



**5000X Arm System
for Belly Dumps, End Dumps, Dump Bodies & Pups**

OWNER'S MANUAL

5000XDD, 5000XCD, 5000XEL

PHONE: 1.800.327.8287 | FAX: 1.772.287.0431
3353 GRAN PARK WAY | STUART, FLORIDA 34997
SHURCO.com



**SAFETY INSTRUCTIONS**

At Shurco, your safety is our top priority. Please read and thoroughly understand all instructions before operating all equipment. Failure to READ AND FOLLOW INSTRUCTIONS may result in system failure, property damage, or personal injury. Pay close attention to warnings, cautions, and operating instructions. The hazard symbol  alerts users of potentially hazardous conditions, and is followed by Caution, Warning, or Danger messages to indicate risk:

- **Danger** : (Red) Indicates an imminently hazardous situation that, if not avoided, **WILL** result in death or serious injury.
- **Warning** : (Orange) Indicates a potentially hazardous situation that, if not avoided, **COULD** result in death or serious injury.
- **Caution** : (Yellow) Indicates a potentially hazardous situation that, if not avoided, **MAY** result in minor or moderate injury or damage to the system.
- **Notice** : (Blue) Indicates operational notes or other essential information without addressing safety.

Regularly inspect equipment to ensure proper performance. Always repair or replace worn or damaged parts immediately to maintain safety. Safety decals are placed at critical locations on the equipment. Keep these decals clean and legible at all times. Replace any decal that is worn, damaged, painted over or otherwise unreadable. Replacement decals can be obtained by your local Shurco dealer.

- Always wear safety glasses during installation and operation.
- Stay clear of moving parts.
- No other use of Shurco equipment is authorized, except as designed.

SHUR-CO, LLC TERMS OF SERVICE**ORDER
TERMS AND CONDITIONS****WARRANTY****PATENTS****SERVICE AND DISTRIBUTION CENTERS**

SHURCO.com

LOCATIONS

MESSAGE TO OWNERS

Thank you for choosing Shurco 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.

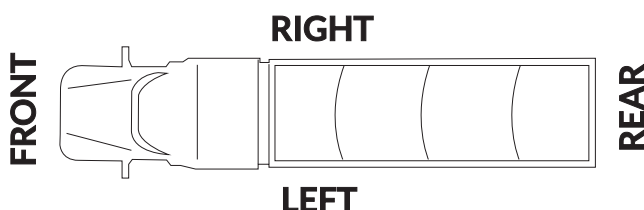
Visit Shurco.com to access the most current version of these instructions and other important product information.

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 steel brush weekly to remove dirt and spray with penetrating oil.
- Tighten any 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.
- To prevent rust, paint all exposed metal, such as weld seams and/or metal exposed by grinding or cutting, with corrosion-resistant paint.

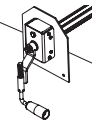
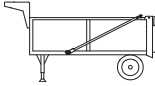
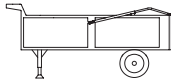
VEHICLE ORIENTATION

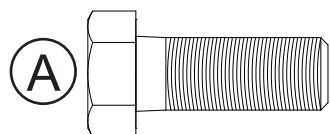


REQUIRED TOOLS

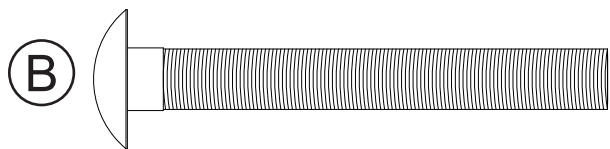
1. Wrenches: 7/16", 1/2", 9/16", 3/4"
2. Ratcheting Socket Wrench
3. Sockets: 7/16", 1/2", 9/16", 3/4"
4. Allen Wrenches: 3/16"
5. Drill Bits (metal cutting): 1/4", 5/16", 3/8", 1/2"
6. Center Punch
7. Hammer
8. Tape Measure (2)
9. Nut Driver: 5/16"
10. Drill
11. Grinder
12. Air or Electric Impact Wrench
13. Metal Saw
14. Retaining Ring Pliers
15. Hole Saw: 1"
16. Pliers
17. Screwdriver: Philips or Standard

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

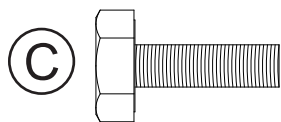
Terms & Conditions.....	2
Product Guide.....	3
Table of Contents.....	4
Hardware Identification.....	5
Installation Instructions	
STEP 1: Install a Drive	
• 5000XCD 	Chain Drive 6
• 5000XDD 	Direct Drive 12
• 5000XEL 	Electric Motor.....16
STEP 2: Install a Pivot Arm	
• 	Low Mount Pivot.....20
• 	High Mount Pivot 22
STEP 3: Install the Arm & the Tarp.....24	
Options	
Rotary Switch Kit (Electric Motor Option).....	26
Rocker Switch Kit (Electric Motor Option).....	28
Dual Pole Conductor Plug (Electric Motor Option).....	32
Spring Trap II Hold Down Kit.....	34
Wind Deflector Kit, Arm Rest Kits.....	35
Replacement Parts.....	36



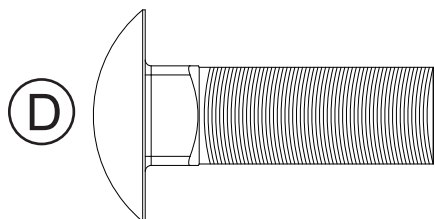
1800795 Hex Bolt - 3/8" x 1"



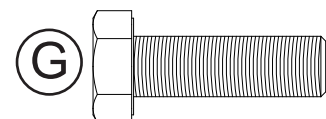
1801187 Carriage Bolt - 5/16" x 2-1/2"



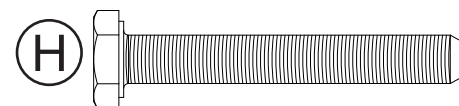
1804907 Hex Bolt - 5/16" x 3/4"



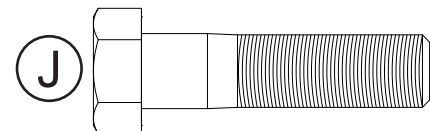
1800356 Carriage Bolt - 1/2" x 1-1/2"



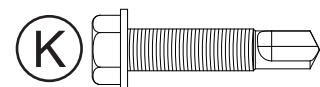
1800998 Bolt - 5/16" x 1"



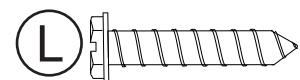
1705983 Cap Screw - 1/4" x 1-3/4"



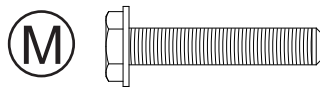
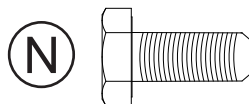
1800790 Cap Screw - 3/8" x 1-1/2"



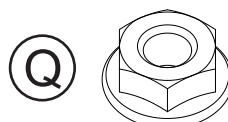
1701471 Self-Drilling Screw - #12 x 1"



1800802 Sheet Metal Screw - #10 x 1"

1704905 Hex Flange Cap Screw
- #10 x 1"

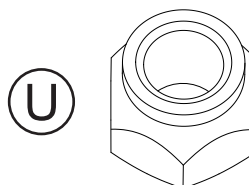
1800771 Bolt - 1/4" X 5/8"

1704946 Top Lock Flange Nut
- 5/16"

1800990 Lock Nut - 5/16"



1800993 Lock Nut - 3/8"



1800995 Lock Nut - 1/2"



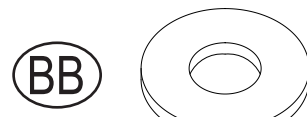
1800699 Hex Lock Nut - 1/4"



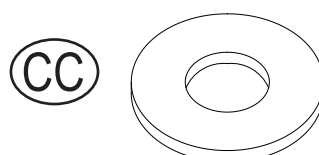
1808844 Nylon Lock Nut - #10



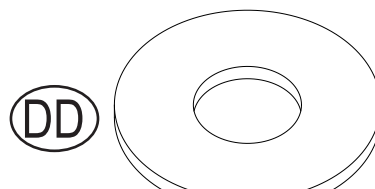
1800784 Flat Washer - 1/4"



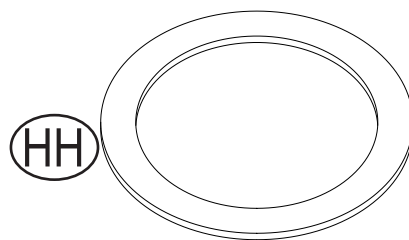
1800989 Flat Washer - 5/16"



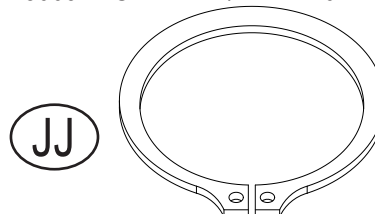
1800994 Flat Washer - 3/8"



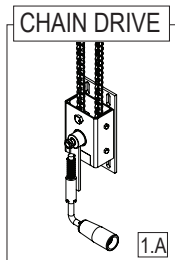
1800996 Flat Washer - 1/2"



1800977 Shim - 1-1/4" ID x .047



1800978 Ring Retaining - 1-1/4"



Item	Part #	Description
1.	1809563	Powder-Coated Universal Bearing Plate
2.	1809330	Tarp Spool Axle - 3 Way Attachment - 98"
3.	1800980	Shaft Extension - 3/4" x 4"
4.	1800089	Shaft Collar - 3/4"
5.	1120376	Sprocket - Left Side
6.	1800042	Bearing - 3/4"
7.	1809564	Powder-Coated Bearing Plate Assembly

Item	Part #	Description
A.	1800795	Hex Bolt - 3/8" x 1"
B.	1801187	Carriage Bolt - 5/16" x 2-1/2"
S.	1800990	Lock Nut - 5/16"
T.	1800993	Lock Nut - 3/8"
BB.	1800989	Flat Washer - 5/16"
CC.	1800994	Flat Washer - 3/8"

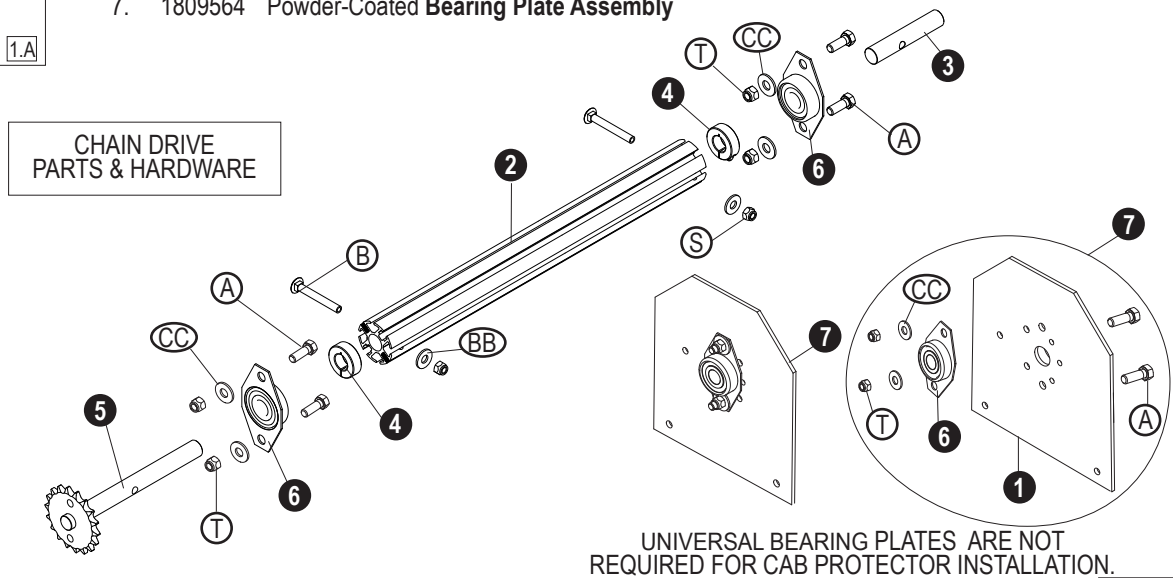


IMAGE 1.0

Chain Drive - Cab Protector Installation

For side plate installation of the chain drive, please see page 8.

STEP 1: IDENTIFY MOUNTING LOCATION

Before drilling into the cab protector, ensure the chosen location for the mounted axle:

- Allows the tarp system's spring-loaded arms to operate without obstructing cab doors, exhaust stacks or the loading process.
- Provides adequate clearance space for the tarp to roll up around the axle.

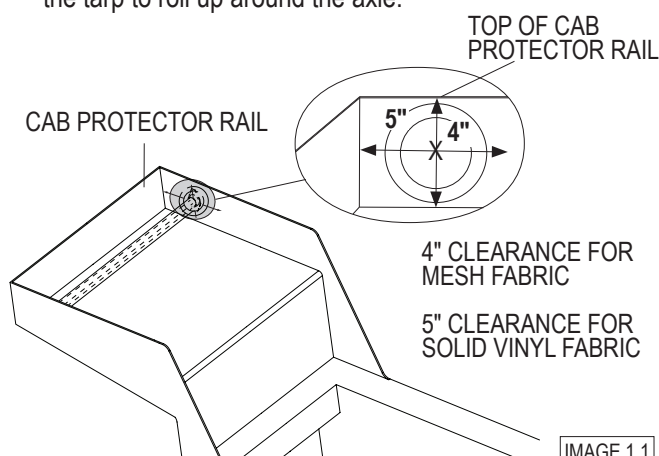


IMAGE 1.1

NOTE: If the required clearance of a fabric-wrapped axle cannot be met, see page 8 for side plate installation.

STEP 2: MARK BEARING LOCATIONS

- On each side of the cab protector, measure down 2 inches from the top of the rail and mark the mounting locations for the center of the bearings.
- Ensure proper alignment of the marked holes with each other.

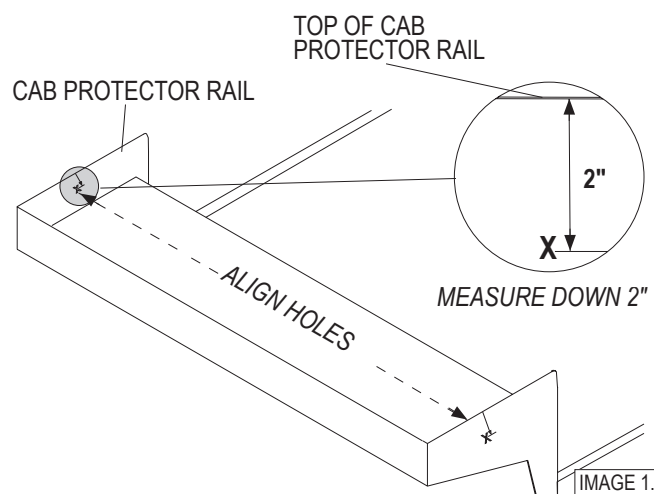


IMAGE 1.2

NOTE: The left and right bearings must be mounted directly across from each other, in line, on opposite sides of the cab protector rail.

NOTE: Disassemble both bearing plate assemblies (7). The bearing plates (1) are not required for cab protector installation.

STEP 3: PREPARE RIGHT SIDE CAB RAIL

- Use a 1-inch hole saw at the marked location, as shown in Image 1.3.
- Use the bearing (6) as a guide and drill two 11/32-inch holes.

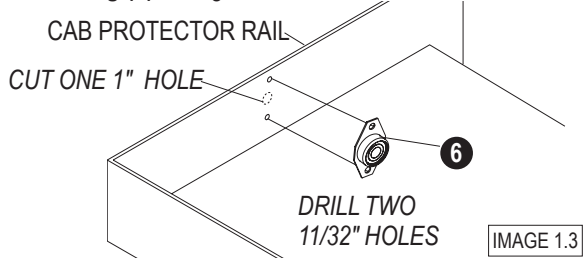


IMAGE 1.3

STEP 4: PREPARE LEFT SIDE CAB RAIL

Cut/drill the hole patterns described in Step 3 in the left side of the cab protector.

STEP 5: MEASURE & CUT AXLE

- Measure the inside distance between the two sides of the cab protector, labeled as X in Image 1.5.
- Subtract 2-7/8 inches from X.
- Before cutting, verify one end of the axle has a pre-drilled hole. Ensure not to cut this end.
- Cut straight, through the axle (2).
- Deburr the cut end.

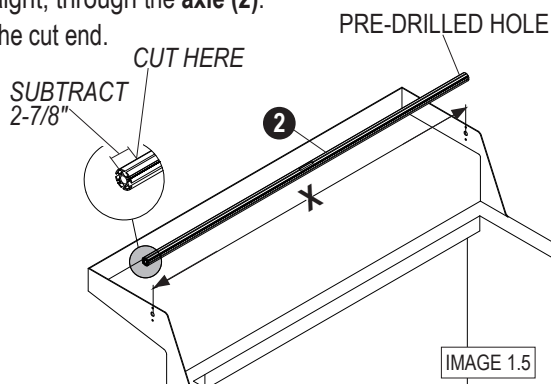


IMAGE 1.5

STEP 6: DRILL AXLE HOLE

- Measure inward 5/8 inch from the cut end of the axle (2).
- Align the axle as shown in Image 1.6
- Drill a 5/16-inch hole.

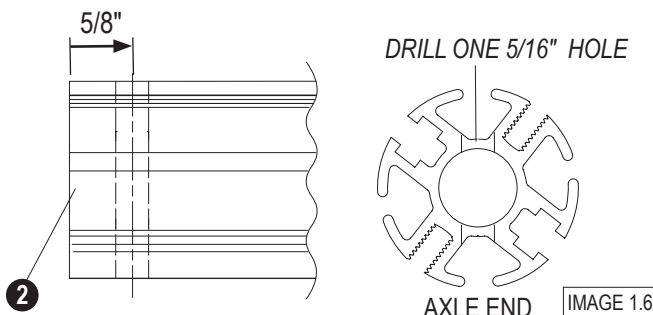


IMAGE 1.6

STEP 7: MOUNT RIGHT AXLE

- Loosely assemble the bearing (6) to the cab protector rail using 1" bolts (A), 3/8" washers (CC) and 3/8" nuts (T).
- Insert the shaft extension (3) through the right side of the cab protector, bearing, collar (4), and into the axle (2).
- Fasten the shaft extension to the axle using a 2-1/2" bolt (B), 5/16" washer (BB) and 5/16" nut (S).

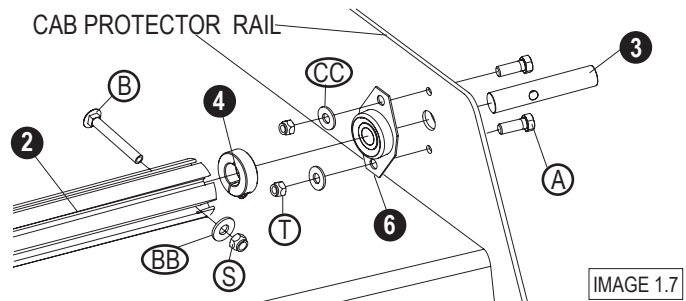


IMAGE 1.7

STEP 8: MOUNT LEFT AXLE

- Loosely assemble the bearing (6) to the cab protector using 1" bolts (A), 3/8" washers (CC) and 3/8" nuts (T).
- While keeping the axle (2) aligned with the bearings, insert the sprocket (5) through the left side of the cab protector, bearing, collar (4) and into the axle.
- Fasten the sprocket to the axle with a 2-1/2" bolt (B), 5/16" washer (BB) and 5/16" nut (S).

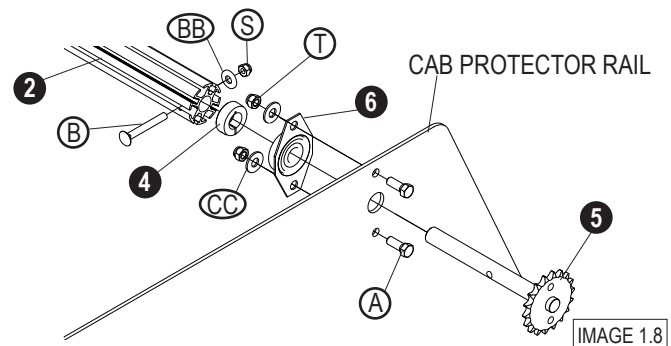


IMAGE 1.8

STEP 9: TIGHTEN COLLAR & HARDWARE

- While holding the sprocket 1-3/8 inch from the left side of the cab protector, tighten both collars (4).
- Ensure all hardware is securely tightened.

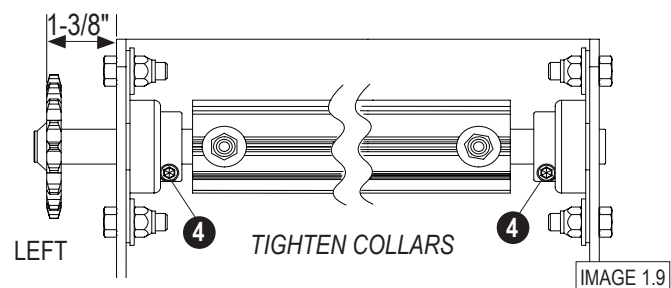
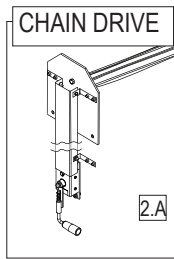


IMAGE 1.9

Continue: Crank Box & Chain Installation - page 10



Item	Part #	Description
1.	1809330	Tarp Spool Axle - 3 Way Attachment - 98"
2.	1800980	Shaft Extension - 3/4" x 4"
3.	1800089	Shaft Collar - 3/4"
4.	1120376	Sprocket - Left Side
5.	1809564	Powder-Coated Bearing Plate Assembly

Item	Part #	Description
B.	1801187	Carriage Bolt - 5/16" x 2-1/2"
S.	1800990	Lock Nut - 5/16"
J.	1800790	Cap Screw - 3/8" X 1-1/2"
T.	1800993	Lock Nut - 3/8"
BB.	1800989	Flat Washer - 5/16"
CC.	1800994	Flat Washer - 3/8"

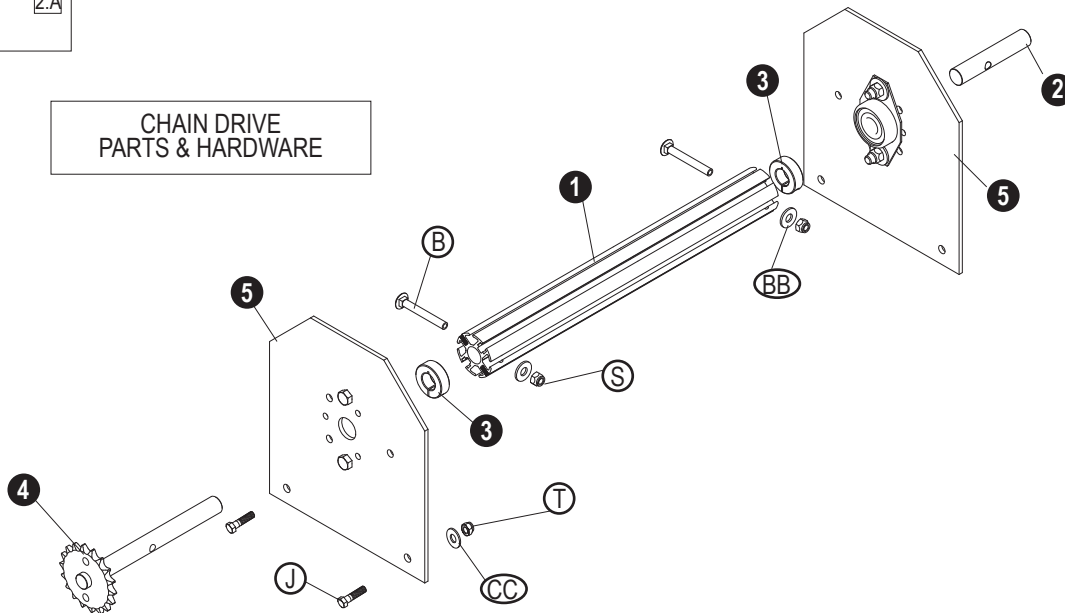
CHAIN DRIVE
PARTS & HARDWARE

IMAGE 2.0

Chain Drive - Side Plates Installation

To mount the chain drive directly onto an existing cab protector, please refer to page 6.

STEP 1: IDENTIFY MOUNTING LOCATION

On the mounting box, ensure the location of the mounted axle will allow the tarp system's spring-loaded arms to operate without obstructing cab doors, exhaust stacks or the loading process.

NOTE: For proper installation of the manual crank, spacers or brackets may need to be fabricated to align the left side bearing plate assembly (5) with the mounting surface.

STEP 2: INSTALL BEARING PLATES

- Use a **bearing plate (5)** to mark and drill two 5/16-inch holes on the left and right sides of the mounting box's metal framework.
- With the bearing assemblies facing inward, fasten a plate on each side, with **1-1/2" screws (J)**, **3/8" washers (CC)** and **3/8" nuts (T)**.
- For wood mounting, use 3/8" x 2-1/2" carriage bolts (not included), and secure with **3/8" washers (CC)** and **3/8" nuts (T)**.

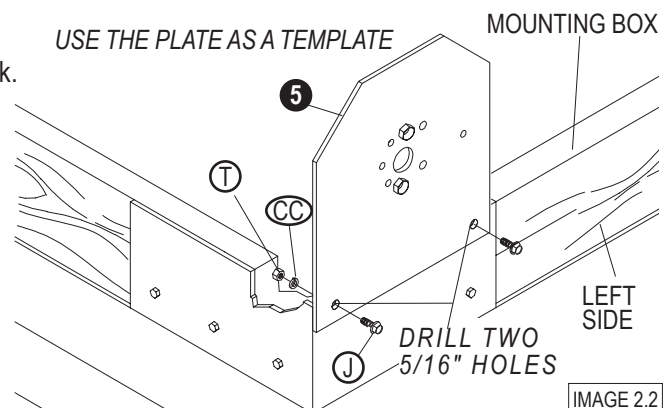


IMAGE 2.2

NOTE: The left and right bearing plate assemblies (5) must be mounted directly across from each other, in line, on opposite sides of the mounting box.

STEP 3: MEASURE & CUT AXLE

- Measure the inside distance between the **bearing plate assemblies (5)**, labeled as X in Image 2.3.
- Subtract 2-7/8 inches from X.
- Before cutting, verify one end of the axle has a pre-drilled hole. Ensure not to cut this end.
- Cut straight, through the **axle (1)**.
- Deburr the cut end.

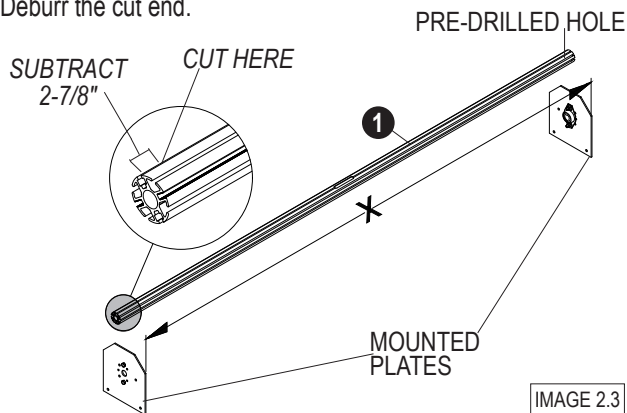


IMAGE 2.3

STEP 4: DRILL AXLE HOLE

- Measure inward 5/8 inch from the cut end of the **axle (1)**.
- Align the axle as shown in Image 2.4.
- Drill a 5/16-inch hole.

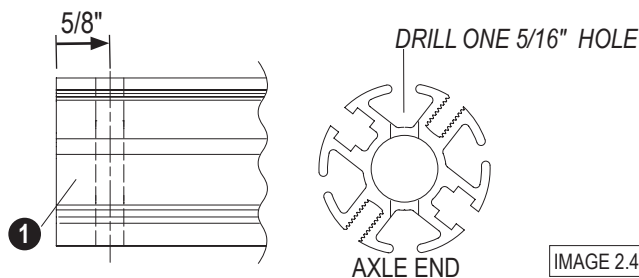


IMAGE 2.4

STEP 5: MOUNT LEFT AXLE

- Insert the **sprocket (4)** through the left side of the **bearing plate assembly (5)** and through the **collar (3)**.
- Insert the sprocket shaft into one end of the **axle (1)**.
- Align the axle with the sprocket shaft and insert the **2-1/2 inch bolt (B)**. Fasten the sprocket shaft to the axle with a **5/16 inch washer (BB)** and **5/16 inch nut (S)**.

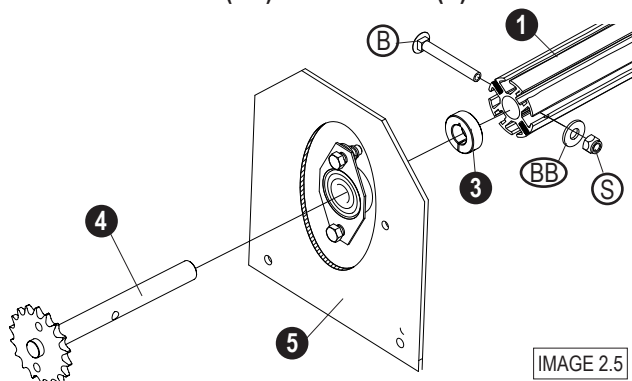


IMAGE 2.5

STEP 6: MOUNT RIGHT AXLE

- While keeping the **axle (1)** aligned between both **bearings (5)**, slide the **shaft extension (2)** through the right side of the bearing plate, **shaft collar (3)** and into the axle.
- Fasten the shaft extension to the axle using a **2-1/2 inch bolt (B)**, **5/16 inch washer (BB)** and **5/16 inch nut (S)**.

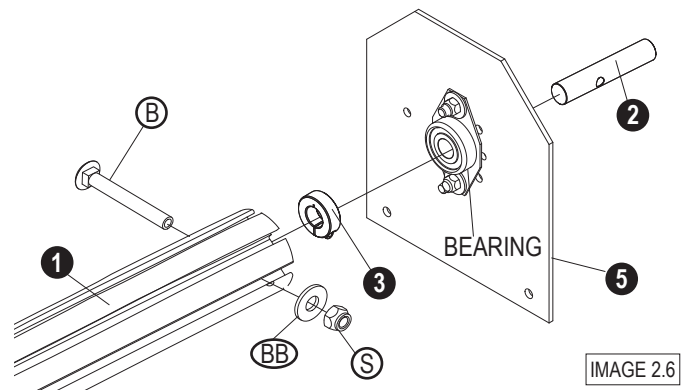


IMAGE 2.6

STEP 7: TIGHTEN COLLAR & HARDWARE

- While holding the sprocket 1-3/8 inch from the left side of the **bearing plate (5)**, tighten both **collars (3)**.
- Ensure all hardware is securely tightened.

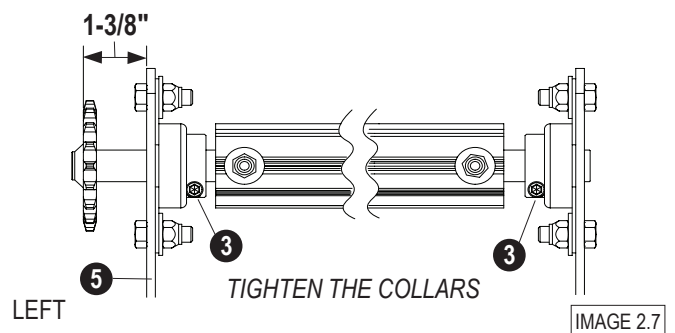
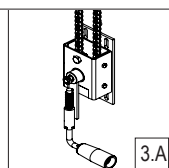


IMAGE 2.7

Continue: Crank Box & Chain Installation - page 10

CHAIN DRIVE CRANK BOX

CRANK BOX & CHAIN
PARTS & HARDWARE

Item	Part #	Description
1.	1800058	Chain #40 Master Link
2.	1800188	Chain #40 x 10'
3.	1120376	Sprocket - Left Side
4.	1800088	Crank Box Assembly - 5000 Series
5.	1800404	Chain Guard Bracket
6.	1800403	Lower Guard
7.	1800402	Upper Guard
C.	1804907	Hex Bolt - 5/16" X 3/4"
J.	1800790	Cap Screw - 3/8" X 1-1/2"
L.	1800802	Sheet Metal Screw - #10 X 1"
S.	1800990	Lock Nut - 5/16"
T.	1800993	Lock Nut - 3/8"
BB.	1800989	Flat Washer - 5/16"
CC.	1800994	Flat Washer - 3/8"

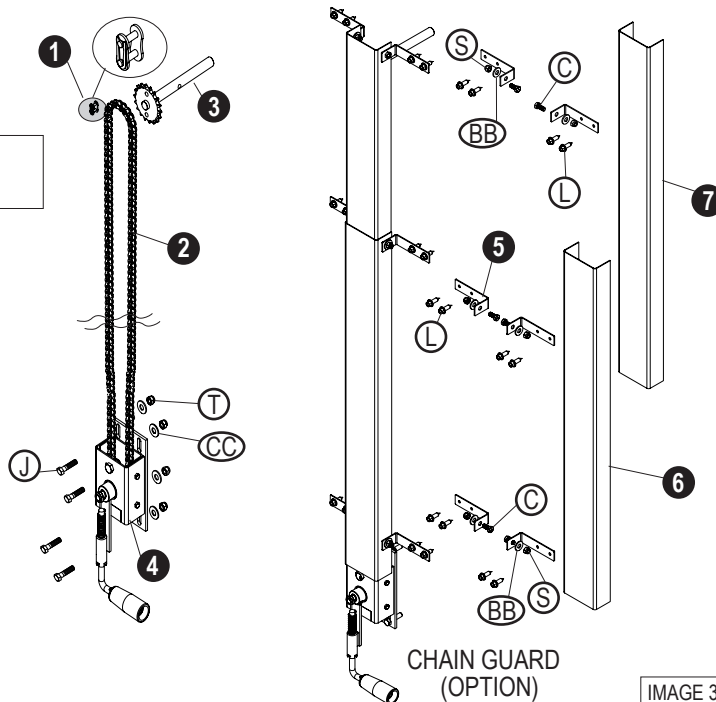
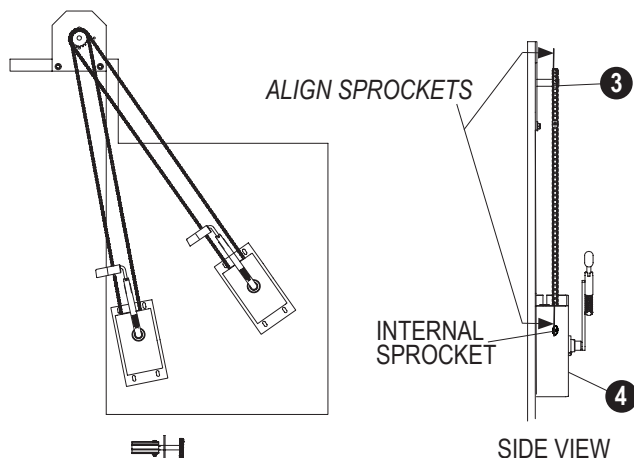


IMAGE 3.0

Chain Drive - Crank Box & Chain Installation

STEP 1: DETERMINE MOUNTING LOCATION

The **crank box (4)** must be mounted so that the **sprocket (3)** and the sprocket housed inside the crank box are aligned horizontally at an equal distance.



NOTE: Additional brackets may be needed to horizontally align sprockets.

IMAGE 3.1

STEP 2: FASTEN THE CRANK BOX

- Use the four slots in the **crank box (4)** as guides to mark and drill four 5/16-inch holes into the trailer box.
- Secure the crank box by fastening it with **1-1/2" cap screws (J)**, **3/8" washers (CC)** and **3/8" nuts (T)**, leaving the fasteners slightly loose for adjustments.

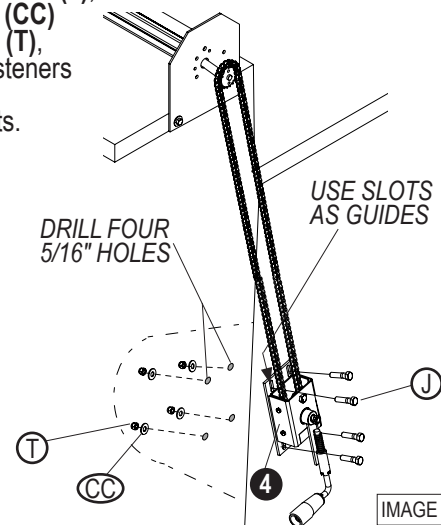


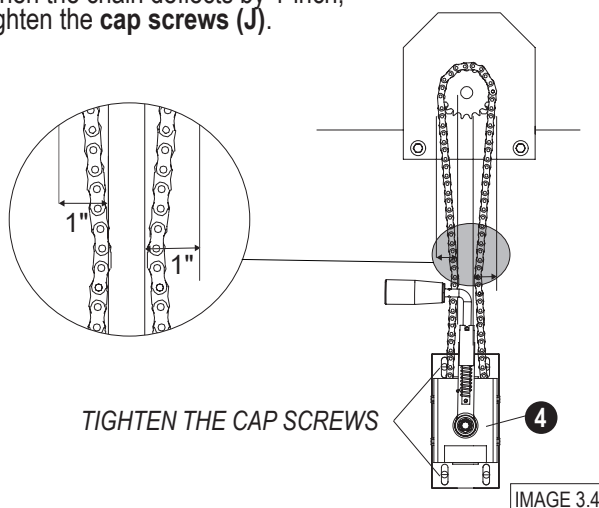
IMAGE 3.2

STEP 3: FASTEN THE CHAIN

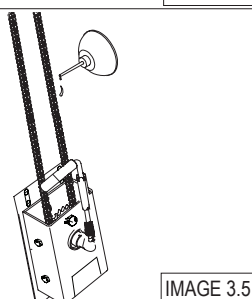
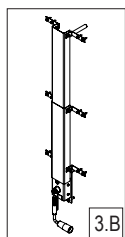
- Wrap the chain around both sprockets to determine the chain length.
- Pull the crank box upward until the **cap screws (J)** are in the middle of the adjustment slots.
- Mark the chain and remove excess links.
- Connect the ends of the chain with the **master link (1)**.

STEP 4: ADJUST CHAIN TENSION

- Have a second person pull downward on the **crank box (4)** to adjust the chain tension.
- When the chain deflects by 1-inch, tighten the **cap screws (J)**.

**STEP 5: MAINTENANCE**

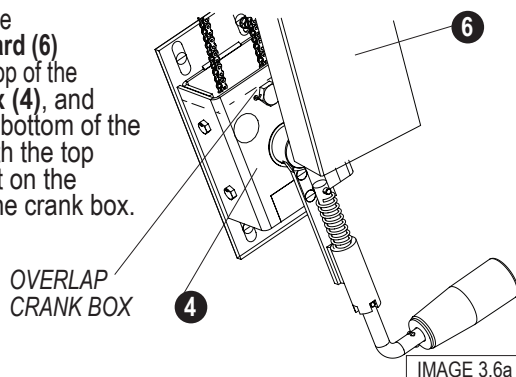
Lubricate the chain with medium-weight oil to keep it moving freely.

**Chain Guard Installation (Option)**

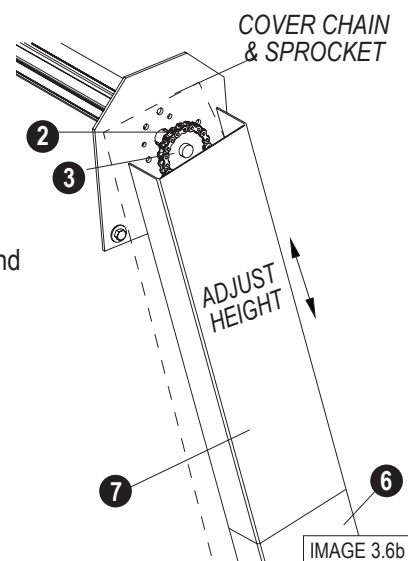
NOTE: The entire chain guard can be welded together and onto the truck body. If bolting is preferred, proceed with the following steps.

STEP 6: PLACE CHAIN GUARDS

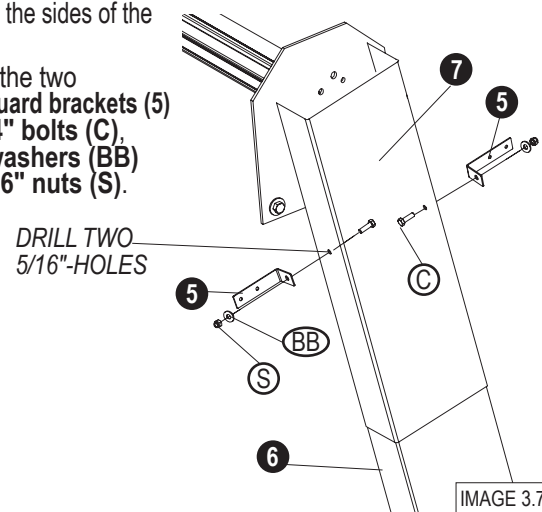
- Overlap the **lower guard (6)** over the top of the **crank box (4)**, and align the bottom of the guard with the top of the nut on the front of the crank box.

**STEP 6: PLACE CHAIN GUARDS cont.**

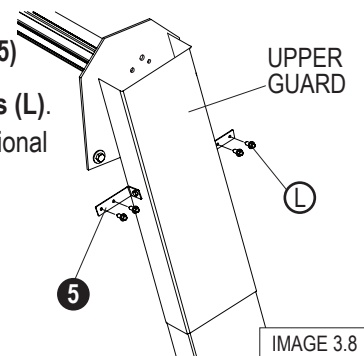
- Place the **upper guard (7)** over the **lower guard (6)** and adjust the height until the **chain (2)** and **sprocket (3)** are covered.

**STEP 7: ATTACH CHAIN GUARD BRACKETS**

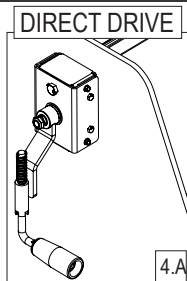
- Near the top of the **upper guard (7)**, mark and drill two 5/16-inch holes through the sides of the guard.
- Fasten the two **chain guard brackets (5)** with 3/4" bolts (C), 5/16" washers (BB) and 5/16" nuts (S).

**STEP 8: SECURE BRACKETS**

- Secure the **chain guard brackets (5)** to the truck box using **1" sheet metal screws (L)**.
- Fasten up to four additional chain guard brackets.



Continue: Pivot Arm - Low Mount Installation - page 20
Pivot Arm - High Mount Installation - page 22



Item	Part #	Description
1.	1809563	Powder-Coated Universal Bearing Plate
2.	1809330	Tarp Spool Axle - 3 Way Attachment - 98"
3.	1800980	Shaft Extension - 3/4" x 4"
4.	1810354	Crank Box Assembly
5.	1800042	Bearing - 3/4"
6.	1809564	Powder-Coated Bearing Plate Assembly
7.		Crank Box Cap

Item	Part #	Description
A.	1800795	Hex Bolt - 3/8" x 1"
B.	1801187	Carriage Bolt - 5/16" x 2-1/2"
K.	1701471	Self-Drilling Screw - #12 x 1"
S.	1800990	Lock Nut - 5/16"
T.	1800993	Lock Nut - 3/8"
BB.	1800989	Flat Washer - 5/16"
CC.	1800994	Flat Washer - 3/8"

WARNING

Do not operate the direct drive crank system while elevated or on unstable surfaces. Operate only when standing directly on the ground.

DIRECT DRIVE
PARTS & HARDWARE

IMAGE 4.0

SIDE PLATES NOT REQUIRED FOR
CAB PROTECTOR INSTALLATION.

Direct Drive - Cab Protector Installation

For side plate installation of the direct drive, please see page 14.

STEP 1: IDENTIFY MOUNTING LOCATION

Before drilling into the cab protector, ensure the chosen location for the mounted axle:

- Allows the tarp system's spring-loaded arms to operate without obstructing cab doors, exhaust stacks or the loading process.
- Provides adequate clearance space for the tarp to roll up around the axle.

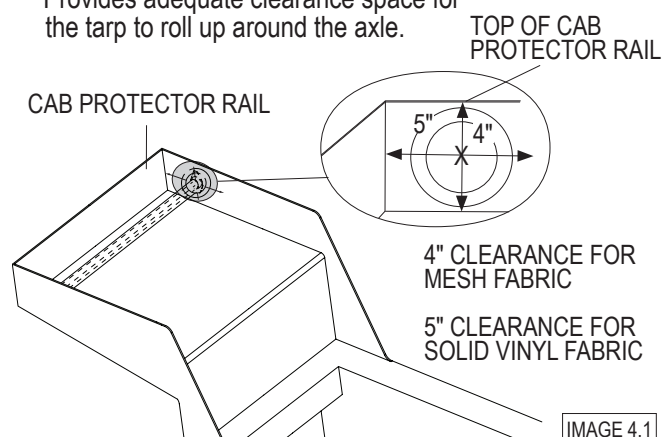


IMAGE 4.1

NOTE: If the required clearance of a fabric-wrapped axle cannot be met, see page 14 for side plate installation.

STEP 2: MARK BEARING LOCATIONS

- On each side of the cab protector, measure down 2 inches from the top of the rail, and mark the mounting locations for the center of the bearings.
- Ensure proper alignment of the holes with each other.

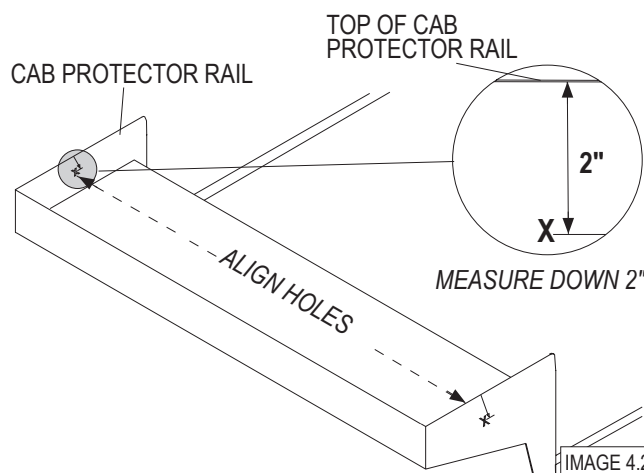


IMAGE 4.2

NOTE: The bearings must be mounted directly across from each other, in line, on opposite sides of the cab protector rail.

NOTE: Disassemble the bearing plate assembly (6). The plate (1) is not required for cab protector installation.

STEP 3: PREPARE RIGHT SIDE CAB RAIL

- Use a 1-inch hole saw at the marked location, as shown in Image 4.3.
- Use the bearing as a guide and drill two 11/32-inch holes.

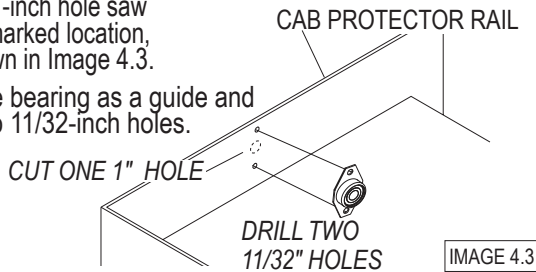


IMAGE 4.3

STEP 4: PREPARE LEFT SIDE CAB RAIL

Cut/drill the hole patterns described in Step 3 in the left side of the cab protector.

STEP 5: MEASURE & CUT AXLE

- Measure the inside distance between the cab protector's sides, labeled as X in Image 4.5.
- Subtract 1-7/8 inch from X.
- Before cutting, verify one end of the axle has a pre-drilled hole. Ensure not to cut this end.
- Cut straight, through the axle (2).
- Deburr the cut end.

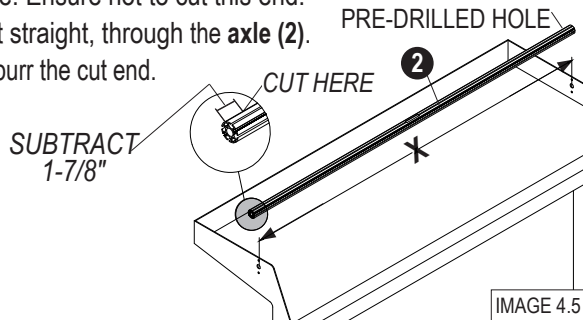


IMAGE 4.5

STEP 6: DRILL AXLE HOLE

- Measure inward 5/8 inch from the cut end of the axle (1).
- Align the axle as shown in Image 4.6 and then drill a 5/16-inch hole.

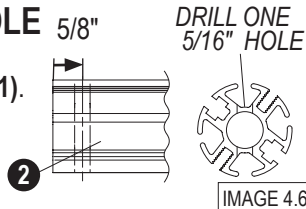


IMAGE 4.6

STEP 7: MOUNT RIGHT AXLE

- Loosely assemble the bearing (5) to the cab protector rail using 1" bolts (A), 3/8" washers (CC) and 3/8" nuts (T).
- Insert the shaft extension (3) through the right side of the cab protector and into the axle (2).
- Fasten the shaft extension to the axle using a 2-1/2" bolt (B), 5/16" washer (BB) and 5/16" nut (S).

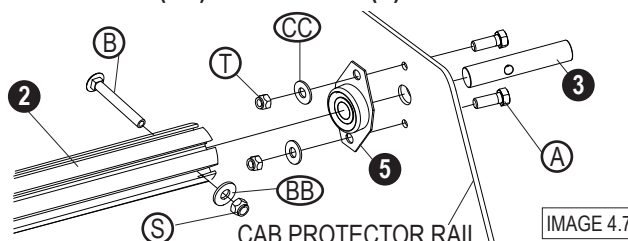


IMAGE 4.7

STEP 8: MOUNT LEFT AXLE & CRANK BOX

- Insert the shaft of the crank box (4) through the left side of the cab protector.
- Insert two 1" bolts (A) through the inside of the cab protector and into the crank box. From inside the crank box, attach 3/8" washers (CC) and 3/8" nuts (T).
- Align and slide the axle (2) onto the crank box shaft. Fasten the crank box shaft to the axle with a 2-1/2" bolt (B), 5/16" washer (BB) and 5/16" nut (S).

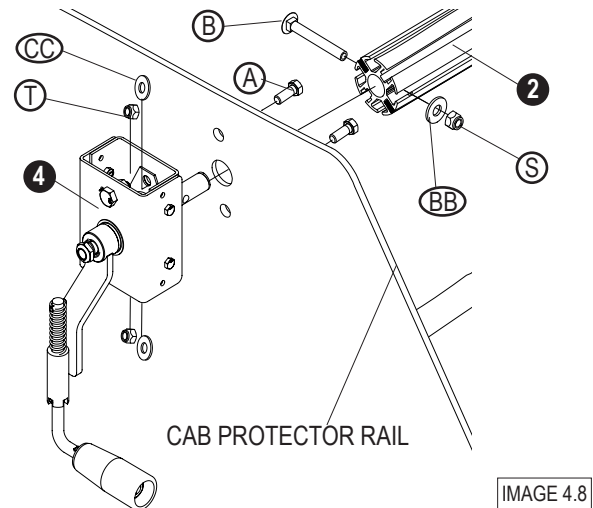


IMAGE 4.8

STEP 9: SECURE CRANK BOX

- Attach a crank box cap (7) to the top and bottom of the crank box.
- Secure the crank caps by fastening four self-drilling screws (K) through the four existing holes, see image 4.9. Drive screws into the crank cap.

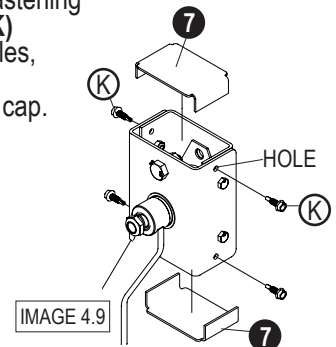


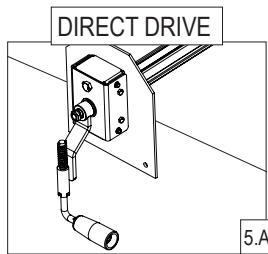
IMAGE 4.9

NOTE: Turn the direct drive crank in a clockwise rotation to extend the tarp over the trailer and a counterclockwise rotation to retract the tarp.

STEP 10: TIGHTEN ALL HARDWARE

Ensure all hardware is securely tightened.

Continue: Pivot Arm - Low Mount Installation - page 20
Pivot Arm - High Mount Installation - page 22



Item	Part #	Description
1.	1809563	Powder-Coated Universal Bearing Plate
2.	1809330	Tarp Spool Axle - 3 Way Attachment - 98"
3.	1800980	Shaft Extension - 3/4" x 4"
4.	1810354	Crank Box Assembly
5.	1809564	Powder-Coated Bearing Plate Assembly
6.		Crank Box Cap

Item	Part #	Description
A.	1800795	Hex Bolt - 3/8" x 1"
B.	1801187	Carriage Bolt - 5/16" x 2-1/2"
J.	1800790	Cap Screw - 3/8" X 1-1/2"
K.	1701471	Self-Drilling Screw - #12 x 1"
S.	1800990	Lock Nut - 5/16"
T.	1800993	Lock Nut - 3/8"
BB.	1800989	Flat Washer - 5/16"
CC.	1800994	Flat Washer - 3/8"

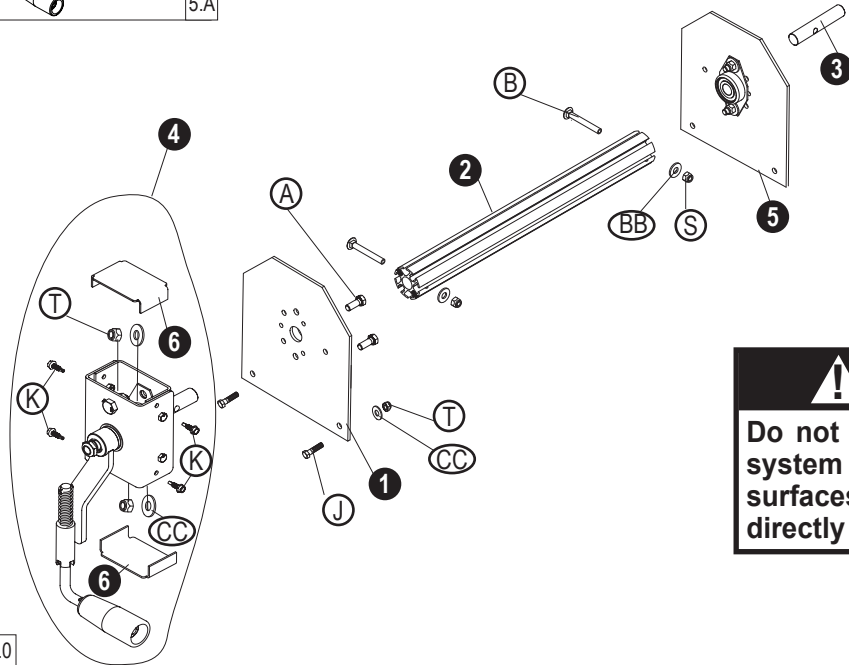


IMAGE 5.0

⚠ WARNING

Do not operate the direct drive crank system while elevated or on unstable surfaces. Operate only when standing directly on the ground.

Direct Drive - Side Plates Installation

To mount the direct drive directly into an existing cab protector, please refer to page 12.

STEP 1: IDENTIFY MOUNTING LOCATION

On the mounting box, ensure the location of the mounted axle will allow the tarp system's spring-loaded arms to operate without obstructing cab doors, exhaust stacks or the loading process.

STEP 2: INSTALL LEFT SIDE PLATE

- Use the **plate (1)** to mark and drill two 5/16-inch holes on the left side of the mounting box's metal framework.
- Fasten the plate with **1-1/2" screws (J)**, **3/8" washers (CC)** and **3/8" nuts (T)**.

STEP 3: INSTALL RIGHT BEARING PLATE

- Use a **bearing plate (5)** to mark and drill two 5/16-inch holes on the right side of the mounting box's metal framework.
- Place the bearing plate, with the bearing facing towards the inside of the box, and fasten with **1-1/2" screws (J)**, **3/8" washers (CC)** and **3/8" nuts (T)**.

NOTE: For wood mounting, use 3/8" x 2-1/2" carriage bolts (not included), and secure with **3/8" washers (CC)** and **3/8" nuts (T)**.

USE THE PLATE AS A TEMPLATE

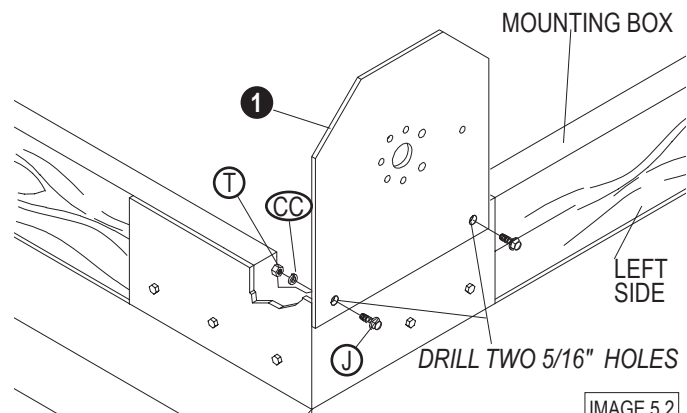


IMAGE 5.2

NOTE: The left and right bearing plate assemblies (5) must be mounted directly across from each other, in line, on opposite sides of the mounting box.

STEP 4: MEASURE & CUT AXLE

- Measure the inside distance between the plates, labeled as X in Image 5.4.
- Subtract 1-7/8 inch from X.
- Before cutting, verify one end of the axle has a pre-drilled hole. Ensure not to cut this end.
- Cut straight, through the axle (2).
- Deburr the cut end.

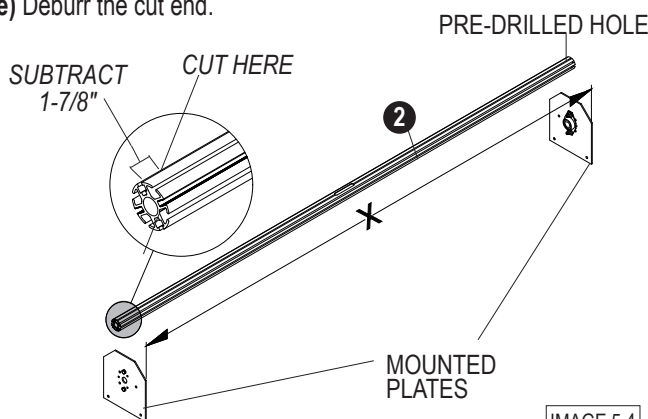


IMAGE 5.4

STEP 5: DRILL AXLE HOLE

- Measure inward 5/8 inch from the cut end of the axle (1).
- Align the axle as shown in Image 5.5, and then drill a 5/16-inch hole.

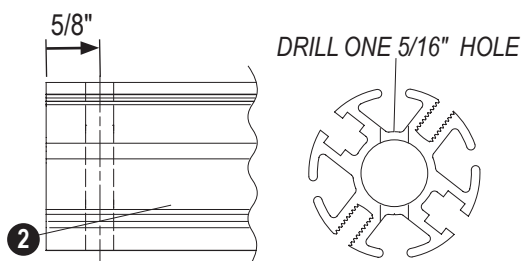


IMAGE 5.5

STEP 6: MOUNT LEFT AXLE & CRANK BOX

- Insert the shaft of the crank box (4) through the left side of the plate (1).
- Insert two 1" bolts (A) through the inside of the side plate and into the crank box. From inside the crank box, attach 3/8" washers (CC) and 3/8" nuts (T).
- Align and slide the axle (2) onto the crank box shaft. Fasten the crank box shaft to the axle with a 2-1/2" bolt (B), 5/16" washer (BB) and 5/16" nut (S).

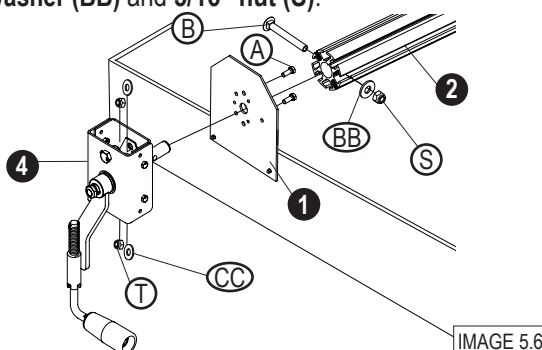


IMAGE 5.6

STEP 7: SECURE CRANK BOX

- Attach a crank box cap (6) to the top and bottom of the crank box.
- Secure the crank caps by fastening four self-drilling screws (K) through the four existing holes, see image 5.7. Drive screws into the crank cap.

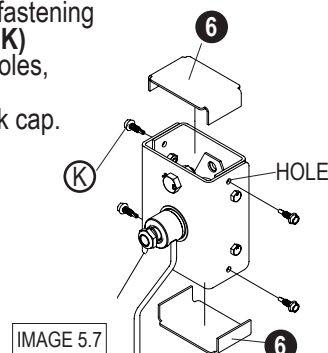


IMAGE 5.7

NOTE: Turn the direct drive crank in a clockwise rotation to extend the tarp over the trailer and a counterclockwise rotation to retract the tarp.

STEP 8: MOUNT RIGHT AXLE

- While keeping the axle (2) aligned with the bearing, slide the shaft extension (3) through the right side of the bearing plate, and into the axle.
- Fasten the shaft extension to the axle using a 2-1/2" bolt (B), 5/16" washer (BB) and 5/16" nut (S).

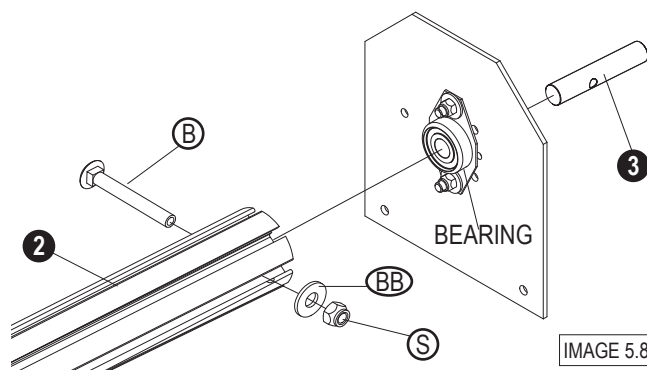
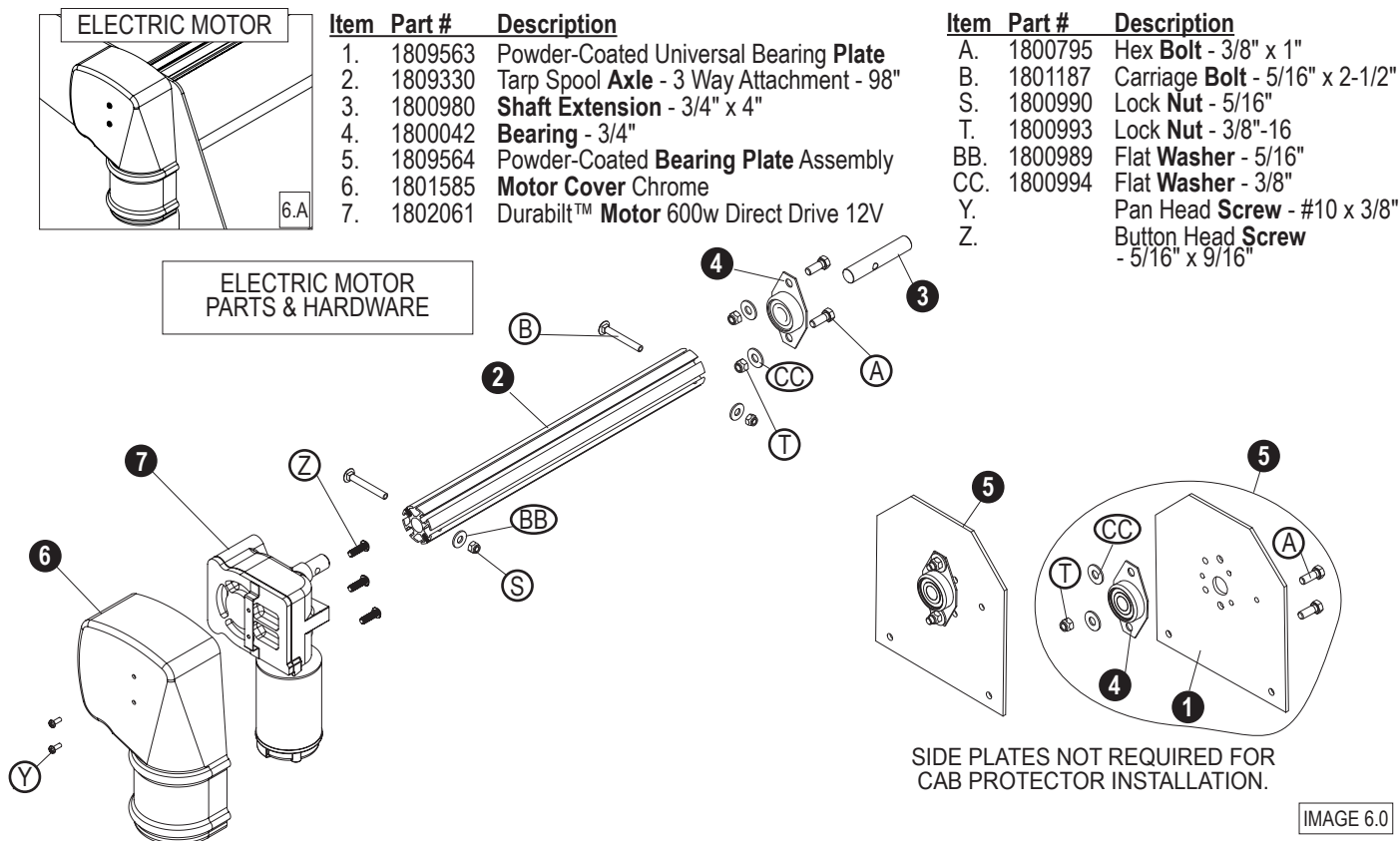


IMAGE 5.8

STEP 9: TIGHTEN HARDWARE

Ensure all hardware is securely tightened.

Continue: Pivot Arm - Low Mount Installation - page 20
Pivot Arm - High Mount Installation - page 22



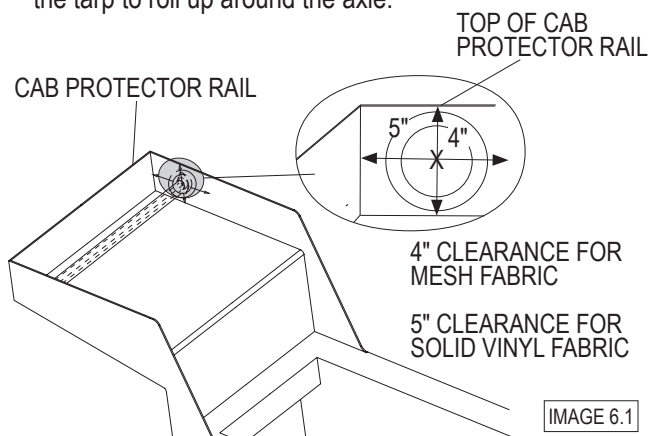
Electric Motor - Cab Protector Installation

For side plate installation of an electric motor, please see page 18.

STEP 1: IDENTIFY MOUNTING LOCATION

Before drilling into the cab protector, ensure the chosen location for the mounted axle:

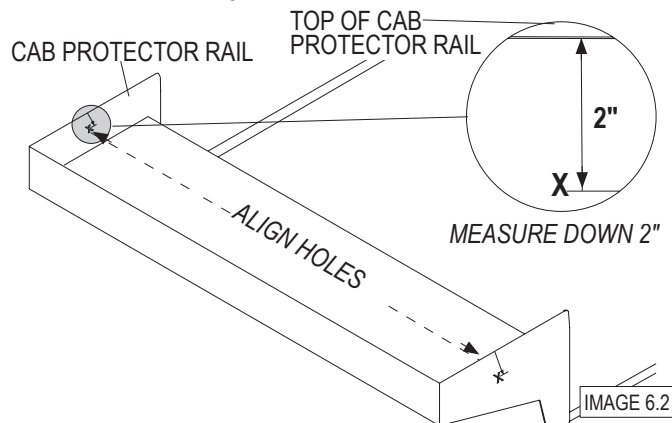
- Allows the tarp system's spring-loaded arms to operate without obstructing cab doors, exhaust stacks or the loading process.
- Provides adequate clearance space for the tarp to roll up around the axle.



NOTE: If the required clearance of a fabric-wrapped axle cannot be met, see page 18 for side plate installation.

STEP 2: MARK BEARING LOCATIONS

- On each side of the cab protector, measure down 2 inches from the top of the rail, and mark the mounting locations for the center of the bearings.
- Ensure proper alignment of the holes with each other.



NOTE: The bearings must be mounted directly across from each other, in line, on opposite sides of the cab protector rail.

NOTE: Disassemble the bearing plate assembly (5). The side plate (1) is not required for cab protector installation.

STEP 3: PREPARE RIGHT SIDE CAB RAIL

- Use a 1-inch hole saw at the marked location, as shown in Image 6.3.
- Use the bearing (4) as a guide and drill two 11/32-inch holes.

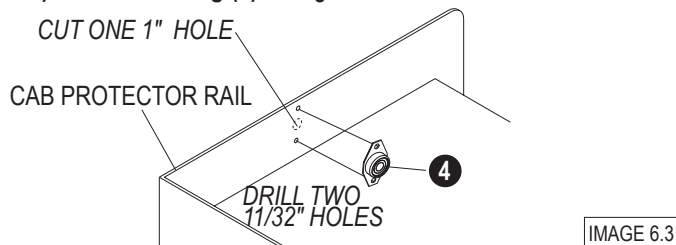


IMAGE 6.3

STEP 4: PREPARE LEFT SIDE CAB RAIL

- Use a 1-inch hole saw at the marked location, as shown in Image 6.4.
- Center the 1-inch hole in the plate (1) over the newly drilled hole.
- Use the plate as a guide to drill three 11/32-inch holes.

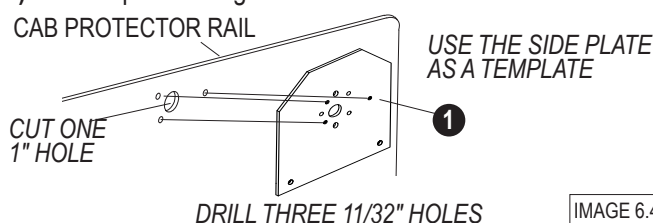


IMAGE 6.4

STEP 5: MEASURE & CUT AXLE

- Measure the inside distance between the cab protector's sides, labeled as X in Image 6.5.
- Subtract 1-5/8 inch from X.
- Before cutting, verify one end of the axle has a pre-drilled hole. Ensure not to cut this end.
- Cut straight, through the axle (2).
- Deburr the cut end.

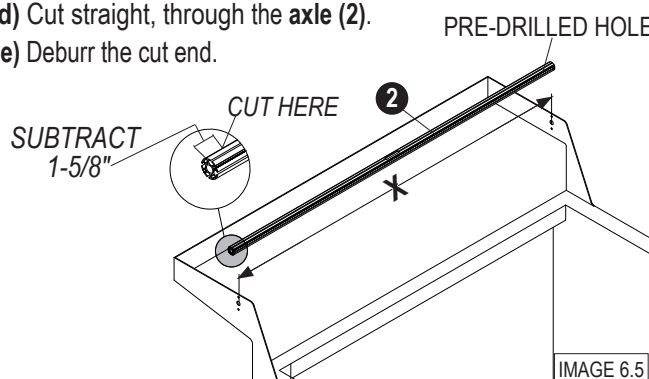


IMAGE 6.5

STEP 6: DRILL AXLE HOLE

- Measure inward 5/8 inch from the cut end of the axle (2).
- Align the axle as shown in Image 6.6 and then drill a 5/16-inch hole.

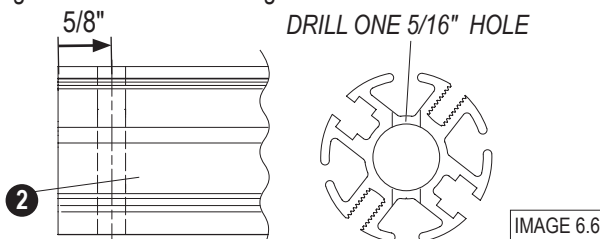


IMAGE 6.6

STEP 7: MOUNT RIGHT AXLE

- Loosely assemble the bearing (4) to the cab protector rail using 1" bolts (A), 3/8" washers (CC) and 3/8" nuts (T).
- Insert the shaft extension (3) through the right side of the cab protector, through the bearing, and into the axle (2).
- Fasten the shaft extension to the axle using a 2-1/2" bolt (B), 5/16" washer (BB) and 5/16" nut (S).

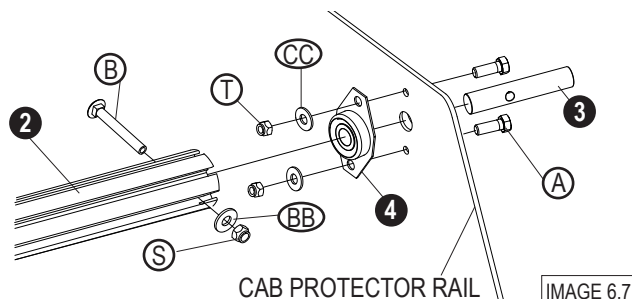


IMAGE 6.7

STEP 8: MOUNT LEFT AXLE

- While keeping the axle (2) aligned, insert the motor shaft (7) through the left side of the cab protector and into the axle.
- Fasten the motor (7) to the cab protector using three screws (Z).
- Secure the motor shaft to the axle with a 2-1/2" bolt (B), 5/16" washer (BB) and 5/16" nut (S).
- Attach the motor cover (6) to the motor using two screws (Y).

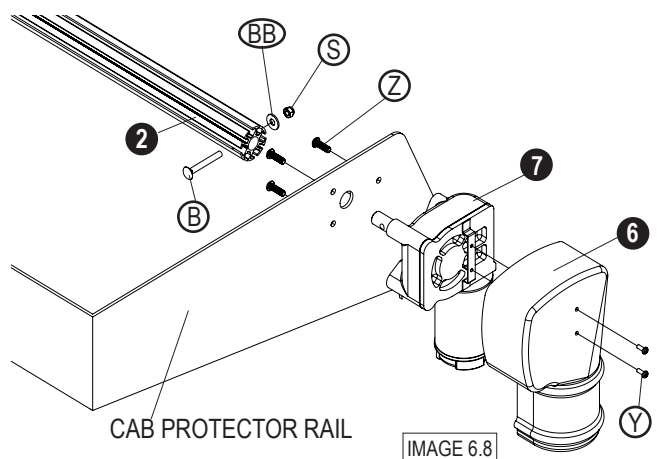
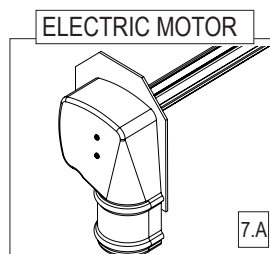


IMAGE 6.8

STEP 9: TIGHTEN HARDWARE

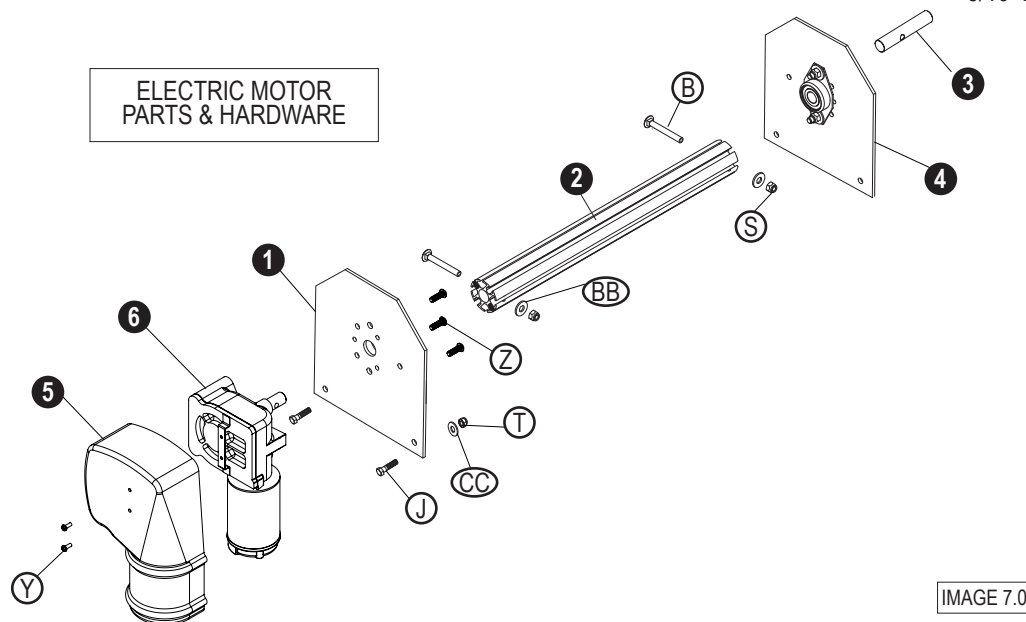
Ensure all hardware is securely tightened.

Continue: Pivot Arm - Low Mount Installation - page 20
Pivot Arm - High Mount Installation - page 22



Item	Part #	Description
1.	1809563	Powder-Coated Universal Bearing Plate
2.	1809330	Tarp Spool Axle - 3 Way Attachment - 98"
3.	1800980	Shaft Extension - 3/4" x 4"
4.	1809564	Powder-Coated Bearing Plate Assembly
5.	1801585	Motor Cover Chrome
6.	1802061	Durabilt™ Motor 600w Direct Drive 12V

Item	Part #	Description
B.	1801187	Carriage Bolt - 5/16" x 2-1/2"
J.	1800790	Cap Screw - 3/8" X 1-1/2"
S.	1800990	Lock Nut - 5/16"
T.	1800993	Lock Nut - 3/8"-16
BB.	1800989	Flat Washer - 5/16"
CC.	1800994	Flat Washer - 3/8"
Y.		Pan Head Screw - #10 x 3/8"
Z.		Button Head Screw - 5/16" x 9/16"



Electric Motor - Side Plates Installation

To mount an electric motor directly into an existing cab protector, please refer to page 16.

STEP 1: IDENTIFY MOUNTING LOCATION

On the mounting box, ensure the location of the mounted axle will allow the tarp system's spring-loaded arms to operate without obstructing cab doors, exhaust stacks or the loading process.

STEP 2: INSTALL LEFT SIDE PLATE

- Use the **plate (1)** to mark and drill two 5/16-inch holes on the left side of the mounting box's metal framework.
- Fasten the side plate with 1-1/2" **screws (J)**, 3/8" **washers (CC)** and 3/8" **nuts (T)**.

STEP 3: INSTALL RIGHT BEARING PLATE

- Use the **bearing plate (4)** to mark and drill two 5/16-inch holes on the right side of the mounting box's metal framework.
- Place the bearing plate, with the bearing facing towards the inside of the box, and fasten with 1-1/2" **screws (J)**, 3/8" **washers (CC)** and 3/8" **nuts (T)**.

NOTE: For wood mounting, use 3/8" x 2-1/2" carriage bolts (not included), and secure with 3/8" **washers (CC)** and 3/8" **nuts (T)**.

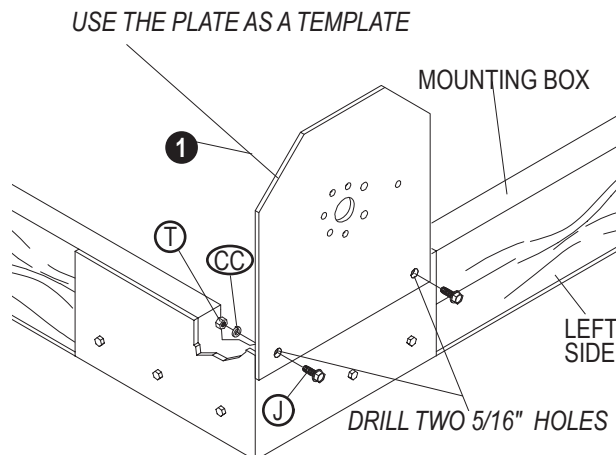


IMAGE 7.2

NOTE: The side plate (1) and bearing plate (4) must be mounted directly across from each other, in line, on opposite sides of the mounting box.

STEP 4: MEASURE & CUT AXLE

- Measure the inside distance between the mounted plates, labeled as X in Image 7.4.
- Subtract 1-5/8 inch from X.
- Before cutting, verify one end of the axle has a pre-drilled hole. Ensure not to cut this end.
- Cut straight, through the axle (2).
- Deburr the cut end.

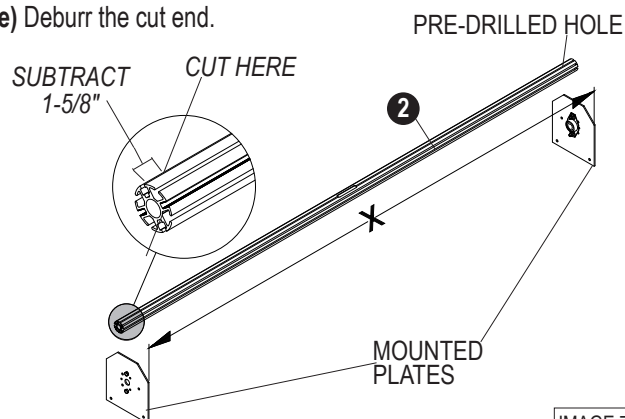


IMAGE 7.4

STEP 5: DRILL AXLE HOLE

- Measure inward 5/8 inch from the cut end of the axle (2).
- Align the axle as shown in Image 7.5 and then drill a 5/16-inch hole.

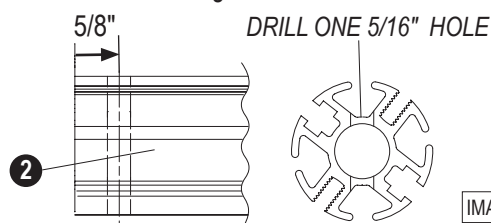


IMAGE 7.5

STEP 6: MOUNT LEFT AXLE

- Insert the motor shaft (6) through the left side of the plate (1) and into the axle (2).
- Fasten the motor (6) to the plate using three screws (Z).
- Secure the motor shaft to the axle with a 2-1/2" bolt (B), 5/16" washer (BB) and 5/16" nut (S).
- Attach the motor cover (5) to the motor using screws (Y).

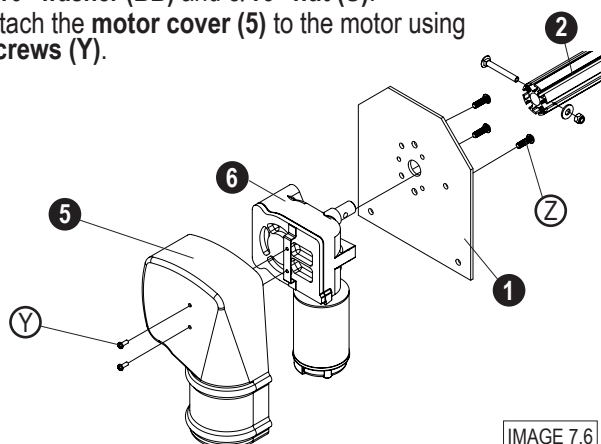


IMAGE 7.6

STEP 7: MOUNT RIGHT SIDE AXLE

- While keeping the axle (2) aligned with the bearing (4), slide the shaft extension (3) through the right side of the bearing plate and into the axle.
- Fasten the shaft extension to the axle using a 2-1/2" bolt (B), 5/16" washer (BB) and 5/16" nut (S).

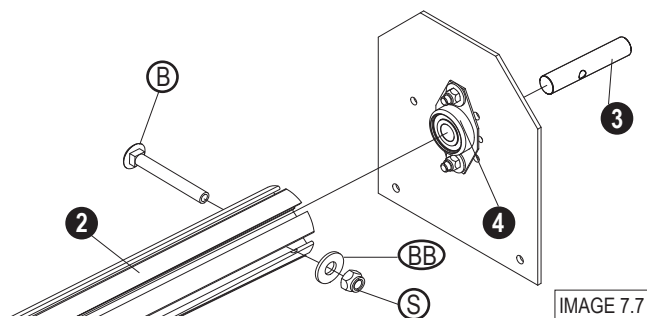


IMAGE 7.7

STEP 8: TIGHTEN HARDWARE

Ensure all hardware is securely tightened.

Continue: Pivot Arm - Low Mount Installation - page 20
Pivot Arm - High Mount Installation - page 22

For high mount installation of the arm system, please refer to page 22.

NOTE: Be aware that the pivot system may be damaged if arm rotation exceeds 180°.

STEP 1: LOCATE POINT A AND POINT B

- Point A is the center of the axle.
- Point B is the desired resting place for the tarp tube.

STEP 2: LOCATE THE PIVOT POINT

Locate one point on the bottom of the rail that measures an equal distance to point A and to point B, and mark the point.

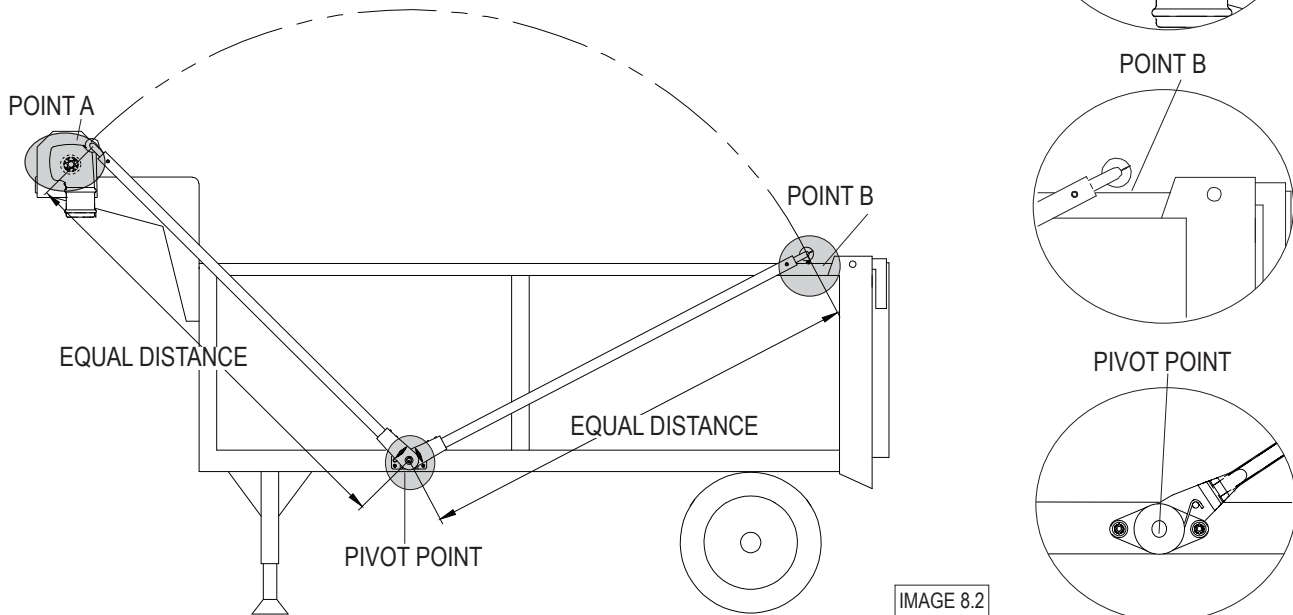


IMAGE 8.2

STEP 3:

- Ensure the trailer is square.
- On the left side, locate and mark the pivot point on the bottom rail as noted in Step 2.

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

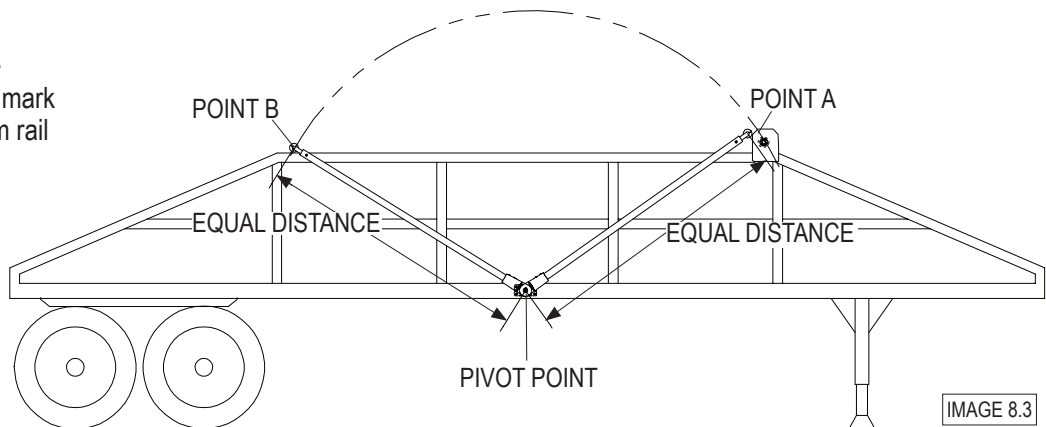


IMAGE 8.3



WARNING

Operate the tarp system only when stationary, away from power lines, and with no one nearby. Avoid the return arm and moving parts due to constant spring tension. Failure to follow these warnings could result in damages, serious injury, or death.

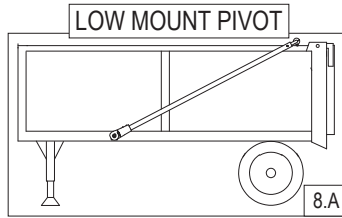
STEP 4: PLACE SAFETY DECALS

Ensure surface area near the pivot point is clean and dry. Remove the backing from **warning decals (3) and (4)**, and place them in a visible location. Regularly inspect the decals for wear and adherence to ensure ongoing safety. Replace if necessary.

WARNING

- Do not operate tarp system beneath power lines.
- Do not operate system while moving.
- Make sure no one is near tarp system while operating.
- Failure to follow these warnings could result in damages, serious injury, or death.

DECAL P/N 1704562



PIVOT ARM PARTS & HARDWARE

Item	Part #	Description
1.	1800123	Pivot Arm Assembly - Left Side
2.	1800124	Pivot Arm Assembly - Right Side
3.	1704562	Warning Decal - Power Lines
4.	1704561	Warning Decal - Spring Tension
D.	1800356	Carriage Bolt - 1/2" x 1-1/2"
U.	1800995	Lock Nut - 1/2"
DD.	1800996	Flat Washer - 1/2"

WARNING

- Return arm under **CONSTANT** spring tension.
- Stay clear of return arms and all moving parts.
- Read manual thoroughly before assembling or disassembling.
- Failure to follow warnings could result in serious injury or death.

Decal P/N 1704561

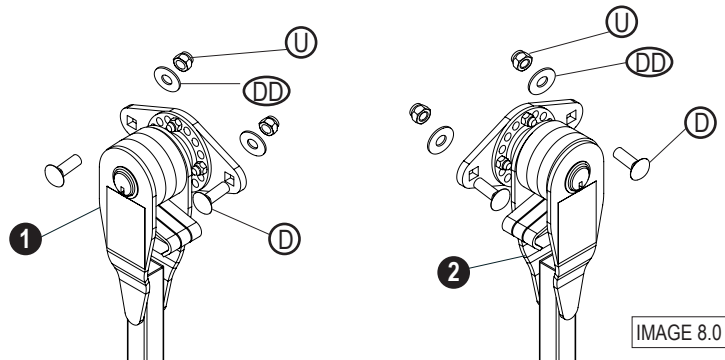


IMAGE 8.0

Low Mount - Pivot Arm Installation

NOTE: Before drilling, recheck measurements of the pivot location.

STEP 5: MOUNT LEFT PIVOT ARM

- On the left side, center and clamp the **left pivot arm (1)** onto the marked pivot point on the bottom rail. Align the slot in the pivot pin to face downward, see Image 8.5.
- Use the holes in the pivot assembly as a guide to mark and drill two 1/2-inch holes in the rail. Ensure the holes are parallel with the bottom of the rail body.
- Fasten left pivot arm to the rail with **1-1/2" bolts (D)**, **1/2" washers (DD)** and **1/2" nuts (U)**.

FACE PIVOT PIN SLOT DOWN

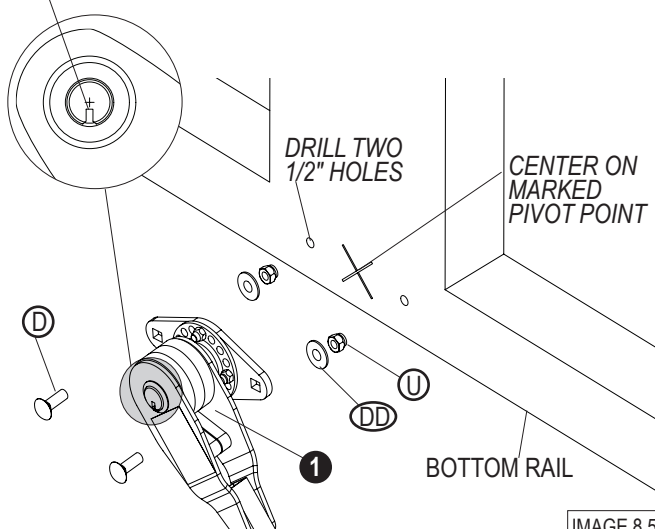


IMAGE 8.5

STEP 6: MOUNT RIGHT PIVOT ARM

- On the right side, center and clamp the **right pivot arm (2)** onto the marked pivot point on the bottom rail. Align the slot in the pivot pin to face downward, see Image 8.5.
- Follow Step 5b and 5c.

NOTE: After installing the spring and arm, ensure the open tarp position does not allow the springs to exceed a 180° rotation, which can cause premature fatigue and reduce the lifespan of the spring.

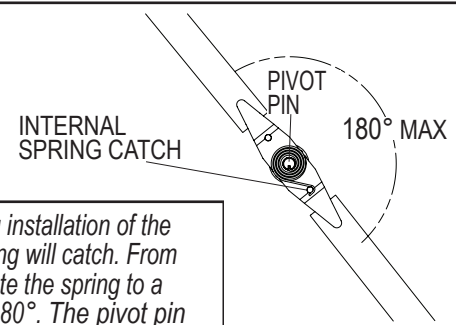


IMAGE 8.6

NOTE: During installation of the arms, the spring will catch. From this point, rotate the spring to a maximum of 180°. The pivot pin must be set in a downward position so the spring load does not exceed more than 180°. If more load is applied, spring damage may occur.

Continue: Arm & Tarp Installation - page 24

For low mount installation of the arm system, please refer to page 20.

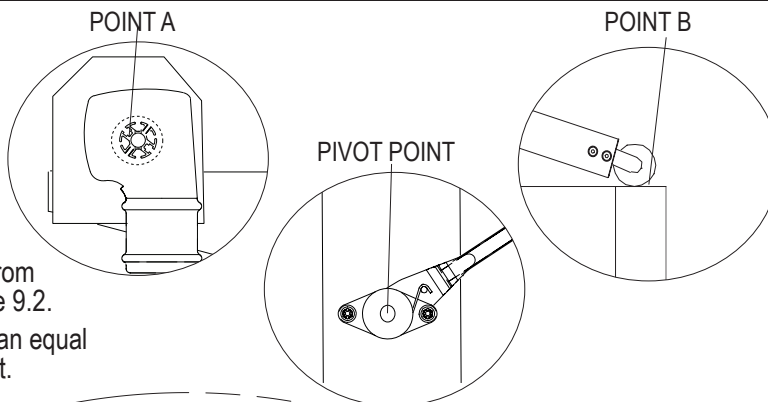
NOTE: Be aware that the pivot system may be damaged if arm rotation exceeds 180°.

STEP 1: LOCATE POINT A AND POINT B

- Point A is the center of the axle.
- Point B is the desired resting place for the tarp tube.

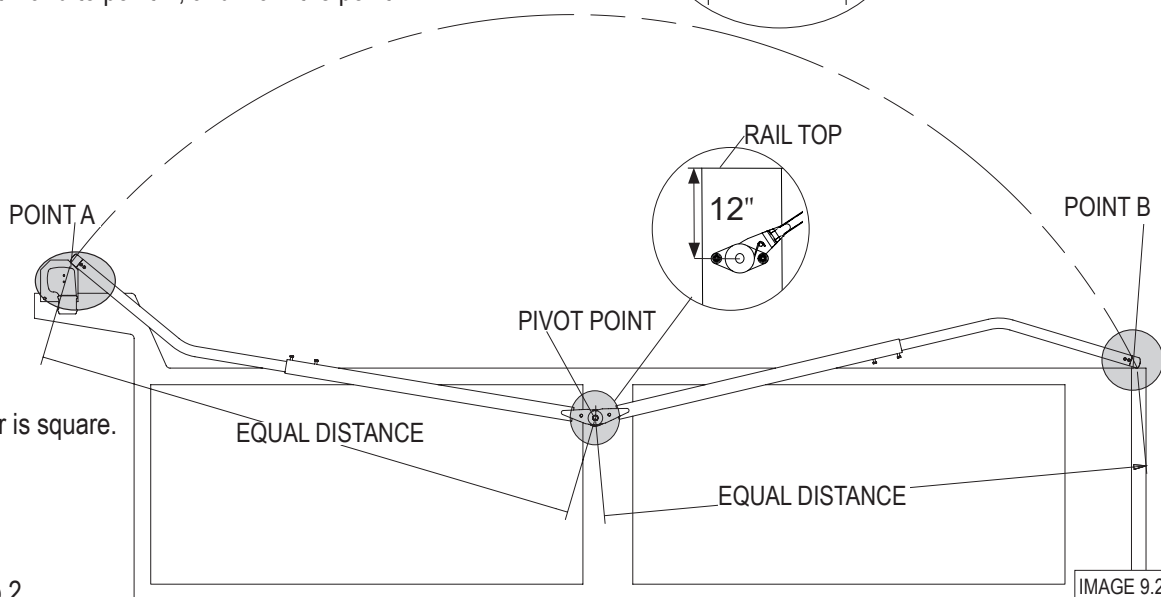
STEP 2: LOCATE THE PIVOT POINT

- On the right side, allow for a minimum of 12-inches from the top of the rail to the center of the pivot, see Image 9.2.
- Locate one point on the top of the rail that measures an equal distance to point A and to point B, and mark the point.



STEP 3:

- Ensure the trailer is square.
- On the left side, locate and mark the pivot point on the top rail as noted in Step 2.



NOTE: High mount applications require a 900 Watt motor P/N: 1704878

NOTE: The center of the pivot location must be a minimum of 12-inches below the top of the rail for high mount applications.

NOTE: Adjustable pivot mounts allow the installer to easily adjust spring tension for elevated mounts.

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

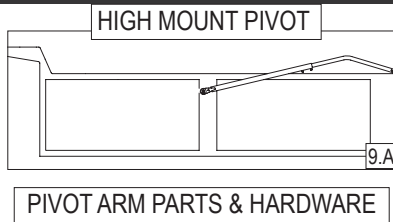


WARNING

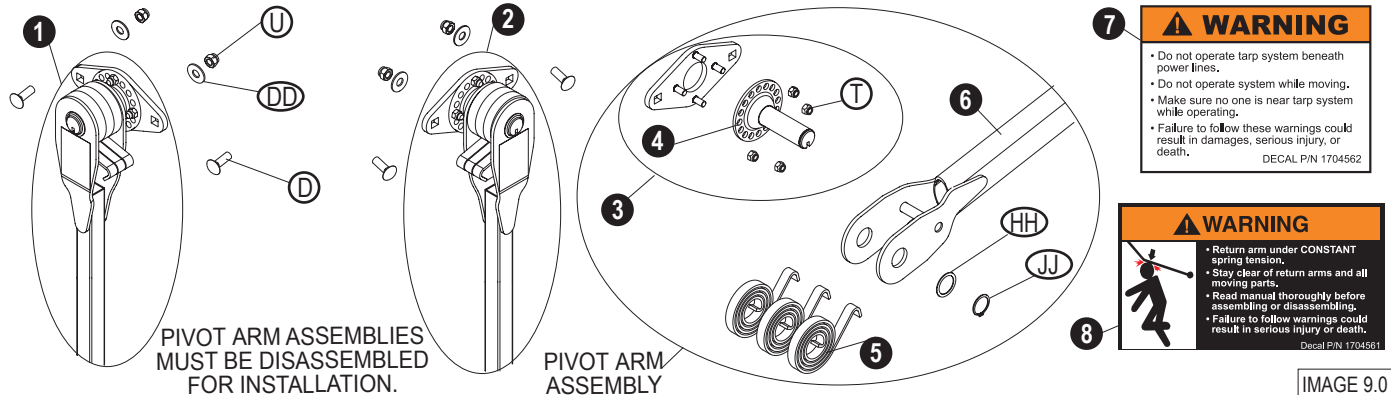
Operate the tarp system only when stationary, away from power lines, and with no one nearby. Avoid the return arm and moving parts due to constant spring tension. Failure to follow these warnings could result in damages, serious injury, or death.

STEP 4: PLACE SAFETY DECALS

Ensure surface area near the pivot point is clean and dry. Remove the backing from **warning decals (3) and (4)**, and place them in a visible location. Regularly inspect the decals for wear and adherence to ensure ongoing safety. Replace if necessary.



Item	Part #	Description	Item	Part #	Description
1.	1800123	Pivot Arm Assembly - Left Side	D.	1800356	Carriage Bolt - 1/2" x 1-1/2"
2.	1800124	Pivot Arm Assembly - Right Side	T.	1800993	Lock Nut - 3/8"
3.	1811436	Pivot Spring Assembly Base	U.	1800995	Lock Nut - 1/2"
4.		Pivot Spring Weldment	DD.	1800996	Flat Washer - 1/2"
5.	1800763	Spiral Torsion Spring	HH.	1800977	Shim 1-1/4" ID X .047
6.	1801757	Pivot Arm	JJ.	1800978	Ring Retaining - 1-1/4"
7.	1704562	Warning Decal - Power Lines			
8.	1704561	Warning Decal - Spring Tension			

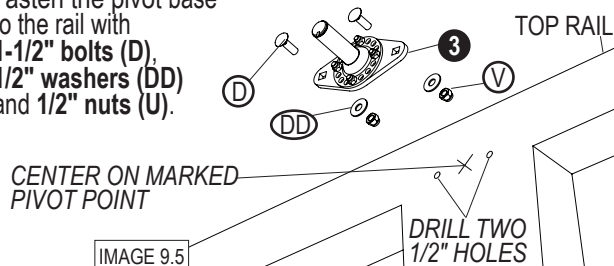


High Mount - Pivot Arm Installation

NOTE: Before drilling, recheck measurements of the pivot location.

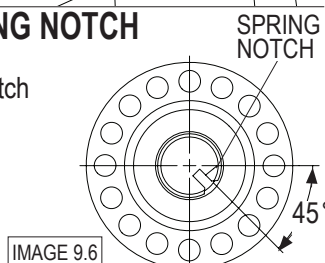
STEP 5: MOUNT LEFT PIVOT ARM

- On the left side, using the disassembled left pivot arm (1), center and clamp the pivot base (3) onto the marked pivot point near the top rail.
- Use the holes in the pivot base as a guide to mark and drill two 1/2-inch holes into the rail. Make sure the holes are parallel with the top of the rail body.
- Fasten the pivot base to the rail with 1-1/2" bolts (D), 1/2" washers (DD) and 1/2" nuts (U).



STEP 6: POSITION SPRING NOTCH

- Unfasten 3/8" nuts (T) and position the pivot spring notch counter-clockwise 45°.
- Reassemble the left pivot arm (1).

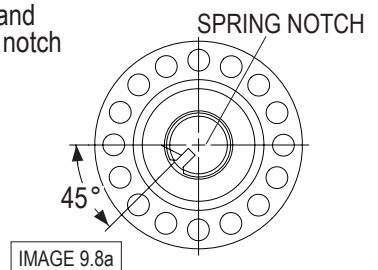


STEP 7: MOUNT RIGHT PIVOT ARM

- On the right side, using the disassembled right pivot arm (2), center and clamp the pivot base (3) onto the marked pivot point near the top rail.
- Follow Steps 3b and 3c, and refer to Image 9.5.

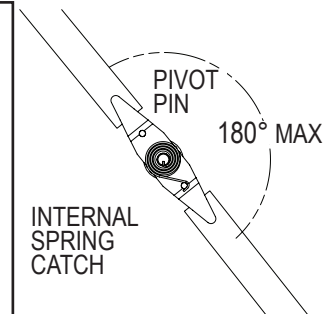
STEP 8: POSITION SPRING NOTCH

- Unfasten 3/8" nuts (T) and position the pivot spring notch clockwise 45°.
- Reassemble the right pivot arm (2).



NOTE: After installing the spring and arms, ensure the open tarp position does not allow the springs to exceed a 180° rotation, which can cause premature fatigue and reduce the lifespan of the spring.

NOTE: While installing the arm, the spring will catch. From this point, rotate the spring to a maximum of 180°. The pivot pin must be rotated counter-clockwise on the left side and clockwise on the right side so the spring load does not exceed more than 180°. If more load is applied, spring damage may occur.



Continue: Arm & Tarp Installation - page 24

ARM PARTS & HARDWARE

Item	Part #	Description
1.	1800123	Pivot Arm Assembly - Left Side
2.	1800124	Pivot Arm Assembly - Right Side
3.	1801758	Galvanized Rear Cross Bar
4.	1801759	Galvanized Bent Arm - Left Side
5.	1801760	Galvanized Bent Arm - Right Side
H.	1705983	Cap Screw 1/4" - 1-3/4"
V.	1800699	Hex Lock Nut - 1/4"
AA.	1800784	Flat Washer - 1/4"

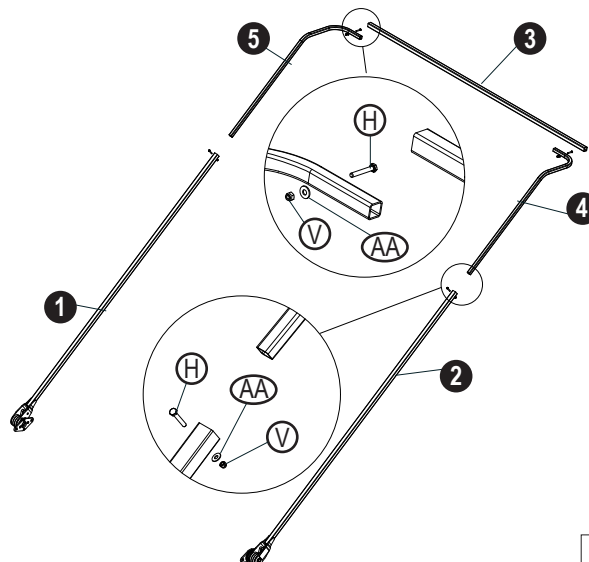


IMAGE 10.0

Arm & Tarp Installation

STEP 1: IDENTIFY ARM ORIENTATION

Identify which orientation works best for your application.

Option 1: Arm Bend Down

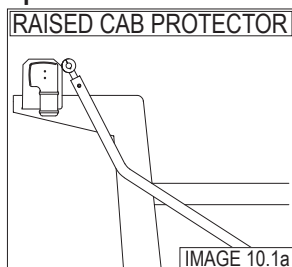


IMAGE 10.1a

Option 2: Arm Bend Up

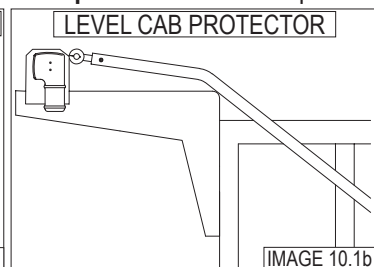


IMAGE 10.1b

Option 2: Arm Bend Up

- On the left side, slide the rear cross bar (3) into the right bent arm (5) see Image 10.2b.
- Slide the other end of the right bent arm into the left pivot arm (1).
- On the right side, slide the rear cross bar into the left bent arm (4).
- Slide the other end of the left bent arm into the right pivot arm (2).

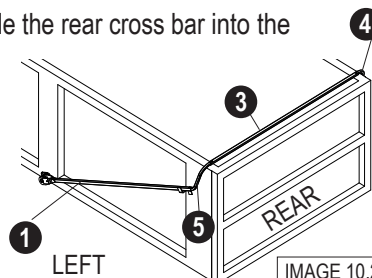


IMAGE 10.2b

STEP 2: PLACE ARMS (2 Options)

Option 1: Arm Bend Down

- On the left side, slide the rear cross bar (3) into the left bent arm (4) see Image 10.2a.
- Slide the other end of the left bent arm into the mounted left pivot arm (1).
- On the right side, slide the rear cross bar into the right bent arm (5).
- Slide the other end of the right bent arm into the mounted right pivot arm (2).

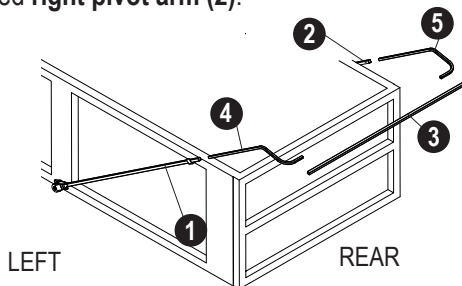


IMAGE 10.2a

STEP 3: ADJUST ARMS

- Measure the inside width between the top of the two pivot arms (1), (2); this distance is labeled as X in Image 10.3.
- Adjust the bent arms and rear cross bar until the rear cross bar measures 8 inches less than the inside width of the arms.
- If needed, cut pieces to proper lengths.

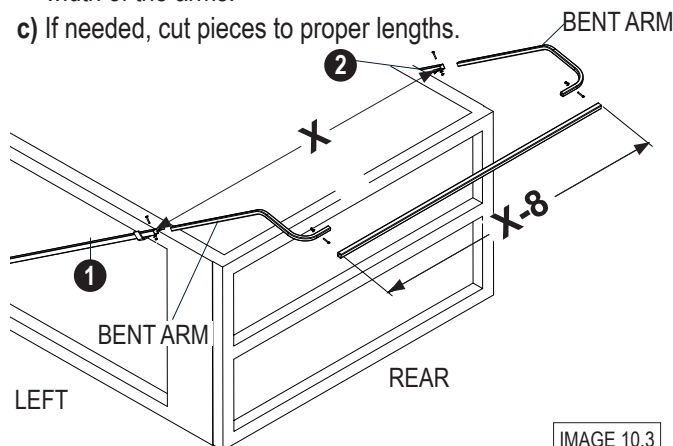
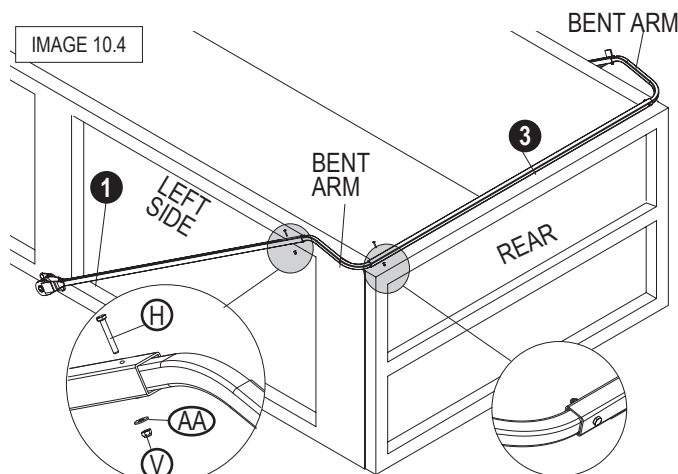


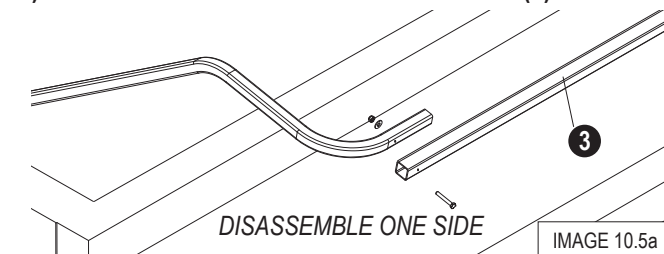
IMAGE 10.3

STEP 4: FASTEN ARMS

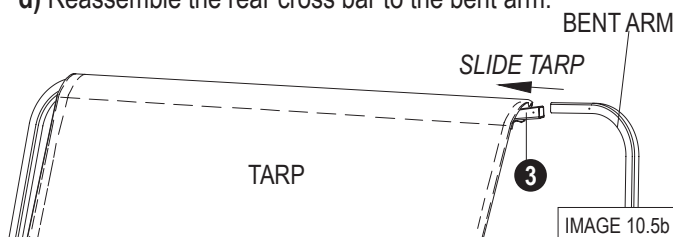
- On the left, use a .266 (H) drill bit to drill a hole near the end of the **left pivot arm (1)** and through the **bent arm**.
- Fasten with **screw (H)**, **washer (AA)** and **nut (V)**, see Image 10.4.
- On the right, fasten the other bent arm to **right pivot arm (2)** as directed in Step 4a and 4b.
- Drill two holes with the .266 (H) drill bit near each end of the **rear cross bar (3)** and through **bent arms (4)** and **(5)**.
- Fasten with **screws (H)**, **washers (AA)** and **nuts (V)**.

**STEP 5: INSTALL TARP ON ARM**

- Disassemble one side of the **rear cross bar (3)**.



- Locate the empty sleeve in the rear end of the tarp.
- Position one corner of the tarp onto the **rear cross bar (3)**, and guide it onto the bar from one end to the other.
- Reassemble the rear cross bar to the bent arm.

**STEP 6: PREPARE TARP FOR AXLE INSTALL**

- Spread the tarp out with the front edge across the axle and centered with the box (the cab guard may be off-center).
- Straighten the tarp by starting at the center and working towards the edges, pulling the tarp tight.

STEP 7: INSTALL TARP ON AXLE (3 Options)

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

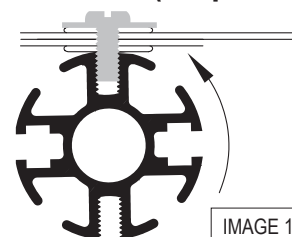


IMAGE 10.7

Option 1 (Recommended):

- Thread the front of the tarp with the plastic rod into the slot in the center of the axle.
- Trim the ends of the rod to fit the tarp.

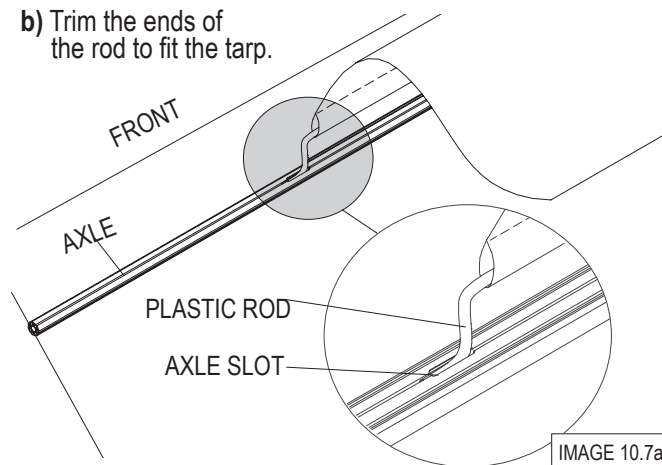


IMAGE 10.7a

Option 2:

Fasten the screws through the washers and grommets (hardware not included) into the threaded groove.

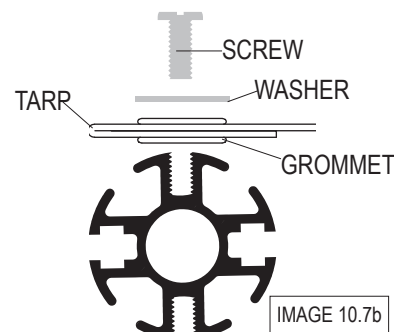


IMAGE 10.7b

Option 3:

Install nuts into the axle groove, fasten screws through washers, grommets and nuts (hardware not included).

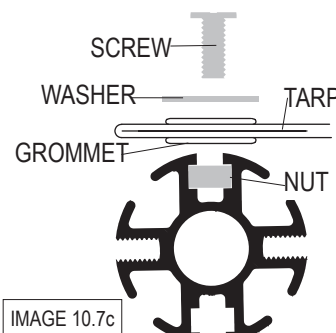


IMAGE 10.7c

Standard installation of the 5000X Tarp System is complete.

5000XEL Options: Rotary Switch Wiring - page 26

Rocker Switch Wiring - page 28

Item	Part #	Description
1.	1800516	Rotary Switch Bracket
2.	1110551	Heavy-Duty Rotary Switch
3.	1800536	Circuit Breaker - 40 Amp
4.	1800028	Dual-Conductor Wire - 8 Ga. - 60'
5.	1801486	Ring Terminal - 8 Ga. x 3/8" Stud - Battery
6.	1800430	Ring Terminal - 8 Ga. x 1/4" Stud
L.	1800802	Sheet Metal Screw - #10 x 1"
N.	1800771	Hex Bolt - 1/4" x 5/8"
V.	1800699	Hex Lock Nut - 1/4"
AA.	1800784	Flat Washer - 1/4"

ROTARY SWITCH KIT PARTS & HARDWARE

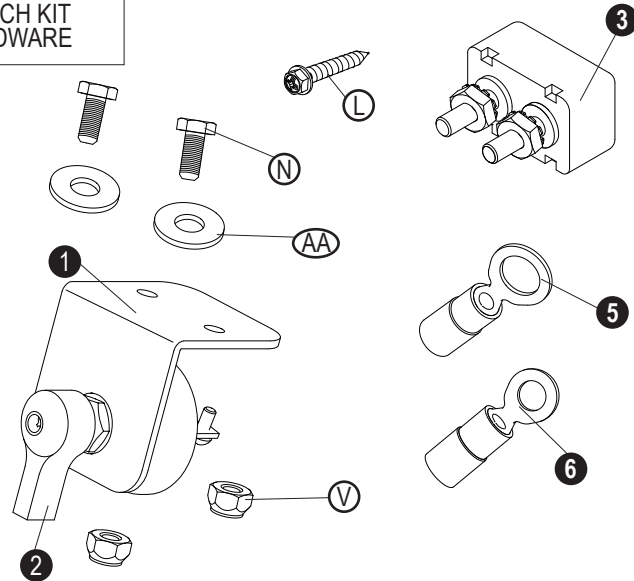


IMAGE 11.0



CAUTION

Use a knife to separate wire strands, ensuring the wire insulation remains intact. Avoid pulling apart dual conductor wires to create single strands as this may damage the insulation, leading to potential shorts in the wire, which could result in equipment damage and personal injury.

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

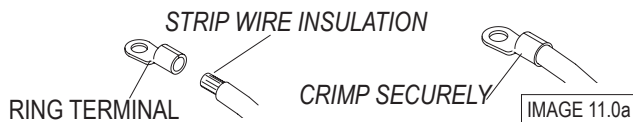


IMAGE 11.0a



WARNING

Ensure the vehicle is turned off, and disconnect the battery before beginning any electrical work to avoid the risk of electric shock.

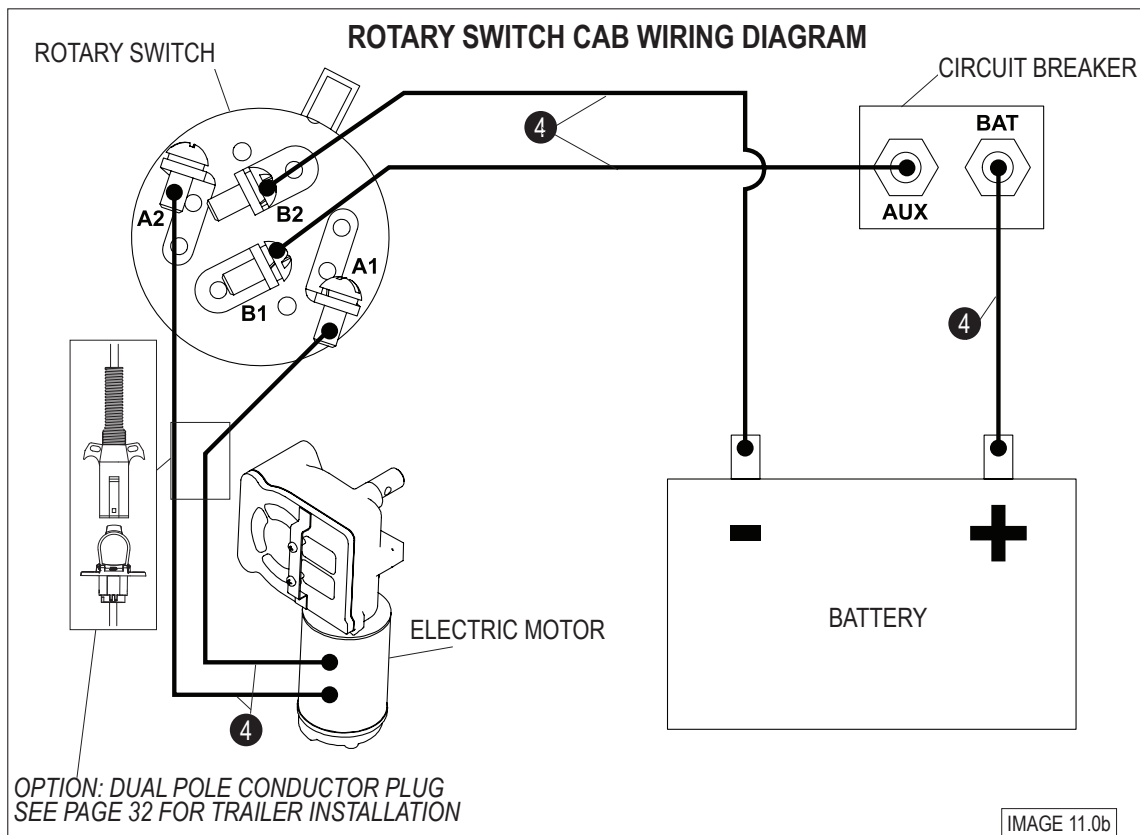


IMAGE 11.0b

Rotary Switch Installation - Cab Wiring

NOTE: New electric motor kits include dual-conductor wire. If using an older motor kit, use the existing wire on the truck.

NOTE: Mount the circuit breaker (3) as close to the battery as possible, to prevent a potential short in the wire.

STEP 1: MOUNT ROTARY SWITCH

NOTE: Mount the rotary switch inside the cab in a location that will protect the electrical connections from causing a short.

- Mount the **rotary switch (2)** in a dry location inside the cab.
- Drill two 3/16-inch holes.
- Fasten with two **bolts (N)**, two **washers (AA)** and two **lock nuts (V)**.

STEP 2: WIRE MOTOR TO ROTARY SWITCH

- Cut one length of dual-conductor wire, long enough to run from the **rotary switch (2)** to the electric motor.
- Separate and strip the wire ends before crimping a **1/4-inch ring terminal (6)** onto all four ends.
- On the bottom of the motor, remove the existing hardware from both posts. Attach one end of the dual-conductor wire, using two ring terminals, to the posts and replace the hardware.
- On the rotary switch, locate the posts marked as A1 and A2. Using the opposite end of the wire, attach the two ring terminals to the posts.

STEP 3: PREPARE WIRE

- Cut one length of **dual-conductor wire (4)**, long enough to run from the **circuit breaker (3)** to the positive + battery terminal.
- Using a knife, separate the dual-conductor wire to make two single conductor strands and discard one of the strands.
- Using the retained strand, crimp one end with a **3/8-inch ring terminal (5)** and the other end with a **1/4-inch ring terminal (6)**.

STEP 4: WIRE BATTERY TO CIRCUIT BREAKER

- Locate the positive + post on the battery and loosen or remove the clamp nut. Attach the wire end with the **3/8-inch ring terminal (5)** to the post and secure the clamp nut.
- Locate the terminal post marked BAT on the **circuit breaker (3)** and remove the hardware. Attach the **1/4-inch ring terminal (6)** wire end and replace the hardware.

STEP 5: PREPARE WIRE

- Cut one length of dual-conductor wire, long enough to run from the **rotary switch (2)** to the **circuit breaker (3)** and the negative battery terminal.
- On one end, separate and strip the ends of both wires before crimping **1/4-inch ring terminals (7)** onto each wire.
- On the opposite end, separate and strip the wire ends. Crimp a **3/8-inch ring terminal (6)** onto the black negative wire, marking this end for connection to the battery.
- Crimp a **1/4-inch ring terminal (7)** to the other wire.

STEP 6: WIRE SWITCH TO CIRCUIT BREAKER

- Locate the terminal post marked AUX on the **circuit breaker (3)** and remove the hardware.
- Attach the **1/4-inch ring terminal (6)** connected to the red positive wire, and replace the hardware.
- Locate the post marked as B1 on the **rotary switch (2)** and attach the other end of the wire using the **1/4-inch ring terminal**.

STEP 7: WIRE SWITCH TO BATTERY

- Locate the post marked as B2 on the rotary switch and attach the **1/4-inch ring terminal (6)** connected to the black negative wire.
- Locate the negative post on the battery and loosen or remove the clamp nut.
- Connect the **3/8-inch ring terminal (5)** to the negative battery post and secure the clamp nut.

STEP 8: TEST OPERATION

Operate the rotary switch to verify that the tarp direction matches the label on the rotary bracket.

If the switch causes the system to operate in reverse according to the "Tarp In" and "Tarp Out" switch label, exchange the two wires connected to the motor by attaching them to the opposite posts.

Electric Motor Option:

Dual Pole Conductor Plug - Trailer Wiring - page 32

ROCKER SWITCH

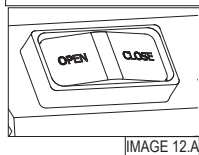


IMAGE 12.A

Item	Part #	Description
1.	1703845	Motor-Reversing Solenoid 12V
2.	1800602	Rocker Switch
3.	1809061	3-Conductor Durabilt™ Cable Assembly Not pictured
4.	1703896	Solenoid Cover
5.	1800440	Rocker Switch Bracket
6.	1801486	Ring Terminal - 8 Ga. x 3/8" Stud - Battery
7.	1800430	Ring Terminal - 8 Ga. x 1/4" Stud
8.	1800441	Butt Connector - 18-22 Ga.
9.	1800575	Circuit Breaker - 40 Amp - Marine Grade
10.	1800028	Dual-Conductor Wire - 8 Ga. - 60' Not pictured
L.	1800802	Sheet Metal Screw - #10 x 1"
M.	1704905	Hex Flange Cap Screw - #10 x 1"
W.	1808844	Nylon Lock Nut - #10

**WARNING**

Ensure the vehicle is turned off, and disconnect the battery before beginning any electrical work to avoid the risk of electric shock.

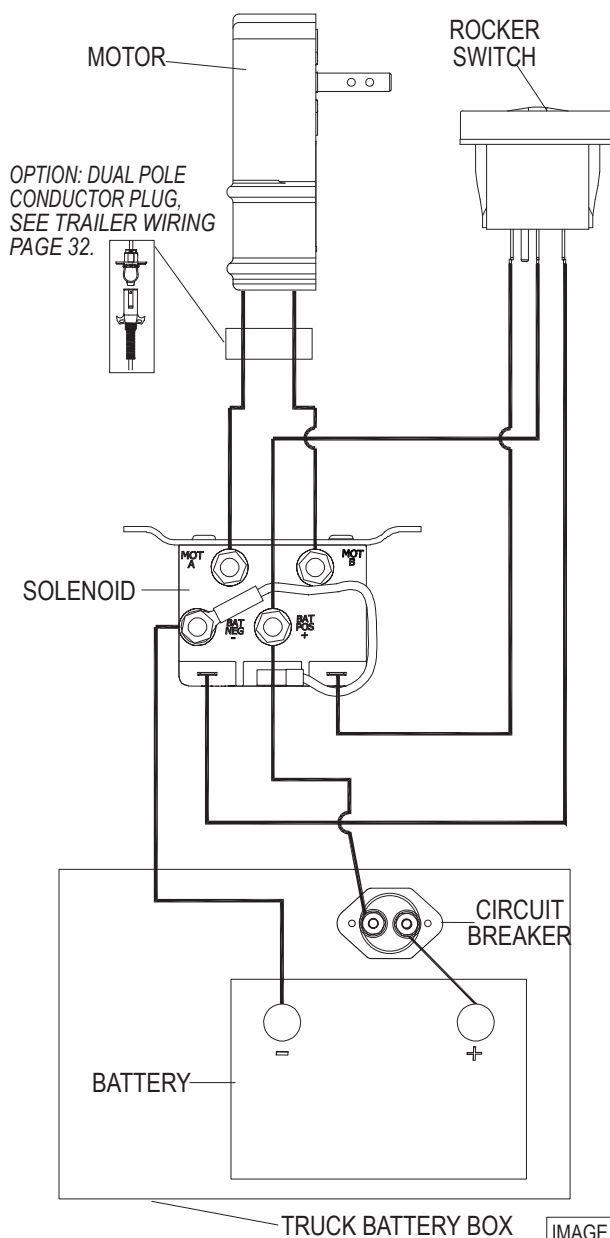
ROCKER SWITCH CAB WIRING DIAGRAM

IMAGE 12.0b

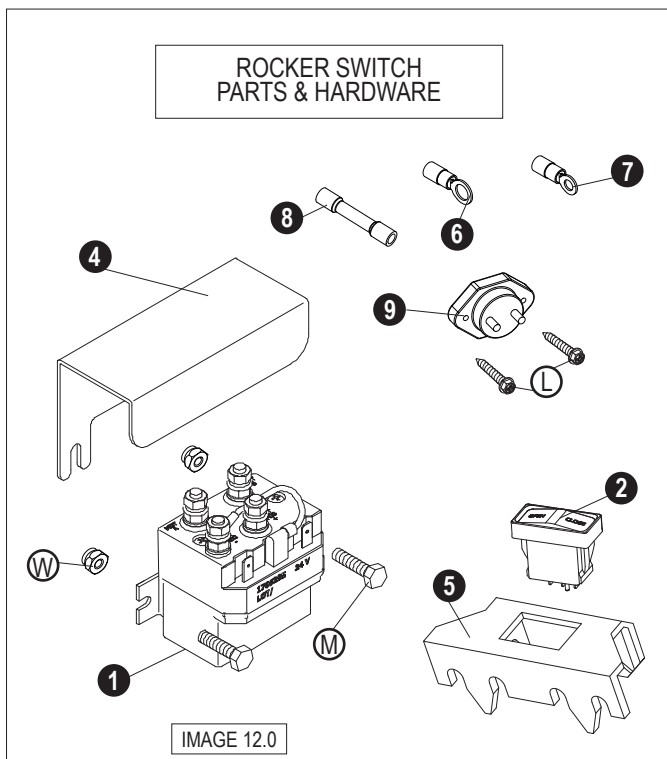
ROCKER SWITCH PARTS & HARDWARE

IMAGE 12.0

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

STRIP WIRE INSULATION



RING TERMINAL

CRIMP SECURELY



IMAGE 12.0a

NOTE: Do not use less than 8-Ga. wire for motor and battery connections.

NOTE: New electric motor kits include dual-conductor wire. If using an older motor kit, use the existing wire on the truck.



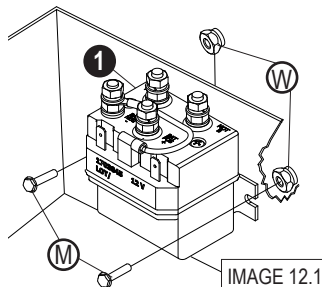
CAUTION

Do not spray electronic components with pressure washers or hoses.

Rocker Switch Installation - Cab Wiring

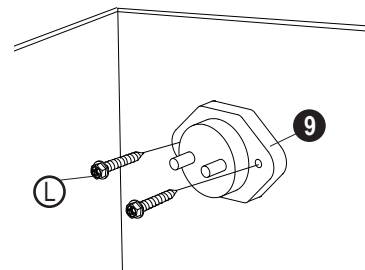
STEP 1: MOUNT SOLENOID

- Mount the **solenoid (1)** in a dry location, such as a battery box.
- Drill two 5/16-inch holes.
- Loosely fasten with two **bolts (M)** and two **lock nuts (W)**; do not tighten the fasteners at this time.



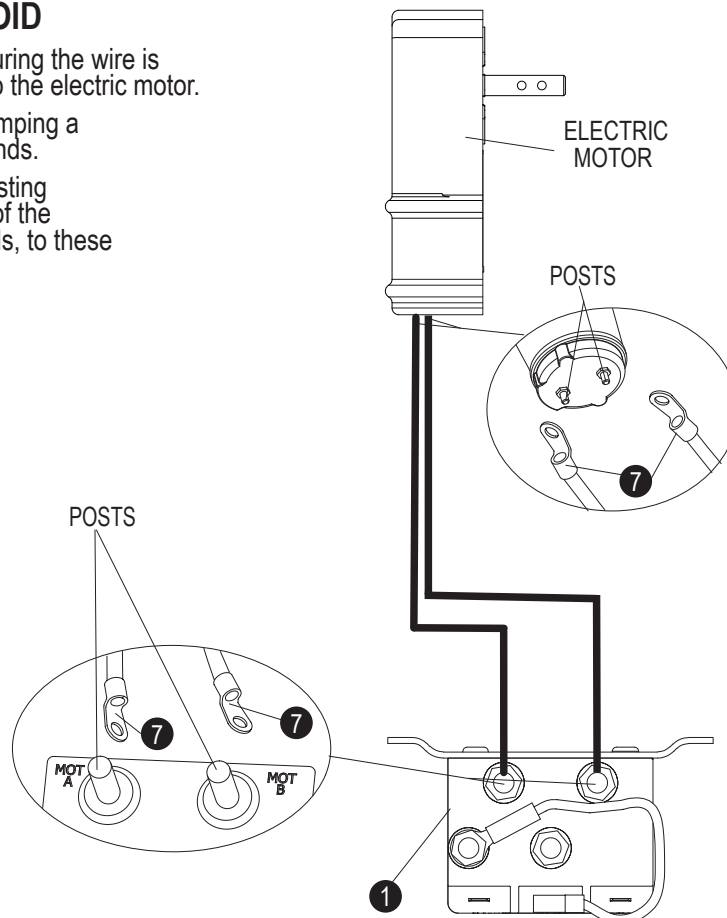
STEP 2: MOUNT CIRCUIT BREAKER

Fasten the **circuit breaker (9)** to the inside wall of the truck's battery box with two **screws (L)**.



STEP 3: WIRE MOTOR TO SOLENOID

- Cut one length of dual-conductor wire, ensuring the wire is long enough to run from the **solenoid (1)** to the electric motor.
- Separate and strip the wire ends before crimping a **1/4-inch ring terminal (7)** to all four wire ends.
- On the bottom of the motor, remove the existing hardware from both posts. Attach one end of the dual-conductor wire, using two ring terminals, to these posts and replace the hardware.
- Locate the two posts marked as A and B on the solenoid. Remove the existing hardware, connect the loose end of the wire using the two ring terminals to these posts, and then replace the hardware.





CAUTION

Use a knife to separate wire strands, ensuring the wire insulation remains intact. Avoid pulling apart dual conductor wires to create single strands as this may damage the insulation, leading to potential shorts in the wire, which could result in equipment damage and personal injury.

STEP 4: WIRE BATTERY TO CIRCUIT BREAKER

- Cut a single length of dual-conductor wire, long enough to run from the positive + battery terminal to the circuit breaker.
- Using a knife, separate the wire to make two single conductor strands and discard one of the strands.
- Using the retained strand, crimp one end with a **3/8-inch ring terminal (6)** and the other end with a **1/4-inch ring terminal (7)**.
- Locate the positive + post on the battery and loosen or remove the clamp nut. Attach the wire end with the 3/8-inch ring terminal to the post and secure the clamp nut.
- Locate the vacant post on the circuit breaker, remove the nut, attach the wire end with the 1/4-inch ring terminal, and replace the nut.

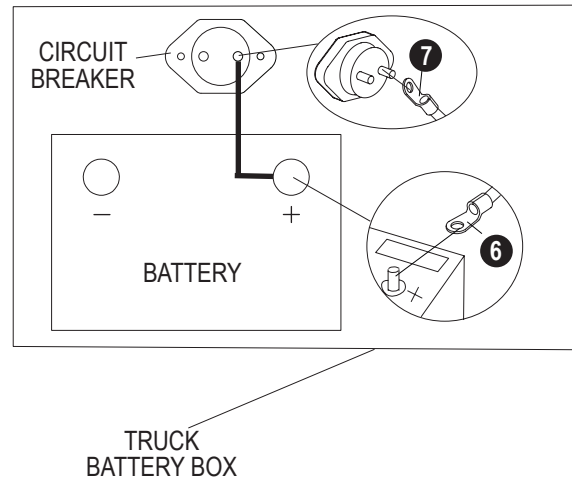


IMAGE 12.4

STEP 5: PREPARE WIRE

- Cut one additional length of dual-conductor wire, long enough to run from the solenoid to the battery and circuit breaker.
- On one end, separate and strip the ends of both wires before crimping **1/4-inch ring terminals (7)** onto each wire.
- On the opposite end, separate and strip the wire ends. Crimp a **3/8-inch ring terminal (6)** onto the black negative wire, marking or labeling this end for connection to the battery.
- Crimp a **1/4-inch ring terminal (7)** to the end of the other wire.

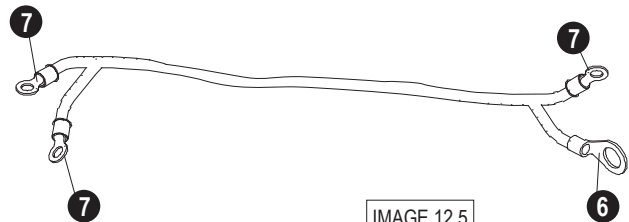


IMAGE 12.5

STEP 6: RUN WIRE FROM SOLENOID

- Locate the negative post on the battery (black negative wire), loosen or remove the clamp nut, connect the **3/8-inch ring terminal (6)**, (noted in Step 5), and secure it with the clamp nut.
- Locate the solenoid post marked **BAT NEG -**, remove the existing hardware, attach the **1/4-inch ring terminal (7)**, and replace the hardware.
- Using the other end of the wire, locate the solenoid post marked **BAT POS +**, remove the existing hardware, attach the **1/4-inch ring terminal (7)**, and replace the hardware.
- Locate one of the posts on the circuit breaker (red positive wire), remove the hardware, attach the loose end of the second wire, and then replace the hardware.

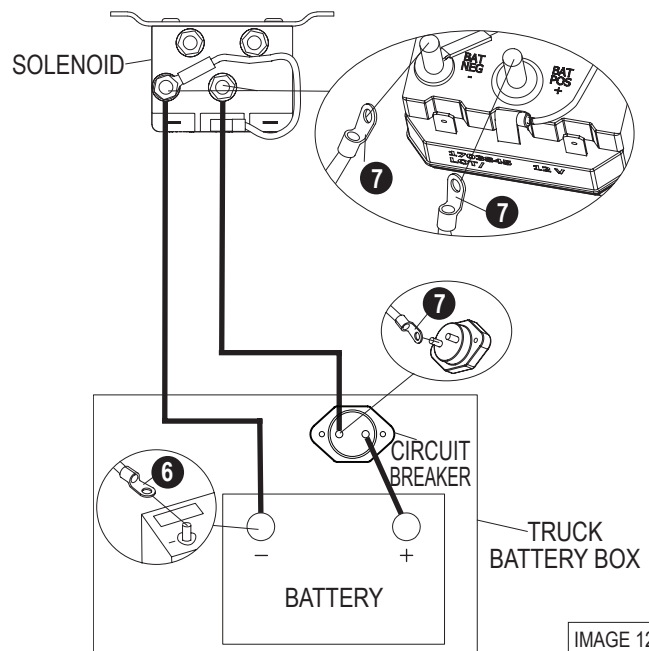


IMAGE 12.6

STEP 7: MOUNT ROCKER SWITCH

Choose one method below to install the rocker switch:

- Insert the **rocker switch (2)** into an existing cut-out in the truck cab's dashboard.
- Cut a 1-1/2-inch x 1-3/16-inch hole in the dashboard of cab and install the rocker switch.
- Mount the **rocker switch bracket (5)** in a suitable location in the cab of the truck and fasten with **screws (M)** and **nuts (W)**.
Install the rocker switch into the bracket.

STEP 8: WIRE SOLENOID

- Locate the end of the three-conductor **cable assembly wire (3)** with two quick-disconnects and one ring terminal.
- Connect the two quick-disconnects to the two blade terminals on the front of the solenoid.
- Locate the BAT + post on the **solenoid (1)** and remove the hardware.
- Using the same wire end, locate the attached ring terminal on the black wire. Securely attach the ring terminal and replace the hardware.

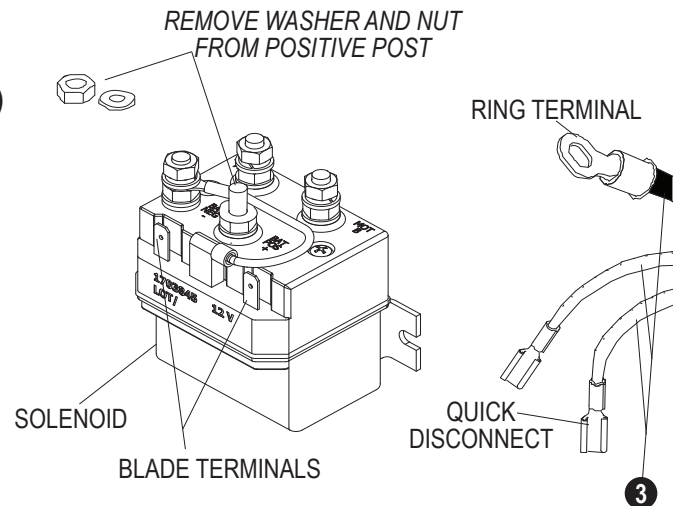


IMAGE 12.8

STEP 9: WIRE ROCKER SWITCH TO SOLENOID

- Run the **3-conductor cable assembly wire (3)** attached to the **solenoid (1)** to the **rocker switch (2)**.
- With the unattached cable end, identify the same black wire that corresponds to the one attached to the BAT + post of the solenoid. Connect this wire with the attached quick-disconnect to the center blade on the back of the rocker switch.
- Locate the other two vacant wires attached to the 3-conductor cable assembly. Using the two quick-disconnect ends, attach each one to an open blade terminal on the rocker switch.

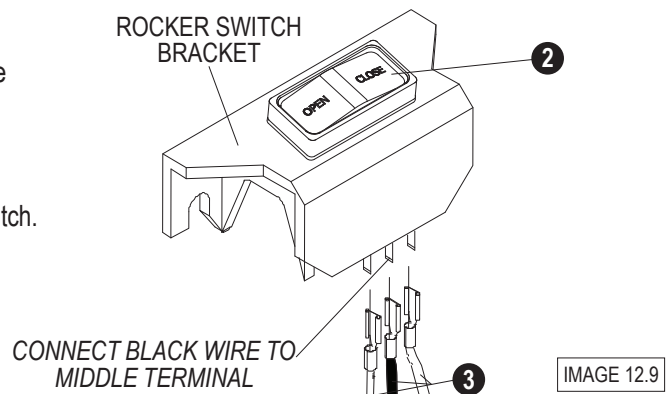


IMAGE 12.9

NOTE: Kit includes three extra butt connectors (10) so excess wire can be cut and spliced rather than coiled.

STEP 10: PLACE SOLENOID COVER

- Slide the **solenoid cover (4)** under the **bolt heads (12)** that are holding the solenoid in place.
- Tighten the bolts to hold the cover in place.

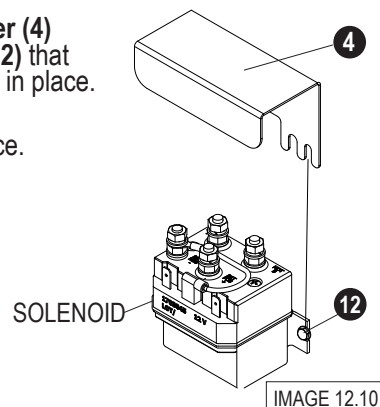


IMAGE 12.10

STEP 11: TEST OPERATION

Operate the rocker switch to verify that the tarp direction matches the label on the rocker.

If the direction does not match the label, exchange the two wires connected to the two blade terminals on the front of the solenoid.

IF TARP DIRECTION IS INCORRECT, SWITCH QUICK DISCONNECTS

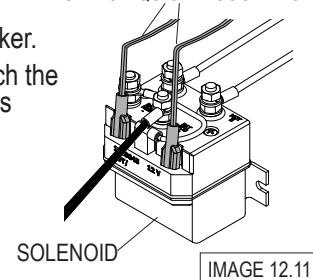
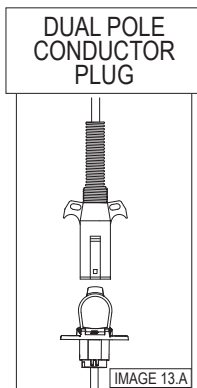


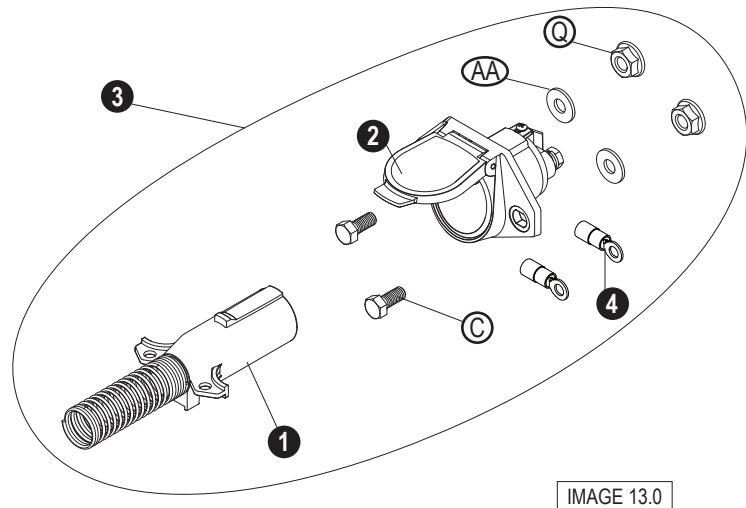
IMAGE 12.11

Electric Motor Option:

Dual Pole Conductor Plug - Cab Wiring - page 32

ROCKER SWITCH
PARTS & HARDWARE

Item	Part #	Description
1.	1704715	Heavy-Duty Dual- Conductor Plug - Horizontal Pin
2.	1704714	Heavy-Duty Dual- Conductor Socket - Horizontal Pin
3.	1801377	Dual Pole Conductor Plug Kit
4.	1800430	Ring Terminal - 8 Ga. x 1/4" Stud
C.	1804907	Hex Bolt - 5/16" x 3/4"
Q.	1704946	Top Lock Flange Nut - 5/16"
AA.	1800784	Flat Washer - 1/4"



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

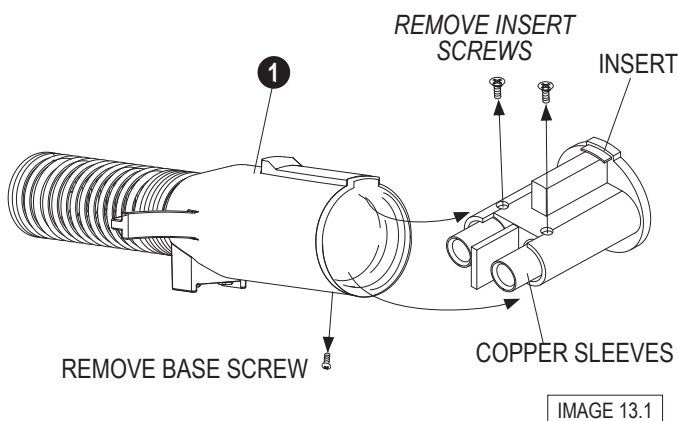
STRIP WIRE INSULATION



Dual Pole Conductor Plug Installation - Trailer Wiring

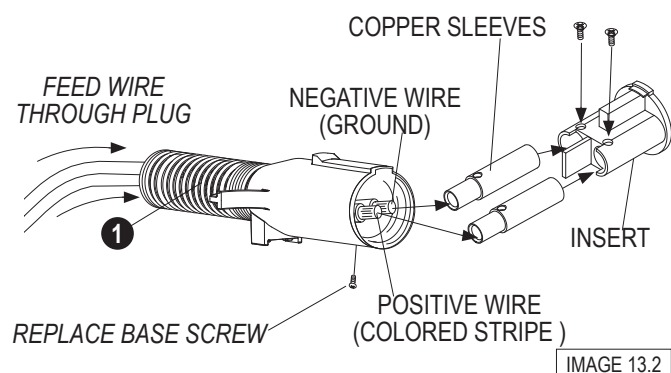
STEP 1: DISASSEMBLE CONDUCTOR PLUG

- Unfasten the **base screw** on the bottom of the **conductor plug (1)** and remove the **insert**, as illustrated in Image 13.1.
- Remove the two **insert screws** from the top of the insert and pull out the **copper sleeves**.



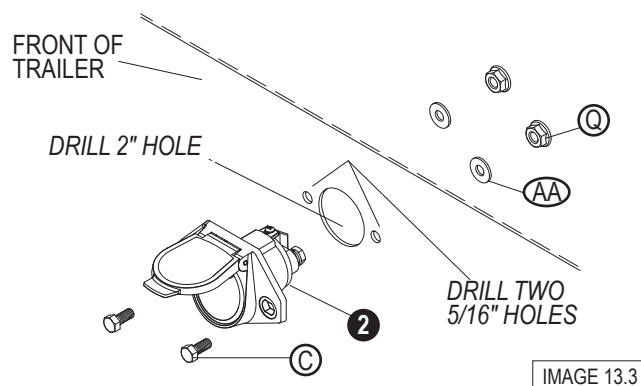
STEP 2: PREPARE WIRE CONNECTION

- Feed the dual conductor wire through the conductor plug and position one wire strand into each **copper sleeve**.
- Follow industry-recognized soldering standards for securing the electrical wires into the copper sleeves.
- Replace the two copper sleeves inside the **insert**, aligning the positive wire with the positive insert slot, and then secure the two insert screws.
- Replace the insert inside the **conductor plug (1)** and secure the **base screw**.



STEP 3: MOUNT CONDUCTOR SOCKET

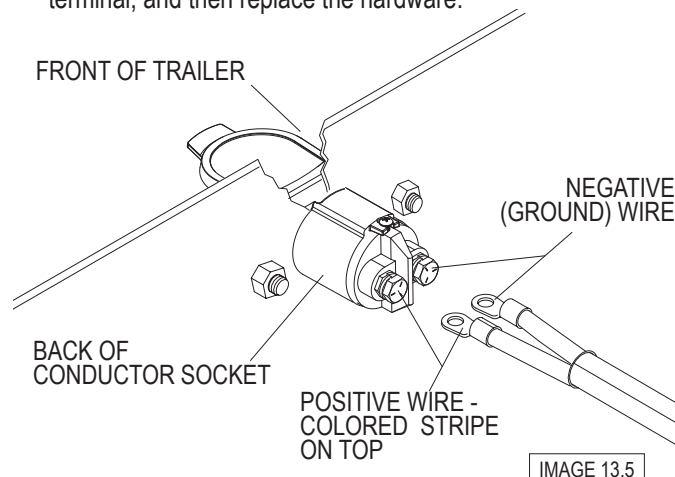
- Locate a suitable location to mount the **conductor socket (2)** on the front of the trailer, usually near existing plugs.
- Mark and drill a 2-inch hole.
- Place the conductor socket into the newly drilled hole. Use the socket as a guide to mark and drill two 5/16-inch holes.
- Fasten the conductor socket with **bolts (C)**, **washers (AA)**, and **nuts (Q)**.

**STEP 4: PREPARE TWO WIRES**

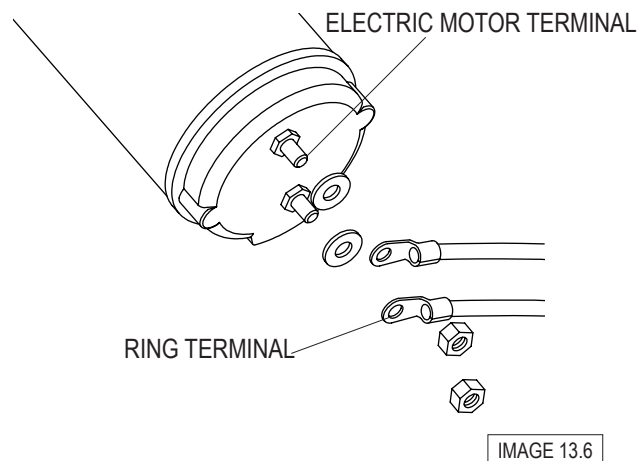
- Cut one additional length of dual-conductor wire, long enough to run from the electric motor to the **conductor socket (2)**.
- Separate and strip the wire ends before crimping a **1/4-inch ring terminal (4)** to all four wire ends.

STEP 5: WIRE CONDUCTOR SOCKET

- Remove the existing hardware from the posts on the back of the **conductor socket (2)**.
- Align the positive wire on the socket with the positive wire on the conductor plug, as illustrated in Image 13.5.
- Connect both wires to the appropriate post using a ring terminal, and then replace the hardware.

**STEP 6: WIRE MOTOR**

- Remove existing hardware from the electric motor terminals.
- Attach the opposite end of the wire using two **1/4-inch ring terminals (4)** and replace the hardware.

**CAUTION**

Ensure all hardware is secure before operating the system. Inspect the complete system at this time and make adjustments as required.

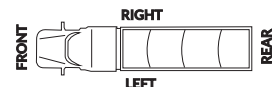
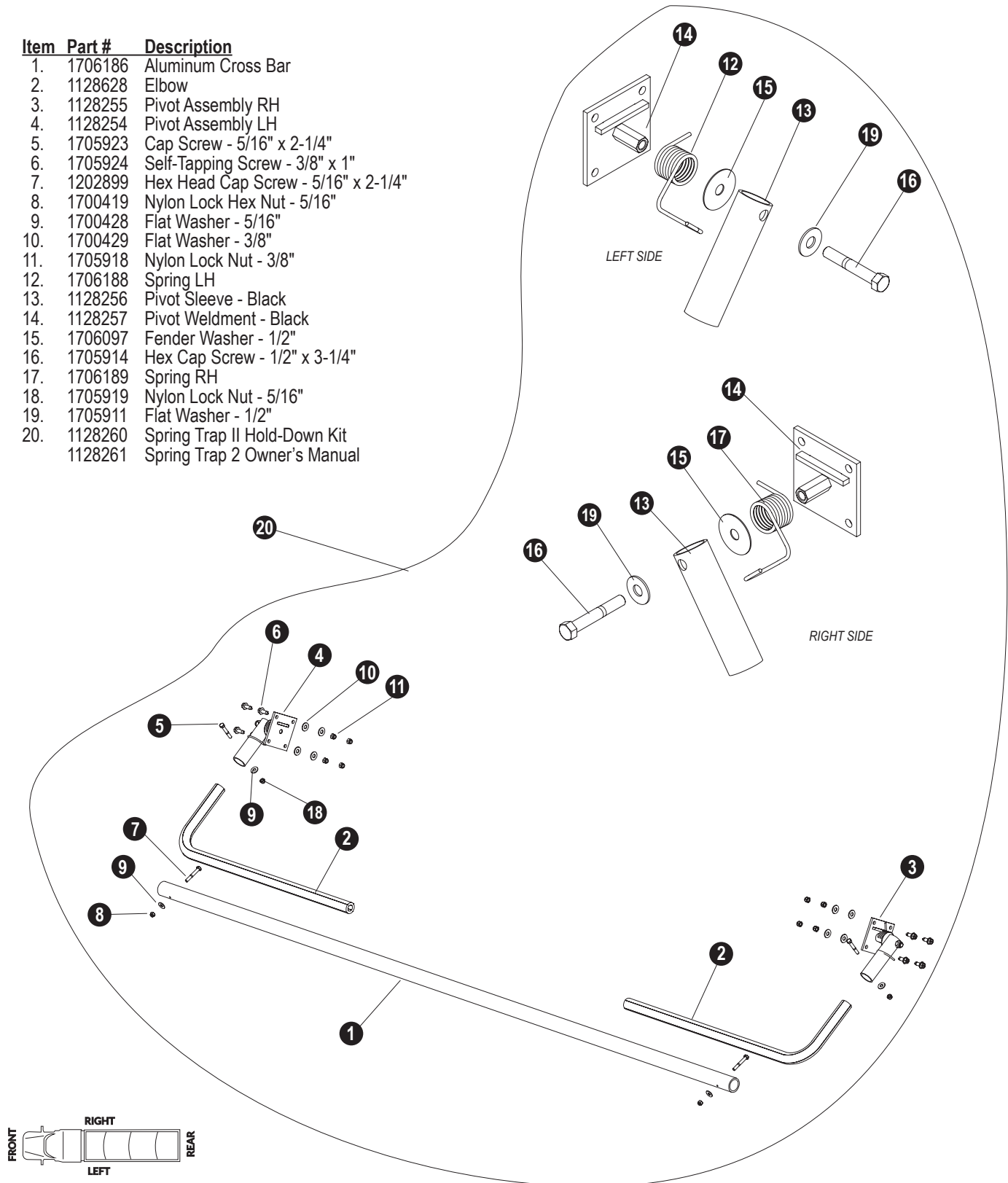
STEP 7: TEST OPERATION

- Check the motor direction by activating the switch. If the operation of the switch does not correspond with the switch label, exchange the two wires connected to the electric motor by moving them to the opposite posts.
- Close tarp: Push switch to "CLOSE" and hold. Observe tarp and release switch when tarp is fully closed.
- Open tarp: Push switch to "OPEN" and hold. Observe tarp and release switch when tarp is fully open.

NOTE: Release switch at the end of a cycle or auto-reset circuit breaker will trip. After breaker resets, switch will activate motor again. To reduce unnecessary strain on tarp components, release switch at end of each cycle.

SPRING TRAP II HOLD DOWN KIT

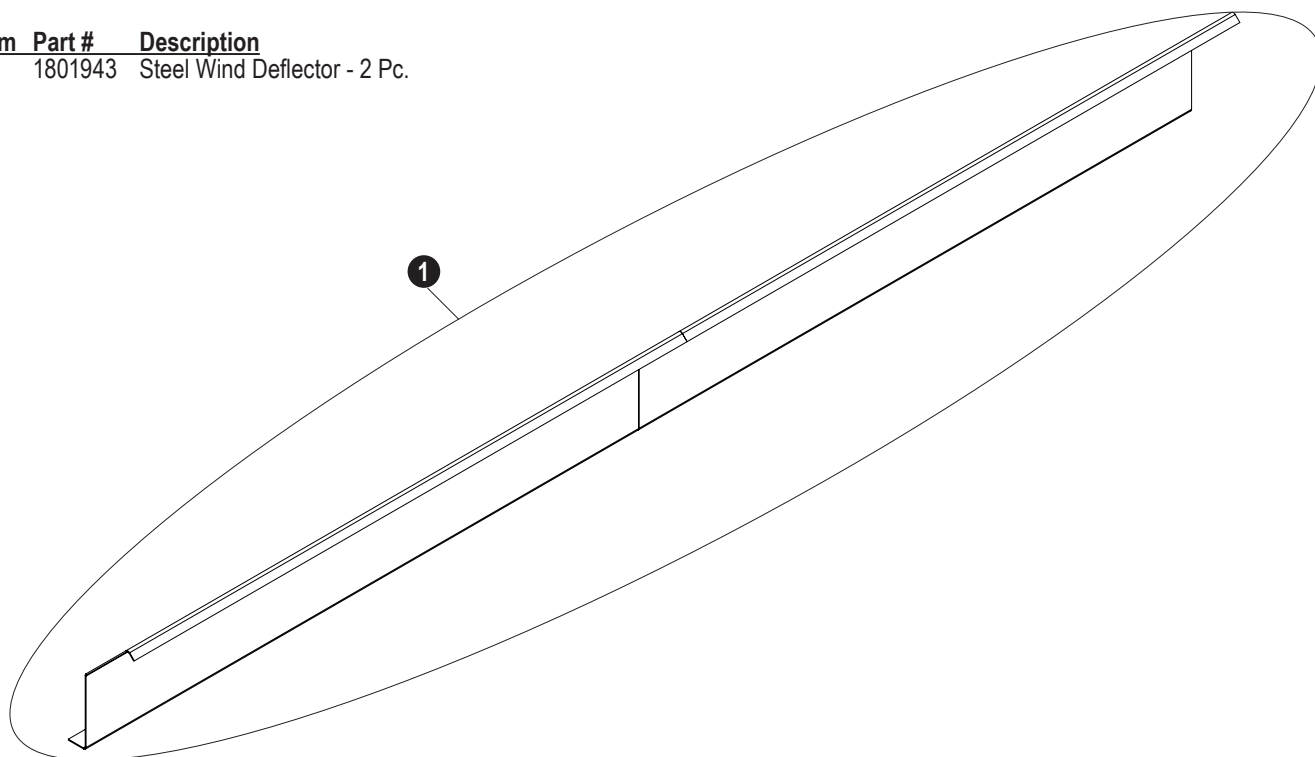
Item	Part #	Description
1.	1706186	Aluminum Cross Bar
2.	1128628	Elbow
3.	1128255	Pivot Assembly RH
4.	1128254	Pivot Assembly LH
5.	1705923	Cap Screw - 5/16" x 2-1/4"
6.	1705924	Self-Tapping Screw - 3/8" x 1"
7.	1202899	Hex Head Cap Screw - 5/16" x 2-1/4"
8.	1700419	Nylon Lock Hex Nut - 5/16"
9.	1700428	Flat Washer - 5/16"
10.	1700429	Flat Washer - 3/8"
11.	1705918	Nylon Lock Nut - 3/8"
12.	1706188	Spring LH
13.	1128256	Pivot Sleeve - Black
14.	1128257	Pivot Weldment - Black
15.	1706097	Fender Washer - 1/2"
16.	1705914	Hex Cap Screw - 1/2" x 3-1/4"
17.	1706189	Spring RH
18.	1705919	Nylon Lock Nut - 5/16"
19.	1705911	Flat Washer - 1/2"
20.	1128260	Spring Trap II Hold-Down Kit
	1128261	Spring Trap 2 Owner's Manual



WIND DEFLECTOR KIT

Item	Part #	Description
------	--------	-------------

- | | | |
|----|---------|------------------------------|
| 1. | 1801943 | Steel Wind Deflector - 2 Pc. |
|----|---------|------------------------------|



STEEL HEAVY-DUTY ARM REST KIT

Item	Part #	Description
------	--------	-------------

- | | | |
|----|---------|-------------------------------|
| 1. | 1802008 | Steel Heavy-Duty Arm Rest Kit |
| 2. | 1801324 | Pivot Arm Rest |
| 3. | 1801012 | Rubber Bumper - Drilled - 4" |
| 4. | 1800989 | Flat Washer - 5/16" |
| 5. | 1800990 | Lock Nut - 5/16" |
| 6. | 1800998 | Bolt - 5/16" |

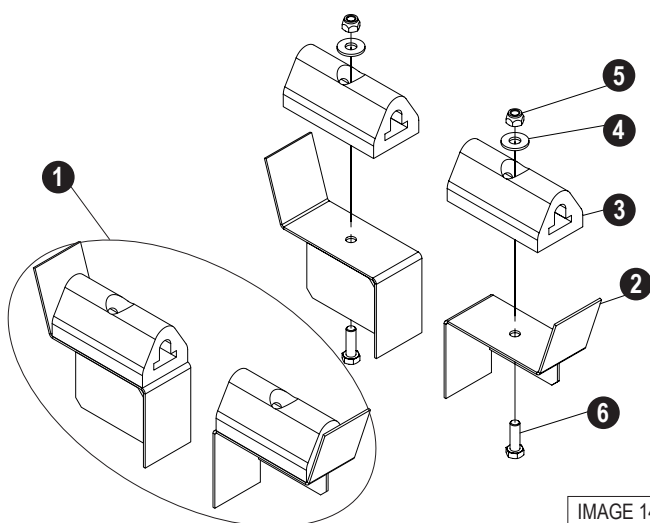
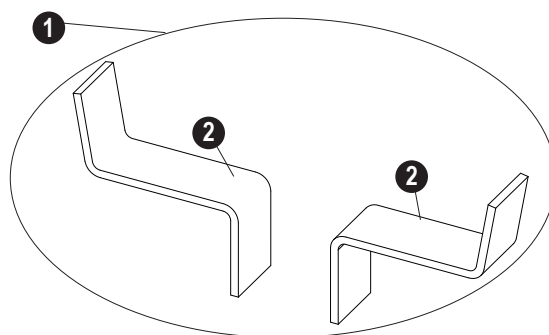


IMAGE 14.2

MEDIUM-DUTY ARM REST KIT

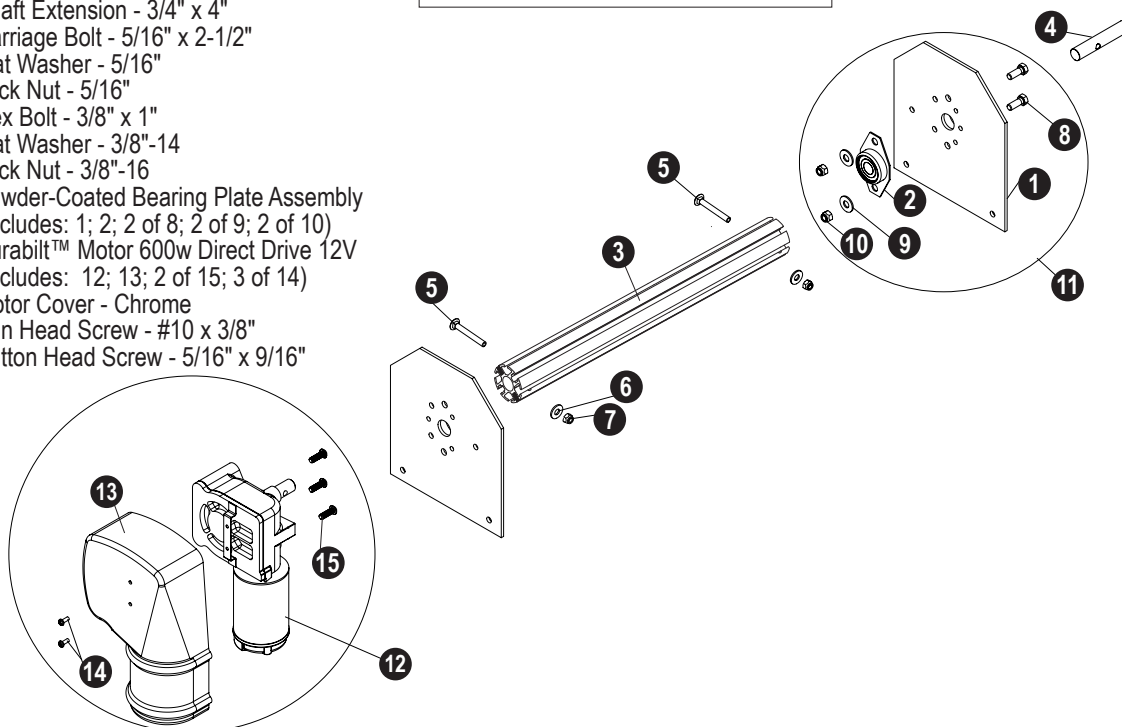
Item	Part #	Description
------	--------	-------------

- | | | |
|----|---------|--------------------------|
| 1. | 1802081 | Medium-Duty Arm Rest Kit |
| 2. | 1800254 | Steel Pivot Arm Rest |



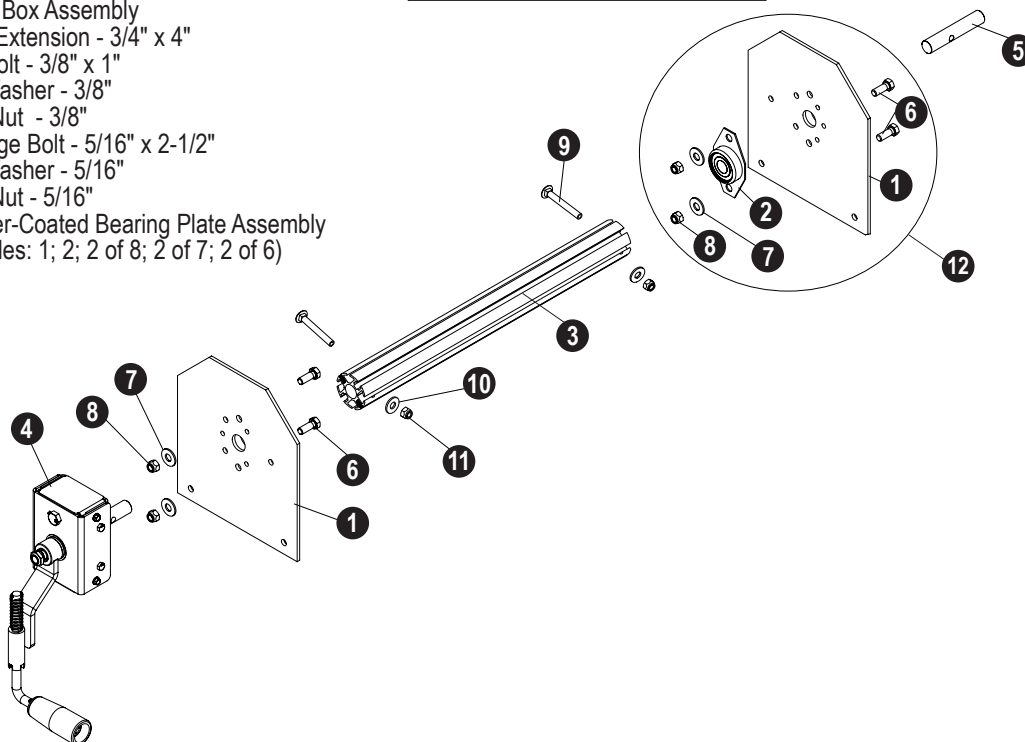
Item	Part #	Description
1.	1809563	Powder-Coated Universal Bearing Plate
2.	1800042	Bearing - 3/4"
3.	1809330	Tarp Spool Axle - 3 Way Attachment - 98"
4.	1800980	Shaft Extension - 3/4" x 4"
5.	1801187	Carriage Bolt - 5/16" x 2-1/2"
6.	1800989	Flat Washer - 5/16"
7.	1800990	Lock Nut - 5/16"
8.	1800795	Hex Bolt - 3/8" x 1"
9.	1800994	Flat Washer - 3/8"-14
10.	1800993	Lock Nut - 3/8"-16
11.	1809564	Powder-Coated Bearing Plate Assembly (Includes: 1; 2; 2 of 8; 2 of 9; 2 of 10)
12.	1802061	Durabilt™ Motor 600w Direct Drive 12V (Includes: 12; 13; 2 of 15; 3 of 14)
13.	1801585	Motor Cover - Chrome
14.		Pan Head Screw - #10 x 3/8"
15.		Button Head Screw - 5/16" x 9/16"

5000XEL ELECTRIC DRIVE SYSTEM: 1803895 OR 1810277



Item	Part #	Description
1.	1809563	Powder-Coated Universal Bearing Plate
2.	1800042	Bearing - 3/4"
3.	1809330	Tarp Spool Axle - 3 Way Attachment - 98"
4.	1810354	Crank Box Assembly
5.	1800980	Shaft Extension - 3/4" x 4"
6.	1800795	Hex Bolt - 3/8" x 1"
7.	1800994	Flat Washer - 3/8"
8.	1800993	Lock Nut - 3/8"
9.	1801187	Carriage Bolt - 5/16" x 2-1/2"
10.	1800989	Flat Washer - 5/16"
11.	1800990	Lock Nut - 5/16"
12.	1809564	Powder-Coated Bearing Plate Assembly (Includes: 1; 2; 2 of 8; 2 of 7; 2 of 6)

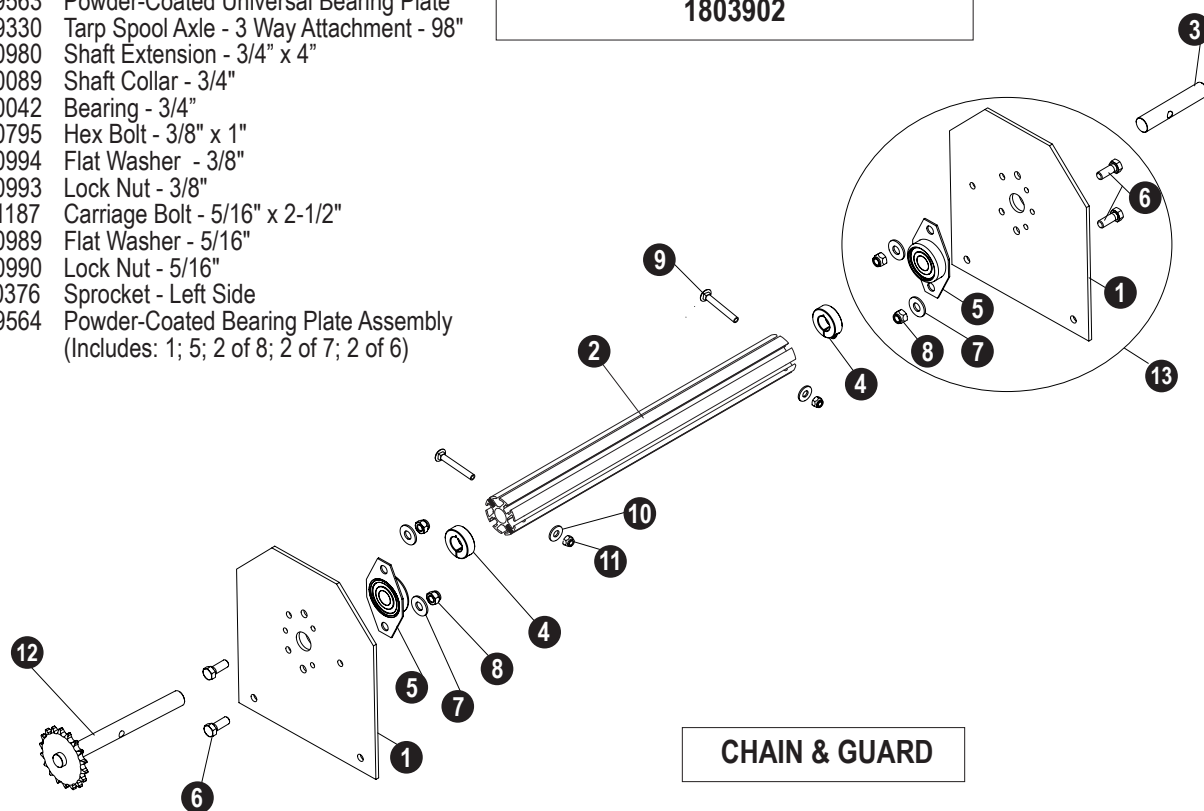
5000XDD DIRECT DRIVE SYSTEM: 1803906



Item	Part #	Description
------	--------	-------------

- | | | |
|-----|---------|--|
| 1. | 1809563 | Powder-Coated Universal Bearing Plate |
| 2. | 1809330 | Tarp Spool Axle - 3 Way Attachment - 98" |
| 3. | 1800980 | Shaft Extension - 3/4" x 4" |
| 4. | 1800089 | Shaft Collar - 3/4" |
| 5. | 1800042 | Bearing - 3/4" |
| 6. | 1800795 | Hex Bolt - 3/8" x 1" |
| 7. | 1800994 | Flat Washer - 3/8" |
| 8. | 1800993 | Lock Nut - 3/8" |
| 9. | 1801187 | Carriage Bolt - 5/16" x 2-1/2" |
| 10. | 1800989 | Flat Washer - 5/16" |
| 11. | 1800990 | Lock Nut - 5/16" |
| 12. | 1120376 | Sprocket - Left Side |
| 13. | 1809564 | Powder-Coated Bearing Plate Assembly
(Includes: 1; 5; 2 of 8; 2 of 7; 2 of 6) |

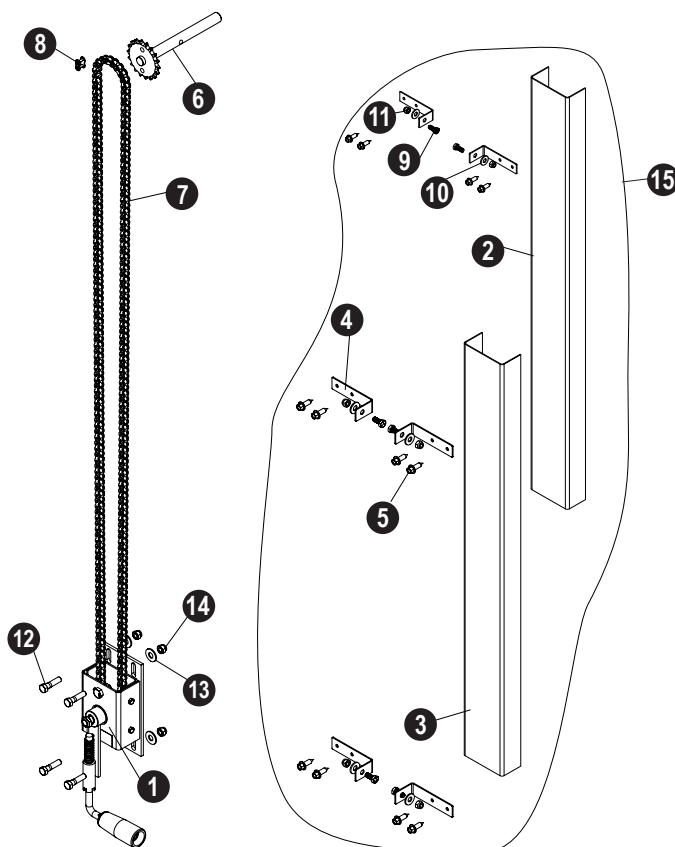
5000XCD CHAIN DRIVE SYSTEM: 1803902



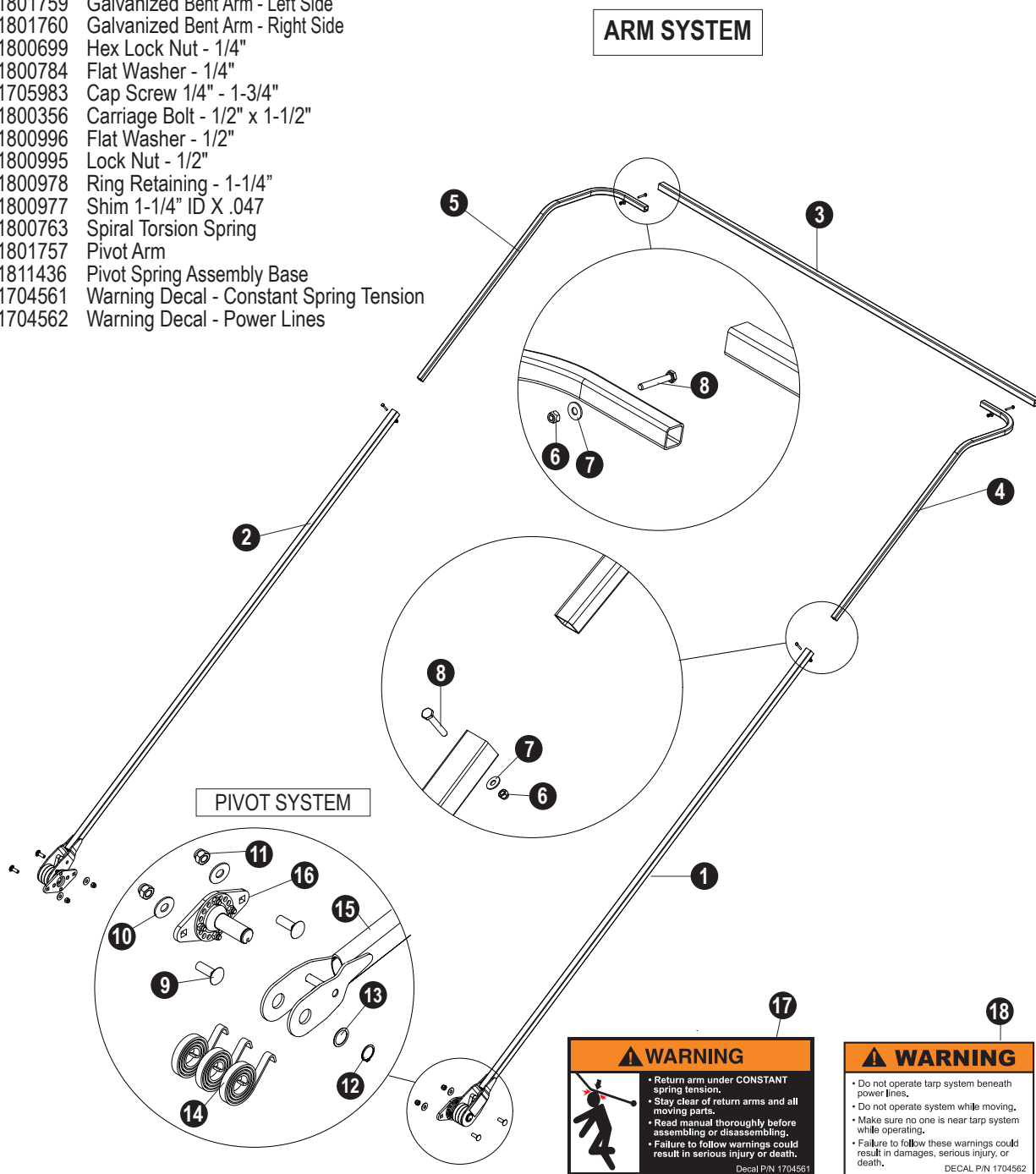
CHAIN & GUARD

Item	Part #	Description
------	--------	-------------

- | | | |
|-----|---------|----------------------------------|
| 1. | 1800088 | Crank Box Assembly - 5000 Series |
| 2. | 1800402 | Upper Guard |
| 3. | 1800403 | Lower Guard |
| 4. | 1800404 | Chain Guard Bracket |
| 5. | 1800802 | Sheet Metal Screw - #10 X 1" |
| 6. | 1120376 | Sprocket - Left Side |
| 7. | 1800188 | Chain #40 x 10' |
| 8. | 1800058 | Chain #40 Master Link |
| 9. | 1804907 | Hex Bolt - 5/16" X 3/4" |
| 10. | 1800989 | Flat Washer - 5/16" |
| 11. | 1800990 | Lock Nut - 5/16" |
| 12. | 1800790 | Cap Screw - 3/8" X 1-1/2" |
| 13. | 1800994 | Flat Washer 3/8" |
| 14. | 1800993 | Lock Nut - 3/8" |
| 15. | 1800036 | Chain Guard (For 5000 GL Kit) |

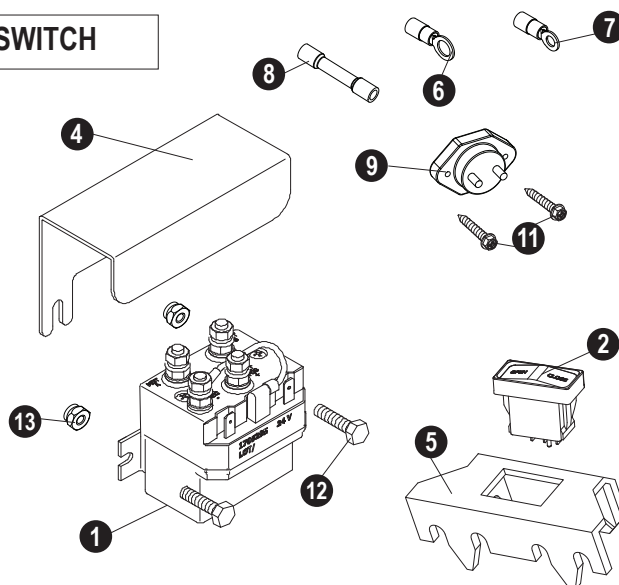


Item	Part #	Description
1.	1800123	Pivot Arm Assembly - Left Side (Includes: 12, 13, three of 14, 15, 16)
2.	1800124	Pivot Arm Assembly - Right Side (Includes: 12, 13, three of 14, 15, 16)
3.	1801758	Galvanized Rear Cross Bar
4.	1801759	Galvanized Bent Arm - Left Side
5.	1801760	Galvanized Bent Arm - Right Side
6.	1800699	Hex Lock Nut - 1/4"
7.	1800784	Flat Washer - 1/4"
8.	1705983	Cap Screw 1/4" - 1-3/4"
9.	1800356	Carriage Bolt - 1/2" x 1-1/2"
10.	1800996	Flat Washer - 1/2"
11.	1800995	Lock Nut - 1/2"
12.	1800978	Ring Retaining - 1-1/4"
13.	1800977	Shim 1-1/4" ID X .047
14.	1800763	Spiral Torsion Spring
15.	1801757	Pivot Arm
16.	1811436	Pivot Spring Assembly Base
17.	1704561	Warning Decal - Constant Spring Tension
18.	1704562	Warning Decal - Power Lines



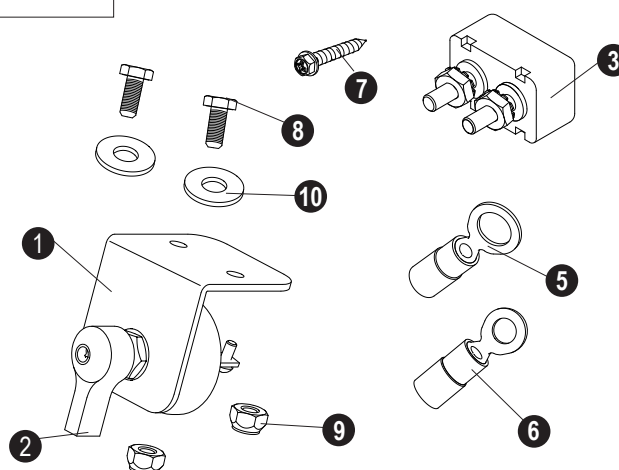
ROCKER SWITCH

Item	Part #	Description
1.	1703845	Motor-Reversing Solenoid 12V
2.	1800602	Rocker Switch
3.	1809061	3-Conductor Durabilt™ Cable Assembly Not pictured
4.	1703896	Solenoid Cover
5.	1800440	Rocker Switch Bracket
6.	1801486	Ring Terminal - 8 Ga. x 3/8" Stud - Battery
7.	1800430	Ring Terminal - 8 Ga. x 1/4" Stud
8.	1800441	Butt Connector - 18-22 Ga.
9.	1800575	Circuit Breaker - 40 Amp - Marine Grade
10.	1800028	Dual-Conductor Wire - 8 Ga. - 60' Not pictured
11.	1800802	Sheet Metal Screw - #10 x 1"
12.	1704905	Hex Flange Cap Screw - #10 x 1"
13.	1808844	Nylon Lock Nut - #10
14.	1809047	Durabuilt™ Solenoid Kit 12V - 8 Ga.

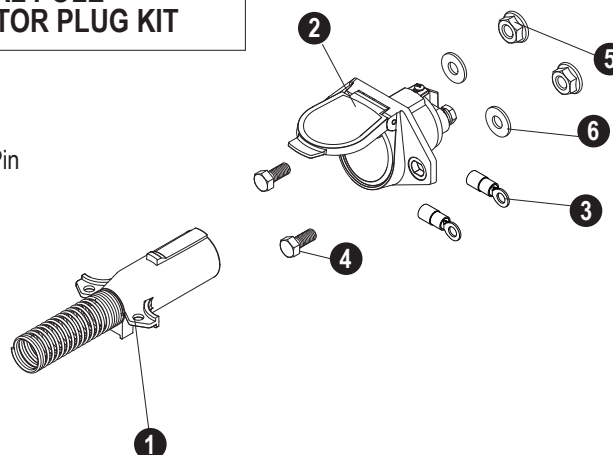


ROTARY SWITCH KIT

Item	Part #	Description
1.	1800516	Rotary Switch Bracket
2.	1110551	Heavy-Duty Rotary Switch
3.	1800536	Circuit Breaker - 40 Amp
4.	1800028	Dual-Conductor Wire - 8 Ga. - 60'
5.	1801486	Ring Terminal - 8 Ga. x 3/8" Stud - Battery
6.	1800430	Ring Terminal - 8 Ga. x 1/4" Stud
7.	1800802	Sheet Metal Screw - #10 x 1"
8.	1800771	Hex Bolt - 1/4" x 5/8"
9.	1800699	Hex Lock Nut - 1/4"
10.	1800784	Flat Washer - 1/4"
11.	1802076	Rotary Switch Kit

DUAL POLE
CONDUCTOR PLUG KIT

Item	Part #	Description
1.	1704715	Heavy-Duty Dual-Conductor Plug - Horizontal Pin
2.	1704714	Heavy-Duty Dual-Conductor Socket - Horizontal Pin
3.	1800430	Ring Terminal - 8 Ga. x 1/4" Stud
4.	1804907	Hex Bolt - 5/16" x 3/4"
5.	1704946	Top Lock Flange Nut - 5/16"
6.	1800784	Flat Washer - 1/4"
7.	1801377	Dual Pole Conductor Plug Kit



TARPS

HEAVY DUTY MESH TARPS

P/N	TARP DESCRIPTION
1809810	Black Mesh Tarp - 54" X 10'
1808621	Black Mesh Tarp - 59-1/2" X 10'
1808721	Black Mesh Tarp - 59-1/2" X 14'
1809764	Black Mesh Tarp - 59-1/2" X 16'
1809811	Black Mesh Tarp - 60" X 12'
1809812	Black Mesh Tarp - 60" X 14'
1809813	Black Mesh Tarp - 64" X 10'
1809814	Black Mesh Tarp - 64" X 12'
1809815	Black Mesh Tarp - 66" X 14'
1809816	Black Mesh Tarp - 72" X 14'
1809037	Black Mesh Tarp - 76" X 14'
1809038	Black Mesh Tarp - 76" X 16'
1809039	Black Mesh Tarp - 76" X 18'
1809040	Black Mesh Tarp - 76" X 20'
1808622	Black Mesh Tarp - 76-1/2" X 12'
1809765	Black Mesh Tarp - 76-1/2" X 18'
1809817	Black Mesh Tarp - 78" X 15'
1809818	Black Mesh Tarp - 78" X 18'
1809819	Black Mesh Tarp - 80" X 14'
1809820	Black Mesh Tarp - 80" X 16'
1809766	Black Mesh Tarp - 81-1/2" X 20'
1800141	Black Mesh Tarp - 84" X 10'
1801280	Black Mesh Tarp - 84" X 12'
1801281	Black Mesh Tarp - 84" X 14'
1801282	Black Mesh Tarp - 84" X 16'
1801283	Black Mesh Tarp - 84" X 18'
1801284	Black Mesh Tarp - 84" X 20'
1800000	Black Mesh Tarp - 90" X 10'
1800001	Black Mesh Tarp - 90" X 12'
1800002	Black Mesh Tarp - 90" X 14'
1800003	Black Mesh Tarp - 90" X 16'
1800004	Black Mesh Tarp - 90" X 18'
1800005	Black Mesh Tarp - 90" X 20'

MULTI-COLORED PVC MESH TARPS

P/N	TARP DESCRIPTION
1801731	Multi-Color Mesh Tarp - 84" X 12'
1801732	Multi-Color Mesh Tarp - 84" X 14'
1801733	Multi-Color Mesh Tarp - 84" X 16'
1801734	Multi-Color Mesh Tarp - 84" X 18'
1801735	Multi-Color Mesh Tarp - 84" X 20'
1801741	Multi-Color Mesh Tarp - 90" X 10'
1801742	Multi-Color Mesh Tarp - 90" X 12'
1801743	Multi-Color Mesh Tarp - 90" X 14'
1801744	Multi-Color Mesh Tarp - 90" X 16'
1801745	Multi-Color Mesh Tarp - 90" X 18'
1801746	Multi-Color Mesh Tarp - 90" X 20'

2309 SHURLOCK STREET | YANKTON, SD 57078-0713
PHONE: 1.866.748.7435 | FAX: 1.605.665.0501

PHONE: 1.800.327.8287 | FAX: 1.772.287.0431 | STUART, FL

SHURCO.com
