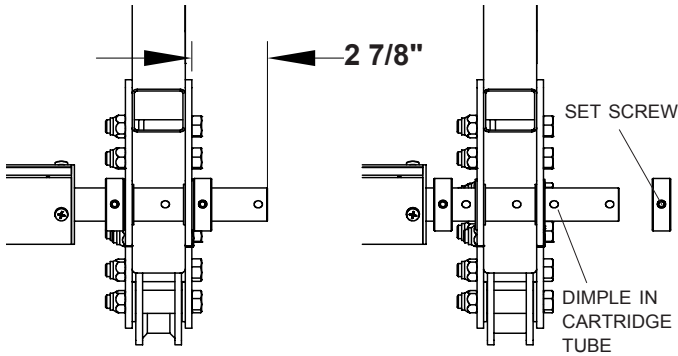
WARNING
 Flex arms are under tension while torsion springs are engaged. Use caution while assembling and disassembling arms. Failure to read and follow instructions could result in serious injury or death.

STEP 3: Install fixed rear arm with six spiral torsion springs onto fixed rear pivot bracket. Secure with washer AA and retaining ring.



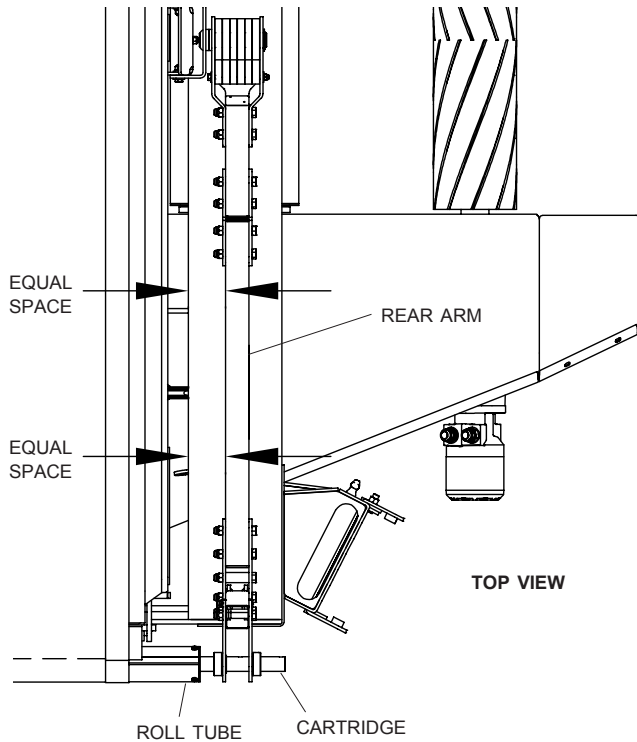
STEP 4: Assemble fixed rear arm to rear cartridge shaft in roll tube with flange bushings and lock collars.

STEP 5: Starting with rear-most locking collar, tighten set screws on locking collars at dimples in cartridge shaft as shown.

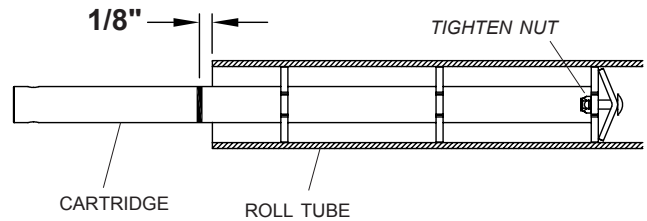
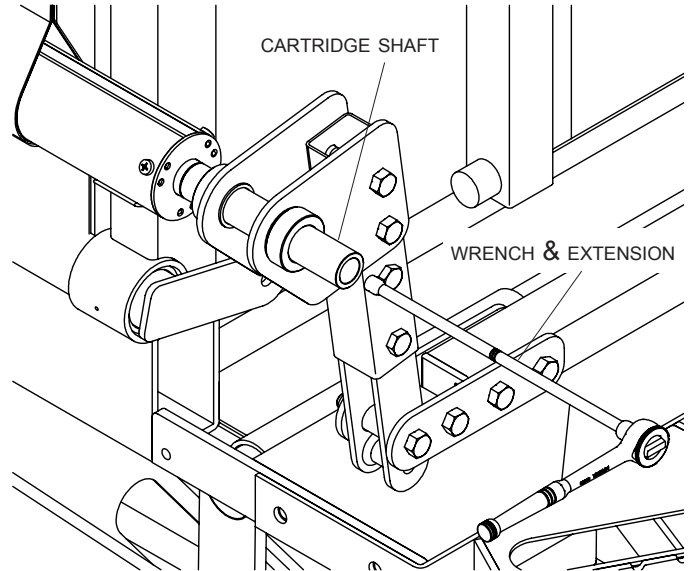


NOTE: When tightening set screws, align screws with dimples in cartridge tube.

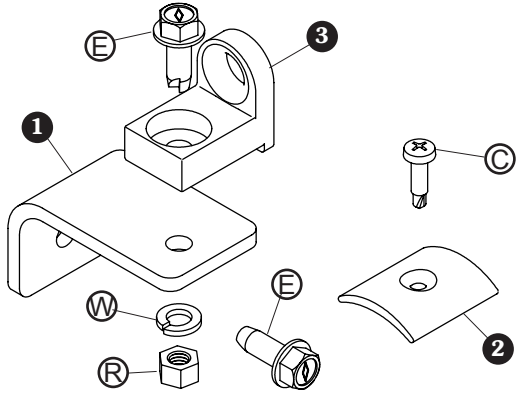
STEP 6: While keeping tarp and roll tube stationary, adjust cartridge in and out of roll tube until entire length of rear arm is parallel with rear of box. Mark cartridge shaft at location shown.



STEP 7: Tighten nut in cartridge to 20 ft. lbs. with socket wrench and long extension bar.

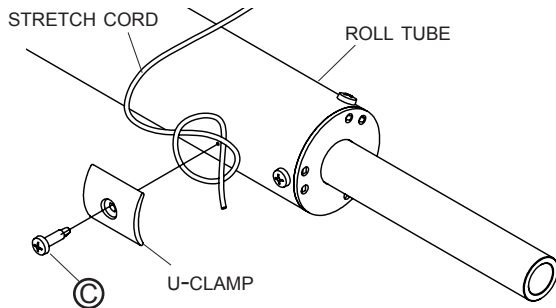


NOTE: Use caution because nut can only be tightened once. Pull cartridge shaft away from roll tube 1/8" before tightening because cartridge will move into roll tube as nut is tightened.

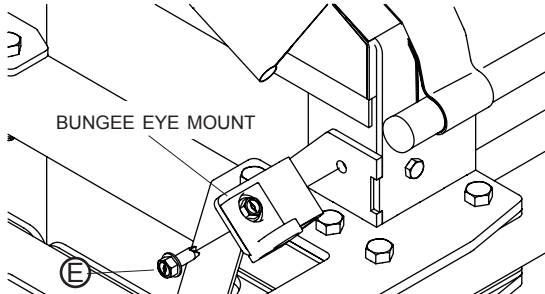


Item	Part #	Description
1.	1126369	Bungee Eye Mount
2.	1701354	Plastic U-Clamp
3.	1703445	Eye Bracket
C.	1705198	Pan Hd. Self-Drilling Screw - 1/4" x 1"
E.	1700400	Self-Tapping Screw - 3/8" x 1"
R.	1700407	Hex Nut - 3/8"
W.	1700434	Lock Washer - 3/8"

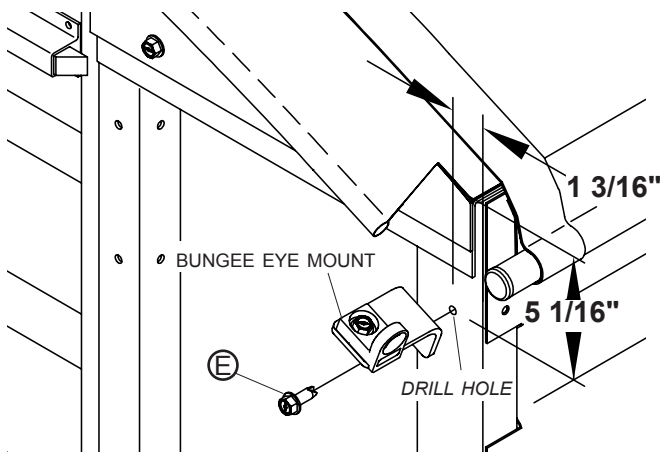
STEP 1: Secure end of stretch cord from rear tarp tail to roll tube with U-clamp and screw C.



STEP 2: Swing End. Remove top rear screw E from pivot bracket. Secure stretch cord bracket with screw E.

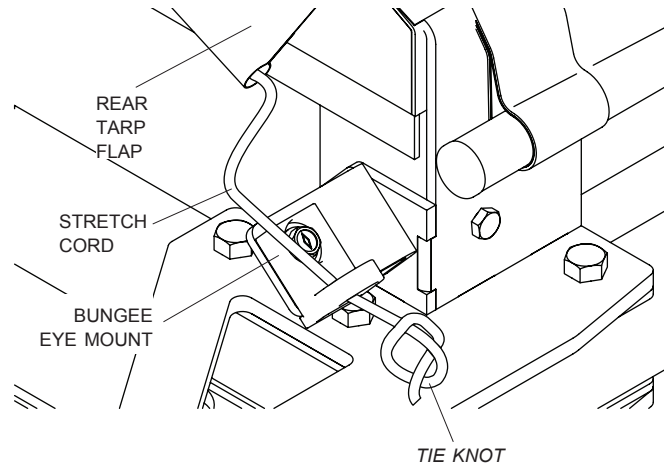


Fixed End. Mark location and drill 5/16" (11/32" for stainless steel) in corner tube. Use impact driver to secure bungee eye mount with screw E.

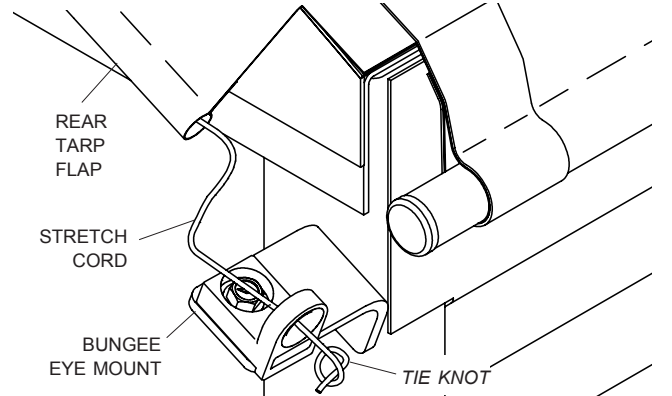


STEP 3: Thread stretch cord through hole in bungee eye mount. Tension cord so rear tarp flap is pulled down snugly over rear cap/bow. Tie knot to secure. Do not cut to length at this time. Open and close tarp several times and adjust stretch cord tension as needed.

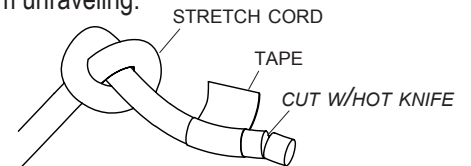
SWING END



FIXED END

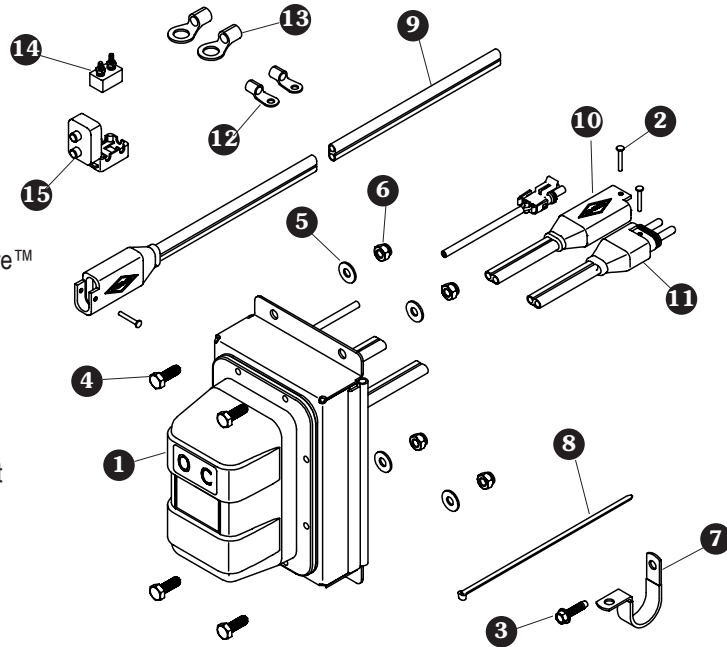


STEP 4: Tape end of stretch cord and cut cord to length with hot knife, or use flame to melt end of cord and prevent end from unraveling.

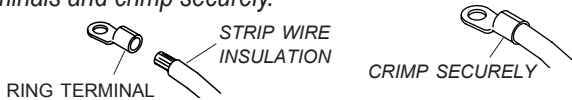


NOTE: For rocker switch installation, refer to electric wiring instructions P/N 1116302.

Item	Part #	Description
1.		Shur-Co® Wireless Receiver - SMARTWire™
2.	1704751	Harness Lock Pin - 1/4" x 7/8"
3.	1704338	Self-Tapping Screw - 1/4" x 1"
4.	1702926	Cap Screw - 5/16" x 7/8"
5.	1700428	Flat Washer - 5/16"
6.	1700419	Lock Nut - 5/16"
7.	1702108	Wire Clip - 3/4"
8.	1703231	Cable Tie - 8"
9.	1704994	SMARTwire™ - 6 Ga. x 40' - Socket/Blunt
10.	1120817	SMARTwire™ - 6 Ga. x 6' 3" - Socket
11.	1704706	SMARTwire™ - 6 Ga. x 2' 4" - Plug
12.	1703245	Ring Terminal - 6 Ga. x #10 Stud
13.	1703244	Ring Terminal - 6 Ga. x 3/8" Stud
14.	1704354	40-Amp Modified-Reset Circuit Breaker
15.	1704411	Circuit Breaker Rubber Boot - Red



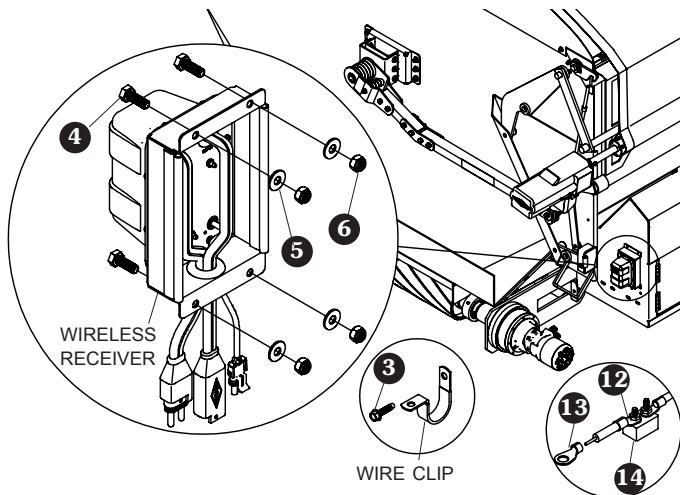
NOTE: Cut wires to length and strip only enough wire insulation to install ring terminals. Insert bare wire into ring terminals and crimp securely.



STEP 1: Fasten wireless receiver to front of box with screws 4, washers 5 and nuts 6.

STEP 2: Plug SMARTwire™ and encoder wires from receiver to arm.

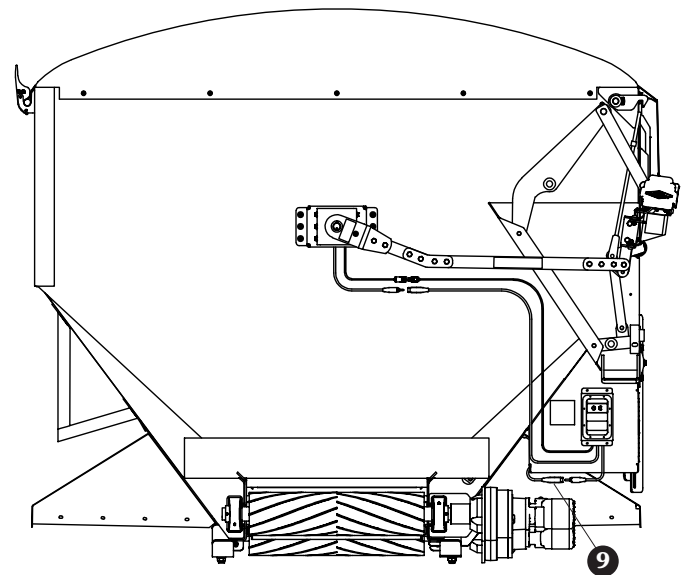
STEP 3: Drill 7/32" holes and secure wires to face of box with wire clips and screws 3.



NOTE: Locate screws in voids in tubing or behind angle. Make sure screws do not extend into box where cargo could be damaged.

STEP 4: Plug SMARTwire™ 9 into receiver. Route to power supply, cut to length and add ring terminals 13.

STEP 5: Install circuit breaker 14, ring terminals 12 and circuit breaker boot 15. Mount circuit breaker in line on red wire, as close as possible to power supply.



STEP 6: Attach to 12-volt power supply.

NOTICE

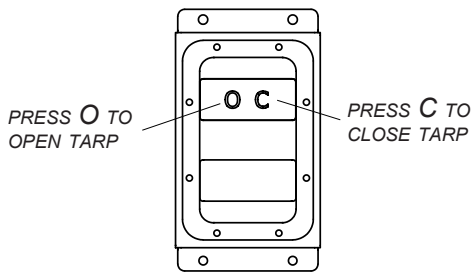
Do not power any Shur-Co® wireless system with battery charger alone, as this will likely cause system damage and void warranty. Instead, use 12-volt truck/automobile battery to power system.

NOTE: Coat each connection with dielectric grease (P/N 1704378) to prevent corrosion.

CAUTION

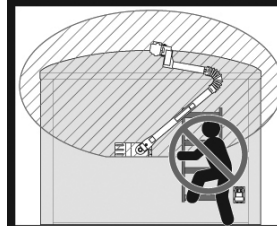
Check all hardware for complete assembly before operating. Inspect system at this time and adjust as required.

NOTE: Receiver may be pressure washed, but keep nozzle at least 3' from system while spraying.



WARNING

Stay clear of roll tarp and arm(s) area of travel during operation. Failure to do so could result in serious injury or death.



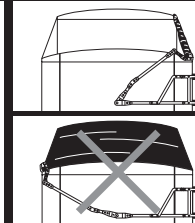
WARNING

Stay clear of the roll tarp and arm(s) sweep area, from front-to-back, during operation. Failure to do so may result in a fall/impact causing serious injury or death. For repair/service of equipment, reference manual for proper safety precautions before proceeding.

Decal P/N 1705523

WARNING CUIDADO

To avoid tarp system damage do not close tarp over empty box. Failure to adhere to warning will void all warranty of system.

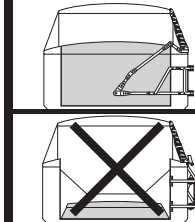


Para evitar daños al sistema de enlonado no cierre la lona sobre la caja vacía. El incumplimiento de la advertencia anulará toda garantía del sistema.

Decal P/N: 1706418

WARNING CUIDADO

To avoid tarp system damage always close rear gate/door & swing arm when box is empty. Failure to adhere to warning will void all warranty of system.

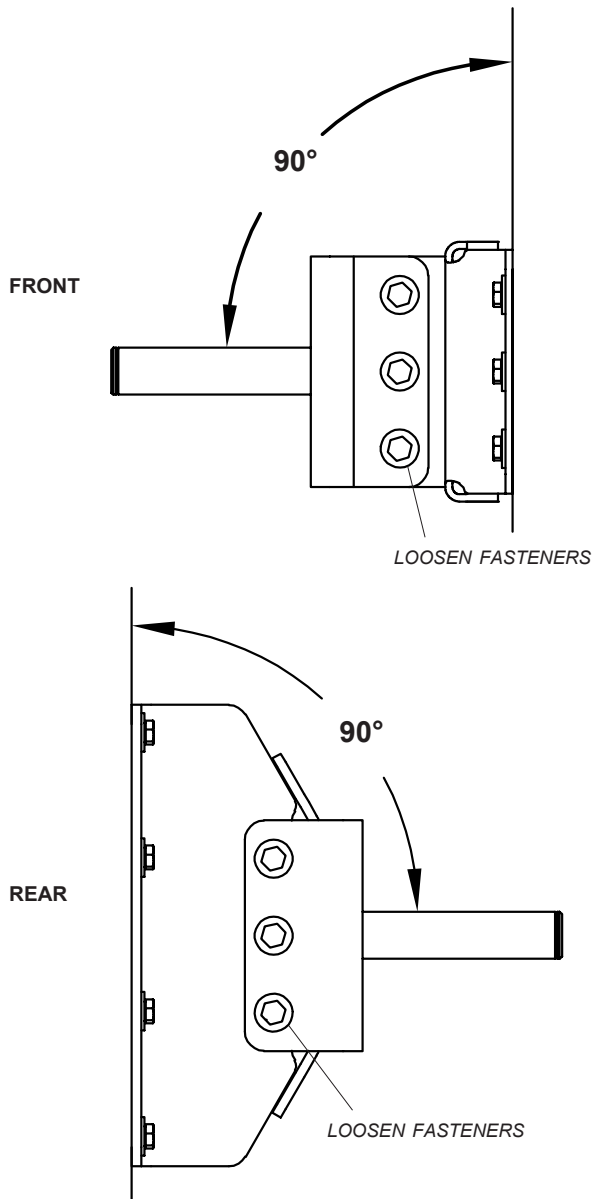


Para evitar daños al sistema de enlonado, siempre cierre la puerta/tapa y el brazo basculante cuando la caja esté vacía. El incumplimiento de la advertencia anulará toda garantía del sistema.

Decal P/N: 1706419

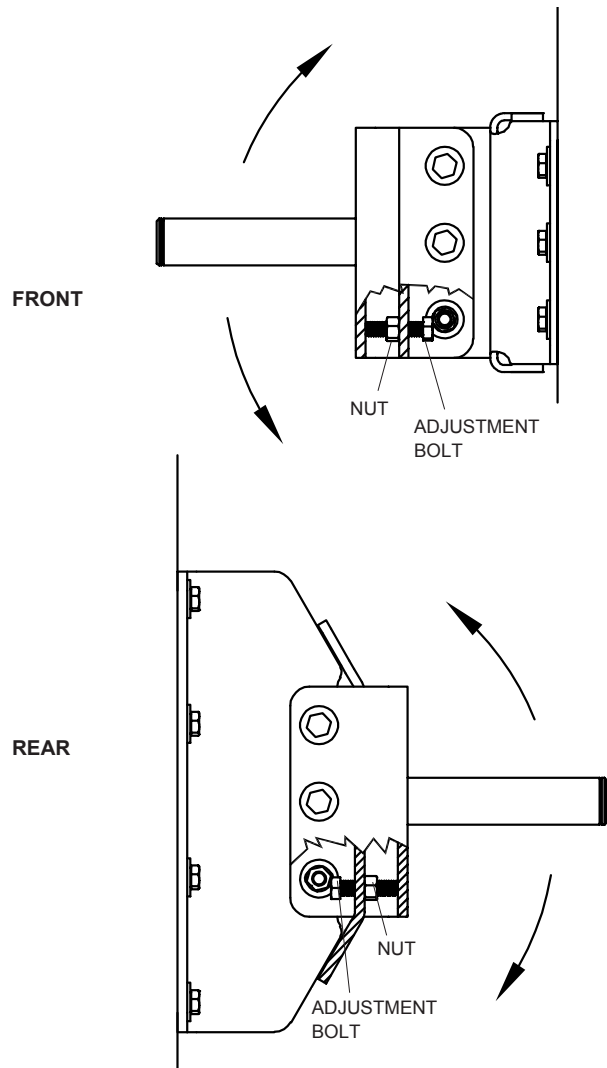
NOTE: Only adjust pivot brackets if tarp does not track correctly when brackets are aligned 90° to face of box.

STEP 1: Loosen fasteners on sides of pivot brackets.



NOTE: Do not remove fasteners.

STEP 2: Turn nut on adjustment bolt to adjust angle of pivot shaft up or down. Tighten nut.



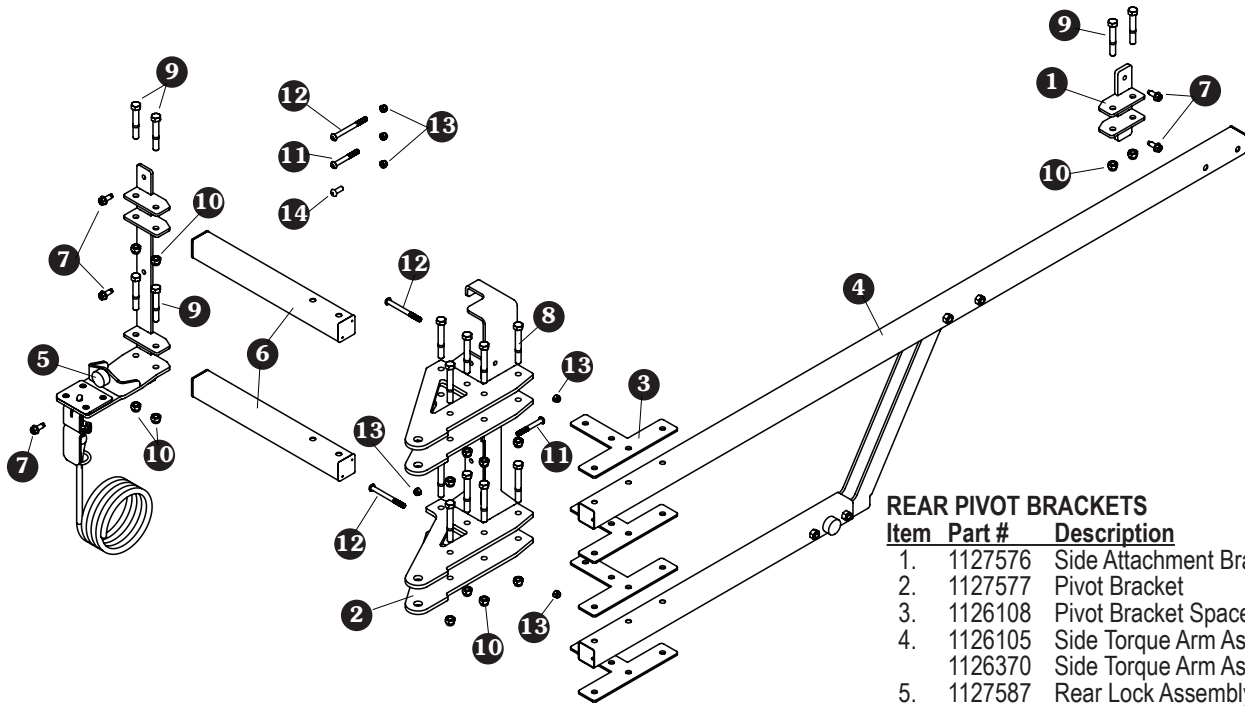
STEP 3: Retighten all six fasteners at sides of pivot bracket.

STEP 4: Operate tarp to check for correct movement. Repeat steps if needed.

Swing End: On front pivot bracket, adjust angle of shaft upward if tarp is walking to front of box when opening cover. Adjust shaft angle downward if tarp is walking to rear.

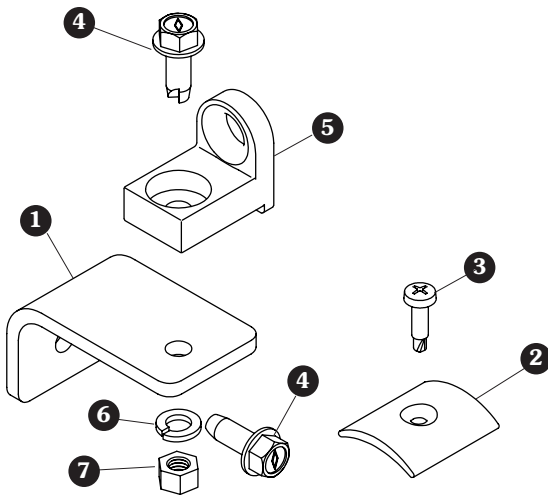
Fixed End Front: On front pivot bracket, adjust angle of shaft upward if tarp is walking to front of box when opening or downward if tarp is walking to rear.

Fixed End Rear: Adjust angle of shaft upward if tarp is walking to rear when opening cover and downward if tarp is walking to front.



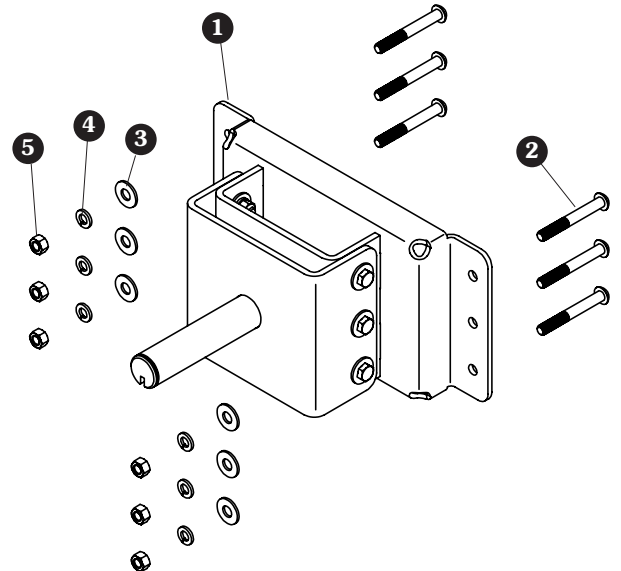
REAR PIVOT BRACKETS

Item	Part #	Description
1.	1127576	Side Attachment Bracket
2.	1127577	Pivot Bracket
3.	1126108	Pivot Bracket Spacer
4.	1126105	Side Torque Arm Assy. - 20' to 24'
	1126370	Side Torque Arm Assy. - 26' to 30'
5.	1127587	Rear Lock Assembly Assy. Bracket
6.	1126181	Anti-Torque Tube - Rear Assembly
7.	1700400	Self-Tapping Screw - 3/8" x 1"
8.	1705687	Cap Screw - 1/2" x 3 3/4"
9.	1704808	Cap Screw - 1/2" x 3 1/4"
10.	1702115	Nylon Lock Nut - 1/2"
11.	1705758	Button Head Cap Screw - 3/8" x 3"
12.	1706012	Button Head Cap Screw - 3/8" x 4"
13.	1701580	Nylon Lock Nut - 3/8"
14.	1705322	Button Head Cap Screw - 3/8" x 1"



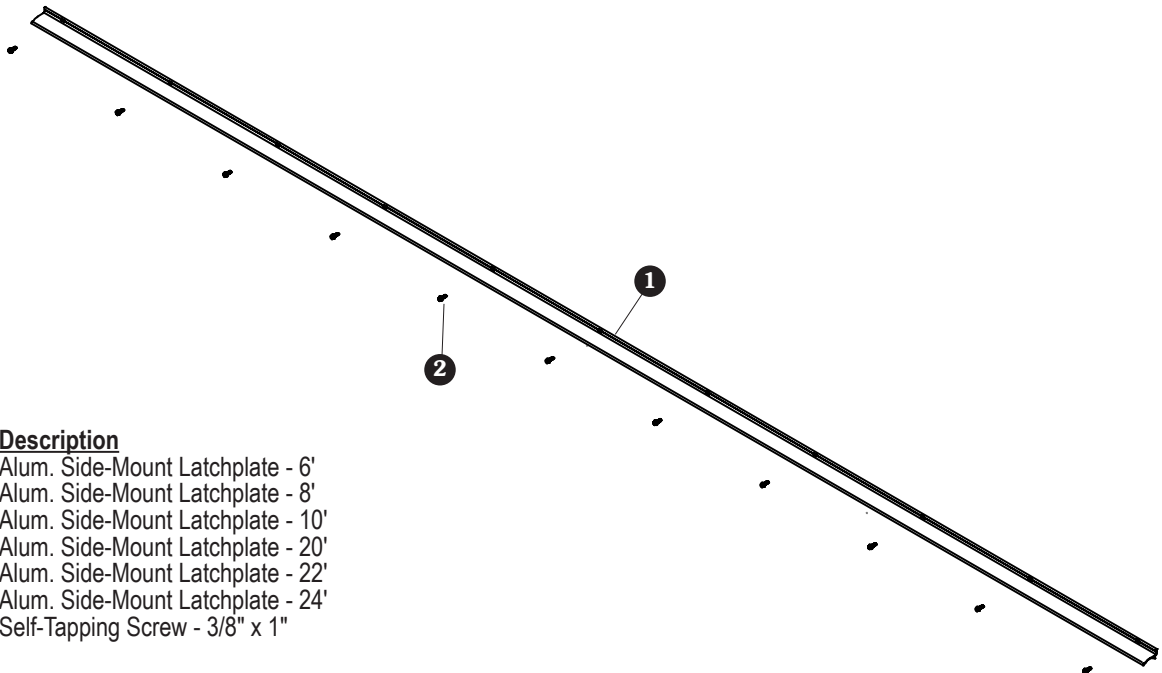
STRETCH CORDS

Item	Part #	Description
1.	1126369	Bungee Eye Mount
2.	1701354	Plastic U-Clamp
3.	1705198	Pan Hd. Self-Drilling Screw - 1/4" x 1"
4.	1700400	Self-Tapping Screw - 3/8" x 1"
5.	1703445	Eye Bracket
6.	1700434	Lock Washer - 3/8"
7.	1700407	Hex Nut - 3/8"



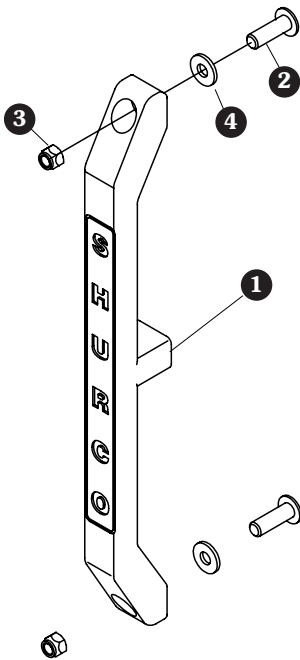
FRONT PIVOT MOUNT BRACKETS

Item	Part #	Description
1.	1126102	Front Pivot Mt. Bracket Assembly
2.	1705758	Button Hd. Cap Screw - 3/8" x 3"
3.	1700429	Flat Washer - 3/8"
4.	1700434	Lock Washer - 3/8"
5.	1700407	Hex Nut - 3/8"



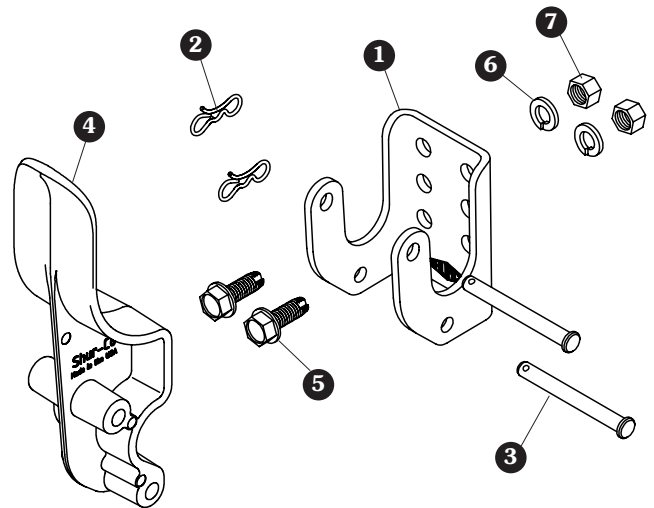
LATCHPLATES

Item	Part #	Description
1.	1120220	Alum. Side-Mount Latchplate - 6'
	1120221	Alum. Side-Mount Latchplate - 8'
	1122085	Alum. Side-Mount Latchplate - 10'
	1125198	Alum. Side-Mount Latchplate - 20'
	1125199	Alum. Side-Mount Latchplate - 22'
	1125200	Alum. Side-Mount Latchplate - 24'
2.	1700400	Self-Tapping Screw - 3/8" x 1"



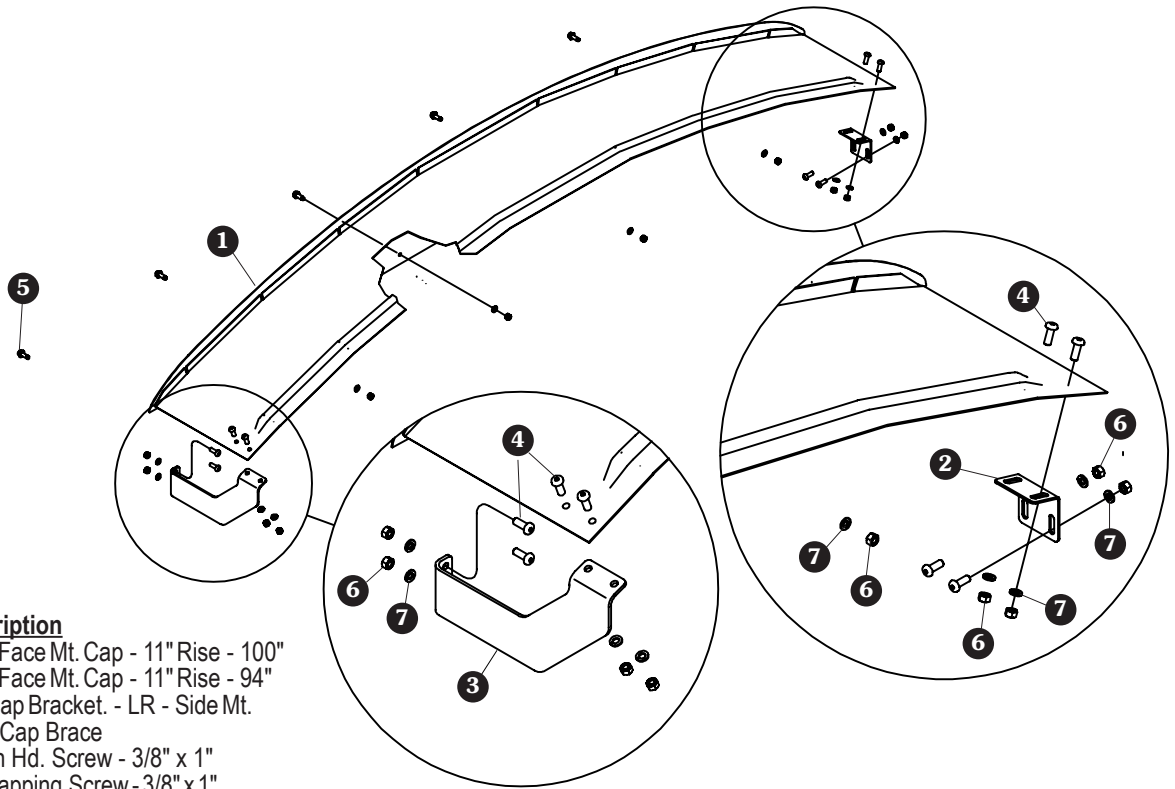
ROLL TUBE DEFLECTORS

Item	Part #	Description
1.	1112029	Roll Tube Deflector - Gray
	1114658	Roll Tube Deflector - Black
2.	1704441	Flanged Button Hd. Screw - 5/16" x 1"
3.	1704297	Nylon Lock Nut - 5/16"
4.	1700428	Flat Washer - 5/16"



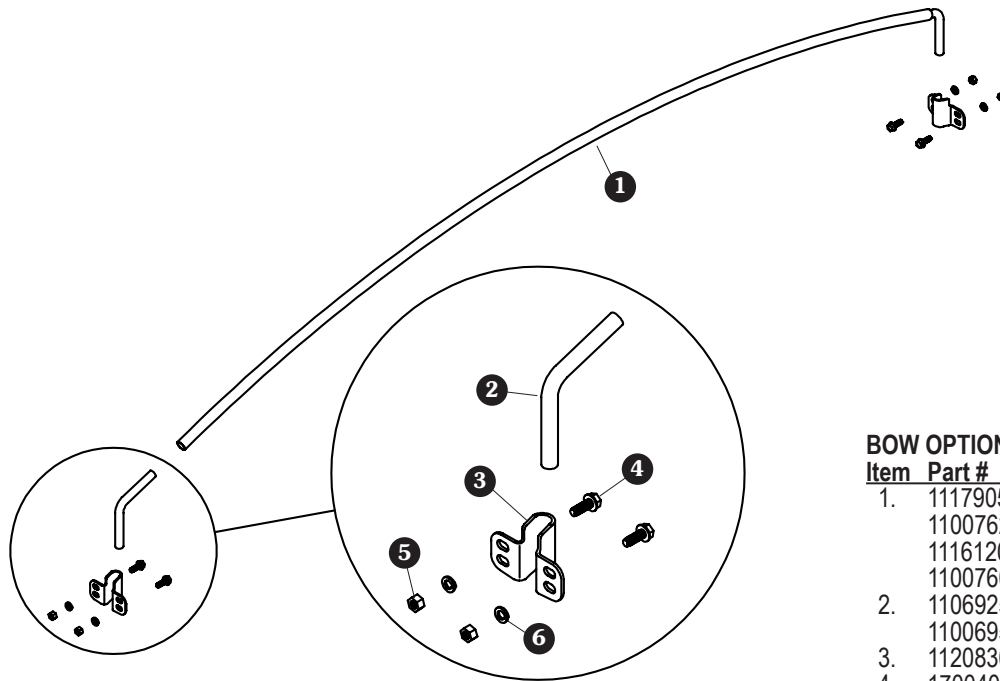
EASY-OFF TARP STOPS

Item	Part #	Description
1.	1100833	Easy-Off Tarp Stop Body
2.	1704380	Bowtie Cotter Pin
3.	1703604	Clevis Pin - 5/16" x 2 7/8"
4.	1705775	Easy-Off Aluminum Tarp Stop Upright
5.	1700400	Self-Tapping Screw - 3/8" x 1"
6.	1700434	Lock Washer - 3/8"
7.	1700407	Hex Nut - 3/8"



FRONT CAPS

Item	Part #	Description
1.	1126294	Galv. Face Mt. Cap - 11" Rise - 100"
	1126503	Galv. Face Mt. Cap - 11" Rise - 94"
2.	1118188	End Cap Bracket - LR - Side Mt.
3.	1126310	Front Cap Brace
4.	1705322	Button Hd. Screw - 3/8" x 1"
5.	1700400	Self-Tapping Screw - 3/8" x 1"
6.	1700407	Hex Nut - 3/8"
7.	1700434	Lock Washer - 3/8"

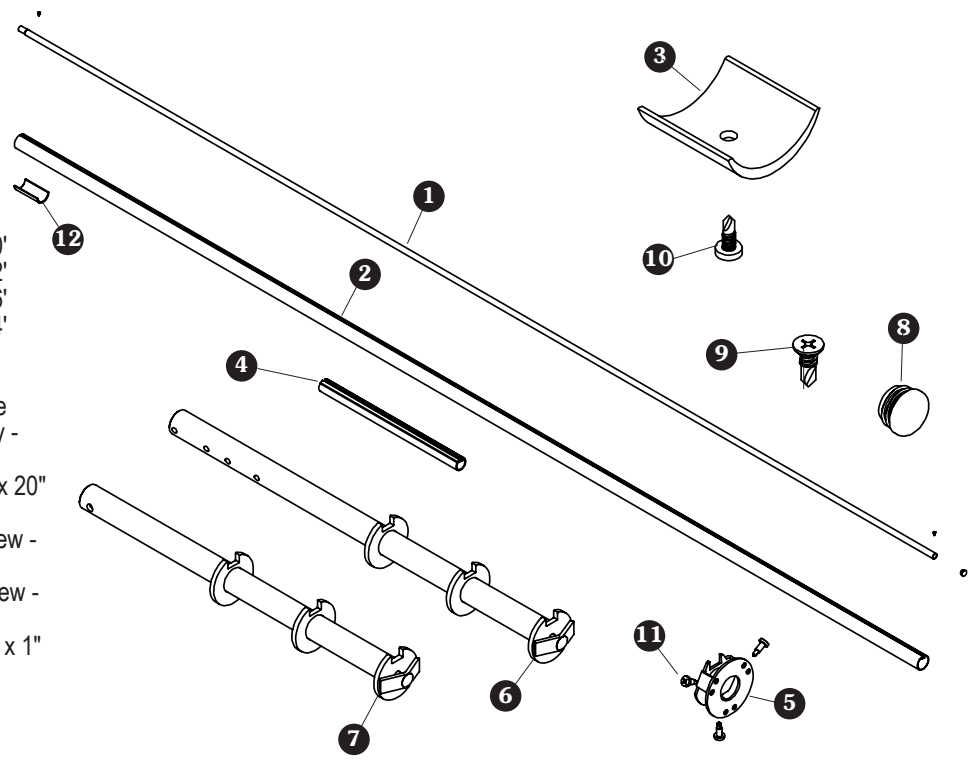


BOW OPTIONS

Item	Part #	Description
1.	1117905	Std. High-Rise Bow - 89" to 95"
	1100762	Std. High-Rise Bow - 96" to 102"
	1116120	Std. Low-Rise Bow - 85" to 92"
	1100760	Std. Low-Rise Bow - 93" to 102"
2.	1106925	Std. High-Rise Bow Shank
	1100695	Std. Low-Rise Bow Shank
3.	1120836	Single Bow Bracket
4.	1700400	Self-Tapping Screw - 3/8" x 1"
5.	1700407	Hex Nut - 3/8"
6.	1700434	Lock Washer - 3/8"

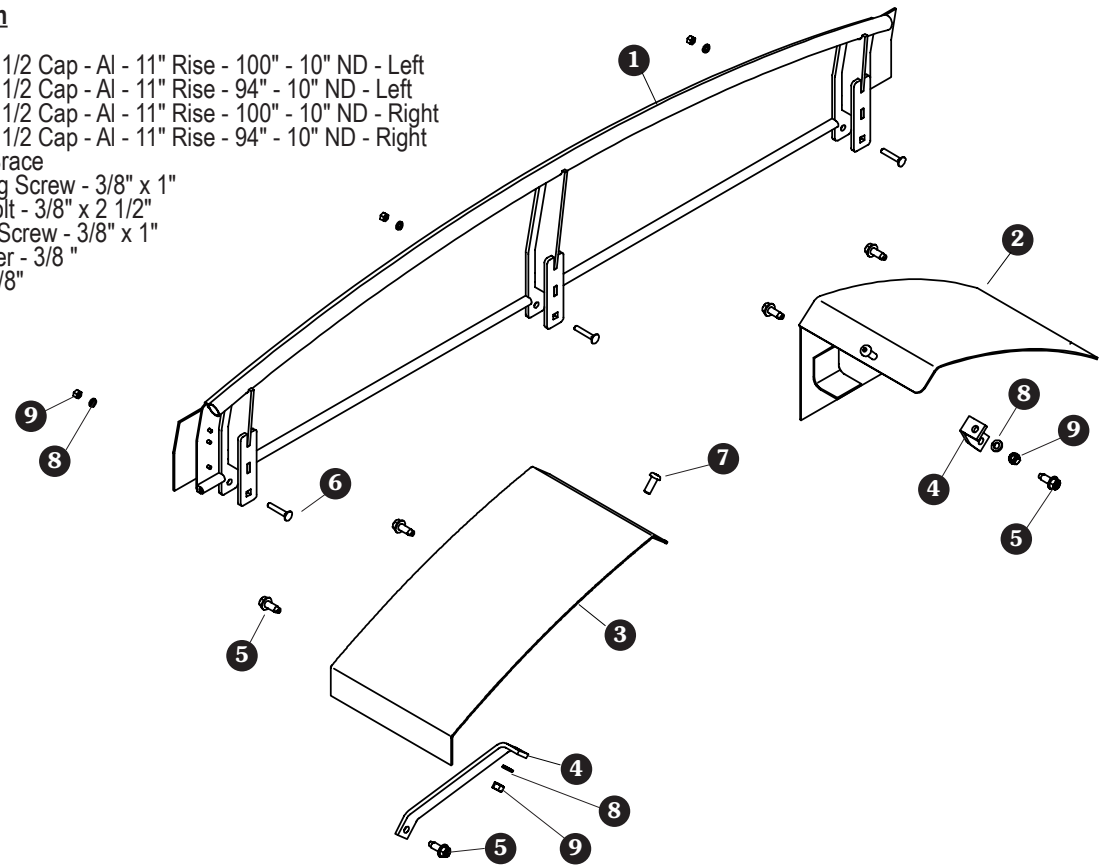
TARP TUBES

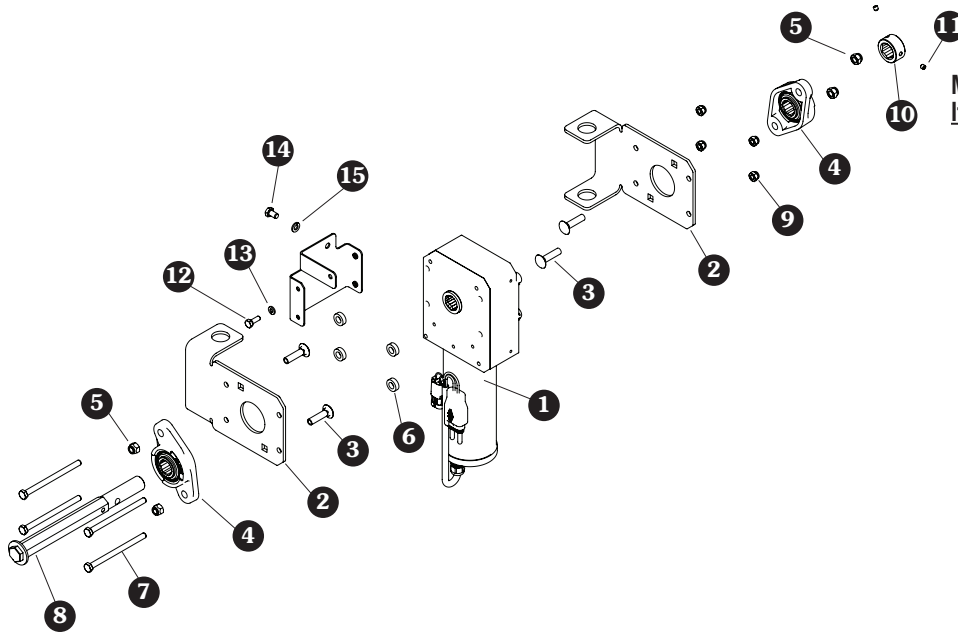
Item	Part #	Description
1.	1700051	Fixed Tube - 1 1/8" x 16'
	1700049	Fixed Tube - 1 1/8" x 20'
	1701428	Fixed Tube - 1 1/8" x 24'
2.	1120040	Alum. Roll Tube - 3" x 10'
	1118639	Alum. Roll Tube - 3" x 12'
	1704439	Alum. Roll Tube - 3" x 16'
	1704236	Alum. Roll Tube - 3" x 24'
3.	1701354	Plastic U-Clamp
4.	1704863	Splice - 3" x 36"
5.	1121040	Roll Tube Cap - 3" Spline
6.	1125923	Rear Cartridge Assembly - 3" x 24 1/4"
7.	1125921	Cartridge Assembly - 3" x 20"
8.	1700523	End Plug - 1 1/8"
9.	1704768	Flat Hd. Self-Drilling Screw - 1/4" x 3/4"
10.	1700398	Pan Hd. Self-Drilling Screw - 1/4" x 3/4"
11.	1705198	Self-Drilling Screw - 1/4" x 1"
12.	1126668	Tarp Spacer



BACK CAPS

Item	Part #	Description
1.	1126662	Rear Bow
2.	1126297	Back Cap - 1/2 Cap - Al - 11" Rise - 100" - 10" ND - Left
	1126506	Back Cap - 1/2 Cap - Al - 11" Rise - 94" - 10" ND - Left
3.	1126300	Back Cap - 1/2 Cap - Al - 11" Rise - 100" - 10" ND - Right
	1126509	Back Cap - 1/2 Cap - Al - 11" Rise - 94" - 10" ND - Right
4.	1126311	Rear Cap Brace
5.	1700400	Self-Tapping Screw - 3/8" x 1"
6.	1704516	Carriage Bolt - 3/8" x 2 1/2"
7.	1705322	Button Hd. Screw - 3/8" x 1"
8.	1700434	Lock Washer - 3/8"
9.	1700407	Hex Nut - 3/8"



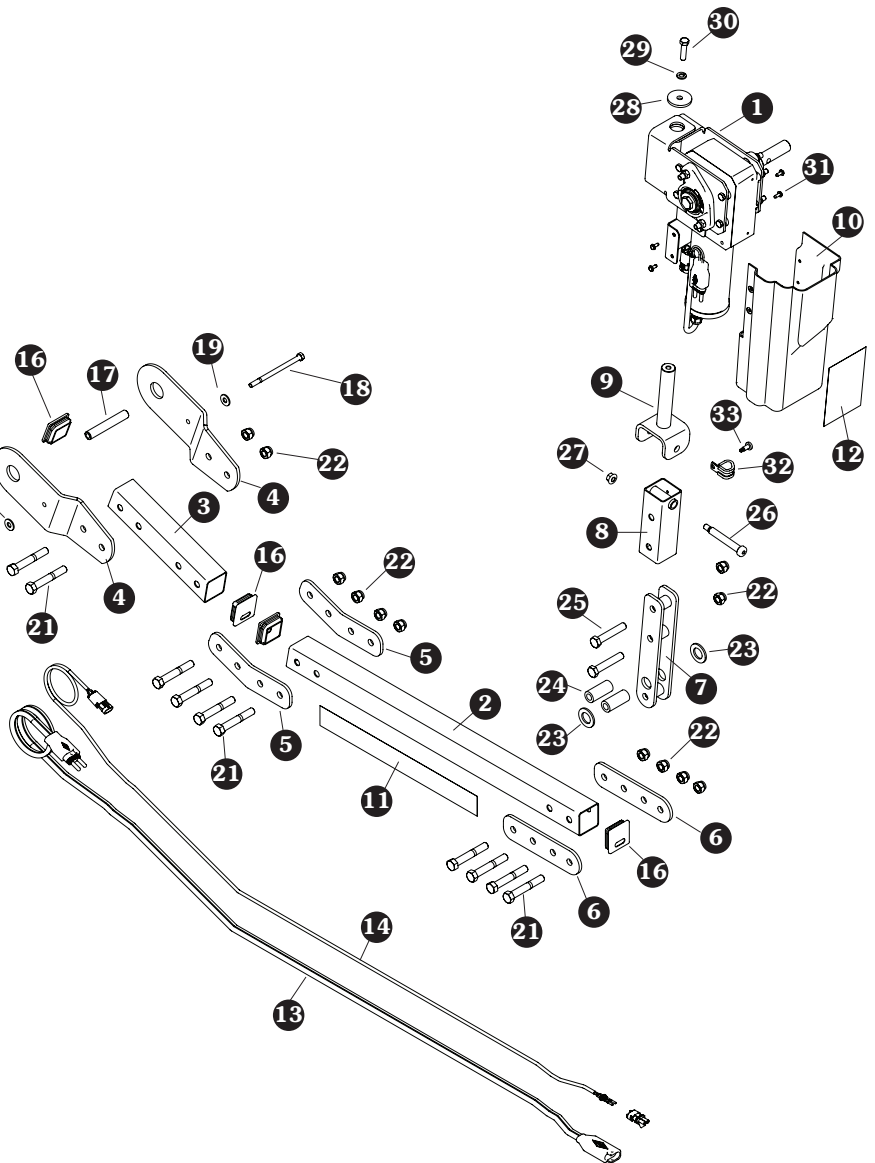


MOTOR ASSEMBLIES

Item	Part #	Description
1.	1127575	Motor Mount Assembly TTP
2.	1126806	Motor
3.	1705917	Carriage Bolt - 3/8" x 1-1/2"
4.	1704456	Flange Bearing - 7/8" Hex
5.	1705918	Nylon Nut - 3/8"
6.	1126812	Spacer - 1/4"
7.	1705895	Cap Screw - 5/16" x 4-1/2"
8.	1127572	Drive Shaft
9.	1705919	Nylon Nut - 5/16"
10.	1704489	Collar - 7/8" Hex
11.	1704491	Set Screw - 1/4" x 1/4"
12.	1703171	Cap Screw - 5/16" x 1/2"
13.	1700433	Lock Washer - 5/16"
14.	1703959	Cap Screw - 1/4" x 3/4"
15.	1700436	Lock Washer - 1/4"

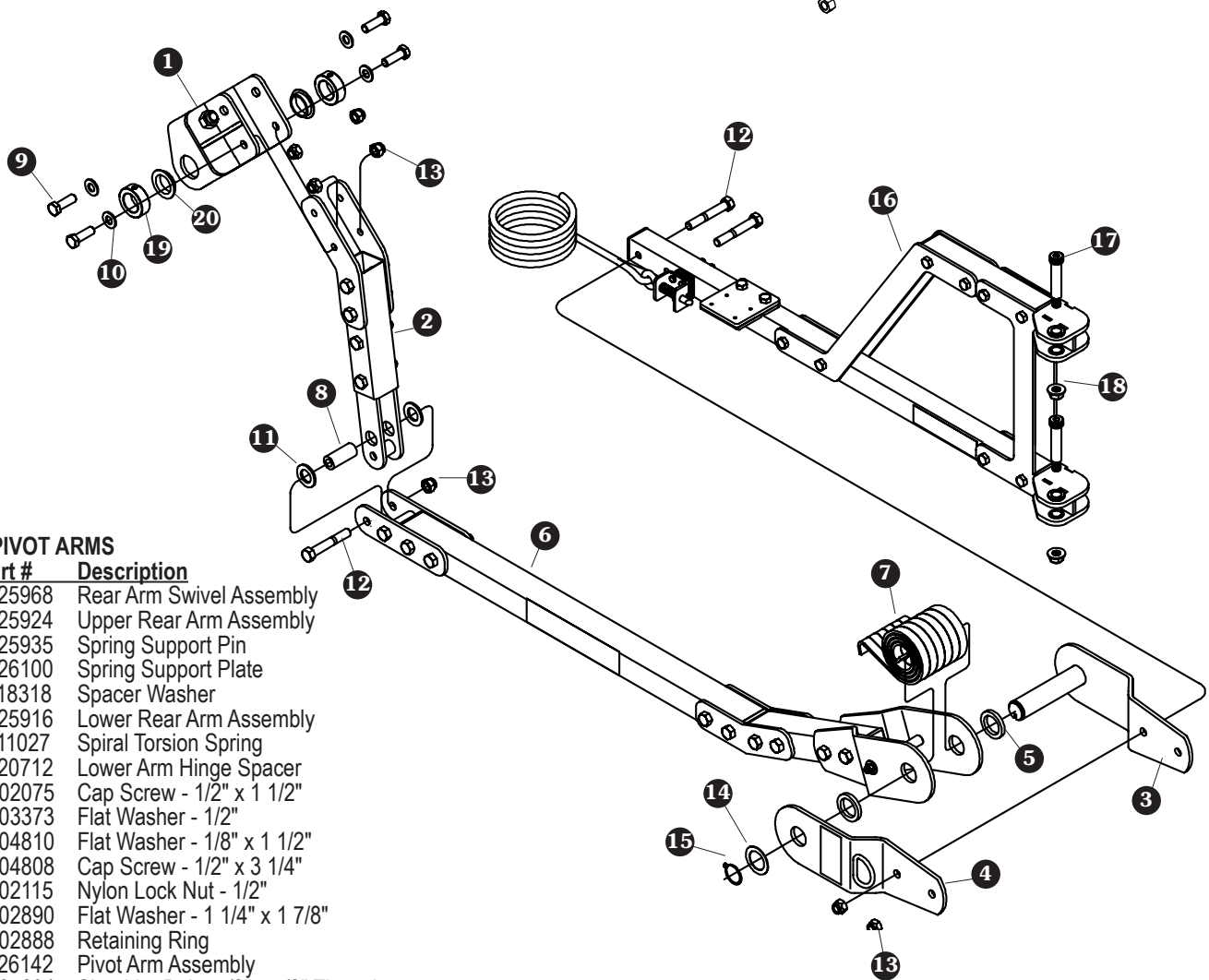
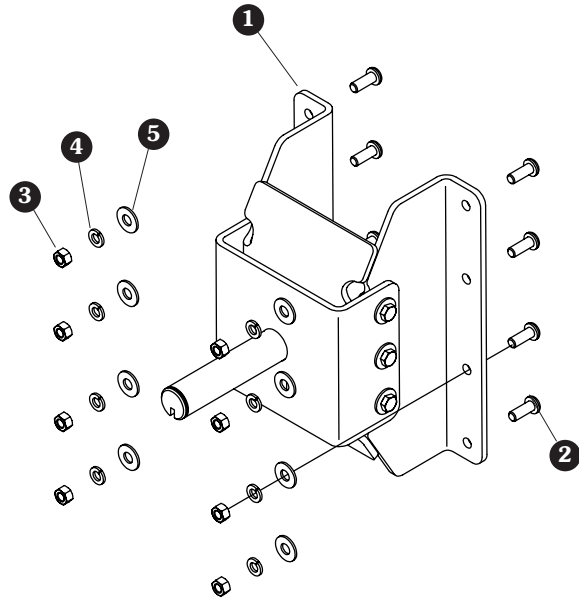
FRONT PIVOT ARMS

Item	Part #	Description
1.	1127575	Motor Mount Assembly TTP
2.	1705696	Lower Arm Tube - 29-7/8"
3.	1705700	Lower Arm Tube - 10-7/16"
4.	1125914	Spring Support Bracket
5.	1125961	Lower Arm Elbow Plate
6.	1125915	Lower Arm Hinge Plate
7.	1120718	Upper Hinge Plate
8.	1127573	Upper Arm Tube Weldment
9.	1126803	Upper Arm Universal Weldment
10.	1126811	Motor Cover
11.	1705994	Decal Tater-Top™ Arm
12.	1706011	Decal Tater-Top™ Motor Cover
13.	1127574	SMARTwire™ - 10'6"
14.	1121998	Encoder Wire - 10'6"
15.	1704798	Connector End
16.	1705749	End Plud w/Slot
17.	1125919	Spacer Tube
18.	1705677	Cap Screw - 5/10" x 5"
19.	1700428	5/8" Flat Washer
20.	1700419	Nylon Nut - 5/16"
21.	1704808	Cap Screw - 1/2" x 3-1/4"
22.	1702115	Nylon Nut - 1/2"
23.	1704810	Bronze Washer
24.	1120712	Lower Arm Hinge Spacer
25.	1704809	Cap Screw - 1/2" x 2-3/4"
26.	1705896	Shoulder Bolt - 1/2" x 3"
27.	1705916	Flange Nylon Nut - 3/8"
28.	1126983	Spring Catch Retaining Washer
29.	1705909	Lock Washer - 3/8"
30.	1705910	Cap Screw - 3/8" x 1-1/2"
31.	1704308	Flanged Cap Screw - #10 x 1/2"
32.	1702108	Wire Clip - 3/4"
33.	1700398	Self-Drilling Screw



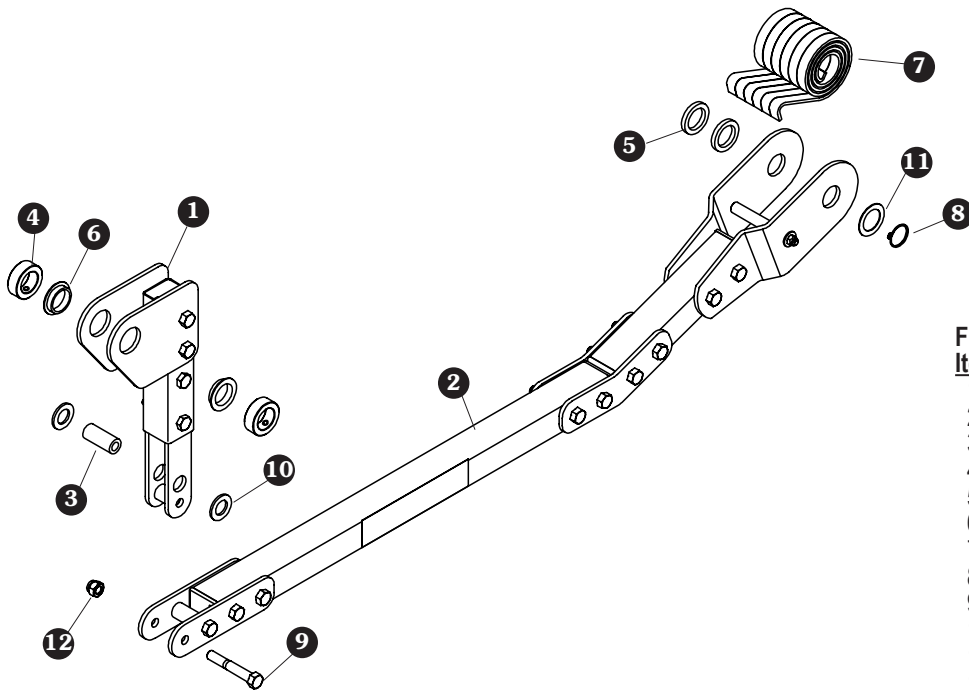
FIXED REAR PIVOT MOUNT BRACKETS

Item	Part #	Description
1.	1126244	Rear Pivot Mount Bracket
2.	1705322	Flanged Button Hd. Screw - 3/8" x 1"
3.	1700407	Hex Nut - 3/8"
4.	1700434	Lock Washer - 3/8"
5.	1700429	Flat Washer - 3/8"



REAR PIVOT ARMS

Item	Part #	Description
1.	1125968	Rear Arm Swivel Assembly
2.	1125924	Upper Rear Arm Assembly
3.	1125935	Spring Support Pin
4.	1126100	Spring Support Plate
5.	1118318	Spacer Washer
6.	1125916	Lower Rear Arm Assembly
7.	1111027	Spiral Torsion Spring
8.	1120712	Lower Arm Hinge Spacer
9.	1702075	Cap Screw - 1/2" x 1 1/2"
10.	1703373	Flat Washer - 1/2"
11.	1704810	Flat Washer - 1/8" x 1 1/2"
12.	1704808	Cap Screw - 1/2" x 3 1/4"
13.	1702115	Nylon Lock Nut - 1/2"
14.	1702890	Flat Washer - 1 1/4" x 1 7/8"
15.	1702888	Retaining Ring
16.	1126142	Pivot Arm Assembly
17.	1705694	Shoulder Bolt - 5/8" x 7/8" Thread
18.	1705695	Flanged Nylon Lock Nut - 5/8"
19.	1704807	Locking Collar - 1 1/4" ID
20.	1704468	Flange Bushing - 1.281" ID

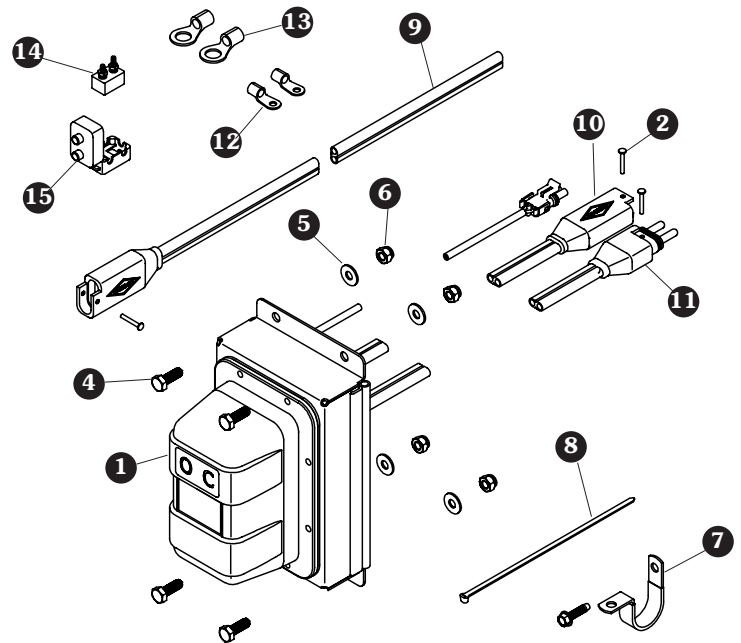


FIXED REAR PIVOT ARMS

Item	Part #	Description
1.	1126272	Upper Rear Arm Assembly
2.	1125916	Lower Rear Arm Assembly
3.	1120712	Lower Arm Hinge Spacer
4.	1704807	Locking Collar - 1 1/4" ID
5.	1118318	Spacer Washer
6.	1704468	Flange Bushing
7.	1111027	Spiral Torsion Spring
8.	1702888	Retaining Ring
9.	1704808	Cap Screw - 1/2" x 3 1/4"
10.	1704810	Flat Washer - 7/8" x 1 1/2"
11.	1702890	Flat Washer - 1 1/4" x 1 7/8"
12.	1702115	Nylon Lock Nut - 1/2"

ELECTRIC COMPONENTS

Item	Part #	Description
1.		Shur-Co® Wireless Receiver - SMARTWire™
2.	1704751	Harness Lock Pin - 1/4" x 7/8"
3.	1704338	Self-Tapping Screw - 1/4" x 1"
4.	1702926	Cap Screw - 5/16" x 7/8"
5.	1700428	Flat Washer - 5/16"
6.	1700419	Lock Nut - 5/16"
7.	1702108	Wire Clip - 3/4"
8.	1703231	Cable Tie - 8"
9.	1704994	SMARTwire™ - 6 Ga. x 40' - Socket/Blunt
10.	1120817	SMARTwire™ - 6 Ga. x 6' 3" - Socket
11.	1704706	SMARTwire™ - 6 Ga. x 2' 4" - Plug
12.	1703245	Ring Terminal - 6 Ga. x #10 Stud
13.	1703244	Ring Terminal - 6 Ga. x 3/8" Stud
14.	1704354	40-Amp Modified-Reset Circuit Breaker
15.	1704411	Circuit Breaker Rubber Boot - Red



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