



4500 Series HD Electric System for Aulick 18" Hinge, Hi-Lift, Live-Bottom Trailers

OWNER'S MANUAL

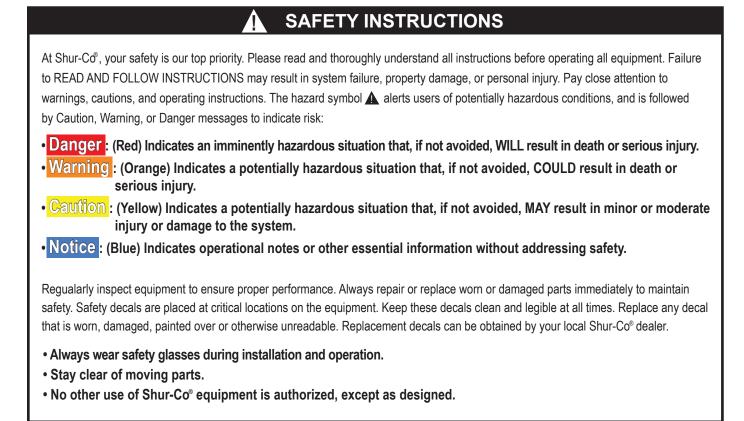


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SERVICE AND DISTRIBUTION CENTERS



Product Guide

MESSAGE TO OWNERS

Thank you for choosing Shur-Co[®] for your tarping system needs. We appreciate your confidence in our products. Please note that while this manual provides comprehensive installation and operation instructions, your trailer may require minor adjustments to these guidelines.

Visit Shurco.com to access the most current version of these instructions and other important product information.

QUESTIONS? CALL OUR HELP LINE:

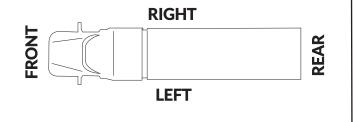
1-866-748-7435

MONDAY-FRIDAY 8 AM-5 PM CENTRAL TIME

MAINTENANCE

- Spray all bearings with penetrating oil as needed.
- Grease spring bearings as needed.
- Brush springs with a steel brush weekly to remove dirt, and spray with penetrating oil.
- Tighten loose bolts.
- Make sure arms are not hitting sides of box. Replace damaged/bent arms.
- Replace worn or broken springs.
- Replace/repair worn or damaged tarps.

VEHICLE ORIENTATION



REQUIRED TOOLS

- 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

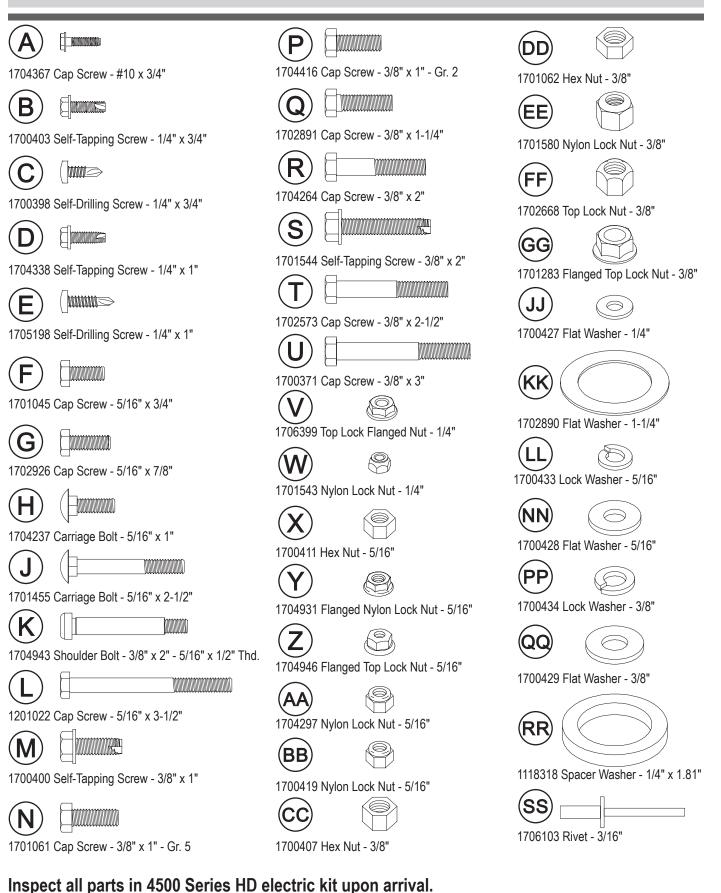
Inspect 4500 Series HD kit upon arrival.

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

PLEASE READ THE COMPLETE MANUAL BEFORE PROCEEDING WITH INSTALLATION OR USE OF THE TARPING SYSTEM.

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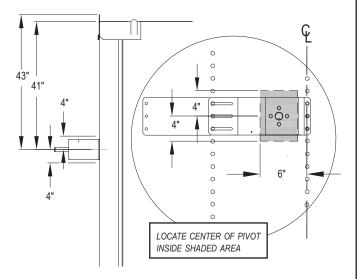
Hardware Identification



TIP: Read entire section before drilling holes.

FRONT OF TRAILER

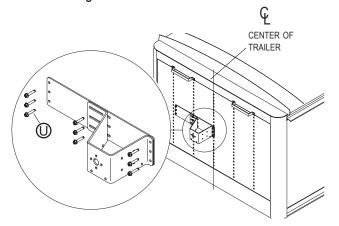
STEP 1: Locate front pivot mount bracket on passenger side of trailer so center of pivot lies within shaded area shown below. Measure 41 inches down from top of cap or 43 inches from top of windshield.



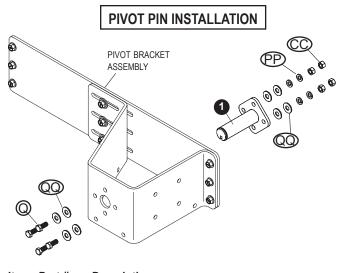
NOTICE: Mount front pivot bracket on front of trailer. Reinforce mounting area with backer plate for adequate support.

Before drilling any holes, make sure flex arm will have clear pathway to operate.

STEP 2: Place pivot mount bracket and backer plate on front of trailer as shown. Using backer plate as guide, mark mounting hole locations.

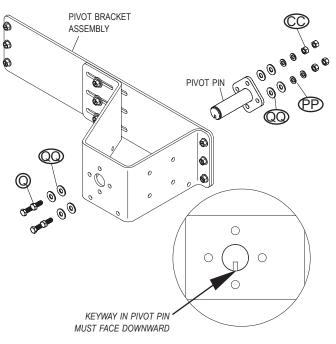


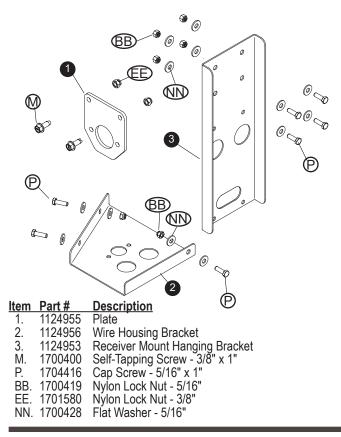
STEP 3: Drill 5/16 inch holes in trailer and fasten with screws (**S**).



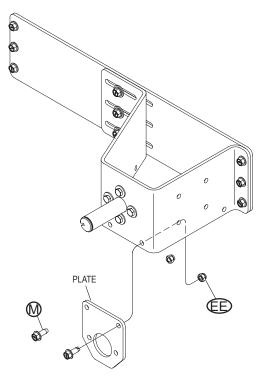
Item	Part #	Description
1.	1116920	Pivot Pin - 4 Spring
Q.	1702891	Cap Screw - 3/8" x 1-1/4"
CC.	1700407	Hex Nut - 3/8"
PP.	1700434	Lock Washer - 3/8"
QQ.	1700429	Flat Washer - 3/8"

STEP 1: Fasten pivot pin to pivot bracket with keyway facing downward as shown.

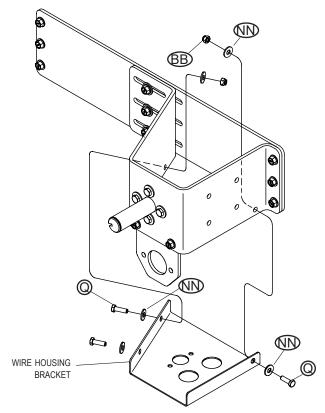




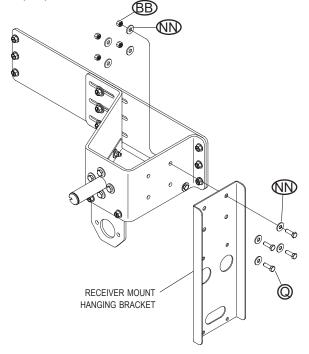
STEP 1: Fasten plate to pivot bracket assembly with screws (**M**) and nuts (**EE**).



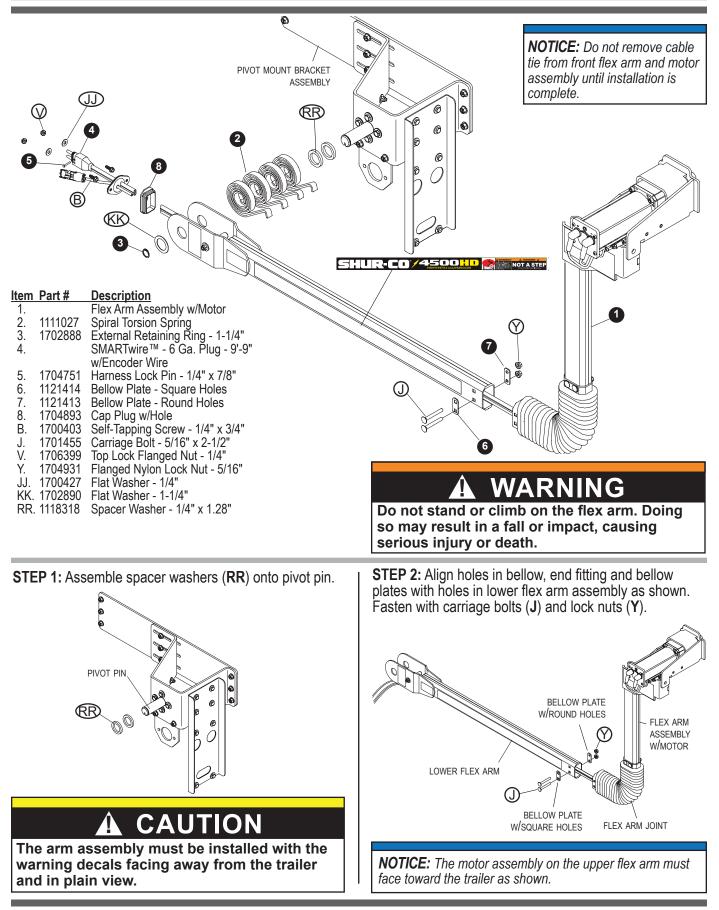
STEP 2: Fasten wire housing bracket to pivot bracket assembly with screws (**Q**), washers (**NN**) and nuts (**BB**).



STEP 3: Fasten receiver mount hanging bracket to pivot bracket assembly with screws (**Q**), washers (**NN**) and nuts (**BB**).



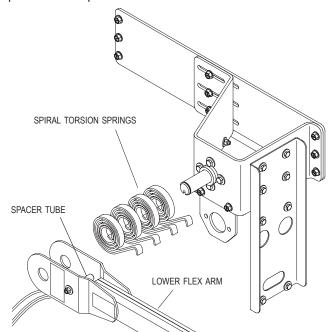
Front Flex Arm & Electric Motor Installation



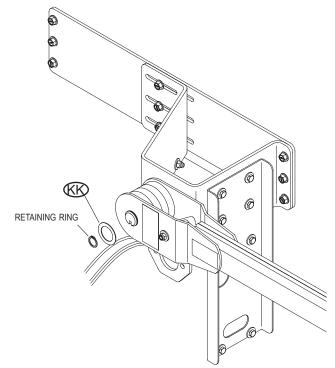
A WARNING

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

STEP 3: Assemble spiral torsion springs and lower flex arm onto pivot pin. Hook springs over 3/8 inch x 3-1/2 inch cap screw and spacer tube on lower flex arm.



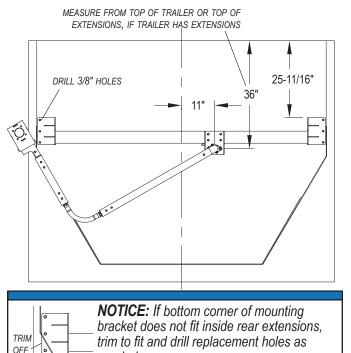
STEP 4: Secure with washer (**KK**) and retaining ring.



WARNING

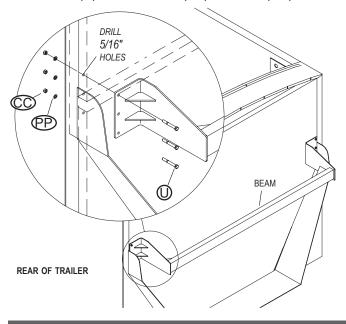
Do not stand or climb on the flex arm. Doing so may result in a fall or impact, causing serious injury or death.

STEP 1: Center beam on rear of trailer, positioning beam so spring pivot shaft is located as shown.

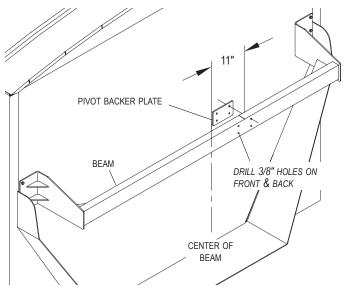


STEP 2: Hold beam in place and use as guide to mark and drill 3/8 inch holes through door frame tubing. Fasten with screws (**U**), lock washers (**PP**) and nuts (**CC**).

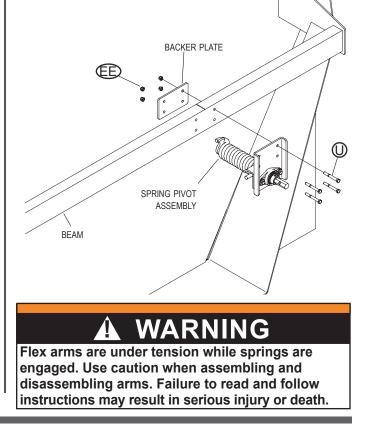
needed.



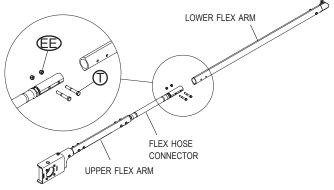
STEP 3: Fasten spring pivot assembly to beam. On front of beam, measure and mark 11 inches from center of beam toward curb side of trailer. Center pivot backer plate on mark and use as guide to locate and drill 3/8 inch holes. Place plate on backside of beam and repeat process, to ensure alignment of holes on backside of beam with holes on front of beam.



STEP 4: Place spring pivot assembly and backer plate on either side of beam as shown and fasten with screws (**U**) and lock nuts (**EE**).

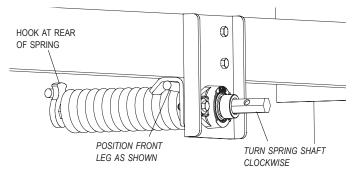


STEP 1: Assemble flex arm. Align flex hose connector on upper flex arm assembly with lower flex arm as shown and slide connector into flex arm. Fasten connector to lower flex arm with screws (T) and lock nuts (**EE**). If flex arm comes pre-assembled, begin with STEP 2.

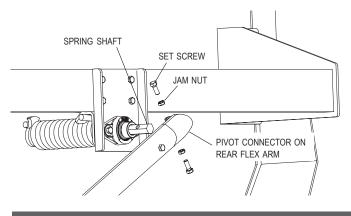


NOTICE: Make sure arm upper arm is oriented as shown with lower arm, otherwise arm can be damaged in operation.

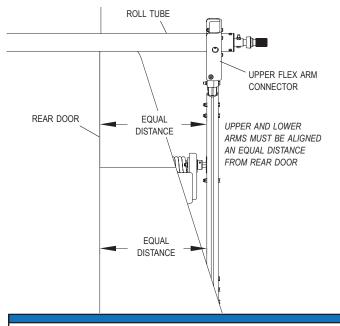
STEP 2: To correctly position spring and spring shaft, make sure front leg of spring is positioned as shown below. Then turn shaft clockwise until shaft catches in hook at rear of spring.



STEP 3: Align rear flex arm with spring shaft as shown below and slide pivot connector onto shaft. Align set screw in pivot connector with hole in shaft and tighten until screw bottoms out in hole. Tighten other set screw, then tighten jam nuts to lock set screws into shaft.



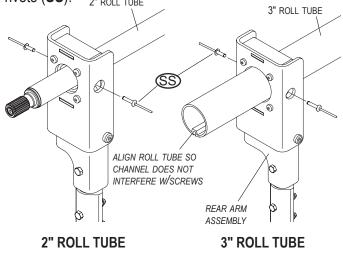
STEP 4: With tarp hanging loosely in closed position, lift flex arm up to roll tube and slide upper flex arm connector onto roll tube. Adjust connector forward or backward to align upper arm with lower arm on vertical plane. To check alignment, measure distance between upper and lower arms and rear door on trailer.



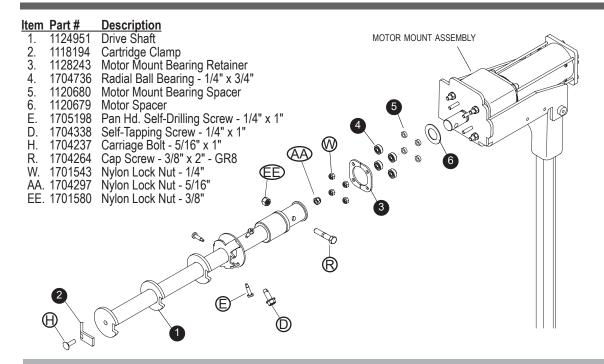
NOTICE: Wait to do this step until after front arm has been connected and both front and rear arms are correctly aligned.

NOTICE: For systems using 3 inch roll tube, wait until after manual crank/spline adapter has been installed.

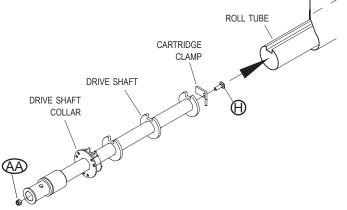
STEP 5: With rear arm correctly aligned, fasten rear arm bearing ring on rear arm assembly to roll tube. Drill 3/16 inch holes and fasten bearing ring to roll tube with rivets (**SS**). 2" ROLL TUBE



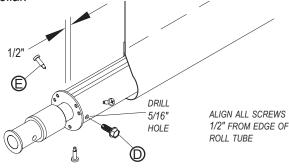
Front Drive Shaft - 3" Roll Tube Option



STEP 1: Loosely fasten cartridge clamp to drive shaft with screw (**H**) and lock nut (**AA**). Insert drive shaft into roll tube. To secure drive shaft to roll tube, tighten nut (**AA**) to 20-ft./lbs.

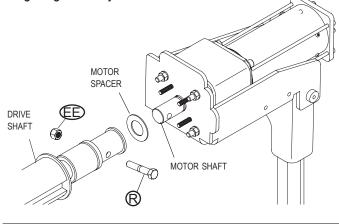


STEP 2: Install three screws (**E**) through roll tube and flats on drive shaft collar. Drill 5/16 inch hole between flats and collar, then fasten screw (**D**) through roll tube and collar.



Avoid pinch points when sliding the roll tube extension over the motor shaft and during tightening. Keep hands and fingers clear of moving parts to prevent injury.

STEP 3: Slide motor spacer over motor shaft. Slide drive shaft over motor shaft. Fasten with screws (**R**) and nuts (**EE**). Finger tighten only.



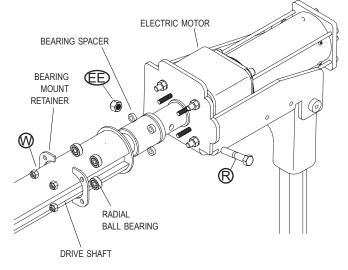
On certain trailers, clearance lights may obstruct the roll tube and could be damaged if caution is not taken. A deflector may need to be installed to prevent the roll tube from damaging the lights.

Do not leave the tarping system unattended until the flex arm is securely fastened to the roll tube extension.

WARNING

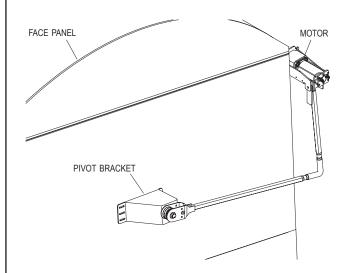
Flex arms are under tension while torsion springs are engaged. Use caution when assembling and disassembling arms. Failure to read and follow instructions may result in serious injury or death.

STEP 4: Fasten drive shaft to electric motor shaft with screw (**R**) and nut (**EE**). Install bearing spacers, radial ball bearings and bearing mount retainer and secure with 1/4 inch lock nuts (**W**).Remove cable tie from front arm/ motor assembly.

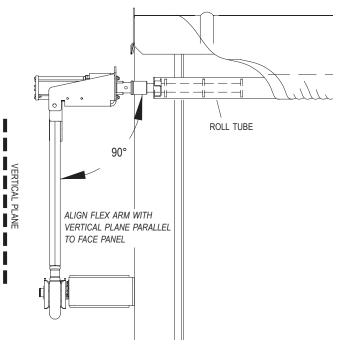


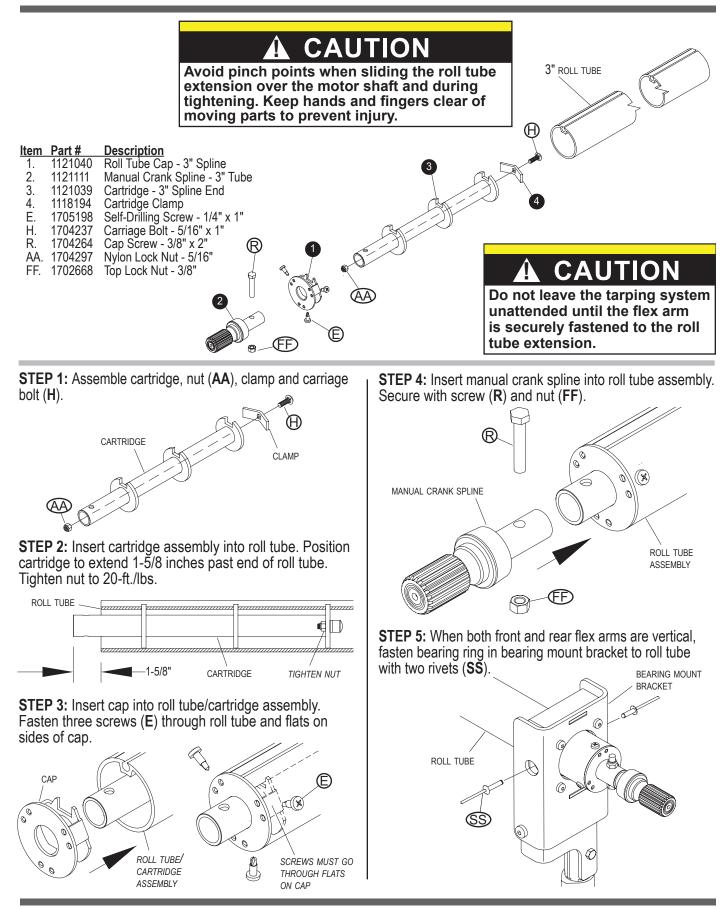
NOTICE: Make sure all fasteners holding the motor to the upper arm bracket are securely tightened.

STEP 5: Position motor as shown below. Make sure torsion springs load when tarp opens.



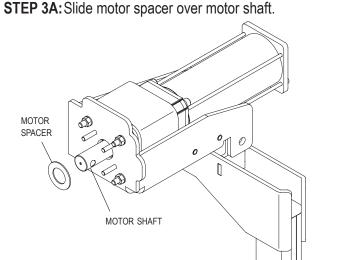
STEP 6: Align flex arm vertically with front of trailer and 90° to roll tube.



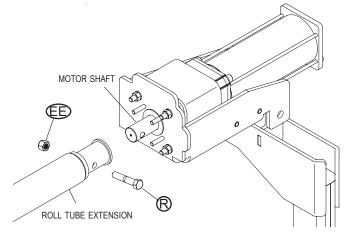


Item Part # Description 1. Flex Arm Assembly w/Motor 2. 1120680 Motor Mount Bearing Spacer 3. 1704736 Radial Ball Bearing - 1/4" x 3/4" 4. 1128243 Motor Mount Bearing Retainer 5. 1120679 Motor Spacer 7. Roll Tube Extension w/Drive Shaft 8. 4500 Series Motor Cover - Black A. 1704367 Hex Flange Cap Screw - #10 x 3/4" R. 1704264 Cap Screw - 3/8" x 2" - Grade 8 W. 1701543 Nylon Lock Nut - 1/4" EE. 1701580 Nylon Lock Nut - 3/8"	
REAR OF TRAILER	FRONT OF TRAILER
STEP 1: Adjust roll tube toward front or rear of trailer so rear flex arm lies on vertical plane parallel to face panel and perpendicular to roll tube extension. Mark roll tube where roll tube extension ends.	STEP 2: Slide tarp back on roll tube.
ALIGN FLEX ARM WITH VERTICAL PLANE PARALLEL TO FACE PANEL 90°	A CAUTION Do not leave the tarping system unattended until the flex arm is securely fastened to the roll tube extension. Avoid pinch points when sliding the roll tube extension over the motor shaft and during tightening. Keep hands and fingers clear of moving parts to prevent injury.

Fasten roll tube extension to motor mount bracket:



STEP 3B: Slide roll tube extension over motor shaft. Fasten with screws (**R**) and lock nuts (**EE**). Finger tighten only.

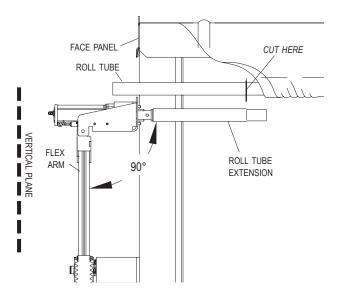


STEP 4: Hold flex arm with motor and roll tube extension in vertical plane to trailer and 90° to roll tube. Mark roll tube at location to be cut.

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

On certain trailers, clearance lights may obstruct the roll tube and could be damaged if caution is not taken. A deflector may need to be installed to prevent the roll tube from damaging the lights.

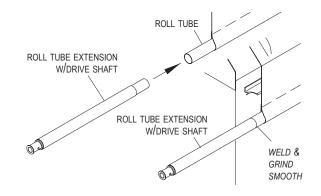


STEP 5: Reverse STEP 3B to unfasten and remove motor from roll tube extension. Remove roll tube extension from roll tube. Cut roll tube at marked location.

STEP 6: Insert swaged end of roll tube extension with drive shaft into roll tube. Align extension straight with roll tube and weld all around. Grind smooth.

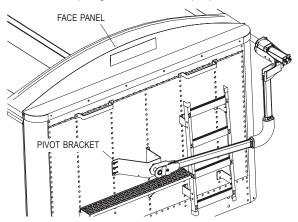
CAUTION

Pull the roll tube away from the tarp and trailer before welding to prevent weld spatter damage. Ensure the roll tube extension is aligned straight with the roll tube before welding to allow the tarp system to roll smoothly.



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

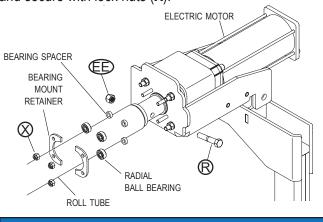
STEP 7: Slide roll tube/roll tube extension weldment back into position and align upper flex arm on front of trailer. Follow STEP 8 to install motor, positioning as shown below. Make sure torsion springs load when tarp opens.



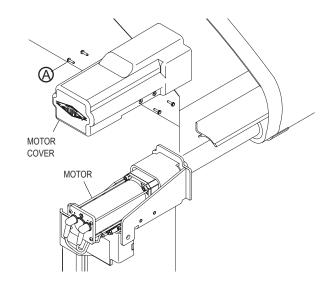
🛦 WARNING

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

STEP 8: Refasten and secure roll tube to electric motor shaft with screw (**R**) and lock nut (**EE**). Install bearing spacers, radial ball bearings and bearing mount retainer and secure with lock nuts (**X**).

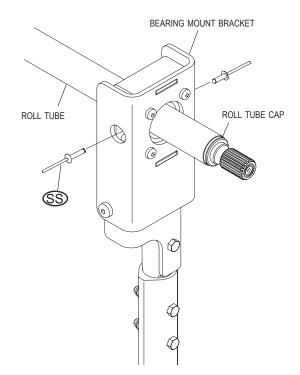


NOTICE: Verify again that the front arm is on a vertical plane and parallel to the face panel before proceeding. Make sure all fasteners holding the motor to the upper arm bracket are securely tightened. STEP 9: Fasten motor cover onto motor with screws (A).



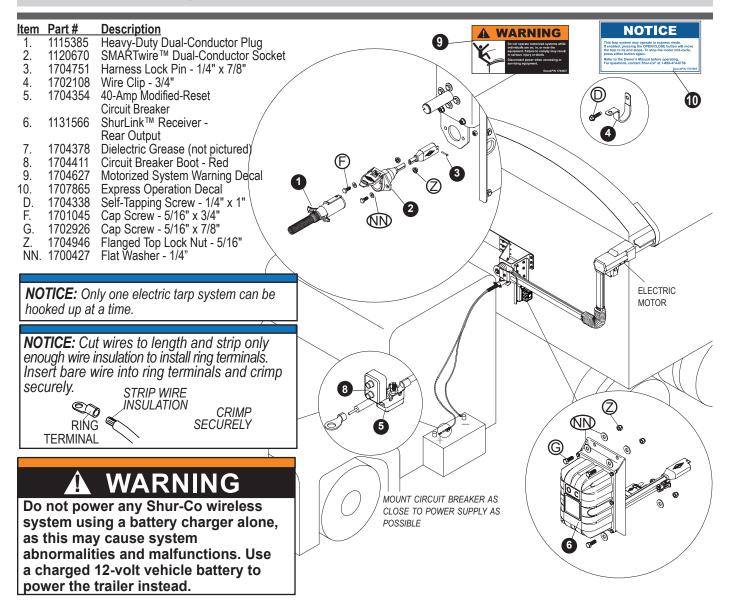
STEP 10: Adjust rear roll tube extension to align flex arm on vertical plane parallel to face panel. Do not drill holes and/or fasten until tarp and roll tube are in desired position.

STEP 11: When both front and rear flex arms are vertical, fasten two rivets (**SS**) into roll tube and roll tube cap.

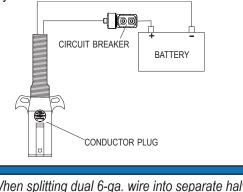


STEP 12: Re-fasten tarp to roll tube with existing U-clamps and screws. Tighten all fasteners securely. Tighten front and rear flex arm connections.

Receiver - Cab Wiring

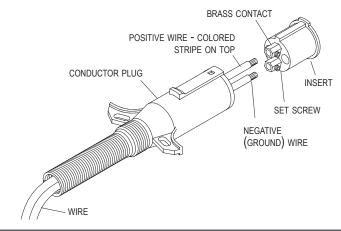


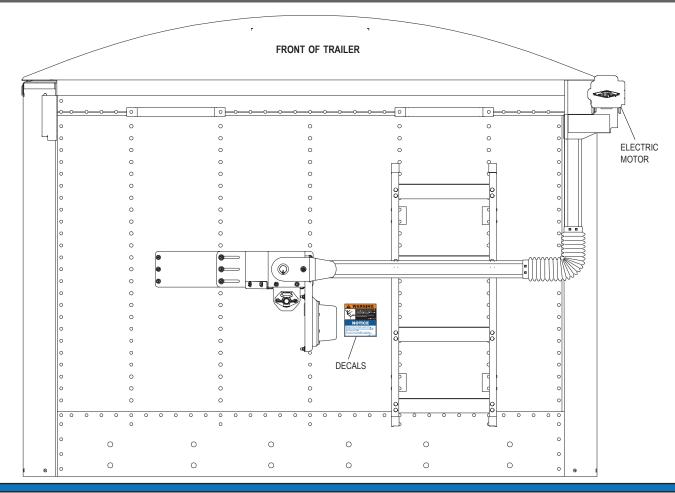
STEP 1: Push circuit breaker boot onto circuit breaker. Mount circuit breaker as close as possible to battery or power supply.



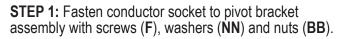
NOTICE: When splitting dual 6-ga. wire into separate halves to make jumper wires, use sharp knife to split webbing in order to prevent insulation from tearing and exposing metal strands.

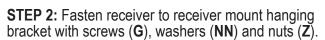
STEP 2: Unfasten and remove insert from conductor plug. Feed 6-ga. wire through plug and into brass contacts on insert. Tighten set screws to secure wires. Replace insert into conductor plug and secure screw.

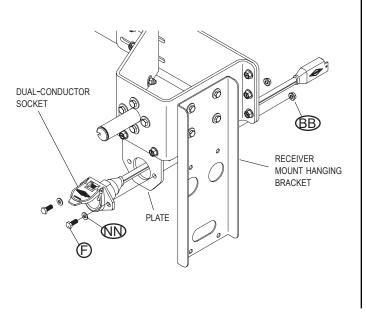


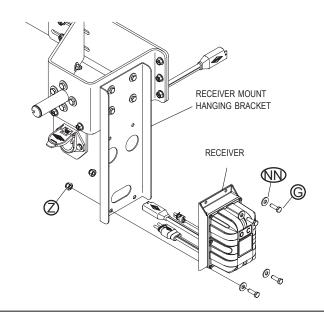


NOTICE: Wire lengths are predetermined. Before installing SMARTwire components, review and confirm wire routing so wires reach components with ample room for connection.





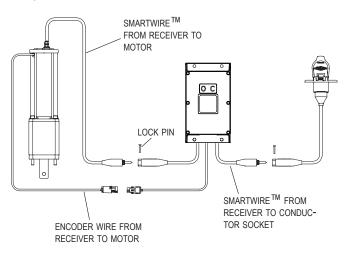




- Do not cut molded SMARTwire[™] ends. Molded SMARTwire ends are designed with sealed connections to prevent corrosion; cutting the wire may lead to operational problems.
- Only the loose (unmolded) wire end may be cut.
- Bind excess wire with cable ties to prevent loose wire entanglement.

NOTICE: Coat all connections, including the conductor plug terminals, with dielectric grease to prevent corrosion.

STEP 1: Connect SMARTwire[™] from receiver to SMARTwire[™] from electric motor. Coat each connection with dielectric grease and secure connections with lock pins.



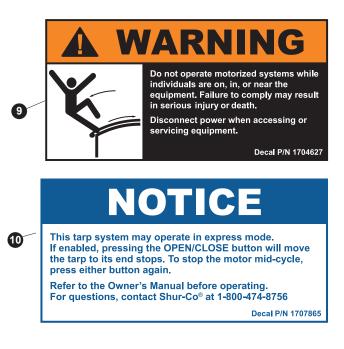
STEP 2: Connect SMARTwire[™] from receiver to SMARTwire[™] from conductor socket. Coat connection with dielectric grease and secure with lock pin.

STEP 3: Connect encoder wire from receiver to encoder wire from motor. Secure wires to trailer with wire clips and screws. If needed, secure with cable ties.

CAUTION

Ensure all hardware is secure before operating the system. Inspect the complete system at this time and make adjustments as required. **STEP 4:** Identify a clean, dry surface area near the receiver. Remove the backing from the warning decal (9) and notice decal (10). Apply them to the identified surface. Regularly inspect all safety decals for wear and adherence, and replace if necessary.

APPLY DECALS



EXPRESS MODE

• Express Mode: The tarp system automatically enters Express Mode when operated using the buttons on the trailer-mounted receiver box or through the Shurlink[™] remote system. In this mode, pressing the O (open) or C (close) button initiates an express operation to open or close the tarp. This operation will continue until either button is pressed again to stop, or it will automatically conclude once the tarp reaches the end of its travel.

TEST OPERATION

- a) Check the motor direction by pressing either the Open or Close button on the receiver.
- b) If the button is released and operation continues, the system is in *Express Mode*. To stop operation, press button again.

tion

CHANGE MOTOR DIRECTION

If the open/close buttons are running the system backwards, download the app to change motor direction.

Follow QR code for Shurlink™ App Product Support



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

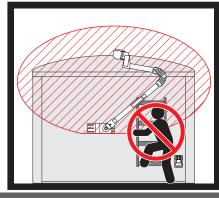
\Lambda WARNING

Do not operated motorized systems while individuals are on, in, or near the equipment. Failure to comply may result in serious injury or death. Disconnect power when accessing or servicing equipment.



WARNING

Do not stand or climb on the flex arm. Doing so may result in a fall or impact, causing serious injury or death.



AWARNING

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.

Perform following steps to change 4500 Series HD electric system to manual crank operation:

WARNING

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

NOTICE: Store the hand crank arm in the truck or mount it to the trailer. (Example - above kingpin, near the apex.)

STEP 1: DISCONNECT POWER

Disconnect power from the front of the trailer.

STEP 2: REMOVE END CAP

On the rear end of the trailer, remove the protective cap from the roll tube.

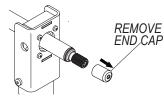
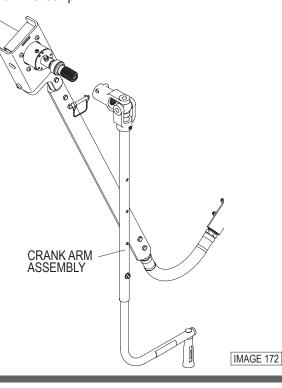


IMAGE 171

STEP 3: ATTACH HAND CRANK

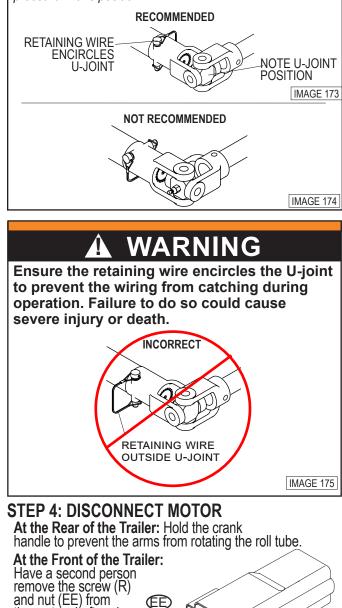
Place splined U-joint onto splined shaft. Secure with wire lock pin.



WARNING

Do not open or close the tarp unless the U-joint is securely fastened to the splined shaft with the wire lock pin. Failure to do so could result in severe injury or death.

NOTICE: The U-joint is designed to operate as shown in Image 173 and is able to withstand considerably more pressure in this position.



ROLL TURE

EXTENSION

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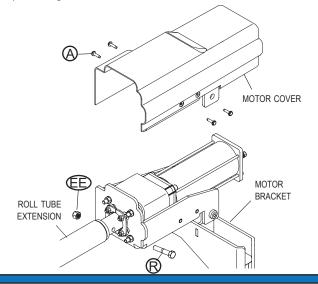
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the motor shaft and roll tube extension.

REMOVE EXISTING MOTOR

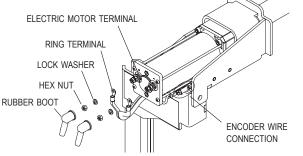
STEP 1: Close tarp, letting roll tube hang loose under latchplate.

STEP 2: Disconnect electric power to trailer. Unfasten and remove motor cover. Unfasten screw (**R**) and lock nut (**EE**) holding motor shaft to roll tube extension.

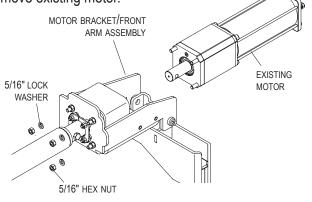


NOTICE: Leave roll tube fastened to motor bracket.

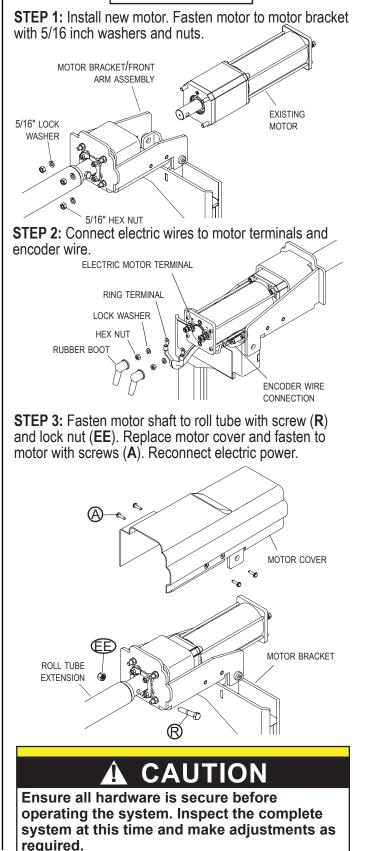
STEP 3: Disconnect electric wires from motor terminals and encoder wire.



STEP 4: Unfasten and remove only 5/16 inch lock washers and hex nuts holding motor to motor bracket/front arm assembly, leaving motor mount bearing retainers in place. Remove existing motor.



INSTALL NEW MOTOR

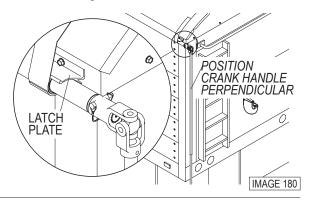


OPERATING INSTRUCTIONS

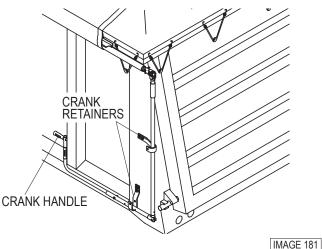
Use the crank arm assembly mounted at the rear of the trailer to manually open and close the tarp system until electrical system issues can be resolved. See the Shur-Lok[®] owner's manual for proper safety procedures at www.shurco.com.

STEP 1:

Hold the crank firmly with both hands and roll the tarp closed under the latchplate. Bring the crank handle down perpendicular to the ground.



STEP 2: Tighten the tarp by pushing the crank handle up into the crănk retainers.



STEP 3:

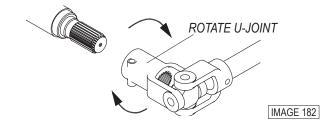
Check the tarp tension. It should take 40 to 60 pounds of pressure to force the crank handle into the crank retainer. The crank extension will bend 1/8 inch.

NG

Do not open or close the tarp unless the U-joint is securely fastened to the splined shaft with the wire lock pin. Failure to do so could result in severe injury or death.

STEP 4:

If required, adjust the tension by removing the U-joint from the splined shaft, rotating the U-joint tooth, and replacing it on the splined shaft.

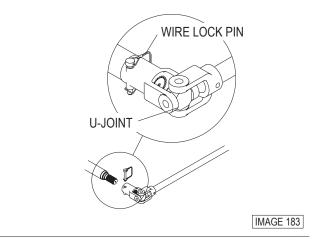


STEP 5:

Repeat Step 3 and Step 4 until the correct tension is achieved.

STEP 6:

Secure the U-joint to the splined shaft with the wire lock pin.



To uncover load:

- 1. Release the crank from the crank retainer.
- 2. Turn the crank clockwise (counter-clockwise for reverse roll) until the tarp has rolled up against the tarp stops.
- 3. Place the crank back into the crank retainer.

To cover load:

- 1. Release the crank from the crank retainer.
- 2. Turn the crank counter-clockwise (clockwise for reverse roll) until the tarp is unrolled over the edge of the trailer.
- 3. Continue cranking to roll the tarp up under the latchplate.
- 4. Bring the crank arm down to a vertical position.
- 5. Swing the crank arm up and place it into the crank retainer.

Decals

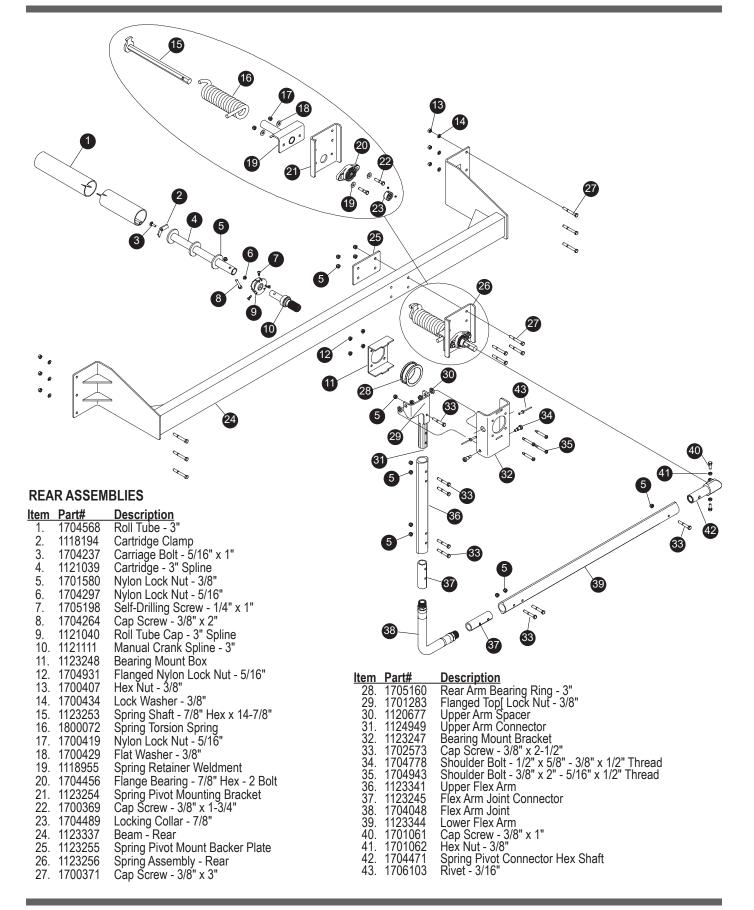
Item Part #Description1.1703897Flex Arm Tension Warning Decal2.1704627Motorized System Warning Decal3.1707862Flex Arm Step Warning Decal4.1707865Express Operation Decal	2 A WARNING Do not operate motorized systems while
1 WARNING FLEX ARM UNDER SPRING TENSION	individuals are on, in, or near the equipment. Failure to comply may result in serious injury or death. Disconnect power when accessing or servicing equipment. Decal P/N 1704627
Read manual thoroughly before assembling or disassembling flex arm. Failure to do so may result in serious injury or death. Find Owner's Manual at: www.shurco.com Decal P/N 1703897	3 A A A A A A A B A A A A A A A A A A
AWARNIN Stay clear of the roll tarp and arm	

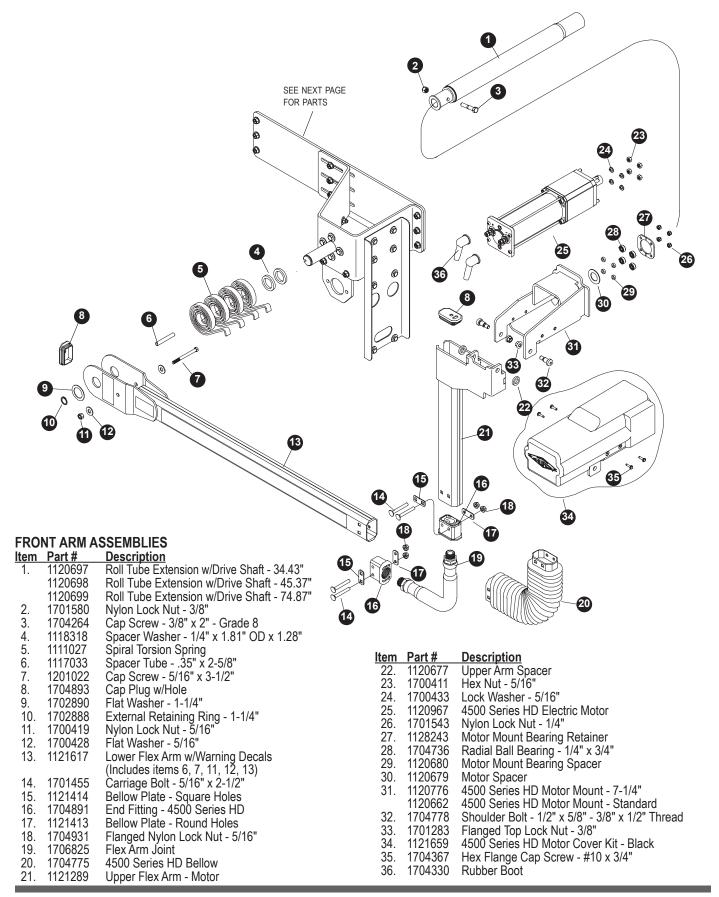


Stay clear of the roll tarp and arm(s) sweep area, from front-to-back, during operation. Failure to do so may result in a fall/impact causing serious injury or death. For repair/service of equipment, reference manual for proper safety precautions before proceeding.

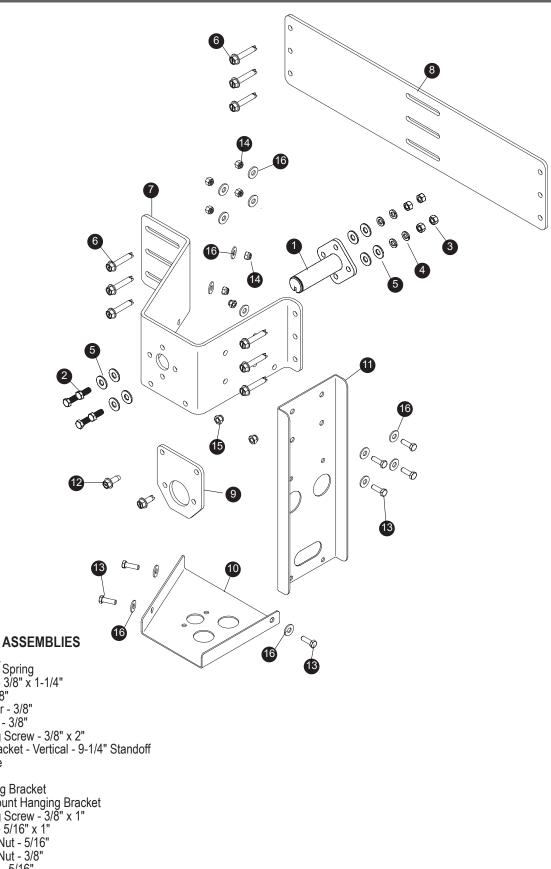
See Owner's Manual For Additional Information.

Decal P/N 1707862





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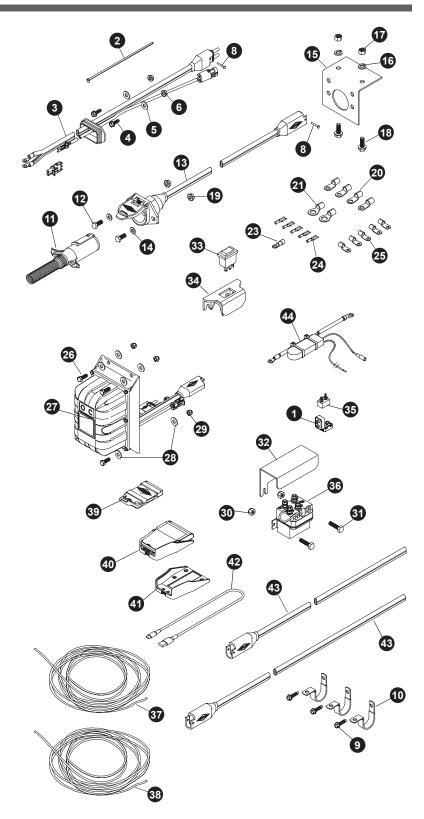
FRONT PIVOT BRACKET ASSEMBLIES Item Part # Description

ILEIII	Fait #	Description
1.	1116920	Pivot Pin - 4 Spring
2.	1702891	Cap Screw - 3/8" x 1-1/4"
3.	1700407	Hex Nut - 3/8"
4.	1700434	Lock Washer - 3/8"
5.	1700429	Flat Washer - 3/8"
6.	1701544	Self-Tapping Screw - 3/8" x 2"
7.	1124954	Pivot Mt. Bracket - Vertical - 9-1
8.	1124952	Backer Plate
9.	1124955	Plate
10.	1124956	Wire Housing Bracket
11.	1124953	Receiver Mount Hanging Brack
12.	1700400	Self-Tapping Screw - 3/8" x 1"
13.	1704416	Cap Screw - 5/16" x 1"
14.	1700419	Nylon Lock Nut - 5/16"
15.	1701580	Nylon Lock Nut - 3/8"

16. 1700428 Flat Washer - 5/16"

ELECTRIC COMPONENTS

ELECTRIC COMPONENTS			
ltem	Part #	Description	
	1116473	Cab Wiring Kit - Rocker Switch	
	1119643	Cab Wiring Kit - Remote - 30'	
	1116930	Trailer Wiring Kit - Rocker Switch	
	1118368	Electric Parts Kit w/Rocker Switch -	
	1110000	40-Amp Mod.	
	1119366	Junction Box Kit - Unassembled 6 Hole	
1.	1704411	Circuit Breaker Boot - Red	
2	1703231	Cable Tie - 8"	
2. 3.	1120816	SMARTwire M 6 Ca Plug 0' 0"	
J.	1121415	SMARTwire™ - 6 Ga Plug - 9'-9" SMARTwire™ - 6 Ga Plug - 9'-9"	
	1121413	w/Encoder Wire	
4.	1700403	Self-Tapping Screw - 1/4" x 3/4"	
4. 5.	1700403	Flat Washer - 1/4"	
	1706399	Tan Look Elanged Nut 1/4"	
6. 8.	1700399	Top Lock Flanged Nut - 1/4" Harness Lock Pin - 1/4" x 7/8"	
0. 9.		Self-Tapping Screw - 1/4" x 1"	
9. 10.	1704338	Wire Clip 2/4"	
10.	1702108	Wire Clip - 3/4"	
11.	1115385	Heavy-Duty Dual-Conductor Plug	
12.	1701045	Cap Screw - 5/16" x 3/4"	
13.	1120670	SMARTwire™ Dual-Conductor Socket	
14.	1700427	Flat Washer - 1/4"	
15.	1109015	Mounting Bracket	
16.	1700434	Lock Washer - 3/8"	
17.	1700407	Hex Nut - 3/8"	
18.	1700400	Self-Tapping Screw - 3/8" x 1"	
19.		Flanged Top Lock Nut - 5/16"	
20.	1703245	Ring Terminal - 6 Ga. x #10 Stud -	
04	1702044	Motor/Breaker	
21.	1703244	Ring Terminal - 6 Ga. x 3/8" Stud -	
00	1701152	Battery	
23.	1704153	Ring Terminal - 14 Ga. x 1/4" Stud -	
04	1702650	Solenoid	
24.	1703659	Push-On Terminal - 14 Ga. x 1/4" -	
05	1700707	Switch/Solenoid	
25.	1702707	Ring Terminal - 6 Ga. x 1/4" Stud -	
00	1700000	Motor/Solenoid	
26.	1702926	Cap Screw - 5/16" x 7/8"	
27.	1131566	ShurLink™ Receiver - Rear Output	
28.	1700428	Flat Washer - 5/16"	
29.	1700419	Lock Nut - 5/16"	
30.	1808844	Nylon Lock Nut - #10	
31. 32.	1704905	Hex Flanged Cap Screw - #10	
<u>ఎ</u> ∠.	1703896	Solenoid Cover	
33.	1116020	Rocker Switch	
34.	1703661	Rocker Switch Mounting Bracket	
35.	1704354	40-Amp Modified-Reset Circuit Breaker	
36.	1703845	Motor-Reversing Solenoid	
37.	1703822	Dual-Conductor Wire -	
20	1110100	6 Ga 259 Strand	
38.	1116482	Electrical Wire - 14 Ga. 3 Lead - 15'	
39.	1131576	5-Channel ShurLink EZR™ Remote	
40.	1131575	ShurLink PRO™ Remote w/Cradle &	
	4700000	Charging Cable	
41.	1706836	USB Charging Cradle Type A to C	
42.	1706751	ShurLink PRO™ Replacement Cable	
43.	1704998	SMARTwire™ - 6 Ga. x 65' - Socket	
43.	1704989	SMARTwire™ - 4 Ga. x 90' - Socket	
44.	1705624	SMART™ Circuit Breaker - 50-Amp	



2" ROLL TUBE EXTENSIONS

ltem	Part #	<u>Description</u>	
1.	1704237	Carriage Bolt - 5/16" x 1" MOTOR MOUNT	\bigcirc
2.		Cartridge Clamp ASSEMBLY	
3.		Drive Shaft	
4.		Pan Hd. Self-Drilling Screw - 1/4" x 1"	
5.		Self-Tapping Screw - 3/8" x 1"	
6.	1701580	Nylon Lock Nut - 3/8"	
7.		Nylon Lock Nut - 5/16"	
8.		Cap Screw - 3/8" x 2" - Grade 8	γ
9.	1701543	Nylon Lock Nut - 1/4"	
	1128243	Motor Mount Bearing Retainer 🛛 🖉 🖉 🔊 🔊	
11.	1704736		
12.	1120680	Motor Mount Bearing Spacer	
13.	1120679	Motor Spacer	
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