# SHUR-LOK® PRODUCT GUIDE SHUR-LOK® PRODUCT GUIDE SHUR-LOK® PRODUCT GUIDE SHUR-LOK® PRODUCT GUIDE











# **SHUR-LOK® ROLL TARP SYSTEM**

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# WHAT OUR CUSTOMERS SAY

I am 100% satisfied with Shur-Co<sup>®</sup>. As far as I'm concerned, there is only one tarp on the market! I've been farming for 25 years, and I've got Shur-Loks on my hopper-bottom trailers, seed wagons and grain carts. I'm an honest type of fellow and would be happy to tell you if your product could be improved upon, but I can't think of a thing!"

- Don Richey, Cypress Creek Farms, Central City, KY

It's like I'm always telling my customers, 'Buy the best or I'll fix the the rest.' Whenever someone asks for my recommendation, I say, 'Put on a Shur-Co®; you won't be back for repairs.' Then I say, 'But I'll be glad to fix the other brands – it's up to you.' Also, my customers love the ease and convenience of your SMARTrailer™ electric accessories!"

- Tim Harms, President, Harms Trucking Co., Minooka, IL

The Shur-Co® representative that I spoke with on the phone was well educated on many aspects of the Shur-Co® product line, as well as their replacement parts, which didn't leave me struggling to explain or second guessing myself. I can't say enough great things about Shur-Co®. Every single experience I've had with them has been excellent!"

- Tyler Volp, K&D Rivers, Omro, WI

I've always held Shur-Co® products in the highest regard. With my technical background, I am especially pleased that, when the company introduces a new product, it's always engineered right the first time. This means their customers will get the best possible performance, something that's not always true with other brands."

- Greg Smith, Triangle Truck Center, Monroe, WI

I have used Shur-Co® and have seen firsthand the importance they place in regards to getting my equipment in and repaired and back on the road. As a business owner, it is important to me to have such a relationship with a business that puts quality not only in their products, but in their customer service as well."

– Brad Olek, BJC Industries, Moorhead, MN

I have been amazed at the professional service I have received from Shur-Co® – nice people to deal with and very fast delivery! A lot of vendors nowadays lack in customer service, but I found Shur-Co's customer relations business plan matched mine. I have been purchasing tarps and supplies from Shur-Co® for close to 20 years. Neither myself nor my purchasing agents have ever had a confrontation or elevated issue. Any problems were handled with a professional attitude and corrected in a manner that satisfied both parties. The quality of Shur-Co's materials and workmanship has been top notch. It's been an excellent business relationship, to say the least."

- Mark O'Nory, Industrial Transportation Services, Golden, CO

I ordered an *Original* Shur-Lok® tarping system, and it arrived exactly as scheduled. And once the system was installed on my grain cart, it worked very well. All necessary parts and instruction were there, and the Shur-Co® rep that I worked with was very knowledgeable and helpful."

- Darrin Marshall, Rio, WI

The Shur-Co® representative that I spoke with on the phone was extremely helpful at making sure I had the right measurements for my *Original* Shur-Lok®, and the system was shipped to me very quickly. Just all around, I've received great customer service from Shur-Co®."

– Matt Cavenee, Miller, SD

#### **COMPANY TIMELINE**

- 1954 A shoe repair shop opens in Wahpeton, ND, moves into tarp repair and then new tarps.
- 1969 Growing tarp demand results in the creation of Wahpeton Canvas Company (WCCO).
- 1980 The Original Shur-Lok® roll tarp is born. The simple, yet reliable invention revolutionizes the tarping industry.
- 1992 The truck cover division of the company splits off from WCCO and relocates to Yankton, SD.
- 1996 A name change to Shur-Co® more closely identifies the company with the Shur-Lok®, its best-known product.
- 2000 Shur-Co® enters the auto accessories field with its TruXedo® line (to be spun off as its own company in 2007 under new ownership).
- **2001** Acquisition is made of a highly automated metal fabrications operation.
- 2003 Shur-Co<sup>®</sup> is named South Dakota's Family Business of the Year.
- 2006 Shur-Co® moves into trailer automation with the launch of the 3500 Series electric upgrade for the Shur-Lok®. Like the introduction of the Shur-Lok® itself, 40 years ago, the 3500 is unlike anything in the electric tarp market.
- 2008 State-of-the-art expansion allows Shur-Co® to keep up with increasing product demand, bringing the company's total manufacturing area to 150,000 square feet.
- The ProTrap® electric hopper opener and five-channel SMARTransmitter® are launched to complement the 3500, for an expanded line of SMARTrailer™ products.
- 2010 Shur-Co®, LLC is formed with the existing management team, sparking unprecedented growth and global market expansion.
- More products join the Shur-Co® lineup:

  SMART2™ and SMART1+™ remotes, 4500

  Series HD electric tarp, LiteALL™ work lights,

  DuraPull™ semi-auto pull tarp and IronSide™

  side dump system. Later in the year, Shur-Co®

  acquires Donovan Enterprises, a top name in

  waste and construction tarp systems, with

  locations in Michigan, Florida and the UK –

  positioning Shur-Co® for global growth.
- 2014 Roll-Tite™ is acquired and rebranded as ShurTite™ an industry-leading retractable tarp system for flatbed trailers, dropdecks, straight trucks and specialty vehicles.
- 2015 Global expansion continues as Shur-Co<sup>®</sup> sells products to over 30 countries on 6 continents.
- Growth continues as a branch dedicated to ShurTite™ installs and repairs opens in Sioux Falls, SD. Shur-Co® of ND moves into a new 24,000 square foot facility in West Fargo with increased installation capabilities and better product distribution. Shur-Co® of IL, having outgrown its previous location, relocates to a new 16,000 square foot facility in Decatur, adding ShurTite™ installs to its shop activities.
- 2017 Shur-Co<sup>®</sup> rolls out its SWAT™ system for roll- off trucks and trailers in the waste market and the Tater-Top™ roll tarp for potato trailers. The company also celebrates 25 years in its Yankton, SD location.
- 2018 Shur-Co's continued focus on innovation adds additional products to its SMARTrailer™ line: the Electric Gate and Hoist and DriveMaxx™ Swing Auger Drive Kit.
- 2019 The products keep on coming! Shur-Co® adds the 4500 HD for grain cart applications, the AutoGate™ Gate Runner, TrapAdapt™ Manual Hopper Opener and Service Truck Power Kits.



# SUPERIOR MATERIALS AND WORKMANSHIP

Shur-Co® proudly serves our customers with 10 sales, service and distribution locations throughout North America, plus an ever-expanding global presence. We have the best-designed, best-engineered and best-built tarping systems on the market.

Our 150,000 square foot production site has its own dedicated tarp and metal fabrication facilities, giving us complete control over the products we produce. Exacting workmanship is key; our employees have a strong Midwest work ethic and are willing to go the extra mile to provide customers with a superior-quality product. They take pride in their jobs, and their dedication and attention to detail has earned us the respect of the tarping industry.

Shur-Co® never cuts corners. For our tarps, we use the finest solid vinyl-coated fabric with built-in UV inhibitors to reduce sun damage and fading. Each lot is lab tested for tear strength, abrasion resistance and cold-temperature flexibility.

Shur-Co® quality shows, even in the smallest details: Reinforced stitching adds strength at stress points, reducing the likelihood of tears. Seams are heat welded for a watertight bond between panels; the added thickness creates an improved moisture barrier. Roll tubes, fixed tubes and bows are made from Gatorshield™ galvanized steel tubing, with 50 percent more zinc than standard galvanized processes, ideal for high-moisture applications. All other steel components are plated to stand up to harsh road treatment chemicals. Aluminum, stainless steel and powder-coated parts are also available – and many come standard – when added protection is needed for corrosive environments.











# THE FIRST ROLL TARP ON THE MARKET

Before the Shur-Lok®, tarping farm trucks meant using fitted tarps held by ropes that ran through D-rings or bungees clipped to box hooks on the rub rail. Every time the tarp was put on or taken off, these had to be tied or untied, hooked or unhooked.

Development of the Shur-Lok® began in the fall of 1978 at the Wahpeton Canvas Company in Wahpeton, ND. It was the brainchild of engineer Jerry Dimmer and his engineering team.

Bringing the Shur-Lok® to market was a multi-step process. First, a universal design for end caps that would work on any truck box was needed. Next, a roll tube was inserted into a pocket on the fixed side of the tarp to hold it to the box, with brackets that acted as tarp stops. A larger tube in a pocket on the other side rolled the tarp. A steel plate running the length of the box, dubbed the latchplate, gave the roll tube something to push against. This tightened the tarp as it rolled, with a universal joint to relieve tension at the point of contact.

Once completed, the Shur-Lok® made one-person operation simple. The tarp was opened by removing the crank from a retaining bracket and cranking the system toward the tarp stops. When the tarp rolled closed, the tube and tarp would snug up under the latchplate and lock into place when the crank was returned to the retaining bracket.

In 1992, the company (renamed Shur-Co® to better identify with its most famous product) relocated to Yankton, SD to be closer to its core market of grain trailer manufacturers.







# **OVER 40 YEARS LATER - STILL THE BEST!**

Today's Shur-Lok® remains remarkably faithful to the original. In addition to farm bodies, it's been adapted for grain trailers, grain carts, tenders, spreaders and end dumps. A supereconomical version for small wagons, the Shur-Lok® Junior, has caps built into the tarp.

Efficiencies have been factored in along the way; the gauge of steel has been increased on the crank extensions and to reinforce the U-joint. The steel parts, originally put through a dip tank and paint booth, are now plated for exceptional corrosion protection, and aluminum, stainless steel and powder-coated components are also available.

High-speed computer numeric control (CNC) technology has streamlined the manufacturing process. The first Shur-Lok® tarps were painstakingly tape measured and cut, with sew lines drawn on the material by hand. Now, tarps are precision cut to pattern for consistency, lower cost and shortened lead times.

These product improvements and process enhancements have allowed Shur-Co® to remain the industry leader, topped off by our dedication to complete customer satisfaction. Every Shur-Lok® tarp and kit is made to order – it's important to us that each customer gets the proper product for their application and that it fits exactly the way it should. Our slogan, "When you need to be sure, make it Shur-Co®," is an honest statement of fact, and we say it with complete confidence in our entire line of products. Shur-Co® has been field tested and farmer approved for over 60 years.







# SHUR-LOK® FOR GRAIN CARTS AND WAGONS

Shur-Lok® is a heavy-duty workhorse that will outperform your expectations. It offers dependable protection from the elements that stands the test of time. Standard features will do the job – and do it well, but if you like to customize, we have a huge range of options.

Our adaptable hardware lets you position the crank arm in the most efficient spot. The stand-offs come in 3-inch, 7-inch and 11-inch sizes while J-hooks are available in regular, pinless and offset-with-pin retainers. An upgrade to our pinless offset retainer will eliminate any pin-and-cable hassles and can be secured on either side of the cart. We also offer a universal crank retainer support kit to accommodate non-vertical configurations.

Ridge straps are made of stretch-resistant high-tensile webbing to keep the tarp from sagging between bows. We recommend dual straps for offset placement, a larger center opening and a clear flow for loading to reduce grain splatter.

For extra-wide carts with tip-top extensions, we suggest flat caps and trussed teardrop bows. The caps help shed water better while the teardrop bows facilitate tightening of the tarp. Trusses offer additional support for wide bows, where flat areas are susceptible to bending.

**Key Features:** Aluminum Latchplate, Recessed Tarp Stops, Galvanized Bows/Brackets, Galvanized End Caps, 1" Ridge Strap (Over 8'6" Gets 2), Stretch Cord Return, Long Crank Arm w/80" Extension, Pinless Crank Retainer w/7" Standoff, Universal Retainer Support Kit, 18-Oz. Vinyl Tarp.





#### FEATURES AND OPTIONS

FEATURES AND OPTIONS	
LATCHPLATES	
Aluminum Latchplate	Standard
Galvanized Steel Latchplate	N/C
TARP STOPS	
Recessed Tarp Stops	Standard
Easy-Off Tarp Stop	+
Flexible Easy-Off Tarp Stop	+
6" Offset Easy-Off Tarp Stop	+
6" Offset Flexible Easy-Off Tarp Stop	+
Standard Tarp Stop	-
3" Offset Tarp Stop	-
BOWS/BRACKETS	
Galvanized Steel (LR/HR) Bows/Brackets (102" or Less)	Standard
Galvanized Steel (HR/Flat) Bows/Brackets (103" or More)	Standard
Adjustable Galvanized Steel (LR/HR) Bow (102" or Less)	+
Additional Galvanized Steel (LR/HR) Bow (102" or Less)	+
Additional Galvanized Steel (HR/Flat*) Bow (103" or More)	+
Adjustable Bow Bracket - For Slanted w/Angle Extension	+
END CAPS	
Galvanized Steel (LR/HR) End Cap (102" or Less)	Standard
Galvanized Steel (HR/Flat) End Cap (103" or More)	Standard
Fabric End Cap (102" or Less)	+
Fabric End Cap (103" or More)	+
Aluminum (LR/HR) End Cap (102" or Less)	+
RIDGE SUPPORTS	
1" Ridge Strap - Over 8'6" Gets 2	Standard
2" Ridge Strap	N/C
Additional 1" or 2" Ridge Strap (Up to 39')	+
No Ridge Strap	-
ROLL RETURNS	
Stretch Cord Return	Standard
Shur-Return <sup>™</sup> (102" or Less)	+
Front Cable Return	+
CRANK ARMS	
Long Crank Arm (60") w/80" Extension	Standard
Standard Crank Arm (26-3/4") w/80" Extension	-
Standard Crank Arm (26-3/4") w/96" Extension	N/C
RETAINERS	
Pinless w/7" Standoff w/Univ. Retainer Support Kit	Standard
Pinless Crank Retainer w/2" Standoff	N/C
Standard Crank Retainer w/2" Standoff	N/C
Standard Crank Retainer w/7" Standoff	N/C
No Universal Crank Retainer Support Kit	
TARP OPTIONS	
18-Oz. Vinyl Tarp - Choice of Color	Standard
Multicolored Fabric - per Added Color	+
Tarp Reinforcements - per Foot	+
ACCESSORIES	
GustBuster™ Tarp Cord Kit	+
Rear Cable Return	+
X-Wide Rear Cable Return	+
Standard Bow Cover	+
X-Wide Bow Cover  Molded Roll Tube Deflectors (2)	+
	+

<sup>\*</sup>Flat bows/caps work best installed on carts with tip-top extensions. To ensure water shed-ability, do NOT install on carts without extensions.

# RECOMMENDED HARDWARE QUANTITIES

102" or Less	TARP STOPS	U-CLAMPS	STANDARD BOWS
6' to 9'	2	6	2
10' to 14'	3	8	2
15' to 18'	3	8	3
19' to 22'	4	10	4
23' to 26'	4	10	5
27' to 30'	5	10	6
103" or Greater	TARP STOP	U-CLAMPS	X-WIDE BOWS
6' to 9'	2	6	2
10' to 11'	3	8	2
12' to 15'	3	8	3
16' to 18'	3	10	4
19'	4	10	4
20' to 23'	4	10	5
24' to 26'	4	10	6
27'	5	10	6
28' to 30'	5	10	7

In the chart at left, features that come standard are indicated, but you can also see what options are available for this application in each category.

The plus sign (+) indicates that it would be an additional cost, a minus sign (-) lets you know it would cost less than standard and N/C indicates no difference in price.

Recommended hardware quantities are noted in the chart below left.

ALUMINUM LATCHPLATE

RECESSED TARP STOP

GALVANIZED BOW/BRACKET

GALVANIZED END CAP

1" RIDGE STRAP

STRETCH CORD RETURN

LONG CRANK ARM

PINLESS CRANK RETAINER













# SHUR-LOK® FOR FARM BODIES

From older trucks to the very latest models, a Shur-Lok® can protect whatever you haul. Our standard features fit most applications, but plenty of options are available – like a high-lift end gate kit, designed for use with high-lift end gates wider than the box.

The high-lift kit option is a bolt-on offset adjustable bracket that allows the latchplate and tarp stop to be spaced out flush with the width of the end gate. It's just one of many accommodating options offered. For example, aluminum end caps come standard – both low-rise and high-rise styles – but an upgrade to aluminum easy-off caps offers easier installation and removal. These quickly anchor with over-center clamps inside the truck box.

The standard crank arm mounts vertically across the back of the box and provides 4-position length adjustment. The U-joint has a 21-tooth splined key to adjust the tarp tension every 17 degrees. Upgrading to the Shur-Flex™ crank provides necessary flexibility for cargo doors or grain gates. It folds at the knuckle and secures to the side of the box with offset retainers.

Our standard stretch cord return guides the roll tube over the end cap, with a protective cover to reduce rope fraying. An upgrade to our patented Shur-Return features a heavy-duty steel tension spring, 1/4-inch non-stretch solid braid rope and lifetime warranty.

**Key Features:** Aluminum Latchplate, Easy-Off Tarp Stops, Galvanized Bows/Brackets, Aluminum End Caps, 1" Ridge Strap, Stretch Cord Return, Standard Crank Arm w/80" Extension, Pinless Crank Retainer w/7" Standoff, 18-Oz. Vinyl Tarp.







#### FEATURES AND OPTIONS

FEATURES AND OPTIONS	
LATCHPLATES	
Aluminum Latchplate	Standard
Galvanized Steel Latchplate	N/C
TARP STOPS	
Easy-Off Tarp Stops	Standard
Standard Tarp Stop	-
Flexible Easy-Off Tarp Stop	+
6" Offset Easy-Off Tarp Stop	+
6" Offset Flexible Easy-Off Tarp Stop	+
BOWS/BRACKETS	
Galvanized Steel (LR/HR) Bows/Brackets	Standard
Adjustable Galvanized Steel (LR/HR) Bow/Bracket	+
Additional Galvanized Steel (LR/HR) Bow/Bracket	+
Additional Adjustable Galvanized Steel (LR/HR) Bow/Bracket	+ :
No Galvanized Steel (LR/HR) Bow/Bracket	-
END CAPS	
Aluminum (LR/HR) End Caps	Standard
Easy-Off Aluminum (LR/HR) Rear Cap	+
Galvanized Steel (LR/HR) Rear Cap	-
Fabric (LR/HR) Rear Cap	+
Poorboy Rear Tapered Flap	N/C
No Rear Cap	-
Radius/Diagonal Aluminum (LR/HR) Front Cap	+
Easy-Off Aluminum (LR/HR) Front Cap	+
Galvanized Steel (LR/HR) Front Cap	-
Aluminum (LR) Universal Front Cap	+
Fabric (LR/HR) Front Cap	+
No Front Cap	-
RIDGE SUPPORTS	
1" Ridge Strap	Standard
2" Ridge Strap	N/C
Additional 1" or 2" Ridge Strap (25')	+
No Ridge Strap	-
ROLL RETURNS	
Stretch Cord Return	Standard
Shur-Return™	+
Front Cable Return	+
CRANK ARMS	
Standard Crank Arm (26-3/4") w/80" Extension	Standard
Standard Crank Arm (26-3/4") w/96" Extension	+
Long Crank Arm (60") w/80" Extension	+
40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4)	+
40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4)	+
RETAINERS	
RETAINERS Pinless Crank Retainer w/7" Standoff	Standard
RETAINERS Pinless Crank Retainer w/7" Standoff Standard Crank Retainer w/7" Standoff	N/C
RETAINERS Pinless Crank Retainer w/7" Standoff Standard Crank Retainer w/7" Standoff Offset Crank Retainers (2)	N/C N/C
RETAINERS Pinless Crank Retainer w/7" Standoff Standard Crank Retainer w/7" Standoff Offset Crank Retainers (2) Offset Pinless Crank Retainers (2)	N/C N/C +
RETAINERS Pinless Crank Retainer w/7" Standoff Standard Crank Retainer w/7" Standoff Offset Crank Retainers (2) Offset Pinless Crank Retainers (2) Additional Crank Retainer w/Standoff	N/C N/C
RETAINERS Pinless Crank Retainer w/7" Standoff Standard Crank Retainer w/7" Standoff Offset Crank Retainers (2) Offset Pinless Crank Retainers (2) Additional Crank Retainer w/Standoff TARP OPTIONS	N/C N/C + +
RETAINERS Pinless Crank Retainer w/7" Standoff Standard Crank Retainer w/7" Standoff Offset Crank Retainers (2) Offset Pinless Crank Retainers (2) Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color*	N/C N/C +
RETAINERS Pinless Crank Retainer w/7" Standoff Standard Crank Retainer w/7" Standoff Offset Crank Retainers (2) Offset Pinless Crank Retainers (2) Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color* Value Series 18-Oz. Tarp - Black, Royal Blue or White	N/C N/C + + Standard
RETAINERS  Pinless Crank Retainer w/7" Standoff  Standard Crank Retainer w/7" Standoff  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  Additional Crank Retainer w/Standoff  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color*  Value Series 18-Oz. Tarp - Black, Royal Blue or White  22-Oz. Vinyl Tarp - Choice of Color	N/C N/C + + Standard - +
RETAINERS  Pinless Crank Retainer w/7" Standoff  Standard Crank Retainer w/7" Standoff  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  Additional Crank Retainer w/Standoff  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color*  Value Series 18-Oz. Tarp - Black, Royal Blue or White  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color	N/C N/C + + Standard - + +
RETAINERS  Pinless Crank Retainer w/7" Standoff  Standard Crank Retainer w/7" Standoff  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  Additional Crank Retainer w/Standoff  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color*  Value Series 18-Oz. Tarp - Black, Royal Blue or White  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color  Tarp Reinforcements - per Foot	N/C N/C + + Standard - +
RETAINERS  Pinless Crank Retainer w/7" Standoff  Standard Crank Retainer w/7" Standoff  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  Additional Crank Retainer w/Standoff  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color*  Value Series 18-Oz. Tarp - Black, Royal Blue or White  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color  Tarp Reinforcements - per Foot  ACCESSORIES	N/C N/C + + * * * * * * * * * * * * * * * * *
RETAINERS  Pinless Crank Retainer w/7" Standoff  Standard Crank Retainer w/7" Standoff  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  Additional Crank Retainer w/Standoff  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color*  Value Series 18-Oz. Tarp - Black, Royal Blue or White  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color  Tarp Reinforcements - per Foot  ACCESSORIES  GustBuster™ Tarp Cord Kit	N/C N/C + + * * * * * * * * * * * * * * * * *
RETAINERS  Pinless Crank Retainer w/7" Standoff  Standard Crank Retainer w/7" Standoff  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  Additional Crank Retainer w/Standoff  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color*  Value Series 18-Oz. Tarp - Black, Royal Blue or White  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color  Tarp Reinforcements - per Foot  ACCESSORIES  GustBuster™ Tarp Cord Kit  Rear Cable Return	N/C N/C + + * * * * * * * * * * * * * * * * *
RETAINERS  Pinless Crank Retainer w/7" Standoff  Standard Crank Retainer w/7" Standoff  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  Additional Crank Retainer w/Standoff  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color*  Value Series 18-Oz. Tarp - Black, Royal Blue or White  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color  Tarp Reinforcements - per Foot  ACCESSORIES  GustBuster™ Tarp Cord Kit	N/C N/C + + * * * * * * * * * * * * * * * * *

<sup>\*</sup>Available tarp colors: black, red, royal blue, marine blue, gray, white, yellow, green, orange, grape, maroon, tan *or* brown.

#### **RECOMMENDED HARDWARE QUANTITIES**

		•	
SIZE	TARP STOPS	U-CLAMPS	STANDARD BOWS
10' to 14'	3	8	2
15' to 18'	3	8	3
19' to 22'	4	10	4
23' to 24'	Λ	10	5

In the chart at left, features that come standard are indicated, but you can also see what options are available for this application in each category.

The plus sign (+) indicates that it would be an additional cost, a minus sign (-) lets you know it would cost less than standard and N/C indicates no difference in price.

Recommended hardware quantities are noted in the chart below left.

**ALUMINUM LATCHPLATE** 

EASY-OFF TARP STOP

GALVANIZED BOW/BRACKET

ALUMINUM END CAP

1" RIDGE STRAP

STRETCH CORD RETURN

STANDARD CRANK ARM















# SHUR-LOK® FOR TENDERS AND SPREADERS

Whatever you're hauling, from seed to blended fertilizer to micronutrients, it's critical that contents stay dry. Shur-Lok® is water resistant, durable and easy to open and close. Included stainless steel and powder-coated components provide lasting corrosion resistance.

Our stainless steel and powder-coated parts come standard, designed to protect against the corrosive effects inherent in hauling caustic substances like fertilizer. Stainless bows and brackets, end caps, ridge straps and crank retainers offer improved performance, longer life and a sharper appearance. Even the standard-issue easy-off tarp stop features a corrosion-resistant stainless steel stop body, plus powder coating for lasting durability.

**Key Features:** Aluminum Latchplate, Powder-Coated Easy-Off Tarp Stops w/Stainless Stop Bodies, Stainless Top-Mounted Bows/Brackets, Stainless End Caps, Stainless 1" Ridge Strap (Over 8'6" Gets 2), Stretch Cord Return, Standard Crank Arm w/80" Extension, Stainless Pinless Crank Retainer w/7" Standoff, 18-Oz. Vinyl Tarp.









#### FEATURES AND OPTIONS

LATCHPLATES	
Aluminum Latchplate	Standard
Galvanized Steel Latchplate	N/C
TARP STOPS	.,, -
Powder-Coated Easy-Off w/Stainless Stop Body	Standard
Easy-Off Tarp Stop w/Plated Steel Stop Body	_
Standard Plated Steel Tarp Stop	-
BOWS/BRACKETS	
Stainless (LR/HR) Bows - Top Mount - Standard 102" or Less	
Stainless (HR) Bows - Top Mount - Standard for 120"	
Stainless (LR/HR) Bow/Bracket - Std. Mt. (102" or Less)	+
Stainless (HR) Bow/Bracket - Standard Mount (120")	+
Galvanized (LR/HR) Bow/Bracket - Std. Mt. (102" or Less)	-
Adjustable Galvanized (LR/HR) Bow/Bracket (102" or Less)	-
Galvanized (HR) Bow/Bracket - Standard Mount (120")	-
No Stainless (LR/HR) Bow/Bracket - Top Mount (102" or Less	) –
No Stainless (HR) Bow/Bracket - Top Mount (120")	_
END CAPS	
Stainless (LR/HR) End Caps – Standard 102" or Less	
Stainless (HR) End Caps – Standard for 120"	
Aluminum (LR/HR) End Caps (102" or Less)	_
Aluminum (HR) End Caps (120")	_
Galvanized Steel (LR/HR) End Caps (102" or Less)	_
Galvanized Steel (HR) End Caps (120")	_
No Stainless Steel (LR/HR) End Caps (102" or Less)	
No Stainless Steel (HR) End Caps (120")	_
RIDGE SUPPORTS	
Stainless 1" Ridge Strap - Over 8'6" Gets 2	Standard
1" Ridge Strap w/Powder-Coated Components	-
1" Ridge Strap	
•	
Additional Stainless Steel 1" Ridge Stran (Un to 24')	+
Additional Stainless Steel 1" Ridge Strap (Up to 24')  Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24)	+
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24	') +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25')	
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap	') +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS	') + + -
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return	') + + - Standard
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return™ (102" or Less)	') + + - Standard +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return™ (102" or Less) Front Cable Return	') + + - Standard
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return™ (102" or Less) Front Cable Return CRANK ARMS	') + + - Standard + +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return™ (102" or Less) Front Cable Return CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension	') + + - Standard +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap  ROLL RETURNS  Stretch Cord Return  Shur-Return™ (102" or Less) Front Cable Return  CRANK ARMS  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/33" Extension	') + + - Standard + + Standard
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap  ROLL RETURNS  Stretch Cord Return  Shur-Return™ (102" or Less) Front Cable Return  CRANK ARMS  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (26-3/4") w/96" Extension	') + + Standard + + + Standard - + + +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap  ROLL RETURNS  Stretch Cord Return  Shur-Return™ (102" or Less) Front Cable Return  CRANK ARMS  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (26-3/4") w/96" Extension	') + + - Standard + + Standard
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap  ROLL RETURNS  Stretch Cord Return  Shur-Return™ (102" or Less) Front Cable Return  CRANK ARMS  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (60") w/80" Extension  RETAINERS	') + + Standard + + + Standard - + + + + + + + + + + + + + + + + + +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap  ROLL RETURNS  Stretch Cord Return  Shur-Return™ (102" or Less) Front Cable Return  CRANK ARMS  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (60") w/80" Extension  RETAINERS  Stainless Steel Pinless Crank Retainer w/7" Standoff	') + + Standard + + + Standard - + + +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap  ROLL RETURNS  Stretch Cord Return  Shur-Return™ (102" or Less) Front Cable Return  CRANK ARMS  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (60") w/80" Extension  Long Crank Arm (60") w/80" Extension  RETAINERS  Stainless Steel Pinless Crank Retainer w/7" Standoff  Pinless Crank Retainer w/7" Standoff	') + + Standard + + + Standard - + + + + + + + + + + + + + + + + + +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap  ROLL RETURNS  Stretch Cord Return  Shur-Return™ (102" or Less) Front Cable Return  CRANK ARMS  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Long Crank Arm (60") w/80" Extension  RETAINERS  Stainless Steel Pinless Crank Retainer w/7" Standoff  Pinless Crank Retainer w/7" Standoff  Crank Retainer w/7" Standoff	*) + + Standard + + + * **  Standard - + + + * **  Standard **  Standard **
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return" (102" or Less) Front Cable Return CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/93" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (60") w/80" Extension RETAINERS Stainless Steel Pinless Crank Retainer w/7" Standoff Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Additional Stainless Crank Retainer w/Standoff	Standard + + + + Standard - + + + + + + Standard - + + + + + + + + + + + + + + + + + +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return" (102" or Less) Front Cable Return CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (60") w/80" Extension RETAINERS Stainless Steel Pinless Crank Retainer w/7" Standoff Pinless Crank Retainer w/7" Standoff Additional Stainless Crank Retainer w/Standoff Additional Crank Retainer w/Standoff	*) + + Standard + + + * **  Standard - + + + * **  Standard **  Standard **
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return™ (102" or Less) Front Cable Return CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (60") w/80" Extension RETAINERS Stainless Steel Pinless Crank Retainer w/7" Standoff Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Additional Stainless Crank Retainer w/Standoff Additional Crank Retainer w/Standoff TARP OPTIONS	Standard + + + + Standard - + + + + Standard - + + + + + + + + + + + + + + + + + +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return™ (102" or Less) Front Cable Return CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension RETAINERS Stainless Steel Pinless Crank Retainer w/7" Standoff Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Additional Stainless Crank Retainer w/Standoff Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color*	Standard + + + + Standard - + + + + + + Standard - + + + + + + + + + + + + + + + + + +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return™ (102" or Less) Front Cable Return CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (60") w/80" Extension RETAINERS Stainless Steel Pinless Crank Retainer w/7" Standoff Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Additional Stainless Crank Retainer w/Standoff Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color* Value Series 18-Oz. Tarp - Black, Royal Blue or White	Standard + + + Standard - + + + Standard + + + Standard + + + Standard + + + + Standard + + + + + + + + + + + + + +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return™ (102" or Less) Front Cable Return CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension RETAINERS Stainless Steel Pinless Crank Retainer w/7" Standoff Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Additional Stainless Crank Retainer w/Standoff Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color* Value Series 18-Oz. Tarp - Black, Royal Blue or White Multicolored Fabric - per Added Color	Standard + + + Standard - + + + + + Standard - + + + + + + Standard - + + + + + + Standard - + + + + + + + + + + + + + + + + + +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return™ (102" or Less) Front Cable Return CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension RETAINERS Stainless Steel Pinless Crank Retainer w/7" Standoff Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Additional Stainless Crank Retainer w/Standoff Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color* Value Series 18-Oz. Tarp - Black, Royal Blue or White Multicolored Fabric - per Added Color Tarp Reinforcements - per Foot	Standard + + + Standard - + + + Standard + + + Standard + + + Standard + + + + Standard + + + + + + + + + + + + + +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return™ (102" or Less) Front Cable Return CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension RETAINERS Stainless Steel Pinless Crank Retainer w/7" Standoff Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Additional Stainless Crank Retainer w/Standoff Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color* Value Series 18-Oz. Tarp - Black, Royal Blue or White Multicolored Fabric - per Added Color Tarp Reinforcements - per Foot ACCESSORIES	Standard + + + Standard - + + + Standard - + + + + + Standard - + + + + + Standard - + + + + + + Standard - + + + + + + + + + + + + + + + + + +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return™ (102" or Less) Front Cable Return CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension RETAINERS Stainless Steel Pinless Crank Retainer w/7" Standoff Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Additional Stainless Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color* Value Series 18-Oz. Tarp - Black, Royal Blue or White Multicolored Fabric - per Added Color Tarp Reinforcements - per Foot ACCESSORIES Rear Cable Return	Standard + + + Standard - + + + Standard - + + + + Standard - + + + + + Standard - + + + + + + + + + + + + + + + + + +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return™ (102" or Less) Front Cable Return CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/33" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension RETAINERS Stainless Steel Pinless Crank Retainer w/7" Standoff Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Additional Stainless Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color* Value Series 18-Oz. Tarp - Black, Royal Blue or White Multicolored Fabric - per Added Color Tarp Reinforcements - per Foot ACCESSORIES Rear Cable Return X-Wide Rear Cable Return	Standard + + + Standard - + + + Standard - + + + + Standard - + + + + + + + + + + + + + + + + + +
Additional 1" Ridge Strap w/Powder-Coated Comp. (Up to 24 Additional 1" Ridge Strap (25') No Stainless Steel Ridge Strap ROLL RETURNS Stretch Cord Return Shur-Return™ (102" or Less) Front Cable Return CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension RETAINERS Stainless Steel Pinless Crank Retainer w/7" Standoff Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Additional Stainless Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color* Value Series 18-Oz. Tarp - Black, Royal Blue or White Multicolored Fabric - per Added Color Tarp Reinforcements - per Foot ACCESSORIES Rear Cable Return	Standard + + + Standard - + + + Standard - + + + + Standard - + + + + + Standard - + + + + + + + + + + + + + + + + + +

<sup>\*</sup>Available tarp colors: black, red, royal blue, marine blue, gray, white, yellow, green, orange, grape, maroon, tan *or* brown.

#### RECOMMENDED HARDWARE QUANTITIES

SIZE	TARP STOPS	U-CLAMPS	STANDARD BOWS
10' to 14'	3	8	2
15' to 18'	3	8	3
19' to 22'	4	10	4
23' to 24'	4	10	5

In the chart at left, features that come standard are indicated, but you can also see what options are available for this application in each category.

The plus sign (+) indicates that it would be an additional cost, a minus sign (-) lets you know it would cost less than standard and N/C indicates no difference in price.

Recommended hardware quantities are noted in the chart below left.

**ALUMINUM LATCHPLATE** 

POWDER-COATED TARP STOP

STAINLESS BOW/BRACKET

STAINLESS END CAP

STAINLESS 1" RIDGE STRAP

STRETCH CORD RETURN

STANDARD CRANK ARM















# SHUR-LOK® FOR GRAIN TRAILERS

With proper tension, the tarp stays tight no matter your length of trailer. The standard crank is direct drive 1:1 and lets you roll the tarp while standing safely on the ground. A number of electric accessories are available from our SMARTrailer $^{\text{TM}}$  line, listed at left.

Our standard easy-off tarp stops enable fast, easy tarp removal. An upgrade from our standard stretch cord return to our cable return features a non-stretch cable with a heavy-duty internal tension spring-and-pulley system.

Our extendable spline crank assembly allows crank arm and U-joint to slide forward, bypassing hinges and clearing rear doors. This upgrade, ideal for open-top vans, Convertahoppers, belted floor trailers and "barn door" trailers, uses deeper caps that, if aluminum, are made of a heavier alloy. All require a cap depth of 26 inches.



Shur-Co® offers a wide variety of tarp fabric choices. Of special note is DiamondCore $^{\text{TM}}$ , a premium fabric that provides added substance, increased endurance and un-

paralleled abrasion resistance. Unlike diamonds, no tarp lasts forever, but an upgrade to DiamondCore™ offers you rock-solid quality backed by a 24-month warranty. (In black only.)

**Key Features:** Aluminum Latchplate, Easy-Off Tarp Stops, Galvanized Bows/Brackets, Aluminum End Caps w/Radius Corner Front, 1" or 2" Ridge Strap, Stretch Cord Return, Standard Crank Arm w/80" Extension, Pinless Crank Retainer w/7" Standoff, 18-Oz. Vinyl Tarp.







#### **FEATURES AND OPTIONS**

LATCUDLATEC	
LATCHPLATES	
Aluminum Latchplate	Standard
Galvanized Steel Latchplate	N/C
TARP STOPS	
Easy-Off Tarp Stops	Standard
Standard Tarp Stop	-
Flexible Easy-Off Tarp Stop	+
6" Offset Easy-Off Tarp Stop	+
6" Offset Flexible Easy-Off Tarp Stop	+
BOWS/BRACKETS	
Galvanized Steel (LR/HR) Bows/Brackets	Standard
Adjustable Galvanized Steel (LR/HR) Bow/Bracket	+
Additional Galvanized Steel (LR/HR) Bow/Bracket	+
Additional Adjustable Galvanized Steel (LR/HR) Bow/Bracket	
No Galvanized Steel (LR/HR) Bow/Bracket	_
END CAPS	
Aluminum Caps (LR/HR) w/Radius Corner Front Cap	Standard
Easy-Off Aluminum (LR/HR) Rear Cap	+
Galvanized Steel (LR/HR) Rear Cap	<del>-</del>
Fabric (LR/HR) Rear Cap	+
Poorboy Rear Tapered Flap	N/C
Back Cap (LR) w/Extendable Joint	+
No Rear Cap	
Fixed Aluminum Square (LR/HR) Front Cap	-
Easy-Off Aluminum (LR/HR) Front Cap	+
Galvanized Steel (LR/HR) Front Cap	-
Aluminum (LR) Universal Front Cap	+
Fabric (LR/HR) Front Cap	+
No Front Cap	-
RIDGE SUPPORTS	
1" or 2" Ridge Strap	Standard
1" Stainless Ridge Strap	+
Additional 1" or 2" Ridge Strap (Up to 56')	+
Additional Stainless 1" Ridge Strap (Up to 56')	+
No Ridge Strap	-
ROLL RETURNS	
Stretch Cord Return	Standard
Stretch Cord Return Shur-Return™	Standard +
Shur-Return™	
Shur-Return™ Front Cable Return	+
Shur-Return™ Front Cable Return Cable Spool	+
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide	+ + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS	+ + + + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension	+ + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/33" Extension	+ + + + Standard
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension	+ + + + Standard - +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension	+ + + + Standard - +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4)	+ + + + * Standard - + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4)	+ + + + Standard - +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS	+ + + + Standard - + + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff	+ + + + Standard - + + + + Standard
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff	+ + + + Standard - + + + + Standard N/C
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2)	+ + + + Standard - + + + + Standard N/C N/C
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2)	+ + + + Standard - + + + + + Standard N/C N/C +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2) Additional Crank Retainer w/Standoff	+ + + + Standard - + + + + Standard N/C N/C
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2) Additional Crank Retainer w/Standoff TARP OPTIONS	+ + + + Standard - + + + + Standard N/C N/C + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2) Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color	+ + + + Standard - + + + + + Standard N/C N/C +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2) Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color Value Series 18-Oz. Tarp - Black, Royal Blue or White	+ + + + Standard - + + + + Standard N/C N/C + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2) Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color	+ + + + Standard - + + + + Standard N/C N/C + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2) Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color Value Series 18-Oz. Tarp - Black, Royal Blue or White	+ + + + Standard - - + + + + Standard N/C N/C + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2) Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color Value Series 18-Oz. Tarp - Black, Royal Blue or White DiamondCore™ Tarp - Black Only	+ + + + Standard - + + + + Standard N/C N/C + + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (60") w/80" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2) Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color Value Series 18-Oz. Tarp - Black, Royal Blue or White DiamondCore™ Tarp - Black Only 22-Oz. Vinyl Tarp - Choice of Color	+ + + + + Standard - + + + + Standard N/C N/C + + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (60") w/80" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2) Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color Value Series 18-Oz. Tarp - Black, Royal Blue or White DiamondCore™ Tarp - Black Only 22-Oz. Vinyl Tarp - Choice of Color Multicolored Fabric - per Added Color Active Decontamination Flap / Load Hole Flap	+ + + + + Standard - + + + - Standard N/C N/C + + + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2) Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color Value Series 18-Oz. Tarp - Black, Royal Blue or White DiamondCore™ Tarp - Black Only 22-Oz. Vinyl Tarp - Choice of Color Multicolored Fabric - per Added Color Active Decontamination Flap / Load Hole Flap Bow Reinforcements (10") / Tarp Reinforcements - per Foot	+ + + + + Standard - + + + + Standard N/C N/C + + + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2) Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color Value Series 18-Oz. Tarp - Black, Royal Blue or White DiamondCore™ Tarp - Black Only 22-Oz. Vinyl Tarp - Choice of Color Multicolored Fabric - per Added Color Active Decontamination Flap / Load Hole Flap Bow Reinforcements (10") / Tarp Reinforcements - per Foot ACCESSORIES	+ + + + + Standard - + + + + Standard N/C N/C + + + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2) Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color Value Series 18-Oz. Tarp - Black, Royal Blue or White DiamondCore™ Tarp - Black Only 22-Oz. Vinyl Tarp - Choice of Color Multicolored Fabric - per Added Color Active Decontamination Flap / Load Hole Flap Bow Reinforcements (10") / Tarp Reinforcements - per Foot ACCESSORIES GustBuster™ Tarp Cord Kit	+ + + + + Standard - + + + + Standard N/C N/C + + + + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2) Pinless Offset Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color Value Series 18-Oz. Tarp - Black, Royal Blue or White DiamondCore™ Tarp - Black Only 22-Oz. Vinyl Tarp - Choice of Color Multicolored Fabric - per Added Color Active Decontamination Flap / Load Hole Flap Bow Reinforcements (10") / Tarp Reinforcements - per Foot ACCESSORIES GustBuster™ Tarp Cord Kit Rear Cable Return	+ + + + + +  Standard - + + + +  Standard N/C N/C + + + + + + + + + + + + + + +
Shur-Return™ Front Cable Return Cable Spool Universal Cable Guide CRANK ARMS Standard Crank Arm (26-3/4") w/80" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (26-3/4") w/96" Extension Standard Crank Arm (60") w/80" Extension Long Crank Arm (60") w/80" Extension 40" or 54" Shur-Flex™ Crank Arm w/Offset Retainer (4) 40" or 54" Shur-Flex™ Crank w/Offset Pinless Retainer (4) RETAINERS Pinless Crank Retainer w/7" Standoff Crank Retainer w/7" Standoff Offset Crank Retainer (2) Pinless Offset Crank Retainer (2) Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Tarp - Choice of Color Value Series 18-Oz. Tarp - Black, Royal Blue or White DiamondCore™ Tarp - Black Only 22-Oz. Vinyl Tarp - Choice of Color Multicolored Fabric - per Added Color Active Decontamination Flap / Load Hole Flap Bow Reinforcements (10") / Tarp Reinforcements - per Foot ACCESSORIES GustBuster™ Tarp Cord Kit	+ + + + +  Standard - + + + +  Standard N/C N/C + + + + + + + + + + + + +

# RECOMMENDED HARDWARE QUANTITIES

		-	
SIZE	TARP STOPS	U-CLAMPS	STANDARD BOWS
25' to 26'	4	10	5
27' to 34'	5	10	6-7
35' to 43'	6	14	8-9
44' to 50'	7	16	10-11
51' to 54'	8	18	12

In the chart at left, features that come standard are indicated, but you can also see what options are available for this application in each category.

The plus sign (+) indicates that it would be an additional cost, a minus sign (-) lets you know it would cost less than standard and N/C indicates no difference in price.

Recommended hardware quantities are noted in the chart below left.

ALUMINUM LATCHPLATE

**EASY-OFF TARP STOP** 

GALVANIZED BOW/BRACKET

ALUMINUM END CAP

1" RIDGE STRAP

STRETCH CORD RETURN

STANDARD CRANK ARM

PINLESS CRANK RETAINER













# DOUBLE PROTECTION AGAINST MOISTURE



# SHUR-LOK® DOUBLE TARP SYSTEM

Safety is one huge advantage of utilizing Shur-Co's innovative double tarping system over a regular load hole tarp. You can keep both feet on the ground while opening the top tarp and exposing the load holes. No more having to climb up on top of the trailer!

Shur-Co's double Shur-Lok® system uses our stretch cord return for uniform tension control on the bottom tarp and a cable return for the top tarp – for constant, extremely even rolling. Two separate crank arms with retainers lock tarps into place for secure over-the-road travel and can be positioned on the front or rear of the trailer.

Operate the top tarp for added protection, unrolling it over the bottom tarp for the most watertight environment. When rolled open, load holes are fully exposed, without use of a catwalk to reach them, eliminating any need for flaps with Velcro® and straps. When rolled closed, bottom tarp locks into place as it cranks up under the latchplate, the original and ingeniously engineered Shur-Lok® design. An electric tarp system can also be used to run the top tarp remotely.

The bottom tarp contains two reinforced load holes – helpful for dust containment,meeting dust-control regulations and providing product protection. If load holes are not needed, just roll open both tarps for complete trailer access.

**Key Features:** Aluminum Latchplates (2 Sets), Easy-Off Tarp Stops, Ridge Straps (2), Front Cable Return and Stretch Cord Return, Standard Crank Arms w/80" Extensions (2), Pinless Retainer w/7" Standoffs (2), 18-Oz. Vinyl Double Tarp – Bottom Tarp Contains Load Holes (2).

NOTE: Upgrade kits are also available (chart on far right of page 15).









#### COMPLETE KIT FEATURES AND OPTIONS

LATCHPLATES	
Aluminum Latchplates (2 Sets)	Standard
TARP STOPS	
Easy-Off Tarp Stops	Standard
Flexible Easy-Off Tarp Stop	+
6" Offset Easy-Off Tarp Stop	+
6" Offset Flexible Easy-Off Tarp Stop	+
BOWS/BRACKETS	
Galvanized Steel (LR/HR) Bows/Brackets	Standard
Adjustable Galvanized Steel (LR/HR) Bow/Bracket	+
Additional Galvanized Steel (LR/HR) Bow/Bracket*	+
Additional Adjustable Galvanized Steel (LR/HR) Bow/Bracke	
END CAPS	
Aluminum Caps (LR/HR) w/Radius Corner Front Cap	Standard
Easy-Off Aluminum (LR/HR) Rear Cap	+
Galvanized Steel (LR/HR) Rear Cap	
Fabric (LR/HR) Rear Cap	+
Poorboy Rear Tapered Flap	N/C
Back Cap (LR) w/Extendable Spline	+
Fixed Aluminum Square (LR/HR) Front Cap	
Easy-Off Aluminum (LR/HR) Front Cap	+
Galvanized Steel (LR/HR) Front Cap	
Aluminum (LR) Universal Front Cap	+
RIDGE SUPPORTS	<u> </u>
1" or 2" Ridge Straps (2)	Standard
ROLL RETURNS	Stanuaru
Front Cable Return	Standard
Stretch Cord Return	Standard
Shur-Return™ (in lieu of Stretch Cord Return)	+
Cable Spool	+
Universal Cable Guide	+
CRANK ARMS	т
Standard Crank Arms (26-3/4") w/80" Extensions (2)	Standard
Standard Crank Arm (26-3/4") w/96" Extension	+
Long Crank Arm (60") w/80" Extension	+
	T
RETAINERS	Standard
RETAINERS Pinless Crank Retainers w/7" Standoffs (2)	Standard
RETAINERS Pinless Crank Retainers w/7" Standoffs (2) Crank Retainer w/7" Standoff	N/C
RETAINERS Pinless Crank Retainers w/7" Standoffs (2) Crank Retainer w/7" Standoff Additional Crank Retainer w/Standoff	
RETAINERS Pinless Crank Retainers w/7" Standoffs (2) Crank Retainer w/7" Standoff Additional Crank Retainer w/Standoff TARP OPTIONS	N/C +
RETAINERS Pinless Crank Retainers w/7" Standoffs (2) Crank Retainer w/7" Standoff Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Double Tarp - Choice of Color**	N/C + Standard
RETAINERS Pinless Crank Retainers w/7" Standoffs (2) Crank Retainer w/7" Standoff Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Double Tarp – Choice of Color** Load Holes (2) – Location to be Specified by Customer	N/C + Standard Standard
RETAINERS Pinless Crank Retainers w/7" Standoffs (2) Crank Retainer w/7" Standoff Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Double Tarp - Choice of Color** Load Holes (2) - Location to be Specified by Customer Extra Load Hole (18-Oz. Reinforced)	N/C + Standard Standard +
RETAINERS Pinless Crank Retainers w/7" Standoffs (2) Crank Retainer w/7" Standoff Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Double Tarp - Choice of Color** Load Holes (2) - Location to be Specified by Customer Extra Load Hole (18-Oz. Reinforced) Multicolored Fabric - per Added Color	N/C + Standard Standard + +
RETAINERS Pinless Crank Retainers w/7" Standoffs (2) Crank Retainer w/7" Standoff Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Double Tarp - Choice of Color** Load Holes (2) - Location to be Specified by Customer Extra Load Hole (18-Oz. Reinforced) Multicolored Fabric - per Added Color Active Decontamination Flap / Load Hole Flap	N/C + Standard Standard + +
RETAINERS Pinless Crank Retainers w/7" Standoffs (2) Crank Retainer w/7" Standoff Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Double Tarp - Choice of Color** Load Holes (2) - Location to be Specified by Customer Extra Load Hole (18-Oz. Reinforced) Multicolored Fabric - per Added Color Active Decontamination Flap / Load Hole Flap Bow Reinforcements (10") / Tarp Reinforcements - per Foot	N/C + Standard Standard + +
RETAINERS Pinless Crank Retainers w/7" Standoffs (2) Crank Retainer w/7" Standoff Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Double Tarp - Choice of Color** Load Holes (2) - Location to be Specified by Customer Extra Load Hole (18-Oz. Reinforced) Multicolored Fabric - per Added Color Active Decontamination Flap / Load Hole Flap Bow Reinforcements (10") / Tarp Reinforcements - per Foot ACCESSORIES	N/C + Standard Standard + + +
RETAINERS Pinless Crank Retainers w/7" Standoffs (2) Crank Retainer w/7" Standoff Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Double Tarp - Choice of Color** Load Holes (2) - Location to be Specified by Customer Extra Load Hole (18-Oz. Reinforced) Multicolored Fabric - per Added Color Active Decontamination Flap / Load Hole Flap Bow Reinforcements (10") / Tarp Reinforcements - per Foot ACCESSORIES Rear Cable Return	N/C + Standard Standard + + +
RETAINERS Pinless Crank Retainers w/7" Standoffs (2) Crank Retainer w/7" Standoff Additional Crank Retainer w/Standoff TARP OPTIONS 18-Oz. Vinyl Double Tarp - Choice of Color** Load Holes (2) - Location to be Specified by Customer Extra Load Hole (18-Oz. Reinforced) Multicolored Fabric - per Added Color Active Decontamination Flap / Load Hole Flap Bow Reinforcements (10") / Tarp Reinforcements - per Foot ACCESSORIES	N/C + Standard Standard + + +

 $<sup>{}^*</sup> Additional\ bow\ recommended\ for\ each\ load\ hole\ on\ bottom\ tarp.$ 

# RECOMMENDED HARDWARE QUANTITIES

		•	
SIZE	TARP STOPS	U-CLAMPS	STANDARD BOWS
25' to 26'	4	20	5
27' to 30'	5	20	6
31' to 34'	5	20	7
35' to 38'	6	28	8
39' to 43'	6	28	9
44' to 46'	7	32	10
47' to 50'	7	32	11
51' to 54'	8	36	12
47' to 50'	7 8	32	11 12

In the chart at left, features that come standard are indicated, but you can also see what options are available for this application in each category.

The plus sign (+) indicates that it would be an additional cost, a minus sign (-) lets you know it would cost less than standard and N/C indicates no difference in price.

Recommended hardware quantities are noted in the chart below left. Upgrades (versus complete kits) will only require U-clamp quantities.

Want to retrofit a basic Shur-Lok® system to a double system? See the chart directly below.

#### **UPGRADE FEATURES AND OPTIONS**

OT OTOTAL PROTECTION OF THOMS	
LATCHPLATES	
Aluminum Latchplate	Standard
BOWS/BRACKETS	
Adjustable Galvanized Steel (LR/HR) Bow/Bracket	+
Additional Galvanized Steel (LR/HR) Bow/Bracket*	+
Additional Adjustable Galvanized Steel (LR/HR) Bow/Bracket	* +
RIDGE SUPPORTS	
1" or 2" Ridge Strap	Standard
No Ridge Strap	-
ROLL RETURNS	
Front Cable Return	Standard
Stretch Cord Return	-
Shur-Return™	-
Cable Spool	+
Universal Cable Guide	+
CRANK ARMS	
Standard Crank Arm (26-3/4") w/80" Extension	Standard
Standard Crank Arm (26-3/4") w/96" Extension	+
Long Crank Arm (60") w/80" Extension	+
RETAINERS	
Pinless Crank Retainer w/7" Standoff	Standard
Crank Retainer w/7" Standoff	N/C
Additional Crank Retainer w/Standoff	+
TARP OPTIONS	
18-Oz. Vinyl Double Tarp - Choice of Color**	Standard
Load Holes (2) - Location to be Specified by Customer	Standard
Extra Load Hole (18-Oz. Reinforced)	+
Multicolored Fabric - per Added Color	+
Active Decontamination Flap / Load Hole Flap	+
Bow Reinforcements (10") / Tarp Reinforcements - per Foot	+
ACCESSORIES	
Rear Cable Return	+
Standard Bow Cover	+
Molded Roll Tube Deflectors (2)	+

<sup>\*</sup>Additional bow recommended for each load hole on bottom tarp.

 $<sup>^{**}</sup>$  Available tarp colors: black, red, royal blue, marine blue, gray, white, yellow, green, orange, grape, maroon, tan  $\it or$  brown.

 $<sup>^{**}</sup>$ Available tarp colors: black, red, royal blue, marine blue, gray, white, yellow, green, orange, grape, maroon,  $\tan or$  brown.



# SHUR-LOK® FOR END DUMPS

With Shur-Lok®, you get dependable water resistance and load protection, for increased productivity and less downtime – more loads mean more profit! A variety of options help you customize your trailer to meet your specific individual hauling needs.

The Shur-Flex™ crank provides convenient flexibility. It folds at the knuckle and secures with offset or pinless offset retainers – no more pin-and-cable hassles.

The front fabric cap makes it easy to come over the top of the doghouse. Double bows secure in a double bow bracket – exactly the right spacing for tightening down the front of the tarp.

A front stretch roll return guides the roll tarp over the end cap, with a protective cover to reduce rope fraying. Reinforced stitching along the radius corner of the front fabric cap increases tear strength and helps the tarp withstand the stress of highway speeds. A rear flap, called a poorboy tail, is also available for extended coverage.

**Key Features:** Aluminum Latchplate, Easy-Off Tarp Stops, Fabric Front/Rear Caps, Shur-Flex™ Crank Arm, Front Roll Return, Offset Crank Retainers (4), 22-Oz. Vinyl Tarp.

Galvanized and aluminum bow kits come standard with a 1" ridge strap; heavy-duty and Turning Point $^{\text{m}}$  bow kits have a rollaway ridgepole. Durabow $^{\text{m}}$  kits do not come with ridge support. Heavy-duty bow kits have the Shur-Return $^{\text{m}}$ ; all others have a stretch cord return.









FEATURES AND OPTIONS	
LATCHPLATES	
Aluminum Latchplate	Standard
Galvanized Steel Latchplate	N/C
TARP STOPS	
Easy-Off Tarp Stops	Standard
Standard Tarp Stop	-
Flexible Easy-Off Tarp Stop	+
6" Offset Easy-Off Tarp Stop	+
6" Offset Flexible Easy-Off Tarp Stop	+
BOWS/BRACKETS	
Turning Point™ Bow/Bracket - For Alumatech Trailers	+
Adjustable Galvanized Steel (LR/HR) Bow/Bracket	+
No Galvanized Steel (LR/HR) Bow/Bracket	-
No Heavy-Duty Bow/Bracket	_
No Aluminum Bow/Bracket	_
No Durabow™ Bow/Bracket	
Aluminum Brackets – For Durabow™ (2)	+
END CAPS	
Fabric (LR/HR) Front/Rear Caps	Standard
Combo Cap	N/C
Poorboy Rear Tapered Flap	N/C
No Rear Cap	IN/C
	N/C
Aluminum (LR) Universal Front Cap	
Poorboy Front Tapered Flap	N/C
Poorboy Front Radius/Diagonal Fitted Flap	N/C
No Front Cap	
RIDGE SUPPORTS	
1" Ridge Strap – Standard on Galv. & Alum. Bow Kit	
Rollaway Ridgepole – Standard on HD & TPB Bow Kit	+
Additional 1" or 2" Ridge Strap (Up to 56')	+
No Ridge Strap	
ROLL RETURNS	S: 1 1
Stretch Cord Return	Standard
Shur-Return™ - Standard on HD Bow Kit	+
CRANK ARMS	
54" Shur-Flex™ Crank Arm	Standard
40" Shur-Flex™ Crank Arm w/Retainer	N/C
80" Shur-Flex™ Crank Arm w/Retainer	+
Standard Crank Arm (26-3/4") w/80" Extension	-
Standard Crank Arm (26-3/4") w/96" Extension	
	-
Standard Crank Arm (26-3/4") w/96" Extension	<u> </u>
Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension RETAINERS Offset Crank Retainers (4) – Standard w/Shur-Flex™	-
Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4) – Standard w/Shur-Flex™  Offset Crank Retainers (4) – Standard w/Std. Crank	-
Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension RETAINERS Offset Crank Retainers (4) – Standard w/Shur-Flex™	+
Standard Crank Arm (26-3/4") w/96" Extension Long Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4) – Standard w/Shur-Flex™  Offset Crank Retainers (4) – Standard w/Std. Crank	++
Standard Crank Arm (26-3/4") w/96" Extension  Long Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4) − Standard w/Shur-Flex™  Offset Crank Retainers (4) − Standard w/Std. Crank  Offset Pinless Crank Retainers (4)	
Standard Crank Arm (26-3/4") w/96" Extension  Long Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4) – Standard w/Shur-Flex™  Offset Crank Retainers (4) – Standard w/Std. Crank  Offset Pinless Crank Retainers (4)  Offset Pinless Crank Retainers (2)  TARP OPTIONS	
Standard Crank Arm (26-3/4") w/96" Extension  Long Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4) – Standard w/Shur-Flex™  Offset Crank Retainers (4) – Standard w/Std. Crank  Offset Pinless Crank Retainers (4)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  22-Oz. Vinyl Tarp – Choice of Color*	+
Standard Crank Arm (26-3/4") w/96" Extension  Long Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4) - Standard w/Shur-Flex™  Offset Crank Retainers (4) - Standard w/Std. Crank  Offset Pinless Crank Retainers (4)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  22-Oz. Vinyl Tarp - Choice of Color*  Multicolored Fabric - per Added Color	+ Standard
Standard Crank Arm (26-3/4") w/96" Extension  Long Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4) - Standard w/Shur-Flex™  Offset Crank Retainers (4) - Standard w/Std. Crank  Offset Pinless Crank Retainers (4)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  22-Oz. Vinyl Tarp - Choice of Color*  Multicolored Fabric - per Added Color  Bow Reinforcements (10") / Tarp Reinforcements - per Foot	+ Standard +
Standard Crank Arm (26-3/4") w/96" Extension  Long Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4) - Standard w/Shur-Flex™  Offset Crank Retainers (4) - Standard w/Std. Crank  Offset Pinless Crank Retainers (4)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  22-Oz. Vinyl Tarp - Choice of Color*  Multicolored Fabric - per Added Color  Bow Reinforcements (10") / Tarp Reinforcements - per Foot  Load Hole Flap	+ Standard + +
Standard Crank Arm (26-3/4") w/96" Extension  Long Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4) - Standard w/Shur-Flex™  Offset Crank Retainers (4) - Standard w/Std. Crank  Offset Pinless Crank Retainers (4)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  22-Oz. Vinyl Tarp - Choice of Color*  Multicolored Fabric - per Added Color  Bow Reinforcements (10") / Tarp Reinforcements - per Foot  Load Hole Flap  ACCESSORIES	Standard + + +
Standard Crank Arm (26-3/4") w/96" Extension  Long Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4) - Standard w/Shur-Flex™  Offset Crank Retainers (4) - Standard w/Std. Crank  Offset Pinless Crank Retainers (4)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  22-Oz. Vinyl Tarp - Choice of Color*  Multicolored Fabric - per Added Color  Bow Reinforcements (10") / Tarp Reinforcements - per Foot  Load Hole Flap	+ Standard + +

<sup>\*</sup>Available tarp colors: black, red, royal blue, marine blue, gray, white, yellow, green, orange, grape, maroon, tan or brown.

# RECOMMENDED HARDWARE QUANTITIES

SIZE	TARP STOPS	STD BOWS	HD BOWS	TURNING POINT™	DURA- BOW™	ALUM BOWS
24' to 26'	4	5	2	4	5	5
27' to 30'	5	6	2	5	6	6
31' to 34'	5	7	2	5	7	7
35' to 38'	6	8	3	6	8	8
39' to 43'	6	9	3	6	9	9
44' to 46'	7	10	3	7	10	10
47' to 48'	7	11	4	7	11	11

In the chart at left, features that come standard are indicated, but you can also see what options are available for this application in each category.

The plus sign (+) indicates that it would be an additional cost, a minus sign (-) lets you know it would cost less than standard and N/C indicates no difference in price.

Recommended hardware quantities are noted in the chart below left.

**ALUMINUM LATCHPLATE** 

**EASY-OFF TARP STOP** 

FABRIC CAP

1" RIDGE STRAP

ROLLAWAY RIDGEPOLE

STRETCH CORD RETURN

SHUR-RETURN™

















# SHUR-LOK® FOR OPEN-TOP VANS

Choose the proper roll tube for your particular hauling needs. The 3-inch aluminum roll tube shows less deflection than the 2-inch galvanized tube and also rolls faster, but it sacrifices torque in doing so – and is no more lightweight despite its extruded construction.

Shur-Co's 3-inch roll tube is a good choice for loads that can make do with minimal or no bows. Upgrading to heavy-duty flat bows will reduce interference from loaders – an ideal accommodation for open-top vans that are maxed out on height allowance.

For standard 2-inch roll tube systems, upgrading to our extendable spline pull-out crank assembly allows the crank arm and U-joint to slide forward, bypassing hinges and clearing rear doors. This is ideal for open-top vans, Convertahoppers, belted floor trailers and "barn door" trailers. The design uses deeper caps that, if aluminum, are made of a heavier alloy. All require a cap depth of 26 inches.

**Key Features:** Aluminum Latchplate, 6" Offset Easy-Off Tarp Stops, Aluminum End Caps, Shur-Return™, 96" Shur-Flex™ Crank Arm, Offset Crank Retainers (4), 18-Oz. Vinyl Tarp.







## **FEATURES AND OPTIONS**

LATCHPLATES	
Aluminum Latchplate	Standard
Galvanized Steel Latchplate	N/C
TARP STOPS	
6" Offset Easy-Off Tarp Stops	Standard
6" Offset Flexible Easy-Off Tarp Stop	+
6" Offset Belt Flex Tarp Stop	+
Easy-Off Tarp Stop	
Flexible Easy-Off Tarp Stop	+
Easy-Off Belt-Flex Tarp Stop	N/C
Standard Tarp Stop	
BOWS/BRACKETS  Colvenited Steel (Flat (LB) Boys/Product	
Galvanized Steel (Flat/LR) Bow/Bracket	+ +
Adjustable Galvanized Steel (LR/HR) Bow/Bracket	+
Durabow™ w/Steel Bracket  Durabow™ w/Aluminum Bracket	+
Heavy-Duty (Flat/LR) Bow/Bracket	+
Aluminum Bow/Bracket	+
END CAPS	
Aluminum (Flat) End Caps	Standard
Fixed Aluminum (LR) Rear Cap	+
Galvanized Steel (LR) Rear Cap	N/C
Fabric (LR) Rear Cap	+
Poorboy Rear Tapered Flap	N/C
No Rear Cap (Flat)	-
Back Cap (Flat/LR) w/Extendable Spline	+
Fixed Aluminum (LR) Front Cap	N/C
Aluminum (Flat/LR) Radius/Diagonal Front Cap	+
Aluminum (Flat/LR) Universal Front Cap	+
Galvanized Steel (LR) Front Cap	-
Fabric (LR) Front Cap	+
Poorboy Front Tapered Flap	N/C
Poorboy Front Radius/Diagonal Fitted Flap	
	+
No Front Cap (Flat)	-
RIDGE SUPPORTS	-
RIDGE SUPPORTS 1" or 2" Ridge Strap (Up to 56')	- +
RIDGE SUPPORTS 1" or 2" Ridge Strap (Up to 56') ROLL RETURNS	+
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™	-
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return	+ Standard -
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return	- + Standard - +
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return	+ Standard -
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS	- + Standard - + +
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm	- + Standard - + +
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm	+ Standard - + + Standard N/C
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm	- + Standard - + +
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension	+ Standard - + + Standard N/C
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/80" Extension	+ Standard - + + Standard N/C
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension	+ Standard - + + Standard N/C
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Long Crank Arm (60") w/80" Extension	+ Standard - + + Standard N/C
Tiror 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (60") w/80" Extension  RETAINERS	+ Standard - + + Standard N/C
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Long Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4)	- + Standard - + + Standard N/C N/C - - -
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (60") w/80" Extension  RETAINERS	- + Standard - + + Standard N/C N/C Standard
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4)  Offset Crank Retainers (2)	- + Standard + + + Standard N/C N/C Standard N/C
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4)  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (4)	- + Standard - + + Standard N/C N/C Standard N/C +
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4)  Offset Pinless Crank Retainers (4)  Offset Pinless Crank Retainers (2)	- + Standard - + + Standard N/C N/C Standard N/C +
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4)  Offset Pinless Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color	- + Standard - + + + Standard N/C N/C Standard N/C + + + +
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4)  Offset Pinless Crank Retainers (4)  Offset Pinless Crank Retainers (2)  TARP OPTIONS	- + Standard - + + Standard N/C N/C Standard N/C + + +
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4)  Offset Pinless Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color  22-Oz. Vinyl Tarp - Choice of Color	- + Standard - + + Standard N/C N/C Standard N/C + + + Standard
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4)  Offset Pinless Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color	- + Standard - + + Standard N/C N/C Standard N/C + + + Standard + +
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Standard Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4)  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color  Mesh Insert (72" x 26")	- + Standard - + + Standard N/C N/C Standard N/C + + + Standard + + + + + + + + + + + + + + + + + + +
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Long Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4)  Offset Pinless Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color  Mesh Insert (72" x 26")  Tarp Reinforcements - per Foot	- + Standard - + + Standard N/C N/C Standard N/C + + + Standard + + + + + + + + + + + + + + + + + + +
RIDGE SUPPORTS  1" or 2" Ridge Strap (Up to 56')  ROLL RETURNS  Shur-Return™  Stretch Cord Return  Front Cable Return  Heavy-Duty Arm Return  CRANK ARMS  96" Shur-Flex™ Crank Arm  54" Shur-Flex™ Crank Arm  80" Shur-Flex™ Crank Arm  Standard Crank Arm (26-3/4") w/33" Extension  Standard Crank Arm (26-3/4") w/80" Extension  Standard Crank Arm (26-3/4") w/96" Extension  Long Crank Arm (60") w/80" Extension  RETAINERS  Offset Crank Retainers (4)  Offset Pinless Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color  Mesh Insert (72" x 26")  Tarp Reinforcements - per Foot  ACCESSORIES	- + Standard - + + Standard N/C N/C Standard N/C + + + + + + + + + + + + + + + + + + +

# **RECOMMENDED HARDWARE QUANTITIES**

SIZE	TARP STOPS	U-CLAMPS	STD. BOWS	HD BOWS
28' to 30'	5	10	6	2
31' to 34'	5	10	7	2
35' to 38'	6	14	8	3
39' to 43'	6	14	9	3
44' to 46'	7	16	10	3
47' to 50'	7	16	11	4
51' to 54'	8	18	12	4

In the chart at left, features that come standard are indicated, but you can also see what options are available for this application in each category.

The plus sign (+) indicates that it would be an additional cost, a minus sign (-) lets you know it would cost less than standard and N/C indicates no difference in price.

Recommended hardware quantities are noted in the chart below left.

**ALUMINUM LATCHPLATE** 

6" OFFSET EASY-OFF TARP STOP

ALUMINUM END CAP

SHUR-RETURN™

OFFSET CRANK RETAINER

18-OZ. VINYL TARP

**EXTENDABLE SPLINE** 

SHUR-FLEX™ CRANK ARM



















# SHUR-LOK® JUNIOR FOR GRAIN WAGONS

The super-affordable Shur-Lok® Junior's tarp opens and closes exactly like *The Original* Shur-Lok®, but the caps are built right in. One-person operation is fast and easy – you crank the tarp up and over while remaining safely on the ground.

A specially designed econo-crank with square key allows for 4-position adjustment of the tarp tension. Easy-to-reach straps with bungee cords facilitate quick release and are readily accessible when securing the tarp for windy weather and transport.

Recessed tarp stops wrap the narrow top rails of grain wagons and keep the tarp from rolling off. The plastic protective cap protects the tarp from sharp corners.

**Key Features:** Galvanized Steel Latchplate, Fabric Caps Formulated into Tarp, Galvanized Steel Bows/Brackets, Recessed Tarp Stops, Crank Arm w/4-Position U-Joint, J-Hook Retainer w/7" Standoff, 1" Ridge Rope, 18-Oz. Vinyl Tarp.

Recommended for boxes up to 9' wide and 15' long and vehicles not exceeding speeds of 35 mph.









# PREMIUM BELT 'N RATCHET SYSTEM (PBR)

If you're in the business of transporting light yet bulky materials like wood chips and trash, it's a good bet that you'll find the Premium Belt 'n Ratchet the perfect tarping system. It allows you to heap your loads above the bows and still keep the tarp tight for complete containment.

Belt 'n ratchet cranks are available in 84-inch and 114-inch lengths. Hold-downs secure the tarp tube for uniform tension. These can be ordered as strap tie-downs in 7-foot or 9-foot lengths or as ratchets with optional quick-release straps.

An improved crank key on the econo-joint offers easy crank installation and removal. You can also order a convenient leave-on option for the crank arm that allows it to remain attached to the trailer with a wire lock or pin.

**Key Features | Farm Body:** 5" Belt w/2" Ratchet Hold-Downs, Standard Tarp Stops, Galvanized Steel Bows/Brackets, Aluminum End Caps, 1" Ridge Strap, Rope Return, Square Key Crank Arm, Offset Crank Retainers (2), 18-Oz. Vinyl Tarp.

**Key Features | Grain Trailer:** 5" Belt w/2" Ratchet Hold-Downs, Standard Tarp Stops, Galvanized Steel Bows/Brackets, Aluminum Caps w/Radius Corner Front Cap, 1" Ridge Strap, Rope Return, Square Key Crank Arm, Offset Crank Retainers (2), 18-Oz. Vinyl Tarp.

Key Features | End Dump: 5" Belt w/2" Ratchet Hold-Downs, Easy-Off Tarp Stops, Fabric Front/Rear Caps, 1" Ridge Strap (Standard/Aluminum Kits), Rollaway Ridgepole (HD/TPB Kits), Rope Return, Square Key Crank Arm, Offset Crank Retainers (2), 22-Oz. Vinyl Tarp.



In the chart at right, features that come standard for end dumps are indicated, but you can also see what options are available for this application in each category.

The plus sign (+) indicates that it would be an additional cost, a minus sign (-) lets you know it would cost less than standard and N/C indicates no difference in price.

Recommended hardware quantities are noted in the chart below right.



**RATCHET HOLD-DOWN** 





FABRIC CAP





ROLLAWAY RIDGEPOLE

ROPE RETURN

SQUARE KEY CRANK ARM

## FEATURES AND OPTIONS End Dumps

FEATORES AND OPTIONS End Dumps	
HOLD-DOWNS	
5" Belt w/2" Ratchet Hold-Downs	Standard
Strap Hold-Down w/Hook	+
Cable Hold-Down	+
TARP STOPS	
Easy-Off Tarp Stops	Standard
Standard Tarp Stop	
Flexible Easy-Off Tarp Stop	+
6" Offset Easy-Off Tarp Stop	+
6" Offset Flexible Easy-Off Tarp Stop	+
BOWS/BRACKETS	
Turning Point™ Bow/Bracket - For Alumatech Trailer	+
Adjustable Galvanized Steel (LR/HR) Bow/Bracket	+
No Galvanized Steel (LR/HR) Bow/Bracket	_
No Heavy-Duty Bow/Bracket	_
No Aluminum Bow/Bracket	-
No Durabow™ Bow/Bracket	-
Aluminum Brackets - For Durabow™ (2)	+
END CAPS	
Fabric (LR/HR) Front/Rear Caps	Standard
Combo Cap	N/C
Poorboy Rear Tapered Flap	N/C
No Rear Cap	-
Aluminum (LR) Universal Front Cap	N/C
Poorboy Front Tapered Flap	N/C
Poorboy Front Radius / Diagonal Fitted Flap	N/C
No Front Cap	_
RIDGE SUPPORTS	
1" Ridge Strap – <b>Standard on Std. &amp; Alum. Bow Kit</b>	
Rollaway Ridgepole - Standard on HD & TPB Bow Kit	
Additional 1" or 2" Ridge Strap (Up to 56')	+
No Ridge Strap	
ROLL RETURNS	
Rope Return	Standard
CRANK ARMS	
Crank Arm w/Square Key	Standard
Crank Arm Extension	+
Leave-On Crank Option	+
RETAINERS	
Offset Crank Retainers (2)	Standard
Offset Pinless Crank Retainers (2)	+
TARP OPTIONS	
22-Oz. Vinyl Tarp - Choice of Color*	Standard
Multicolored Fabric - per Added Color	+
Bow Reinforcements (10") / Tarp Reinforcements – per Foot	+
ACCESSORIES	
Standard Bow Cover	+
Durabow™ Bow Sock	+
Molded Roll Tube Deflectors (2)	+

<sup>\*</sup>Available tarp colors: black, red, royal blue, marine blue, gray, white, yellow, green, orange, grape, maroon, tan *or* brown.

# **RECOMMENDED HARDWARE QUANTITIES**

SIZE	TARP STOPS	STD BOWS					STRAPS/ RATCHETS
24' to 26'	4	5	2	4	5	5	4
27' to 30'	5	6	2	5	6	6	5
31' to 34'	5	7	3	5	7	7	5
35' to 38'	6	8	3	6	8	8	6
39' to 43'	6	9	3	6	9	9	6
44' to 46'	7	10	3	7	10	10	7
47' to 48'	7	11	4	7	11	11	7

# FEATURES AND OPTIONS | Farm Bodies, Grain Trailers

HOLD-DOWNS	
5" Belt w/2" Ratchet Hold-Downs	Standard
Strap Hold-Down w/Hook	+
Cable Hold-Down	+
TARP STOPS	
Easy-Off Tarp Stops	Standard
Standard Tarp Stop	-
Flexible Easy-Off Tarp Stop	+
6" Offset Easy-Off Tarp Stop	+
6" Offset Flexible Easy-Off Tarp Stop	+
BOWS/BRACKETS	
Galvanized Steel (LR/HR) Bows/Brackets	Standard
Adjustable Galvanized Steel (LR/HR) Bow/Bracket	+
Additional Galvanized Steel (LR/HR) Bow/Bracket	+
Additional Adjustable Galvanized Steel (LR/HR) Bow/Bracket	+
No Galvanized Steel (LR/HR) Bow/Bracket	-
END CAPS	
Aluminum Caps - Standard on FBs	
Aluminum Caps w/Radius Corner Front Cap - Standard on G	Ts
Easy-Off Aluminum (LR/HR) Rear Cap	+
Galvanized Steel (LR/HR) Rear Cap	-
Fabric (LR/HR) Rear Cap	+
Poorboy Rear Tapered Flap	N/C
No Rear Cap	-
Fixed Aluminum Square (LR/HR) Front Cap - For GTs	-
Radius/Diagonal Aluminum (LR/HR) Front Cap - For FBs	+
Easy-Off Aluminum (LR/HR) Front Cap	+
Galvanized Steel (LR/HR) Front Cap	_
Aluminum (LR) Universal Front Cap	+
Fabric (LR/HR) Front Cap	+
No Front Cap	_
RIDGE SUPPORTS	
1" Ridge Strap	Standard
2" Ridge Strap	N/C
Additional 1" or 2" Ridge Strap (Up to 56')	+
	_
No Ridge Strap	-
No Ridge Strap  ROLL RETURNS	- Standard
No Ridge Strap ROLL RETURNS Rope Return	- Standard
No Ridge Strap ROLL RETURNS Rope Return CRANK ARMS	
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key	Standard
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key  Crank Arm Extension	Standard +
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key  Crank Arm Extension  Leave-On Crank Option	Standard
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key  Crank Arm Extension  Leave-On Crank Option  RETAINERS	Standard + +
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key  Crank Arm Extension  Leave-On Crank Option  RETAINERS  Offset Crank Retainers (2)	Standard + + Standard
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key  Crank Arm Extension  Leave-On Crank Option  RETAINERS  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)	Standard + +
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key  Crank Arm Extension  Leave-On Crank Option  RETAINERS  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS	Standard + + Standard +
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key  Crank Arm Extension  Leave-On Crank Option  RETAINERS  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color	Standard + + Standard + Standard
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key  Crank Arm Extension  Leave-On Crank Option  RETAINERS  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color  22-Oz. Vinyl Tarp - Choice of Color	Standard + + Standard + Standard +
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key  Crank Arm Extension  Leave-On Crank Option  RETAINERS  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color	Standard + + Standard + Standard + + +
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key  Crank Arm Extension  Leave-On Crank Option  RETAINERS  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color  Active Decontamination Flap - For GTs	Standard + + Standard + Standard + + + +
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key  Crank Arm Extension  Leave-On Crank Option  RETAINERS  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color  Active Decontamination Flap - For GTs  Bow Reinforcements (10') - For GTs /	Standard + + Standard + Standard + + + + +
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key  Crank Arm Extension  Leave-On Crank Option  RETAINERS  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color  Active Decontamination Flap - For GTs  Bow Reinforcements (10') - For GTs /  Tarp Reinforcements - per Foot	Standard + + Standard + Standard + + + +
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key  Crank Arm Extension  Leave-On Crank Option  RETAINERS  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color  Active Decontamination Flap - For GTs  Bow Reinforcements (10') - For GTs /  Tarp Reinforcements - per Foot  ACCESSORIES	Standard + + Standard + Standard + + + + +
No Ridge Strap  ROLL RETURNS  Rope Return  CRANK ARMS  Crank Arm w/Square Key  Crank Arm Extension  Leave-On Crank Option  RETAINERS  Offset Crank Retainers (2)  Offset Pinless Crank Retainers (2)  TARP OPTIONS  18-Oz. Vinyl Tarp - Choice of Color  22-Oz. Vinyl Tarp - Choice of Color  Multicolored Fabric - per Added Color  Active Decontamination Flap - For GTs  Bow Reinforcements (10') - For GTs /  Tarp Reinforcements - per Foot	Standard + + Standard + Standard + + + + +

<sup>\*</sup>Available tarp colors: black, red, royal blue, marine blue, gray, white, yellow, green, orange, grape, maroon, tan *or* brown.

# **RECOMMENDED HARDWARE QUANTITIES**

SIZE	TARP STOPS	STANDARD BOWS	U-CLAMPS	STRAPS/ RATCHETS
FARM BODIES				
10' to 14'	3	2	6	3
15' to 18'	3	3	6	3
19' to 22'	4	4	8	4
23' to 24'	4	5	8	4
GRAIN TRAILERS				
25' to 26'	3	4	5	5
27' to 30'	4	5	6	5
31' to 34'	4	5	7	5
35' to 38'	5	6	8	6
39' to 43'	5	6	9	6
44' to 46'	6	7	10	7
47' to 54'	6	7	11	7

In the chart at left, features that come standard for farm bodies and grain trailers are indicated, but you can also see what options are available for these applications in each category.

The plus sign (+) indicates that it would be an additional cost, a minus sign (-) lets you know it would cost less than standard and N/C indicates no difference in price.

Recommended hardware quantities are noted in the chart below left.

**RATCHET HOLD-DOWN** 

STANDARD TARP STOP

GALVANIZED BOW/BRACKET

ALUMINUM END CAP

1" RIDGE STRAP

ROPE RETURN

SQUARE KEY CRANK ARM

OFFSET CRANK RETAINER













GUSTBUSTER™ TARP CORDS

Exclusive design – like no other tarp cord in the industry! GustBusters attach permanently to trailers to hold down tarps. Keep yours from flipping in the wind – and perhaps taking you with it. Unique dual-grommet design accommodates both 96" and 102" trailer widths.

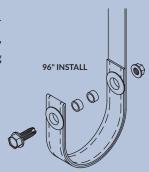
Moisture-resistant polyester construction reduces the chance of dirt and grime getting embedded in the webbing to keep cords from turning brittle and abrasive. Durable stretch membrane is integrated throughout the webbing, so it won't bunch up on one side of the trailer. Flat profile of the cords holds contact with the tarp, for better wear and extended tarp life.

Grommets are centered in the cord, for a balanced look and most secure attachment. Aluminum construction of both the grommet and bushing helps prevent corrosion, upping the resistance factor, and matches the mounting screw for a sharper look.

Key Features: GustBuster™ Cords (2), Textured Poly Webbing, Dual-Grommet Ends, Aluminum Grommet/Bushing, Mounting Hardware, Easy-to-Follow Instructions.



Watch the GustBuster™ tarp cords in action!



102" INSTALL

0





#### **BOW COVERS**



#### **Standard**

Vinyl-coated compound protects bows against wear. Reduces grain splatter.

#### **Durabow™ Bow Sock**

Designed to protect Durabows from pitting. Extends the life of bows and tarp.

#### **BOWS/BRACKETS**



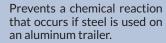
#### **Galvanized Steel**

Bracket lets bow flex to allow for box expansion. Extended version also available.



Adjusts bow length without cutting/welding loose shank. Secured with 5/16-inch bolt.

#### **Aluminum**





Beefed-up bow permits bow spacing up to 12 feet apart. Used with rollaway ridgepole.

#### Flat

Flattened version of a heavyduty bow - no-rise design for less loader interference.

#### Durabow™

Molded resin bow supports tarp but has enough give to be left on during loading.

#### **Stainless Steel**

Our universal bow bracket in stainless steel. For durability in corrosive environments.

#### **Turning Point™**

Angled bracket allows bow to move freely. Swings up and over loads without binding.

#### **CRANK ARMS**



Straight

Provides 4-position length adjustment. Mounts horizontally or vertically. In 3 sizes.

#### Shur-Flex™

Pivots on a knuckle and folds for storage. Stores on side to accommodate rear doors.

#### Square Key

Improved pilot crank key on econo-joint makes for easier

crank installation or removal.

#### **CRANK ARM HARDWARE**



#### **Standard Retainer**

Traditional J-hook makes use of pins and cables to secure crank to trailer.

#### **Pinless Retainer**

Secures crank arm to trailer without pins or cables. Safe and easy to use.



#### **Offset Pinless Retainer**

Provides added security, eliminates pin-and-cable hassles. Use on either side of trailer.



#### **Standoffs**

Choose from 2-inch, 3-inch, 7-inch and 11-inch sizes for optimal retainer placement.



#### **Universal Retainer Support**

Accommodates a non-vertical configuration on carts or wagons. In 24, 33 and 42 inches.





#### **Extendable Spline**

Allows crank arm and U-joint to slide forward, bypassing hinges and clearing rear doors.



#### **END CAPS**



# **Galvanized Steel**

Weld-free construction offers corrosion resistance. Front guard reduces wind whip.

#### **Aluminum**

Sharper match for aluminum trailers. High-rise option provides more space for loads.

#### **Easy-Off Aluminum**

Anchors with an over-center clamp inside box for easier access and faster removal.

#### **Fabric**

Forms watertight seal where tarp and trailer meet. Flexes to prevent loading damage.

## **Easy-Off Fabric**

Facilitates fast, easy removal. Bolts on or secures with bungee cord tiedowns.

#### **Universal Aluminum**

Flat 22-inch extension is cut and shaped at install. For trailers with hard-to-fit fronts.

#### **Stainless Steel**

For increased corrosion resistance, more durable performance and sharper appearance.

#### Fabric Flap/Poorboy Tail

Increased loading space and cargo protection. Poorboy tail is built right into tarp.

#### **Universal Flat**

Flat, 22-inch extension helps minimize total height of trailer for hard-to-fit models.

#### Combo Cap

Arched, fixed aluminum surface offers an improved seal, less wear on fabric portion.

#### **HIGH-LIFT END GATES**



#### Offset Adjustable Bracket

Allows spacing of latchplate and tarp stop out flush with width of end gate. Used primarily for high-lift end gates.

#### **HOLD-DOWNS**



#### **Strap Tiedown**

Fast and easy to use. Durable; withstands use and abuse. In 7-foot and 9-foot lengths.

#### **Ratchet Hold-Down**

Available in D-ring and feedthrough hook styles. Optional quick-release straps.

#### **LATCHPLATES**



#### **Galvanized Steel**

Runs entire length of box to offer resistance for roll tube to snug up against.

#### **Aluminum**

#### Lighter-weight version of galvanized latchplate, for a more professional appearance.

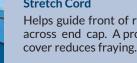
# **RETURNS**



#### **PBR Rope**

Solid braid run through hole in tarp helps to pull tarp over. Secures with box hooks.

#### **Stretch Cord**



Helps guide front of roll tube across end cap. A protective

# **Cable Return**



Uses a non-stretch cable and steel tension spring. Installs on front or rear of trailer.

#### Shur-Return™



Non-stretch solid braid rope with heavy-duty steel tension spring. Works well in cold.



SHUR-LOK

#### **RIDGE SUPPORTS**



#### **Ridge Strap**

Stretch-resistant webbing prevents tarp sag between bows. In 1-inch and 2-inch sizes.

#### **Stainless Ridge Strap**

Same design as our standard ridge strap – in stainless steel for more corrosion resistance.



#### **Dual Ridge Straps**

Offset placement offers bigger opening and clear flow for loading. Cuts grain splatter.



# Rollaway Ridgepole

Steel pole with protective end caps. Slides into pocket, then rolls up along with tarp.

#### **ROLL TUBE DEFLECTORS**



#### **Molded Deflector**

Reduces dings and scratches on carts and trailers. High-impact plastic, in black or gray.

# TARP OPTIONS



#### **Solid Vinyl-Coated Fabric**

Heat-welded seams provide an added moisture barrier. Builtin UV inhibitors resist fading.



#### Mesh Fabric

Durable lightweight fabric offers good air circulation in addition to secure containment.



#### **Active Decontamination Flap**

Helps keep product off of top rails after loading, dumping it back into load.



#### **Load Hole Flap**

Velcro® with buckle fastener facilitates all-weather loading, dust control. Not waterproof.



#### **Multicolored Fabric**

Custom color creates high visibility for instant recognition. Acts as a deterrent to theft.

#### TARP REPAIR



# **Standard Kit**

One pint of cleaner, 1 quart of vinyl cement and 10 square feet of vinyl-coated fabric.



#### **Professional Kit**

Includes a Wagner heat gun, scissors, roller, 10 square feet of fabric and instructions.

# TARP STOPS All interchangeable – use same hole spacing.

#### **Standard**

Attaches fixed tube to side of trailer. Protective rubber top guards tarp from sharp edges.



#### 3" Offset

Configured to store tarp off to side of top rail for additional loading space.



#### Recessed

Wraps outside of narrow top rail on grain carts. Accommodates lip in-lip out top rails.



# **Redesigned Easy-Off**

Taller, with a patent-pending curved tip. Keeps tarp from getting hung up and rubbing.



#### Flexible Easy-Off

Bends even in subzero cold. Impact and abrasion resistant with embedded safety plates.



## Redesigned 6" Offset EO

Offset design offers maximum loading space. Taller, with a patent-pending curved tip.



#### 6" Offset Flexible Easy-Off

All the advantages of regular 6-inch offset easy-off stops, plus cold-temp flexibility.



#### **Easy-Off Belt Flex**

Belted to flex in low clearance to end tarp stop damage. A 6inch offset style also available.

#### **Powder-Coated/Stainless**

Our basic easy-off stop – with a black powder-coated finish and stainless steel stop body.

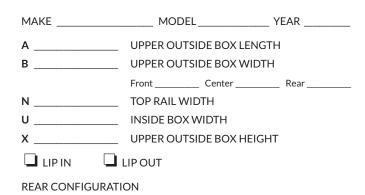
to 605.665.0501.

# SHUR-LOK® BOX DETAILS For Grain Carts and Wagons

Shur-Lok® tarps are custom made to order and are nonreturnable. The correct measurements are essential for proper tarp fit. Please provide all requested information or your order may be delayed.

Please do not use universal box sizes; always use the actual physical measurements. Box size and finished tarp size are not the same.

Go online at www.shurco.com to find box detail sheets that you can fill out on your computer and email to sales@shurco.com or forms to print off, fill out and fax



☐ VERTICAL ☐ SLOPED

BOX EXTENSION STYLE | See Figures 1 and 2

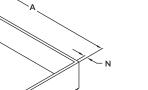
FLAT SLANTED FLAT W/ANGLE

☐ SLANTED W/ANGLE ☐ SLANTED W/OVERHANG
☐ SLANTED W/OVERHANG AND ANGLE

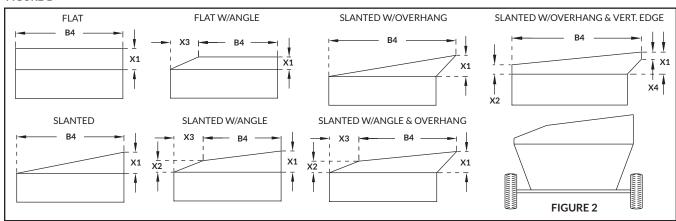
☐ SLANTED W/OVERHANG AND VERTICAL EDGE

BOX EXTENSION DIMENSIONS









NOTE: Flat caps can only be used on a SLANTED extension (see above), and the side walls <u>must be vertical</u>. If ordering galvanized caps, make sure box is flat across top. Figure 2 shows a box with an uneven angle across the top. Galvanized caps will NOT fit this box; you must order fabric caps instead.

# $SHUR\text{-}LOK @ BOX DETAILS \\ \ \ \text{For Farm Bodies, Fertilizer Tenders and Spreaders} \\$

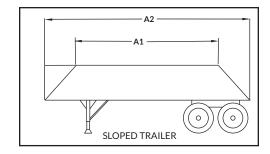
A B N U X	UPPER BOX LENGT UPPER BOX WIDTH Front Cent TOP RAIL WIDTH INSIDE BOX WIDTH OUTSIDE BOX HEIG	l er Rear	Shur-Lok® tarps are custom made to order and are nonreturnable. The correct measurements are essential for proper tarp fit. Please provide all requested information or your order may be delayed.  Please do not use universal box sizes; always use the actual physical measurements. Box size and finished tarp size are not the same.
C SQUARE  C SQUARE  C SQUARE  V SQUARE  V SQUARE	DIAGONAL  OUTSIDE CORNER R  FLAT ACROSS FROM  FLAT ACROSS DIAG		Go online at www.shurco.com to find box detail sheets that you can fill out on your computer and email to sales@shurco.com or forms to print off, fill out and fax to 605.665.0501.
SPREADER STYLE:	INSIDE BOX SELF-PROPELLED SPINNER PL		DIAGONAL RADIUS
IF TENDER: MOUNTING STYLE: SPREADER STYLE:		DE-FOLD REAR	

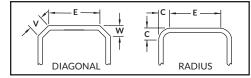
# SHUR-LOK® BOX DETAILS For Grain Trailers

Shur-Lok® tarps are custom made to order and are nonreturnable. The correct measurements are essential for proper tarp fit. Please provide all requested information or your order may be delayed.

Please do not use universal box sizes; always use the actual physical measurements. Box size and finished tarp size are not the same.

Go online at www.shurco.com to find box detail sheets that you can fill out on your computer and email to sales@shurco.com or forms to print off, fill out and fax to 605.665.0501.

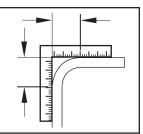


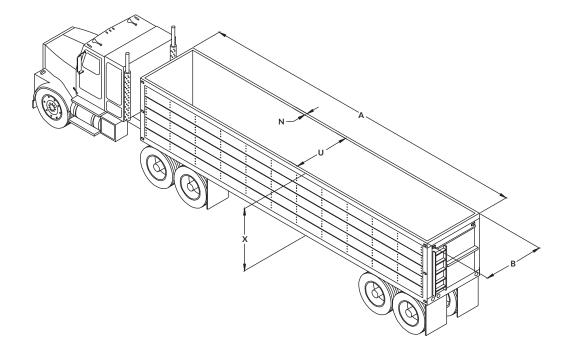


MAKE	MODEL		YEAR
Α	UPPER BOX LE	NGTH	
	A1	TAPERED	UPPER LENGTH
	A2	TAPERED	LOWER LENGTH
В	UPPER BOX W	/IDTH	
	Front	Center	Rear
N	TOP RAIL WID	TH	
U	INSIDE BOX W	/IDTH	
X	BOX HEIGHT		
CORNER CONFIGUR	ATION		
SOLIABE	DIAGONAI		RADIUS

SQUARE	DIAGONAL	RADIUS
c	OUTSIDE CORNER RAD	IUS   For all radius fronts
E	FLAT ACROSS FRONT	
V	FLAT ACROSS DIAGON	<b>NAL</b>
W	DIAGONAL DEPTH	

To measure radius corners correctly, place a carpenter's square on the front radius of the trailer. Measure at the point where the radius starts to arch around the front of the trailer.





# SHUR-LOK® BOX DETAILS For End Dumps

MAKE	MODEL YEA	R	Shur-Lok® tar	ps are custom made	e to order and are
Α	UPPER BOX LENGTH			. The correct measur	
	UPPER BOX WIDTH		tial for prope	r tarp fit. Please pro	ovide all requested
	Front	ear	information or	your order may be d	elayed.
N	TOP RAIL WIDTH		Please do not	use universal box siz	zes; always use the
U	INSIDE BOX WIDTH		actual physica	l measurements. Box	x size and finished
X	BOX HEIGHT		tarp size are n	ot the same.	
CORNER CONFIGUR			Go online at w	ww.shurco.com to fir	nd box detail sheets
_ '	DIAGONAL 🔲 RADIUS/NO REC		that you can	fill out on your com	outer and email to
SQUARE RECESS	☐ DIAGONAL RECE	ESS	sales@shurco.	com or forms to print	off, fill out and fax
C OUTSIE	DE CORNER RADIUS For all radius front	S	to 605.665.05	01.	
D RECESS	ED WIDTH <b>E</b> F	LAT ACROSS FRONT	г		
F FRONT	CORNER POST G C	SUSSET LENGTH			B—E—IC—
V FLAT AG	CROSS DIAGONAL <b>W</b> [	DIAGONAL DEPTH		V E W	
TARP RAIL STYLE					
SQUARE	SELF CLEANING 📮 SQUARE W	//PΙ ΔΝΚ <b>ς</b> *		│ <sub>DIAGONAL</sub> │	RADIUS/    NO RECESS
•	outside of top rail? Y / N (Circle one			<del></del> B	NO RECESS
TARP RAIL DROP				D—————————————————————————————————————	D
	REAR				
	HEAD DEPTH O1 FR			∭ ∭ SQUARE RECESS	
M THRES	SHOLD DEPTH O2 RE	AR TOP RAIL DROP	L	SQUARE RECESS	DIAGONAL RECESS
FRONT END STYLE				SQUA	ARE
RAISED FRONT S	SHIELD RAISED SHIELD/FLA	T TOP RAIL			
SLANT W/CURVI	ED SLANT W/SQUARE F	RAISED FRONT			
RAISED FRONT	SQUARE TUB W/IN	VERTED RAM			SELF CLEANING
AD CYLIN	DER HEIGHT J UP	PER SHIELD WIDTH			
AE DOGH	HOUSE DEPTH J1 DC	OGHOUSE WIDTH		SQI	JARE W/PLANKS
H SHIEL	D HEIGHT K LO	WER SHIELD WIDTH	Г	→ L   - I	— M -
REAR DUMP STYLE				01	02
OVEDSLUNG HIM	NGE GATE 🔲 COMBO DOOR HIN	ICE CATE			† <b>\</b>
HIGH POWER LI	_				)
			L	FRONT	REAR -
B BOX V			AF	<b>▲</b> ↓AD	<u> </u>
AK HING			JI Company		H
AK HINGI	LINEIGHT			SQUARE TUB W/	<b>\ \ \ </b>
				INVERTED RAM	SLANT W/CURVED
		RA	AISED FRONT SHIELD		RAISED FRONT
			AISED AE		SLANT
	N	SI	HIELD T	J'H L	J W/SQUARE RAISED
			DP RAIL	11	FRONT
		_			
		>		1BO DOOR IGE GATE AF AF	K HIGH POWER LIFT GATE
				B	AF
		// B		AK	AK

OVERSLUNG HINGE GATE RAISED HINGE GATE

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Check out our Genuine Shur-Co® replacement parts, professionally engineered in compliance with the most stringent safety standards. All have excelled in rigorous field testing and are proven to fit and function better.

Shur-Co's strict quality and tolerance guidelines promote dependable product interchangeability. For example, even if a Shur-Lok® is 20 years old, new Shur-Lok® parts are guaranteed to fit. Remember that utilizing non-Genuine parts voids your warranty.

NOTE: All components other than standard may require non-refundable engineering/manufacturing fees. Call for details.

# SHUR-LOK® EXPRESS TARPS



## AFFORDABLE AND READY FOR SHIPPING

Shur-Co® Express offers same-day shipping on stock tarp orders from the part-numbered list at right that are placed by 12:00 noon Central Time on our dedicated express line (below). We offer 12 sizes designed to fit the most common trailer sizes. If the size you need is not listed, we will fabricate to your length specifications and ship the next business day, depending on method of delivery, destination and size of order.

All Shur-Co® Express orders are processed at our Ft. Dodge, IA service center and cut and sewn at our Yankton, SD manufacturing facility. Most are built to Super Duty width (123 inches) and are only available for trailers 96 inches wide.

To place your orders, call: **866.356.0245** 



PART#	LENGTH	WIDTH	WEIGHT	COLOR	FABRIC
1901256	31' 6"	123"	18-Oz.	Black	Vinyl
1901257	35' 9"	123"	18-Oz.	Black	Vinyl
1901258	37'	123"	18-Oz.	Black	Vinyl
1901259	38' 8"	123"	18-Oz.	Black	Vinyl
1901260	39'	123"	18-Oz.	Black	Vinyl
1901261	39' 6"	123"	18-Oz.	Black	Vinyl
1901329	39' 10"	123"	18-Oz.	Black	Vinyl
1901262	40' 1"	123"	18-Oz.	Black	Vinyl
1901270	40' 10"	123"	18-Oz.	Black	Vinyl
1901263	41' 3"	123"	18-Oz.	Black	Vinyl
1901745	41' 3"	129"	18-Oz.	Black	Vinyl
1901271	41' 10"	123"	18-Oz.	Black	Vinyl
1901264	42' 1"	123"	18-Oz.	Black	Vinyl
1901744	42' 1"	129"	18-Oz.	Black	Vinyl
1901423	49'	123"	18-Oz.	Black	Vinyl
1901266*	42' 6"	123"	18-Oz.	Black	Vinyl
1901265*	48' 8"	123"	18-Oz.	Black	Vinyl

<sup>\*</sup>These sizes are blanks which can be finished to your exact tarp length specifications.

# MOST POPULAR SHUR-CO® REPLACEMENT PARTS



1100171 Standard Crank Arm - 24"



1125680 GustBuster  $^{\text{\tiny TM}}$  Tarp Cords - GT - 2 Cords

1101929 Offset J-Hook Crank Retainer Kit

1701243 Splined U-Joint



1111094 EO Aluminum Tarp Stop Assembly



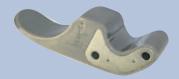
1118389 Clevis Pins w/Bowtie Cotter Pins



1115966 U-Clamps w/Screws



1100834 Easy-Off Aluminum Tarp Upright



1115216 Easy-Off Flexible Tarp Stop Upright



1107049 Pinless Crank Retainer



1114360 Roll Return Stretch Cord - 11'6"



1111092 Tarp Stop w/Cap & Hardware



1102111 Tarp Repair Kit



1101685 1" Ridge Strap Kit w/Anchor - 25'



1101687 1" Ridge Strap Kit w/Anchor - 46'



1119034 End Plug w/Screw

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# TRAP-EZE™ FLOOR TRAP P/N 1101494

Super-smooth operation – no binding! Durable nylon slide glides cleanly on its aluminum track. Welded aluminum frame will not rust.



Tarp Repair Video

Shur-Co® has created a number of how-to videos, with QR codes to take you right to them. The one pictured here links to step-by-step instructions on tarp repair.

Download any QR scanner app to your Smartphone. Open the app, then hover your phone over your chosen QR code.

# TARP REPAIR SUPPLIES

ITEM	PART#	DESCRIPTION
	1108059	Professional Tarp Repair Kit
	1102111	Standard Tarp Repair Kit
	1703251	Handi Grommet Kit w/Grommets
1	1111869	2" x 3" Patch w/Radius Corners
2	1111870	3" x 4" Patch w/Radius Corners
3	1111871	4" x 5" Patch w/Radius Corners
4	1111872	3" Round Patch
5	1701391	Wooden Roller
6	1107371	Vinyl Tarp Remnant (specify color or may vary)
7	1700697	HH-66 Thinner - Pint
8	1700602	HH-66 Thinner - Gallon
9	1700356	HH-66 Vinyl Cement - 8 Oz.
10	1700355	HH-66 Vinyl Cement - Quart
11	1700354	HH-66 Vinyl Cement - Gallon
12	1700673	#3 Brass Grommet (minimum order 25)

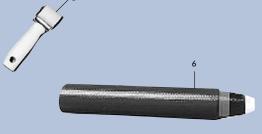


PROFESSIONAL KIT INCLUDES SCISSORS, 10 SQ. FT. REPAIR FABRIC, ROLLER, HEAT GUN/NOZZLE AND INSTRUCTIONS





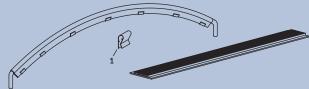




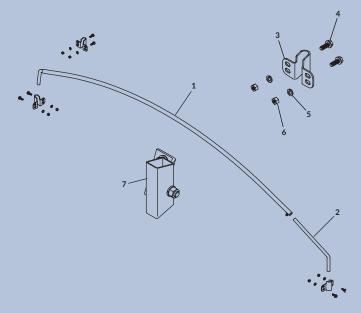


GROMMET KIT INCLUDES CUTTER, HANDLE, BASE, GROMMETS AND WASHERS









# **BOW COVERS**

ITEM	PART#	DESCRIPTION
	1106732	Standard Bow Cover Kit w/Clips
	1107177	X-Wide Bow Cover Kit w/Clips
	1107158	Bulk Bow Cover Kit (10) w/100' Bow Cover/
		132 Clips
1	1701234	Bow Cover Clip

# **BOWS** – ADJUSTABLE GALVANIZED STEEL

ITEM	PART#	DESCRIPTION
	1122754	Adjustable Galvanized Bow Kit - 8" Rise* - 84"
		to 92" [Includes <b>1</b> ; <b>2</b> ; 2 of <b>3</b> ; 4 of <b>4</b> , <b>5</b> & <b>6</b> ]
	1122756	Adjustable Galvanized Bow Kit - 8" Rise* - 93"
		to 101" [Includes 1; 2; 2 of 3; 4 of 4, 5 & 6]
	1122724	Adjustable Galvanized Bow Kit - 10" Rise* - 84"
		to 92" [Includes 1; 2; 2 of 3; 4 of 4, 5 & 6]
	1122757	Adjustable Galvanized Bow Kit - 10" Rise* - 93"
	1122755	to 101" [Includes 1; 2; 2 of 3; 4 of 4, 5 & 6]
	1122/55	Adjustable Galvanized Bow Kit - 12" Rise* - 84"
	1122758	to 92" [Includes 1; 2; 2 of 3; 4 of 4, 5 & 6]
	1122/58	Adjustable Galvanized Bow Kit - 12" Rise* - 93" to 101" [Includes 1; 2; 2 of 3; 4 of 4, 5 & 6]
	1123932	Adjustable Galvanized Bow w/Shank - 8" Rise* -
	1123732	84" to 92" [Includes <b>1</b> : <b>2</b> ]
	1123934	Adjustable Galvanized Bow w/Shank - 8" Rise* -
	1120704	93" to 101" [Includes <b>1</b> ; <b>2</b> ]
	1122719	Adjustable Galvanized Bow w/Shank - 10" Rise* -
		84" to 92" [Includes <b>1</b> ; <b>2</b> ]
	1122825	Adjustable Galvanized Bow w/Shank - 10" Rise* -
		93" to 101" [Includes 1; 2]
	1123933	Adjustable Galvanized Bow w/Shank - 12" Rise* -
		84" to 92" [Includes <b>1</b> ; <b>2</b> ]
	1123935	Adjustable Galvanized Bow w/Shank - 12" Rise* -
		93" to 101" [Includes 1; 2]
	1123871	Adjustable Bow Mounting Hardware - 8" Rise*
	4400070	[Includes 2; 2 of 3; 4 of 4, 5 & 6]
	1123872	Adjustable Bow Mounting Hardware - 12" Rise*
	1107711	[Includes 2; 2 of 3; 4 of 4, 5 & 6] Galvanized Bow Mounting Fasteners
	110//11	[Includes 4 of <b>4</b> , <b>5</b> & <b>6</b> ]
1	1122759	Adjustable Galvanized Bow - 8" Rise* - 84" to 92"
<u></u> →	1122818	Adjustable Galvanized Bow - 8" Rise* - 93" to 101"
	1122627	Adjustable Galvanized Bow - 10" Rise* - 84" to 92"
	1122819	Adjustable Galvanized Bow - 10" Rise* - 93" to 101"
	1122817	Adjustable Galvanized Bow - 12" Rise* - 84" to 92"
	1122820	Adjustable Galvanized Bow - 12" Rise* - 93" to 101"
2	1122821	Galvanized Bow Long Shank - 8" Rise*
	1122626	Galvanized Bow Long Shank - 10" Rise*
	1122822	Galvanized Bow Long Shank - 12" Rise*
3	1120836	Single Bow Bracket
4	1700400	Self-Tapping Screw - 3/8" x 1"
5	1700434	Lock Washer - 3/8"
6	1700407	Hex Nut - 3/8"
7	1117946	Adjustable Bow Bracket Kit

<sup>\*</sup>Bow rise is typically 2" greater than rise of cap. Other rises available.

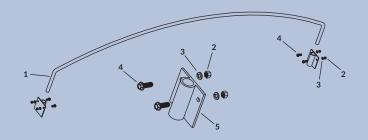
NOTE: All components other than standard may require a non-refundable engineering fee of \$75 and manufacturing fee of \$25. Call for details.

# **BOWS** - ALUMINUM

ITEM	PART#	DESCRIPTION
1		Solid Aluminum Bow* - 8" Rise**
		Solid Aluminum Bow* - 12" Rise**
2	1700407	Hex Nut - 3/8"
3	1700434	Lock Washer - 3/8"
4	1700400	Self-Tapping Screw - 3/8" x 1"
5	1109110	Aluminum Bow Pocket

<sup>\*</sup>Pockets and mounting hardware NOT included – \$25 set-up fee applies.

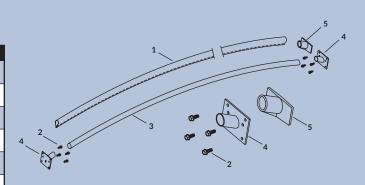
<sup>\*\*</sup>Bow rise is typically 2" greater than rise of cap. Other rises available.



# BOWS - DURABOW™

50110 DOIG (DOT)				
ITEM	PART#	DESCRIPTION		
	1123544	Durabow™ Bow Kit - 97" - Steel Bracket [Includes <b>3</b> ; 2 of <b>4</b> ; 8 of <b>2</b> ]		
	1123541	Durabow™ Bow Kit - 102" - Steel Bracket [Includes <b>3</b> ; 2 of <b>4</b> ; 8 of <b>2</b> ]		
	1123545	Durabow™ Bow Kit - 97" - Aluminum Bracket [Includes <b>3</b> ; 2 of <b>5</b> ; 8 of <b>2</b> ]		
	1123542	Durabow™ Bow Kit - 102" - Aluminum Bracket [Includes <b>3</b> ; 2 of <b>5</b> ; 8 of <b>2</b> ]		
	1110653	Bow Mounting Hardware Kit - Steel [Includes 2 of 4; 8 of 2]		
	1124624	Bow Mounting Hardware Kit - Aluminum [Includes 2 of 5; 8 of 2]		
	1115971	Bow Mounting Fasteners - Durabow™ [Includes 8 of <b>2</b> ]		
1	1111335	Durabow™ Bow Sock		
2	1700400	Self-Tapping Screw - 3/8" x 1"		
3	1705128	Durabow™ - 97"		
	1705129	Durabow™ - 102"		
	1702857	Replacement Flexbow®*		
4	1122932	Durabow™ Bracket - Steel*		
5	1705324	Durabow™ Bracket - Aluminum		

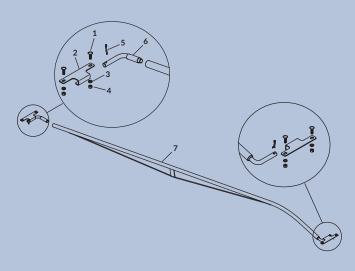
\*Durabow™ steel brackets are a fit-all bracket for both Flexbow® and Durabow™. Original steel Flexbow® brackets are zinc plated; steel Durabow™ brackets are yellow plated. Dura-bows will NOT slide into original Flexbow® steel brackets. When ordering P/N 1702857 replacement Flexbow®, please order P/N 1123544 or P/N 1123541 Durabow™ bow kits, which include Durabow™ steel brackets.

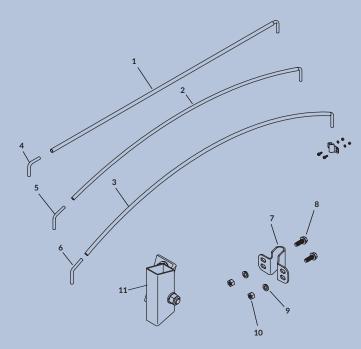


# **BOWS - FLAT X-WIDE**

ITEM	PART#	DESCRIPTION
	1120308	X-Wide Bow Kit* - Flat - 113" to 122"
		[Includes <b>6</b> ; <b>7</b> ; 2 of <b>2</b> & <b>5</b> ; 4 of <b>1</b> , <b>3</b> & <b>4</b> ]
	1120309	X-Wide Bow Kit* - Flat - 123" to 132"
		[Includes 6; 7; 2 of 2 & 5; 4 of 1, 3 & 4]
	1120310	X-Wide Bow Kit* - Flat - 133" to 142"
		[Includes <b>6</b> ; <b>7</b> ; 2 of <b>2</b> & <b>5</b> ; 4 of <b>1</b> , <b>3</b> & <b>4</b> ]
	1120311	X-Wide Bow Kit* - Flat - 143" to 152"
		[Includes <b>6</b> ; <b>7</b> ; 2 of <b>2</b> & <b>5</b> ; 4 of <b>1</b> , <b>3</b> & <b>4</b> ]
	1120312	X-Wide Bow Kit* - Flat - 153" to 162"
		[Includes 6; 7; 2 of 2 & 5; 4 of 1, 3 & 4]
	1125785	X-Wide Bow Kit* - Flat - 163" to 172"
		[Includes <b>6</b> ; <b>7</b> ; 2 of <b>2</b> & <b>5</b> ; 4 of <b>1</b> , <b>3</b> & <b>4</b> ]
	1120362	Bow Mounting Fasteners - X-Wide Flat
		[Includes 2 of <b>5</b> ; 4 of <b>1</b> , <b>3</b> & <b>4</b> ]
1	1703964	Truss Head Machine Screw - 3/8" x 1-1/4"
2	1117665	Horizontal Bow Bracket
3	1700434	Lock Washer - 3/8"
4	1700407	Hex Nut - 3/8"
5	1701577	Humpback Cotter Pin - 3/16" x 1-1/4"
6	1117683	X-Wide Bow Shank - Flat
7	1120303	X-Wide Bow* - Flat - 113" to 122"
	1120304	X-Wide Bow* - Flat - 123" to 132"
	1120305	X-Wide Bow* - Flat - 133" to 142"
	1120306	X-Wide Bow* - Flat - 143" to 152"
	1120307	X-Wide Bow* - Flat - 153" to 162"
	1122970	X-Wide Bow* - Flat - 163" to 172"

<sup>\*</sup>Measurement on bows denotes inside cart width. Bows have 6" tapered rise to ensure tight tarp tension across flat cap.





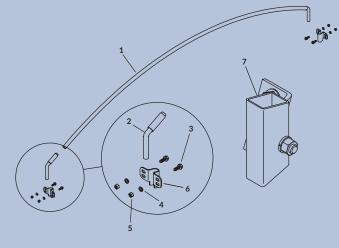
## **BOWS - GALVANIZED STEEL STANDARD**

ITEM	PART#	DESCRIPTION
	1111781	Galvanized Bow Kit - Flat - 89" to 102"
		[Includes 1; 4; 2 of 7; 4 of 8, 9 & 10]
	1117915	Galvanized Bow Kit - 8" Rise* - 78" to 84"
		[Includes <b>2</b> ; <b>5</b> ; 2 of <b>7</b> ; 4 of <b>8</b> , <b>9</b> & <b>10</b> ]
	1117916	Galvanized Bow Kit - 8" Rise* - 85" to 92"
		[Includes <b>2</b> ; <b>5</b> ; 2 of <b>7</b> ; 4 of <b>8</b> , <b>9</b> & <b>10</b> ]
	1100766	Galvanized Bow Kit - 8" Rise* - 93" to 102"
		[Includes <b>2</b> ; <b>5</b> ; 2 of <b>7</b> ; 4 of <b>8</b> , <b>9</b> & <b>10</b> ]
	1117917	Galvanized Bow Kit - 12" Rise* - 89" to 95"
		[Includes <b>3</b> ; <b>6</b> ; 2 of <b>7</b> ; 4 of <b>8</b> , <b>9</b> & <b>10</b> ]
	1100768	Galvanized Bow Kit - 12" Rise* - 96" to 102"
		[Includes <b>3</b> ; <b>6</b> ; 2 of <b>7</b> ; 4 of <b>8</b> , <b>9</b> & <b>10</b> ]
	1111782	Galvanized Bow Mounting Hardware - Flat
		[Includes <b>4</b> ; 2 of <b>7</b> ; 4 of <b>8</b> , <b>9</b> & <b>10</b> ]
	1101608	Galvanized Bow Mounting Hardware - 8" Rise*
		[Includes 5; 2 of 7; 4 of 8, 9 & 10]
	1106968	Galvanized Bow Mounting Hardware - 12" Rise*
		[Includes 6; 2 of 7; 4 of 8, 9 & 10]
	1107711	Galvanized Bow Mounting Fasteners
		[Includes 4 of <b>8</b> , <b>9</b> & <b>10</b> ]
1	1109149	Galvanized Bow - Flat - 89" to 102"
2	1117904	Galvanized Bow - 8" Rise* - 78" to 84"
	1116120	Galvanized Bow - 8" Rise* - 85" to 92"
	1100760	Galvanized Bow - 8" Rise* - 93" to 102"
3	1117905	Galvanized Bow - 12" Rise* - 89" to 95"
L.	1100762	Galvanized Bow - 12" Rise* - 96" to 102"
4	1109150	Galvanized Bow Shank - Flat
5	1100695	Galvanized Bow Shank - 8" Rise*
6	1106925	Galvanized Bow Shank - 12" Rise*
7	1120836	Single Bow Bracket
8	1700400	Self-Tapping Screw - 3/8" x 1"
9	1700434	Lock Washer - 3/8"
10	1700407	Hex Nut - 3/8"
11	1117946	Adjustable Bow Bracket Kit

<sup>\*</sup>Bow rise is typically 2" greater than rise of cap. Other rises available.

#### BOWS - GALVANIZED STEEL X-WIDE 1 PC

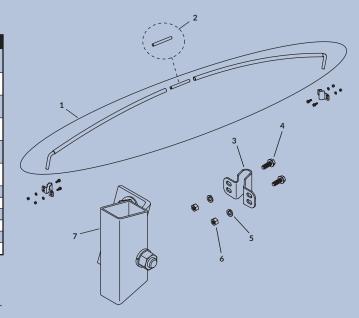
DUV	<b>V3</b> – GAL	VANIZED STEEL X-WIDE 1 PC.
ITEM	PART#	DESCRIPTION
	1119465	X-Wide Bow Kit - 12" Rise* - 99" to 104"
		[Includes 1; 2; 2 of 6; 4 of 3, 4 & 5]
	1119466	X-Wide Bow Kit - 12" Rise* - 104-1/2" to 109-1/2"
		[Includes 1; 2; 2 of 6; 4 of 3, 4 & 5]
	1119464	X-Wide Bow Kit - 12" Rise* - 109"
		[Includes 1; 2; 2 of 6; 4 of 3, 4 & 5]
	1119467	X-Wide Bow Kit - 12" Rise* - 110" to 115"
		[Includes <b>1</b> ; <b>2</b> ; 2 of <b>6</b> ; 4 of <b>3</b> , <b>4</b> & <b>5</b> ]
	1119468	X-Wide Bow Kit - 12" Rise* - 115-1/2" to 121"
		[Includes 1; 2; 2 of 6; 4 of 3, 4 & 5]
	1119469	X-Wide Bow Kit - 12" Rise* - 121-1/2" to 127"
		[Includes 1; 2; 2 of 6; 4 of 3, 4 & 5]
	1119470	X-Wide Bow Kit - 12" Rise* - 127-1/2" to 134"
		[Includes 1; 2; 2 of 6; 4 of 3, 4 & 5]
	1119471	X-Wide Bow Kit - 12" Rise* - 134-1/2" to 141"
		[Includes 1; 2; 2 of 6; 4 of 3, 4 & 5]
	1107711	Galvanized Bow Mounting Fasteners
4	1110007	[Includes 4 of 3, 4 & 5]
1	1119227	Galvanized Bow - 12" Rise* - 99" to 104"
	1119220	Galvanized Bow - 12" Rise* - 104-1/2" to 109-1/2"
	1118724	Galvanized Bow - 12" Rise* - 109"
	1119219	Galvanized Bow - 12" Rise* - 110" to 115"
	1119218	Galvanized Bow - 12" Rise* - 115-1/2" to 121"
	1119217	Galvanized Bow - 12" Rise* - 121-1/2" to 127"
	1119216	Galvanized Bow - 12" Rise* - 127-1/2" to 134"
_	1119215	Galvanized Bow - 12" Rise* - 134-1/2" to 141"
2	1119233	X-Wide Bow Shank - 12" Rise* - 99" to 109-1/2"  X-Wide Bow Shank - 12" Rise* - 110" to 127"
	1119232 1119231	X-Wide Bow Shank - 12 " Rise - 110 to 127  X-Wide Bow Shank - 12" Rise* - 127-1/2" to 141"
3	1700400	^-VVIUE DOW SHAHK - 12 KISE - 12/-1/2 TO 141  Colf Tapping Scrow 2/9" x 1"
4	1700400	Self-Tapping Screw - 3/8" x 1" Lock Washer - 3/8"
5	1700434	Nut - 3/8"
6	1120836	Single Bow Bracket
7	1117946	Adjustable Bow Bracket
	111/ /40	Aujustabie DOW Di acket



### **BOWS** – GALVANIZED STEEL X-WIDE 2 PC.

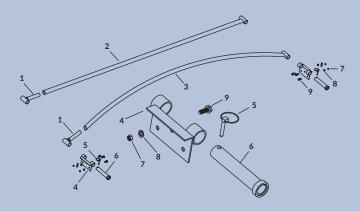
ITEM	PART#	DESCRIPTION
	1106943	Galvanized X-Wide Bow Kit - 8" Rise* - 103" to 168" [Includes 1; 2 of 3; 4 of 4, 5 & 6]
	1106941	Galvanized X-Wide Bow Kit - 12" Rise* - 103" to 168" [Includes 1; 2 of 3; 4 of 4, 5 & 6]
	1106942	Galvanized Bow Mounting Hardware - X-Wide [Includes <b>2</b> ; 2 of <b>3</b> ; 4 of <b>4</b> , <b>5</b> & <b>6</b> ]
	1107711	Galvanized Bow Mounting Fasteners [Includes 4 of <b>4</b> , <b>5</b> & <b>6</b> ]
1	1116118	Galvanized X-Wide Bow** - 8" Rise* - 103" to 168"
	1116119	Galvanized X-Wide Bow** - 12" Rise* - 103" to 168"
2	1100685	Galvanized X-Wide Bow Connector Tube
3	1120836	Single Bow Bracket
4	1700400	Self-Tapping Screw - 3/8" x 1"
5	1700434	Lock Washer - 3/8"
6	1700407	Hex Nut - 3/8"
7	1117946	Adjustable Bow Bracket Kit

<sup>\*</sup>Bow rise is typically 2" greater than rise of cap. Other rises available.



<sup>\*</sup>Bow rise is typically 2" greater than rise of cap. Other rises available.

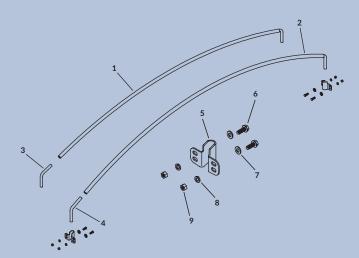
<sup>\*\*</sup>Includes bow halves and connector tube.



#### **BOWS - HEAVY DUTY**

ITEM	PART #	DESCRIPTION
	1112667	Heavy-Duty Bow Kit - Flat
		[Includes 1; 2; 2 of 4, 5 & 6; 6 of 7, 8 & 9]
l	1126917	Heavy-Duty Bow Kit - 3" Rise*
		[Includes 1; 3; 2 of 4, 5 & 6; 6 of 7, 8 & 9]
	1106615	Heavy-Duty Bow Kit - 8" Rise*
		[Includes <b>1</b> ; <b>3</b> ; 2 of <b>4</b> , <b>5</b> & <b>6</b> ; 6 of <b>7</b> , <b>8</b> & <b>9</b> ]
l	1102697	Heavy-Duty Bow Kit - 12" Rise*
		[Includes 1; 3; 2 of 4, 5 & 6; 6 of 7, 8 & 9]
	1107245	Bow Mounting Hardware - Heavy Duty
		[Includes 1; 2 of 4, 5 & 6; 6 of 7, 8 & 9]
	1107244	Bow Mounting Fasteners - Heavy Duty
_		[Includes 2 of 5; 6 of 7, 8 & 9]
1	1104706	Heavy-Duty Bow Shank
2	1112669	Heavy-Duty Bow - Flat
3	1123052	Heavy-Duty Bow - 3" Rise*
	1106612	Heavy-Duty Bow - 8" Rise*
	1101927	Heavy-Duty Bow - 12" Rise*
4	1106614	Heavy-Duty Bow Bracket
5	1701098	Lynch Pin - 5/16" x 1-3/4"
6	1104123	Heavy-Duty Bow Pin
7	1700407	Hex Nut - 3/8"
8	1700434	Lock Washer - 3/8"
9	1700400	Self-Tapping Screw - 3/8" x 1"

<sup>\*</sup>Bow rise is typically 2" greater than rise of cap. Other rises available.



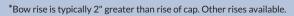
### **BOWS - STAINLESS STEEL STANDARD**

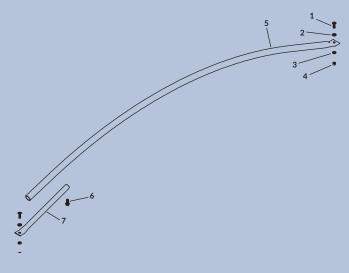
ITEM	PART#	DESCRIPTION
	1120351	Stainless Bow Kit - 8" Rise* - 78" to 84"
		[Includes 1; 3; 2 of 5; 4 of 6, 7, 8 & 9]
	1120352	Stainless Bow Kit - 8" Rise* - 85" to 92"
		[Includes 1; 3; 2 of 5; 4 of 6, 7, 8 & 9]
	1120353	Stainless Bow Kit - 8" Rise* - 93" to 102"
		[Includes 1; 3; 2 of 5; 4 of 6, 7, 8 & 9]
	1120354	Stainless Bow Kit - 12" Rise* - 82" to 88"
		[Includes <b>2</b> ; <b>4</b> ; 2 of <b>5</b> ; 4 of <b>10</b> , <b>11</b> & <b>12</b> ]
	1120355	Stainless Bow Kit - 12" Rise* - 89" to 95"
		[Includes 2; 4; 2 of 5; 4 of 6, 7, 8 & 9]
l	1120356	Stainless Bow Kit - 12" Rise* - 96" to 102"
		[Includes 2; 4; 2 of 5; 4 of 6, 7, 8 & 9]
	1116275	Stainless Bow Mounting Fasteners (4)
1	1120286	Stainless Bow - 8" Rise* - 78" to 84"
	1120287	Stainless Bow - 8" Rise* - 85" to 92"
	1119765	Stainless Bow - 8" Rise* - 93" to 102"
2	1120288	Stainless Bow - 12" Rise* - 82" to 88"
	1120289	Stainless Bow - 12" Rise* - 89" to 95"
	1120290	Stainless Bow - 12" Rise* - 96" to 102"
3	1119766	Stainless Bow Shank - 8" Rise*
4	1116754	Stainless Bow Shank - 12" Rise*
5	1120975	Stainless Single Bow Bracket
6	1703579	Stainless Hex Head Cap Screw - 3/8" x 1"
7	1703577	Stainless Flat Washer - 3/8"
8	1703576	Stainless Lock Washer - 3/8"
9	1200999	Stainless Hex Nut - 3/8"

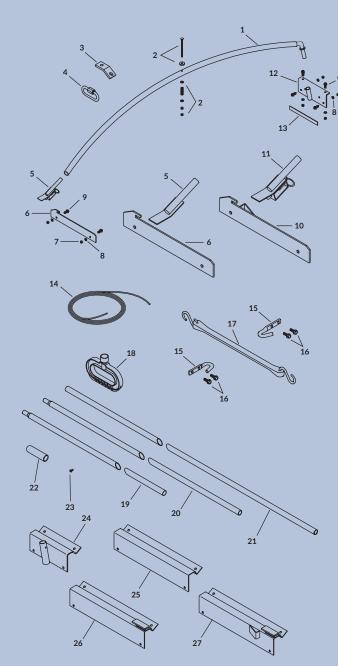
<sup>\*</sup>Bow rise is typically 2" greater than rise of cap. Other rises available.

#### **BOWS - STAINLESS STEEL TOP MOUNT**

ЬΟ۷	<b>V3-</b> 51A1	NLESS STEEL TOP MOUNT
ITEM	PART#	DESCRIPTION
	1119414	Stainless Bow Kit - 8" Rise* - 84" to 87-1/2"
		[Includes 5; 6; 7; 2 of 1, 2, 3 & 4]
	1119415	Stainless Bow Kit - 8" Rise* - 88" to 91-1/2"
		[Includes 5; 6; 7; 2 of 1, 2, 3 & 4]
	1119416	Stainless Bow Kit - 8" Rise* - 92" to 95-1/2"
		[Includes 5; 6; 7; 2 of 1, 2, 3 & 4]
	1119417	Stainless Bow Kit - 8" Rise* - 96" to 99-1/2"
		[Includes 5; 6; 7; 2 of 1, 2, 3 & 4]
	1119418	Stainless Bow Kit - 8" Rise* - 100" to 103-1/2"
	1119419	[Includes 5; 6; 7; 2 of 1, 2, 3 & 4] Stainless Bow Kit - 8" Rise* - 104" to 107-1/2"
	1119419	
	1119420	[Includes 5; 6; 7; 2 of 1, 2, 3 & 4] Stainless Bow Kit - 8" Rise* - 108" to 111-1/2"
	1117420	[Includes 5; 6; 7; 2 of 1, 2, 3 & 4]
	1119421	Stainless Bow Kit - 8" Rise* - 112" to 115-1/2"
		[Includes 5; 6; 7; 2 of 1, 2, 3 & 4]
	1119422	Stainless Bow Kit - 8" Rise* - 120" to 123-1/2"
		[Includes 5: 6: 7: 2 of 1. 2. 3 & 4]
	1119405	Stainless Bow Kit - 12" Rise* - 84" to 87-1/2"
		[Includes 5; 6; 7; 2 of 1, 2, 3 & 4]
	1119406	Stainless Bow Kit - 12" Rise* - 88" to 91-1/2"
	1110107	[Includes 5; 6; 7; 2 of 1, 2, 3 & 4]
	1119407	Stainless Bow Kit - 12" Rise* - 92" to 95-1/2"
	1119408	[Includes 5; 6; 7; 2 of 1, 2, 3 & 4] Stainless Bow Kit - 12" Rise* - 96" to 99-1/2"
	1119408	[Includes 5; 6; 7; 2 of 1, 2, 3 & 4]
	1119409	Stainless Bow Kit - 12" Rise* - 100" to 103-1/2"
	111/40/	[Includes 5; 6; 7; 2 of 1, 2, 3 & 4]
	1119410	Stainless Bow Kit - 12" Rise* - 104" to 107-1/2"
	1117 .10	[Includes 5; 6; 7; 2 of 1, 2, 3 & 4]
	1119411	Stainless Bow Kit - 12" Rise* - 108" to 111-1/2"
		[Includes 5; 6; 7; 2 of 1, 2, 3 & 4]
	1119412	Stainless Bow Kit - 12" Rise* - 112" to 115-1/2"
		[Includes 5; 6; 7; 2 of 1, 2, 3 & 4]
	1119413	Stainless Bow Kit - 12" Rise* - 120" to 123-1/2"
	1118626	[Includes 5; 6; 7; 2 of 1, 2, 3 & 4]
	1118020	Stainless Bow Mounting Fasteners - Top Mount
1	1704442	[Includes 6; 2 of 1, 2, 3 & 4] Stainless Screw - 3/8" x 1"
2	1703577	Stainless Flat Washer - 3/8"
3	1703576	Stainless Lock Washer - 3/8"
4	1200999	Stainless Hex Nut - 3/8"
5	1119184	Stainless Bow - 8" Rise* - 84" to 87-1/2"
	1119248	Stainless Bow - 8" Rise* - 88" to 91-1/2"
	1119250	Stainless Bow - 8" Rise* - 92" to 95-1/2"
	1119182	Stainless Bow - 8" Rise* - 96" to 99-1/2"
	1119246 1119190	Stainless Bow - 8" Rise* - 100" to 103-1/2" Stainless Bow - 8" Rise* - 104" to 107-1/2"
	1119190	Stainless Bow - 8" Rise* - 108" to 111-1/2""
	1117172	Stainless Bow - 8" Rise* - 112" to 115-1/2"
	1119196	Stainless Bow - 8" Rise* - 120" to 123-1/2"
	1119185	Stainless Bow - 12" Rise* - 84" to 87-1/2"
	1119249	Stainless Bow - 12" Rise* - 88" to 91-1/2"
	1119251	Stainless Bow - 12" Rise* - 92" to 95-1/2"
	1119183	Stainless Bow - 12" Rise* - 96" to 99-1/2"
	1119247	Stainless Bow - 12" Rise* - 100" to 103-1/2"
	1119191	Stainless Bow - 12" Rise* - 104" to 107-1/2"
	1119193	Stainless Bow - 12" Rise* - 108" to 111-1/2""  Stainless Bow - 12" Rise* - 112" to 115-1/2"
	1119195 1119197	Stainless Bow - 12" Rise* - 112" to 115-1/2" Stainless Bow - 12" Rise* - 120" to 123-1/2"
6	1700400	Stainless Bow - 12" Rise" - 120" to 123-1/2"  Self-Tapping Screw - 3/8" x 1"
7	1118624	Stainless Bow Extension
	1110024	Stanness DOW Extension







# BOWS - TURNING POINT™ W/RIDGEPOLES

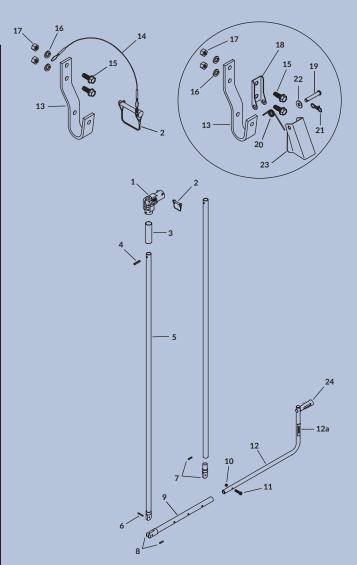
БО		
ITEM	PART#	DESCRIPTION
	10' - 16'	TPB Kit w/16' Ridgepole - 8" or 12" Rise -
		3 Bows [Includes <b>3</b> ; <b>4</b> ; <b>10</b> ; <b>11</b> ; <b>14</b> ; <b>17</b> ; <b>18</b> ; <b>19</b> ;
		2 of <b>5</b> , <b>6</b> , <b>15</b> , <b>22</b> & <b>23</b> ; 3 of <b>1</b> , <b>2</b> & <b>12</b> ; 4 of <b>16</b> ;
		9 of <b>13</b> ; 18 of <b>7</b> , <b>8</b> & <b>9</b> ]
	17' - 18'	TPB Kit w/20' Ridgepole - 8" or 12" Rise -
	1, 10	3 Bows [Includes 3; 4; 10; 11; 14; 17; 18; 20;
		2 of <b>5</b> , <b>6</b> , <b>15</b> , <b>22</b> & <b>23</b> ; 3 of <b>1</b> , <b>2</b> & <b>12</b> ; 4 of <b>16</b> ;
		9 of <b>13</b> ; 18 of <b>7</b> , <b>8</b> & <b>9</b> ]
	19' - 24'	TPB Kit w/24' Ridgepole - 8" or 12" Rise -
	1, 2,	4 Bows [Includes 3; 4; 10; 11; 14; 17; 18; 21;
		2 of <b>15</b> , <b>22</b> & <b>23</b> ; 3 of <b>5</b> & <b>6</b> ; 4 of <b>1</b> , <b>2</b> , <b>12</b> & <b>16</b> ;
		12 of <b>13</b> ; 24 of <b>7</b> , <b>8</b> & <b>9</b> ]
	25' - 26'	TPB Kit w/32' Ridgepole - 8" or 12" Rise -
		4 Bows [Includes <b>3</b> ; <b>4</b> ; <b>10</b> ; <b>11</b> ; <b>14</b> ; <b>17</b> ; <b>18</b> ; 2 of
		15, 19, 22 & 23; 3 of 5 & 6; 4 of 1, 2, 12 & 16;
		12 of <b>13</b> ; 24 of <b>7</b> , <b>8</b> & <b>9</b> ]
	27' - 32'	TPB Kit w/32' Ridgepole - 8" or 12" Rise -
		5 Bows [Includes <b>3</b> ; <b>4</b> ; <b>10</b> ; <b>11</b> ; <b>14</b> ; <b>17</b> ; <b>18</b> ; 2 of
		<b>15</b> , <b>19</b> , <b>22</b> & <b>23</b> ; 4 of <b>5</b> , <b>6</b> & <b>16</b> ; 5 of <b>1</b> , <b>2</b> & <b>12</b> ;
		15 of <b>13</b> ; 30 of <b>7</b> , <b>8</b> & <b>9</b> ]
	33' - 34'	TPB Kit w/36' Ridgepole - 8" or 12" Rise -
		5 Bows [Includes 3; 4; 10; 11; 14; 17; 18; 19; 20;
		2 of <b>15</b> , <b>22</b> & <b>23</b> ; 3 of <b>5</b> , <b>6</b> & <b>16</b> ; 5 of <b>1</b> , <b>2</b> & <b>12</b> ;
		15 of <b>13</b> ; 30 of <b>7</b> , <b>8</b> & <b>9</b> ]
	35' - 40'	TPB Kit w/40' Ridgepole - 8" or 12" Rise -
		6 Bows [Includes <b>3</b> ; <b>4</b> ; <b>10</b> ; <b>11</b> ; <b>14</b> ; <b>17</b> ; <b>18</b> ; 2 of
		15, 20, 22 & 23; 4 of 16; 5 of 5 & 6; 6 of 1, 2
		& <b>12</b> ; 18 of <b>13</b> ; 36 of <b>7</b> , <b>8</b> & <b>9</b> ]
	41' - 43'	TPB Kit w/44' Ridgepole - 8" or 12" Rise -
		6 Bows [Includes <b>3</b> ; <b>4</b> ; <b>10</b> ; <b>11</b> ; <b>14</b> ; <b>17</b> ; <b>18</b> ; <b>20</b> ; <b>21</b> ;
		2 of <b>15</b> , <b>22</b> & <b>23</b> ; 4 of <b>16</b> ; 5 of <b>5</b> & <b>6</b> ; 6 of <b>1</b> , <b>2</b>
		& <b>12</b> ; 18 of <b>13</b> ; 36 of <b>7</b> , <b>8</b> & <b>9</b> ]
	44' - 48'	TPB Kit w/48' Ridgepole - 8" or 12" Rise -
		7 Bows [Includes <b>3</b> ; <b>4</b> ; <b>10</b> ; <b>11</b> ; <b>14</b> ; <b>17</b> ; <b>18</b> ; 2 of
		15, 21, 22 & 23; 4 of 16; 6 of 5 & 6; 7 of 1, 2
		& <b>12</b> ; 21 of <b>13</b> ; 42 of <b>7</b> , <b>8</b> & <b>9</b> ]
	39'	TPB Kit w/40' Ridgepole** - 12" Rise - 6 Bows -
		[Includes 3; 4; 11; 14; 17; 18; 26; 27; 2 of 15, 20
		22 & 23; 4 of 16 & 25; 5 of 5; 6 of 1, 2 & 24;
		,
		48 of <b>7</b> , <b>8</b> & <b>9</b> ]
ITEM	PART#	48 of <b>7</b> , <b>8</b> & <b>9</b> ] <b>DESCRIPTION</b>
ITEM	PART # 1105310	DESCRIPTION
ITEM	PART # 1105310	<b>DESCRIPTION</b> Rollaway Ridgepole Hardware
ITEM	1105310	<b>DESCRIPTION</b> Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]
ITEM		DESCRIPTION  Rollaway Ridgepole Hardware  [Includes 2 of 22 & 23]  Pull Rope Assembly
ITEM	1105310 1105339	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]
	1105310 1105339 1107012	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]
ITEM	1105310 1105339 1107012 1105337	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise
1	1105310 1105339 1107012 1105337 1105331	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise
	1105310 1105339 1107012 1105337 1105331 1110368	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly
1 2	1105310 1105339 1107012 1105337 1105331	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise
1 2 3	1105310 1105339 1107012 1105337 1105331 1110368 1105325	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor
1 2 3 4	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"
1 2 3 4	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop
1 2 3 4 5	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop
1 2 3 4 5	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise
1 2 3 4 5	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"
1 2 3 4 5	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch
1 2 3 4 5 6 7 8 9	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch
1 2 3 4 5 6 7 8 9	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105338	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"
1 2 3 4 5 6 7 8 9	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise
1 2 3 4 5 6 7 8 9 10	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105328 1105322	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise  Bow Rest/Latch - 12" Rise
1 2 3 4 5 6 7 8 9 10 11	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105338 1105322 1105317	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise  Bow Rest/Latch - 12" Rise  Bow Rest/Latch - 12" Rise  Bow Pivot Bracket
1 2 3 4 5 6 7 8 9 10 11	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105338 1105322 1105317 1107006	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise  Bow Rest/Latch - 12" Rise  Bow Pivot Bracket  Pivot Bracket Spacer
1 2 3 4 5 6 7 8 9 10 11	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105338 1105322 1105317 1107006 1100469	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise  Bow Rest/Latch - 12" Rise  Bow Pivot Bracket  Pivot Bracket Spacer  Rope - 32'
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105338 1105322 1105317 1107006 1100469 1700682	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise  Bow Rest/Latch - 12" Rise  Bow Pivot Bracket  Pivot Bracket Spacer  Rope - 32'  Box Hook - 5/16" Holes
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105317 1107006 1107006 1100469 1700403	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 12" Rise  Bow Rest/Latch - 12" Rise  Bow Rest/Latch - 15" Rise  Bow Rest/Latch - 12" Rise  Bow Rest/Latch - 12" Rise  Bow Rest/Latch - 12" Rise  Bow Roes Rope - 32'  Box Hook - 5/16" Holes  Self-Tapping Screw - 1/4" x 3/4"  Goldline Rubber Strap - 15"
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105338 1105322 1105317 1107006 1100469 1700682 1700649	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise  Bow Rest/Latch - 12" Rise  Bow Pivot Bracket  Pivot Bracket Spacer  Rope - 32'  Box Hook - 5/16" Holes  Self-Tapping Screw - 1/4" x 3/4"
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105322 1105317 1107006 1100469 1700682 1700649 1106929	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise  Bow Rest/Latch - 12" Rise  Bow Rest/Latch - 12" Rise  Bow Pivot Bracket  Pivot Bracket Spacer  Rope - 32'  Box Hook - 5/16" Holes  Self-Tapping Screw - 1/4" x 3/4"  Goldline Rubber Strap - 15"  Pull Handle
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105338 1105322 1105317 1107006 1100469 1700649 1700649 1700649 1700649 1700649 1700649 1700649 1700649 1700649 1700649 1700649 1700649 1700649 1700649 1700649 1701204 1701204	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise  Bow Rest/Latch - 12" Rise  Bow Rest/Latch - 12" Rise  Bow Rest/Latch - 14" Rise  Bow Rest/Latch - 15" Rise  Bow Pivot Bracket  Pivot Bracket Spacer  Rope - 32'  Box Hook - 5/16" Holes  Self-Tapping Screw - 1/4" x 3/4"  Goldline Rubber Strap - 15"  Pull Handle  Ridgepole Tube - 16'  Ridgepole Tube - 20'
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105338 1105322 1105317 1107006 1100469 1700682 1700403 1700649 1106929 1701204	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise  Bow Rest/Latch - 12" Rise  Bow Pivot Bracket  Pivot Bracket Spacer  Rope - 32'  Box Hook - 5/16" Holes  Self-Tapping Screw - 1/4" x 3/4"  Goldline Rubber Strap - 15"  Pull Handle  Ridgepole Tube - 16'  Ridgepole Tube - 20'  Ridgepole Tube - 24'  Protective Cap
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105317 1107006 1100469 1700403 1700403 1700404 1701205 1701206 1701206 1700212	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise  Bow Rest/Latch - 12" Rise  Bow Pivot Bracket  Pivot Bracket Spacer  Rope - 32'  Box Hook - 5/16" Holes  Self-Tapping Screw - 1/4" x 3/4"  Goldline Rubber Strap - 15"  Pull Handle  Ridgepole Tube - 16'  Ridgepole Tube - 20'  Ridgepole Tube - 24'  Protective Cap
1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16 17 18 19 20 21 22	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105338 1105322 1105317 1107006 1700649 1700649 1700649 1700649 1701204 1701205 1701206	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise  Bow Rest/Latch - 12" Rise  Bow Pivot Bracket  Pivot Bracket Spacer  Rope - 32'  Box Hook - 5/16" Holes  Self-Tapping Screw - 1/4" x 3/4"  Goldline Rubber Strap - 15"  Pull Handle  Ridgepole Tube - 16'  Ridgepole Tube - 20'  Ridgepole Tube - 20'  Ridgepole Tube - 24'
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105320 1105317 1107006 1100469 1700682 1700649 1701204 1701205 1701206 1700212 1704768	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 12" Rise  Bow Rest/Latch - 12" Rise  Bow Pivot Bracket  Pivot Bracket Spacer  Rope - 32'  Box Hook - 5/16" Holes  Self-Tapping Screw - 1/4" x 3/4"  Goldline Rubber Strap - 15"  Pull Handle  Ridgepole Tube - 16'  Ridgepole Tube - 20'  Ridgepole Tube - 24'  Protective Cap  Flat-Headed Self-Drilling Screw - 1/4" x 3/4"
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105322 1105317 1107006 1100469 1700682 1700649 1701205 1701206 1701206 1701206 1701206 1700212 1704768 1106805	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise  Bow Rest/Latch - 12" Rise  Bow Pivot Bracket  Pivot Bracket Spacer  Rope - 32'  Box Hook - 5/16" Holes  Self-Tapping Screw - 1/4" x 3/4"  Goldline Rubber Strap - 15"  Pull Handle  Ridgepole Tube - 20'  Ridgepole Tube - 24'  Protective Cap  Flat-Headed Self-Drilling Screw - 1/4" x 3/4"  Bow Pivot Bracket**
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105338 1105322 1105317 1107006 1100469 1700649 1700649 1700649 1700649 1700649 1700649 1701204 1701205 1701206 1701206 1700212 1704768 1106805 1106806	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor  Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise  Bow Rest/Latch - 12" Rise  Bow Pivot Bracket  Pivot Bracket Spacer  Rope - 32'  Box Hook - 5/16" Holes  Self-Tapping Screw - 1/4" x 3/4"  Goldline Rubber Strap - 15"  Pull Handle  Ridgepole Tube - 16'  Ridgepole Tube - 20'  Ridgepole Tube - 24'  Protective Cap  Flat-Headed Self-Drilling Screw - 1/4" x 3/4"  Bow Pivot Bracket**  Skid Plate**
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	1105310 1105339 1107012 1105337 1105331 1110368 1105325 1701219 1105333 1105327 1105314 1700407 1700434 1700400 1105320 1105338 1105322 1105317 1107006 1100469 1700682 1700403 1700649 1701205 1701206 1701206 1701206 1701206 1700212 1704768 1106805 1106806 1106809 1106810	DESCRIPTION  Rollaway Ridgepole Hardware [Includes 2 of 22 & 23]  Pull Rope Assembly [Includes 3; 4; 14; 17; 18; 2 of 15; 4 of 16]  Bow Mounting Hardware [Includes 12; 3 of 13]  Turning Point™ Bow - 8" Rise  Turning Point™ Bow - 12" Rise  Bow Attachment Spring Assembly  Pull Rope Anchor Quick Link - 5/16"  Bow Rest - 8" Rise  Bow Rest - 12" Rise  Bow Stop  Hex Nut - 3/8"  Lock Washer - 3/8"  Self-Tapping Screw - 3/8" x 1"  Turning Point™ Bow Stop w/Catch  Bow Rest/Latch - 8" Rise  Bow Rest/Latch - 12" Rise  Bow Pivot Bracket  Pivot Bracket Spacer  Rope - 32'  Box Hook - 5/16" Holes  Self-Tapping Screw - 1/4" x 3/4"  Goldline Rubber Strap - 15"  Pull Handle  Ridgepole Tube - 16'  Ridgepole Tube - 20'  Ridgepole Tube - 24'  Protective Cap  Flat-Headed Self-Drilling Screw - 1/4" x 3/4"  Bow Pivot Bracket**  Skid Plate**  Skid Plate**

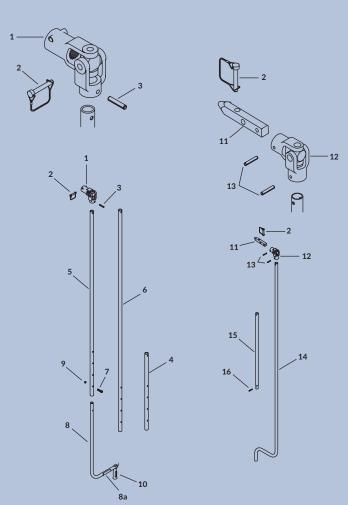
<sup>\*</sup>Order Turning Point™ bow kits by size of trailer, specifying 8" rise or 12" rise. Reverse roll option available; call for details.

<sup>\*\*</sup>Items used for 39' Alumatech trailer ONLY.

#### CRANK ARMS - SHUR-FLEX™

ANK ARMS – SHUR-FLEX™	
M PART # DESCRIPTION	
1101931 Shur-Flex™ Crank Arm Kit - 40" Extension	
[Includes 1; 2; 3; 4; 5; 6; 9; 10; 11; 12]	
1107918 Shur-Flex™ Crank Arm Kit - 54" Extension	
[Includes 1; 2; 3; 4; 5; 6; 9; 10; 11; 12]	
1102782 Shur-Flex™ Crank Arm Kit - 80" Extension	
[Includes 1; 2; 3; 4; 5; 6; 9; 10; 11; 12]	
1105176 Shur-Flex™ Crank Arm Kit - 96" Extension	
[Includes 1; 2; 3; 4; 5; 6; 9; 10; 11; 12]	
1101933 Shur-Flex™ Conversion Kit - 40" w/Offset	
Retainers [Includes 3; 4; 5; 6; 9; 10; 11;	
4 of 13 & 14; 5 of 2; 8 of 15, 16 & 17] 1116243 Shur-Flex™ Conversion Kit - 54" w/Offset	
Retainers [Includes 3; 4; 5; 6; 9; 10; 11;	
4 of <b>13</b> & <b>14</b> ; 5 of <b>2</b> ; 8 of <b>15</b> , <b>16</b> & <b>17</b> ]	
1115376 Shur-Flex™ Conversion Kit - 40" w/Offset Pinles	sc
Retainers [Includes 2; 3; 4; 5; 6; 9; 10; 11; 4 of	,,
13, 18, 19, 20, 21, 22 & 23; 8 of 15, 16 & 17]	
1116242 Shur-Flex™ Conversion Kit - 54" w/Offset Pinles	SS
Retainers [Includes 2; 3; 4; 5; 6; 9; 10; 11; 4 of	
13, 18, 19, 20, 21, 22 & 23; 8 of 15, 16 & 17]	
1101932 Shur-Flex™ Crank Extension Hardware Kit - 40'	
[Includes 3; 5; 6; 9]	
1105048 Shur-Flex™ Crank Extension Hardware Kit - 54'	'
[Includes 3; 5; 6; 9]	
1117752 Shur-Flex™ Crank Extension Hardware Kit - 80'	
[Includes 3; 5; 6; 9]	_
1105047 Shur-Flex™ Crank Extension Hardware Kit - 96' [Includes 3; 5; 6; 9]	
1105305 Crank Hardware Kit [Includes <b>2</b> ; <b>4</b> ; <b>10</b> ; <b>11</b> ]	
1701243 Splined U-Joint	
1700526 Wire Lock Pin - 3/8" x 2-1/2"	
1101924 Lock Tube - 5-1/2"	
1700443 Spring Pin - 3/8" x 2"	
1105001 Shur-Flex™ Upper Crank Extension - 40"	
1105050 Shur-Flex™ Upper Crank Extension - 54"	
1117753 Shur-Flex™ Upper Crank Extension - 80"	
1105049 Shur-Flex™ Upper Crank Extension - 96"	
1701118 Spring Pin - 1/4" x 1-3/16" 1122522 Male Knuckle w/Pin	
1122522 Male Knuckle w/Pin 1122523 Female Knuckle w/Pin	
1102691 Lower Extension - 20"	
1700418 Centerlock Hex Nut - 3/8"	
1700369 Hex Head Cap Screw - 3/8" x 1-3/4"	
1100171 Standard Crank Arm - 24"	
1100362 Operating Decal	
1101930 Offset J-Hook Crank Retainer	
1100574 Cable w/#5 Interlock Snap	
1700400 Self-Tapping Screw - 3/8" x 1"	
1700434 Lock Washer - 3/8"	
1700407 Hex Nut - 3/8"	
1114599 Offset Pinless Crank Retainer Base Plate	
1703133 Clevis Pin - 5/16" x 1-3/4" 1703134 Tension Spring	
1703134 Tension Spring 1704380 Bowtie Cotter Pin - 1-3/8"	
1700427 Flat Washer - 1/4"	
1114600 Offset Pinless Crank Retainer Lock	
1116110 Crank Handle Kit (Handle - Washer - Nut)	





## **CRANK ARMS – STANDARD**

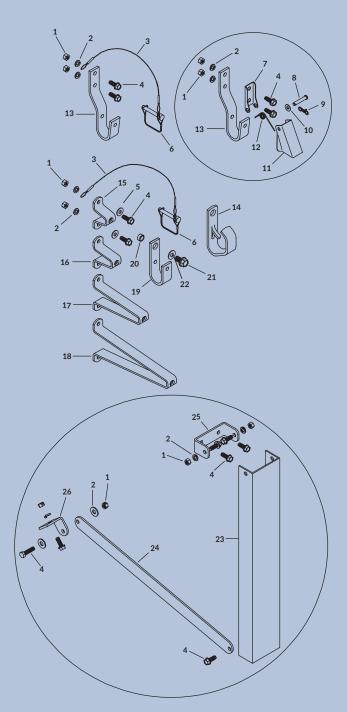
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ITEM	PART#	DESCRIPTION
		For SHUR-LOK® ROLL TARPS
	1100812	Standard Crank Arm Kit - 33" Extension
		[Includes 1; 2; 3; 4; 7; 8; 9]
	1100816	Standard Crank Arm Kit - 80" Extension
		[Includes 1; 2; 3; 5; 7; 8; 9]
	1122845	Standard Crank Arm Kit - 96" Extension
		[Includes 1; 2; 3; 6; 7; 8; 9]
	1100813	Long Crank Arm Kit - 80" Extension
		[Includes 1; 2; 3; 5; 7; 8 (long); 9]
	1105305	Crank Hardware [Includes 2; 3; 7; 9]
1	1701243	Splined U-Joint
2 3 4 5	1700526	Wire Lock Pin - 3/8" x 2-1/2"
3	1700443	Spring Pin - 3/8" x 2"
4	1100687	Crank Extension - 33"
5	1100028	Crank Extension - 80"
6	1106449	Crank Extension - 96"
7	1700369	Hex Head Cap Screw - 3/8" x 1-3/4"
8	1100171	Standard Crank Arm - 24"
	1100069	Long Crank Arm - 60"
8a	1100362	Operating Decal
9	1700418	Centerlock Hex Nut - 3/8"
10	1116110	Crank Handle Kit (Handle - Washer - Nut)
		For BELT 'N RATCHET ROLL TARPS
	1100061	Standard Belt 'n Ratchet Crank Arm Kit*
		[Includes 11; 12; 14; 16; 2 of 13]
	1101500	Long Belt 'n Ratchet Crank Arm Kit*
		[Includes 11; 12; 14; 15; 16; 2 of 13]
11	1115774	Pilot Crank Key
12	1700527	Econo U-Joint
13	1700445	Spring Pin - 1/4" x 1-1/2"
14	1100461	Offset Crank Arm
15	1107838	Square Crank Extension - 33"
16	1701118	Spring Pin - 1/4" x 1-3/16"

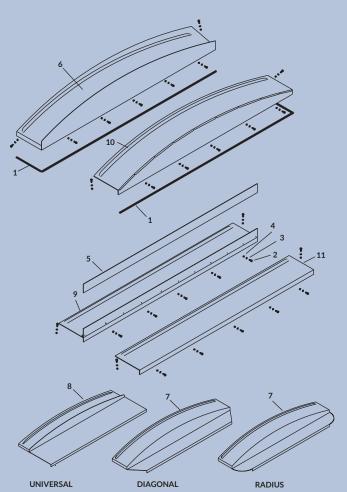
<sup>\*</sup>Leave-on crank option requires wire lock pin [2], sold separately.

#### **CRANK RETAINERS**

TEM   PART # DESCRIPTION	CRA	NK RET	AINERS
Includes 3; 6; 15; 19; 20; 21; 2 of 1, 2 & 4    110386	ITEM	PART#	DESCRIPTION
1118449   Crank Retainer Kit w/3" Standoff   Includes 3: 6: 16: 19: 20: 21; 20: 12: 6: 4]   1100386   Crank Retainer Kit w/7" Standoff   Includes 3: 6: 17: 19: 20: 21; 20: 12: 6: 4]   1120633   Crank Retainer Kit w/1" Standoff   Includes 3: 6: 18: 19: 20: 21; 20: 12: 6: 4]   1107048   Pinless Crank Retainer Kit w/1" Standoff   Includes 14: 15: 20: 21: 20: 12: 8: 4]   1109115   Pinless Crank Retainer Kit w/7" Standoff   Includes 14: 15: 20: 21: 20: 12: 26: 4]   1109479   Pinless Crank Retainer Kit w/7" Standoff   Includes 14: 18: 20: 21: 20: 12: 26: 4]   1109479   Pinless Crank Retainer Kit w/7" Standoff   Includes 14: 18: 20: 21: 20: 12: 22: 4]   1109479   Pinless Crank Retainer Kit w/7" Standoff   Includes 14: 18: 20: 21: 20: 12: 22: 4]   1115515   Stainless Pinless Crank Retainer Kit w/1" Standoff   Includes 14: 18: 20: 21: 22: 20: 12: 24: 8: 5]   1107052   Pinless Crank Retainer Kit w/1" Standoff   Includes 14: 18: 20: 21: 22: 20: 12: 24: 48: 5]   1107052   Pinless Crank Retainer Kit w/1" Standoff   Includes 14: 18: 20: 21: 22: 20: 12: 24: 48: 5]   1107052   Pinless Crank Retainer Kit   Includes 14: 18: 20: 21: 22: 20: 12: 24: 48: 5]   1107092   Offset Pinless Crank Retainer Kit   Includes 3: 6: 13: 20: 12: 28: 4]   1114603   Offset Pinless Crank Retainer Kit   Includes 3: 6: 13: 20: 12: 28: 4]   111553   Universal Crank Retainer Conversion Kit   Includes 7: 8: 9: 10: 11: 12: 13: 20: 12: 28: 4]   11107001   Universal Crank Retainer Support Kit' - 24"   Includes 23: 24: 24: 25: 10: 10: 12: 8: 4]   1107002   Universal Crank Retainer Support Kit' - 42"   Includes 23: 20: 24: 25: 10: 10: 12: 8: 4]   1107003   Pinless Crank Retainer Hardware Kit   Includes 3: 20: 21: 20: 61: 28: 4]   1107004   Crank Retainer Hardware Kit   Includes 3: 6: 20: 21: 20: 61: 28: 4]   1107005   Vire Cock Pinless Crank Retainer Hardware Kit   Includes 3: 6: 20: 61: 28: 4]   1107006   Crank Retainer Hardware Kit   Includes 3: 6: 20: 61: 28: 4]   1107007   Stainless Pinless Crank Retainer Hardware Kit   Includes 3: 6: 20: 61: 28: 4]   1		1100388	Crank Retainer Kit w/2" Standoff
Includes 3; 6; 16; 19; 20; 21; 2 of 1, 2 & 4     1100386			
1100386   Crank Retainer Kit w/T' Standoff   Includes 3; 6; 17; 19; 20; 21; 2 of 1, 2 & 4		1118649	
Includes 3; 6; 17; 19; 20; 21; 2 of 1, 2 & 4     1107048   Finless Crank Retainer Kit w/11" Standoff [Includes 3; 6; 18; 19; 20; 21; 2 of 1, 2 & 4     1109115   Pinless Crank Retainer Kit w/2" Standoff [Includes 14; 15; 20; 21; 2 of 1, 2 & 4     1109115   Pinless Crank Retainer Kit w/3" Standoff [Includes 14; 16; 20; 21; 2 of 1, 2 & 4     1107047   Pinless Crank Retainer Kit w/1" Standoff [Includes 14; 17; 20; 21; 2 of 1, 2 & 4     110947   Pinless Crank Retainer Kit w/1" Standoff [Includes 14; 18; 20; 21; 2 of 1, 2 & 4     110947   Pinless Crank Retainer Kit w/1" Standoff [Includes 14; 18; 20; 21; 2 of 1, 2 & 4     1115515   Stainless Pinless Crank Retainer Kit w/1" Standoff [Includes 14; 18; 20; 21; 22; 2 of 1, 2, 4 & 5     1115516   Stainless Pinless Crank Retainer Kit w/1" Standoff [Includes 14; 18; 20; 21; 22; 2 of 1, 2, 4 & 5     1107052   Pinless Crank Retainer Kit w/1" Standoff [Includes 14; 20; 21]     1101929   Offset Crank Retainer Kit [Includes 3; 6; 13; 2 of 1, 2 & 4     1114603   Offset Pinless Crank Retainer Kit [Includes 3; 6; 20; 21]     1114602   Offset Pinless Crank Retainer Kit [Includes 7; 8; 9; 10; 11; 12; 12; 2 of 1, 2 & 4     111655   Universal Crank Retainer Conversion Kit [Includes 7; 8; 9; 10; 11; 12; 2 of 1, 2 & 4     111655   Universal Crank Retainer Support Kit" - 24" [Includes 23; 24; 25; 26; 7 of 1, 2 & 4     1107061   Universal Crank Retainer Support Kit" - 33" [Includes 23; 20; 24 & 25; 10 of 1, 2 & 4     1107062   Universal Crank Retainer Support Kit" - 42" [Includes 23; 20; 20; 24; 25; 12; 20; 12; 20; 4     1107063   Stainless Dick Washer - 3/8"     1107064   Texak Retainer Hardware Kit [Includes 23; 20; 21; 20; 11; 20; 4]     1107065   Universal Crank Retainer Hardware Kit [Includes 20; 21; 20; 61; 2, 4 & 2]     1107060   Offset Crank Retainer Hardware Kit [Includes 20; 21; 20; 61; 2, 4 & 2]     1107061   Offset Pinless Crank Retainer Hardware Kit [Includes 20; 20; 20; 20; 20; 20; 20; 20; 20; 20;		1100386	
Includes 3; 6; 18, 19; 20; 21; 2 of 1, 2 & 4    1107048   Pinless Crank Retainer Kit w/2" Standoff   Includes 14; 15; 20; 21; 2 of 1, 2 & 4    1109115   Pinless Crank Retainer Kit w/3" Standoff   Includes 14; 16; 20; 21; 2 of 1, 2 & 4    1107047   Pinless Crank Retainer Kit w/1" Standoff   Includes 14; 17; 20; 21; 2 of 1, 2 & 4    110947   Pinless Crank Retainer Kit w/1" Standoff   Includes 14; 18; 20; 21; 2 of 1, 2 & 4    110947   Pinless Crank Retainer Kit w/1" Standoff   Includes 14; 18; 20; 21; 2 of 1, 2 & 4    1115515   Stainless Pinless Crank Retainer Kit w/1" Standoff   Includes 14; 17; 20; 21; 22; 2 of 1, 2 & 4    1115516   Stainless Pinless Crank Retainer Kit w/11" Standoff   Includes 14; 17; 20; 21; 22; 2 of 1, 2, 4 & 5    1107052   Pinless Crank Retainer Kit   Includes 3; 6; 13; 2 of 1, 2 & 4    1107052   Offset Crank Retainer Kit   Includes 3; 6; 13; 2 of 1, 2 & 4    1114603   Offset Pinless Crank Retainer Kit   Includes 3; 6; 13; 2 of 1, 2 & 4    1114603   Offset Pinless Crank Retainer Conversion Kit   Includes 7; 8; 9; 10; 11; 12; 13; 2 of 1, 2 & 4    1114603   Universal Crank Retainer Support Kit* - 34"   Includes 23; 24; 25; 26; 7 of 1, 2 & 4    111653   Universal Crank Retainer Support Kit* - 34"   Includes 23; 22; 22; 24 & 25; 10 of 1, 2 & 4    1117040   Universal Crank Retainer Support Kit* - 42"   Includes 23; 22; 24 & 25; 10 of 1, 2 & 4    1107061   Crank Retainer Hardware Kit   Includes 23; 20; 21; 20 f1, 2 & 4    1107062   Pinless Crank Retainer Hardware Kit   Includes 20; 21; 20 f1, 2 & 4    1107063   Pinless Crank Retainer Hardware Kit   Includes 3; 6; 20; 21; 20 f1, 2 & 4    1107064   Crank Retainer Hardware Kit   Includes 3; 6; 20; 1; 20 f1, 2 & 4    1107065   Pinless Crank Retainer Hardware Kit   Includes 3; 6; 20 f1, 2 & 4    1107067   Crank Retainer Hardware Kit   Includes 3; 6; 20 f1, 2 & 4    1107069   Pinless Crank Retainer Hardware Kit   Includes 3; 6; 20 f1, 2 & 4    1107040   Crank Retainer Hardware Kit   Includes 3; 6; 20 f1, 2 & 4    1107040   Pinless Crank Retainer Hardw		110000	
1107048   Pinless Crank Retainer Kit w/2" Standoff   Includes 14; 15; 20; 21; 2 of 1, 2 & 4       1109115   Pinless Crank Retainer Kit w/3" Standoff   Includes 14; 15; 20; 21; 2 of 1, 2 & 4       1107047   Pinless Crank Retainer Kit w/3" Standoff   Includes 14; 17; 20; 21; 2 of 1, 2 & 4       1109479   Pinless Crank Retainer Kit w/1" Standoff   Includes 14; 17; 20; 21; 2; 2 of 1, 2 & 4       1109479   Pinless Crank Retainer Kit w/1" Standoff   Includes 14; 18; 20; 21; 2 of 1, 2 & 4       1115515   Stainless Pinless Crank Retainer Kit w/7" Standoff   Includes 14; 18; 20; 21; 20; 12, 24 & 5       1115516   Stainless Pinless Crank Retainer Kit w/1" Standoff   Includes 14; 18; 20; 21; 22; 2 of 1, 2, 4 & 5       1107052   Pinless Crank Retainer Kit   Includes 3; 6; 13; 2 of 1, 2 & 4       1107052   Pinless Crank Retainer Kit   Includes 3; 6; 13; 2 of 1, 2 & 4       1107052   Offset Pinless Crank Retainer Kit   Includes 3; 6; 13; 2 of 1, 2 & 4       1114603   Offset Pinless Crank Retainer Conversion Kit   Includes 7; 8; 9; 10; 11; 12; 13; 2 of 1, 2 & 4       1116553   Universal Crank Retainer Support Kit* - 24"   Includes 3; 6; 19; 11; 11; 21; 32 of 1, 2 & 4       1120190   Universal Crank Retainer Support Kit* - 33"   Includes 3; 23; 20; 24 & 25; 10 of 1, 2 & 4       1117438   Universal Crank Retainer Support Kit* - 42"   Includes 3; 6; 20; 21; 2 of 1, 2 & 4       1107061   Crank Retainer Hardware Kit   Includes 3; 6; 20; 21; 2 of 1, 2 & 4       1107061   Crank Retainer Hardware Kit   Includes 3; 6; 20; 21; 2 of 1, 2 & 4       1107062   Offset Crank Retainer Hardware Kit   Includes 3; 6; 20; 21; 2 of 1, 2 & 4       1107063   Stainless Pinless Crank Retainer Base Plate       1700407   Hex Nut - 3/8"       1700409   Self-Tapping Screw - 3/8" x 1"       1700400   Self-Tapping Screw - 3/8" x 1"       1700313   Crank Retainer Standoff - 2"       170042   Flat Washer - 1/2"       1		1120633	
Includes 14: 15: 20: 21: 2 of 1, 2 & 4     1107047   Pinless Crank Retainer Kit w/3" Standoff [Includes 14: 16: 20: 21: 2 of 1, 2 & 4     1107047   Pinless Crank Retainer Kit w/7" Standoff [Includes 14: 17: 20: 21: 2 of 1, 2 & 4     1109479   Pinless Crank Retainer Kit w/1" Standoff [Includes 14: 18: 20: 21: 2 of 1, 2 & 4     1115515   Stainless Pinless Crank Retainer Kit w/1" Standoff [Includes 14: 18: 20: 21: 22: 2 of 1, 2, 4 & 5     1115516   Stainless Pinless Crank Retainer Kit w/1" Standoff [Includes 14: 18: 20: 21: 22: 2 of 1, 2, 4 & 5     1107052   Pinless Crank Retainer Kit w/1" Standoff [Includes 14: 18: 20: 21: 22: 2 of 1, 2, 4 & 5     1107052   Pinless Crank Retainer Kit [Includes 3: 6: 13: 2 of 1, 2 & 4     110403   Offset Pinless Crank Retainer Kit [Includes 3: 6: 13: 2 of 1, 2 & 4     1114603   Offset Pinless Crank Retainer Kit [Includes 7: 8: 9: 10: 11: 12: 13: 2 of 1, 2 & 4     1116550   Universal Crank Retainer Conversion Kit [Includes 7: 8: 9: 10: 11: 12: 2 of 1, 2 & 4     1116550   Universal Crank Retainer Support Kit" - 24" [Includes 23: 24: 25: 26: 7 of 1, 2 & 4     1117438   Universal Crank Retainer Support Kit" - 33" [Includes 23: 20: 24 & 25: 10 of 1, 2 & 4     1107061   Crank Retainer Hardware Kit [Includes 3: 6: 02: 21: 2 of 1, 2 & 4     1107063   Pinless Crank Retainer Hardware Kit [Includes 3: 6: 02: 21: 2 of 1, 2 & 4     1107064   Crank Retainer Hardware Kit [Includes 3: 6: 02: 12: 2 of 1, 2 & 4     1107065   Vince Control Retainer Hardware Kit [Includes 3: 6: 2 of 1, 2 & 4     1107066   Crank Retainer Hardware Kit [Includes 3: 6: 2 of 1, 2 & 4     1107067   Crank Retainer Hardware Kit [Includes 3: 6: 2 of 1, 2 & 4     1107069   Pinless Crank Retainer Hardware Kit [Includes 3: 6: 2 of 1, 2 & 4     1107069   Pinless Crank Retainer Hardware Kit [Includes 3: 6: 2 of 1, 2 & 4     1107069   Pinless Crank Retainer Hardware Kit [Includes 3: 6: 2 of 1, 2 & 4     1107069   Pinless Crank Retainer Hardware Kit [Includes 3: 6: 2 of 1, 2 & 4     1107069   Pinless Crank Retainer Hardware Kit [I		1107049	
1109115		1107040	
1107047   Pinless Crank Retainer Kit w/7" Standoff   Includes 14: 17: 20: 21: 2 of 1, 2 & 4		1109115	Pinless Crank Retainer Kit w/3" Standoff
Includes 14; 17; 20; 21; 2 of 1, 2 & 4		1107047	[Includes 14; 16; 20; 21; 2 of 1, 2 & 4]
1109479   Pinless Crank Retainer Kit w/11" Standoff   Includes 14; 18; 20; 21; 2 of 1, 2 & 4		110/04/	
1115515		1109479	Pinless Crank Retainer Kit w/11" Standoff
Includes 14; 17; 20; 21; 22; 2 of 1, 2, 4 & 5     1115516		4445545	
1115516 Stainless Pinless Crank Retainer Kit w/11" Standoff [Includes 14; 18; 20; 21; 22; 2 of 1, 2, 4 & 5]  1107052 Pinless Crank Retainer Kit [Includes 3; 6; 13; 2 of 1, 2 & 4]  1101929 Offset Crank Retainer Kit [Includes 3; 6; 13; 2 of 1, 2 & 4]  1114603 Offset Pinless Crank Retainer Kit [Includes 7; 8; 9; 10; 11; 12; 13; 2 of 1, 2 & 4]  1114602 Offset Pinless Crank Retainer Conversion Kit [Includes 7; 8; 9; 10; 11; 12; 2 of 1, 2 & 4]  1114602 Offset Pinless Crank Retainer Support Kit* - 24" [Includes 23; 24; 25; 26; 7 of 1, 2 & 4]  1116553 Universal Crank Retainer Support Kit* - 33" [Includes 23; 2 of 24 & 25; 10 of 1, 2 & 4]  1120190 Universal Crank Retainer Support Kit* - 33" [Includes 23; 2 of 24 & 25; 10 of 1, 2 & 4]  1117438 Universal Crank Retainer Support Kit* - 42" [Includes 23; 2; 2 of 24 & 25; 10 of 1, 2 & 4]  1107061 Crank Retainer Hardware Kit [Includes 3; 6; 20; 21; 2 of 1, 2 & 4]  1107063 Pinless Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2 & 4]  1116167 Stainless Pinless Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2 & 4]  1116167 Stainless Pinless Crank Retainer Hardware Kit [Includes 3; 6; 20; 21; 2 of 1, 2 & 4]  1170040 Hex Nut - 38"  1200999 Stainless Hex Nut - 38"  1200999 Stainless Hex Nut - 38"  1703576 Stainless Lock Washer - 3/8"  1703577 Stainless Hex Head Cap Screw - 3/8" x 1"  1703579 Stainless Hex Head Cap Screw - 3/8" x 1"  1703579 Stainless Flat Washer - 3/8"  5 1703579 Stainless Flat Washer - 3/8"  1 110930 Offset Pinless Crank Retainer Base Plate  1 1700407 Hex Nut - 3/8" x 2-1/2"  7 1114599 Offset Pinless Crank Retainer  1 1107040 Tenles Crank Retainer Base Plate  1 1700407 Flat Washer - 1/4"  1 1114600 Offset Pinless Crank Retainer  1 11070407 Crank Retainer Standoff - 7"  1 1115514 Stainless Pinless Crank Retainer  1 110030 Crank Retainer Standoff - 7"  1 110030 Crank Retainer Standoff - 7"  1 110030 Crank Retainer Standoff - 7"  1 1100479 Pinless Crank Retainer  2 1 100479 Flarged Cap Screw - 1/2" x 1-1/4"  1 1 10040 J-Hook Crank Retainer  2 1 10030 Fl		1115515	
1107052 Pinless Crank Retainer Kit [Includes 14; 20; 21]  1101929 Offset Crank Retainer Kit [Includes 3; 6; 13; 2 of 1, 2 & 4]  1114603 Offset Pinless Crank Retainer Kit [Includes 7; 8; 9; 10; 11; 12; 13; 2 of 1, 2 & 4]  1114602 Offset Pinless Crank Retainer Conversion Kit [Includes 7; 8; 9; 10; 11; 12; 20 f1, 2 & 4]  1114603 Universal Crank Retainer Support Kit* - 24" [Includes 23; 24; 25; 26; 7 of 1, 2 & 4]  1110790 Universal Crank Retainer Support Kit* - 33" [Includes 23; 20 f 24 & 25; 10 of 1, 2 & 4]  11107061 Crank Retainer Furport Kit* - 42" [Includes 23; 2 of 24 & 25; 10 of 1, 2 & 4]  1107061 Crank Retainer Hardware Kit [Includes 3; 6; 20; 21; 2 of 1, 2 & 4]  1107063 Pinless Crank Retainer Hardware Kit [Includes 30; 21; 2 of 1, 2 & 4]  1107064 Stainless Pinless Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2 & 4]  1107065 Offset Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2 & 4]  1107066 Offset Crank Retainer Hardware Kit [Includes 30; 6; 2 of 1, 2 & 4]  1107067 Universal Crank Retainer Hardware Kit [Includes 30; 6; 2 of 1, 2 & 4]  1107068 Offset Offset Crank Retainer Hardware Kit [Includes 30; 6; 2 of 1, 2 & 4]  1107069 Stainless Hex Nut - 3/8"  1100574 Cable w/#5 Interlock Snap  2 1700434 Lock Washer - 3/8"  3 1100574 Cable w/#5 Interlock Snap  4 1700400 Self-Tapping Screw - 3/8" x 1"  5 1703577 Stainless Hex Head Cap Screw - 3/8" x 1"  5 1703577 Stainless Flat Washer - 3/8"  6 1700526 Wire Lock Pin - 3/8" x 2 - 1/2"  7 1114599 Offset Pinless Crank Retainer Base Plate  8 1703133 Clevis Pin - 5/16" x 1 - 3/4"  19 170430 Bowtic Cotter Pin - 1- 3/8"  11 1107040 Pinless Crank Retainer Standoff - 7"  11 115511 Stainless Pinless Crank Retainer  10 1700407 Flat Washer - 1/4"  11 110030 Crank Retainer Standoff - 7"  111551 Stainless Pinless Crank Retainer  20 1100306 Retainer Bushing - 11/16"  11 1100307 Crank Retainer Standoff - 1"  11 110030 Crank Retainer Standoff - 1"  1		1115516	
Includes 14; 20; 21			
1101929 Offset Crank Retainer Kit [Includes 3; 6; 13; 2 of 1, 2 & 4]  1114603 Offset Pinless Crank Retainer Kit [Includes 7; 8; 9; 10; 11; 12; 13; 2 of 1, 2 & 4]  1114602 Offset Pinless Crank Retainer Conversion Kit [Includes 7; 8; 9; 10; 11; 12; 01; 2 & 4]  1116553 Universal Crank Retainer Support Kit* - 24" [Includes 23; 24; 25; 26; 7 of 1, 2 & 4]  1120190 Universal Crank Retainer Support Kit* - 33" [Includes 23; 2 of 2 & 8: 25; 10 of 1, 2 & 4]  1117438 Universal Crank Retainer Support Kit* - 42" [Includes 23; 2 of 2 & 8: 25; 10 of 1, 2 & 4]  1117438 Universal Crank Retainer Support Kit* - 42" [Includes 23; 2 of 2 & 8: 25; 10 of 1, 2 & 4]  1107061 Crank Retainer Hardware Kit [Includes 3; 6; 20; 21; 2 of 1, 2 & 4]  1107063 Pinless Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2 & 4]  1116167 Stainless Pinless Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2 & 4]  11170040 Offset Crank Retainer Hardware Kit [Includes 3; 6; 20; 21; 2 of 1, 2 & 4]  1 1700407 Hex Nut - 3/8"  1 200999 Stainless Hex Nut - 3/8"  2 1700434 Lock Washer - 3/8"  3 1100574 Cable w/#5 Interlock Snap  4 1700400 Self-Tapping Screw - 3/8" x 1"  1703579 Stainless Flat Washer - 3/8"  5 1703577 Stainless Flat Washer - 3/8"  6 1700526 Wire Lock Pin - 3/8" x 2-1/2"  7 1114599 Offset Pinless Crank Retainer Base Plate  8 1703133 Clevis Pin - 5/16" x 1-3/4"  9 170430 Bowtie Cotter Pin - 1-3/8"  10 1700427 Flat Washer - 1/4"  11 1114600 Offset Pinless Crank Retainer  11 1115511 Stainless Prank Retainer  11 115513 Stainless Prank Retainer  11 110003 Crank Retainer Standoff - 7"  1115511 Stainless Crank Retainer  11 110003 Crank Retainer Standoff - 1"  11 1100040 Hook Crank Retainer Standoff - 1"  11 110003 Crank Retainer Standoff - 1"  11 1100040 J-Hook Crank Retainer Standoff - 1"  11 1100040 Cr		1107052	
2 of 1, 2 & 4]  1114603 Offset Pinless Crank Retainer Kit		1101929	
Includes 7; 8; 9; 10; 11; 12; 13; 2 of 1, 2 & 4     1114602		-	2 of <b>1</b> , <b>2</b> & <b>4</b> ]
1114602 Offset Pinless Crank Retainer Conversion Kit [Includes 7; 8; 9; 10; 11; 12; 2 of 1, 2 & 4]  1116553 Universal Crank Retainer Support Kit* - 24" [Includes 23; 24; 25; 26; 7 of 1, 2 & 4]  112019 Universal Crank Retainer Support Kit* - 33" [Includes 23; 2 of 24 & 25; 10 of 1, 2 & 4]  1117438 Universal Crank Retainer Support Kit* - 42" [Includes 23; 2 of 24 & 25; 10 of 1, 2 & 4]  1117438 Universal Crank Retainer Support Kit* - 42" [Includes 23; 2 of 24 & 25; 10 of 1, 2 & 4]  1107061 Crank Retainer Hardware Kit [Includes 3; 6; 20; 21; 2 of 1, 2 & 4]  1107063 Pinless Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2 & 4]  1116167 Stainless Pinless Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2 & 4]  1107062 Offset Crank Retainer Hardware Kit [Includes 3; 6; 2 of 1, 2 & 4]  1 1700407 Hex Nut - 3/8"  1200999 Stainless Hex Nut - 3/8"  1 200999 Stainless Lock Washer - 3/8"  3 1100574 Cable w/#5 Interlock Snap  4 1700400 Self-Tapping Screw - 3/8" x 1"  1703579 Stainless Hex Head Cap Screw - 3/8" x 1"  5 1703577 Stainless Flat Washer - 3/8"  6 1700526 Wire Lock Pin - 3/8" x 2-1/2"  7 1114599 Offset Pinless Crank Retainer Base Plate  8 1703133 Clevis Pin - 5/16" x 1-3/4"  9 1704380 Bowtie Cotter Pin - 1-3/8"  10 1700427 Flat Washer - 1/4"  11 1114600 Offset Pinless Crank Retainer  1115514 Stainless Pinless Crank Retainer  1115514 Stainless Pinless Crank Retainer  1115515 Stainless Crank Retainer  1115510 Crank Retainer Standoff - 7"  1115511 Stainless Crank Retainer Standoff - 7"  1115513 Stainless Crank Retainer Standoff - 7"  1115514 Stainless Crank Retainer Standoff - 11"  19 1100040 J-Hook Crank Retainer Standoff - 7"  1115513 Stainless Crank Retainer Standoff - 7"  1115514 Stainless Crank Retainer Standoff - 7"  111574 Crank Support Bracket - 42"  21 1703619 Stainless Hex Head Cap Screw - 1/2" x 1-1/4"  22 1703620 Stainless Hex Head Cap Screw - 1/2" x 1-1/4"  23 1116555 Crank Support Bracket - 42"  24 1116557 Swivel Support Bracket - 42"  24 1116557 Swivel Support Bracket - 42"		1114603	
[Includes 7; 8; 9; 10; 11; 12; 2 of 1, 2 & 4]  1116553 Universal Crank Retainer Support Kit* - 24"		1114602	
1116553		111-1002	[Includes 7; 8; 9; 10; 11; 12; 2 of 1, 2 & 4]
1120190 Universal Crank Retainer Support Kit* 33" [Includes 23; 2 of 24 & 25; 10 of 1, 2 & 4]  1117438 Universal Crank Retainer Support Kit* - 42" [Includes 23; 2 of 24 & 25; 10 of 1, 2 & 4]  1107061 Crank Retainer Hardware Kit [Includes 3; 6; 20; 21; 2 of 1, 2 & 4]  1107063 Pinless Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2 & 4]  1107064 Stainless Pinless Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2 & 4]  1107062 Offset Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2 & 4]  1107062 Offset Crank Retainer Hardware Kit [Includes 3; 6; 2 of 1, 2 & 4]  1 1700407 Hex Nut - 3/8"  1200999 Stainless Hex Nut - 3/8"  2 1700434 Lock Washer - 3/8"  2 1700434 Lock Washer - 3/8"  3 1100574 Cable w/#5 Interlock Snap  4 1700400 Self-Tapping Screw - 3/8" x 1"  1703579 Stainless Hex Head Cap Screw - 3/8" x 1"  5 1703577 Stainless Hex Head Cap Screw - 3/8" x 1"  5 1703577 Stainless Hex Head Cap Screw - 3/8" x 1"  5 1703579 Stainless Hex Head Cap Screw - 3/8" x 1"  5 1703513 Clevis Pin - 5/16" x 1-3/4"  9 1704380 Bowtie Cotter Pin - 1-3/8"  10 1700427 Flat Washer - 1/4"  11 114600 Offset Pinless Crank Retainer Base Plate  12 1703134 Tension Spring  13 1101930 Offset Pinless Crank Retainer  1115514 Stainless Pinless Crank Retainer  1115515 Stainless Pinless Crank Retainer  1115511 Stainless Crank Retainer  1115513 Stainless Crank Retainer  11100407 Crank Retainer Standoff - 7"  1115513 Stainless Crank Retainer Standoff - 7"  1115514 Stainless Crank Retainer Standoff - 11"  1115515 Stainless Crank Retainer Standoff - 7"  1115511 Stainless Crank Retainer Standoff - 11"  1115513 Stainless Crank Retainer Standoff - 11"  11100306 Retainer Bushing - 11/16"  21 170290 Flanged Cap Screw - 1/2" x 1-1/4"  1703620 Stainless Hex Head Cap Screw - 1/2" x 1-1/4"  1703620 Stainless Hex Head Cap Screw - 1/2" x 1-1/4"  1703620 Stainless Hex Head Cap Screw - 1/2" x 1-1/4"  1703620 Stainless Hex Head Cap Screw - 1/2" x 1-1/4"  22 1703620 Stainless Hex Head Cap Screw - 1/2" x 1-1/4"  23 1116555 Crank Support Bracket - 24"		1116553	Universal Crank Retainer Support Kit* - 24"
Includes 23; 2 of 24 & 25; 10 of 1, 2 & 4     1117438		1120100	[Includes 23; 24; 25; 26; 7 of 1, 2 & 4]
1117438 Universal Crank Retainer Support Kit* - 42" [Includes 23; 2 of 24 & 25; 10 of 1, 2 & 4]  1107061 Crank Retainer Hardware Kit [Includes 3; 6; 20; 21; 2 of 1, 2 & 4]  1107063 Pinless Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2 & 4]  1116167 Stainless Pinless Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2 & 4]  1107062 Offset Crank Retainer Hardware Kit [Includes 3; 6; 20; 21; 2 of 1, 2 & 4]  1 1700407 Hex Nut - 3/8"  1200999 Stainless Hex Nut - 3/8"  1200999 Stainless Hex Nut - 3/8"  1703576 Stainless Lock Washer - 3/8"  3 1100574 Cable w/#5 Interlock Snap  4 1700400 Self-Tapping Screw - 3/8" x 1"  1703579 Stainless Hex Head Cap Screw - 3/8" x 1"  5 1703577 Stainless Flat Washer - 3/8"  6 1700526 Wire Lock Pin - 3/8" x 2-1/2"  7 1114599 Offset Pinless Crank Retainer Base Plate  8 1703133 Clevis Pin - 5/16" x 1-3/4"  9 1704380 Bowtie Cotter Pin - 1-3/8"  10 1700427 Flat Washer - 1/4"  11 114600 Offset Pinless Crank Retainer Lock  12 1703134 Tension Spring  13 101930 Offset J-Hook Crank Retainer  14 1107049 Pinless Crank Retainer  15 1100137 Crank Retainer Standoff - 2"  16 1107080 Crank Retainer Standoff - 3"  17 1100030 Crank Retainer Standoff - 7"  1115511 Stainless Crank Retainer Standoff - 7"  1115513 Stainless Crank Retainer Standoff - 11"  115514 Crank Retainer Standoff - 11"  115515 Stainless Crank Retainer Standoff - 11"  115516 Crank Retainer Bushing - 11/16"  21 1702996 Flanged Cap Screw - 1/2" x 1-1/4"  1703619 Stainless Hex Head Cap Screw - 1/2" x 1-1/4"  1703620 Stainless Flat Washer - 1/2"  22 1703620 Stainless Flat Washer - 1/2"  23 1116555 Crank Support Bracket - 24"  1120191 Crank Support Bracket - 42"  24 1116557 Swivel Support Bracket - 42"  25 1116554 Crank Support Bracket - 42"		1120170	[Includes 23: 2 of 24 & 25: 10 of 1, 2 & 4]
1107061		1117438	Universal Crank Retainer Support Kit* - 42"
[Includes 3; 6; 20; 21; 2 of 1, 2 & 4]  1107063 Pinless Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2 & 4]  1116167 Stainless Pinless Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2, 4 & 22]  1107062 Offset Crank Retainer Hardware Kit [Includes 3; 6; 2 of 1, 2 & 4]  1 1700407 Hex Nut - 3/8"  1200999 Stainless Hex Nut - 3/8"  2 1700434 Lock Washer - 3/8"  1703576 Stainless Lock Washer - 3/8"  3 1100574 Cable w/#5 Interlock Snap  4 1700400 Self-Tapping Screw - 3/8" x 1"  1703579 Stainless Hex Head Cap Screw - 3/8" x 1"  5 1703577 Stainless Flat Washer - 3/8"  6 1700526 Wire Lock Pin - 3/8" x 2-1/2"  7 1114599 Offset Pinless Crank Retainer Base Plate  8 1703133 Clevis Pin - 5/16" x 1-3/4"  9 1704380 Bowtie Cotter Pin - 1-3/8"  10 1700427 Flat Washer - 1/4"  11 114600 Offset Pinless Crank Retainer Lock  12 1703134 Tension Spring  13 1101930 Offset Pinless Crank Retainer  14 1107049 Pinless Crank Retainer  15 1100137 Crank Retainer Standoff - 2"  16 1107080 Crank Retainer Standoff - 7"  1115511 Stainless Pinless Crank Retainer  15 1100137 Crank Retainer Standoff - 7"  1115513 Stainless Crank Retainer Standoff - 11"  19 1100040 J-Hook Crank Retainer Standoff - 11"  1703619 Stainless Crank Retainer Standoff - 11"  1703619 Stainless Hex Head Cap Screw - 1/2" x 1-1/4"  22 1703620 Stainless Hex Head Cap Screw - 1/2" x 1-1/4"  22 1703620 Stainless Flat Washer - 1/2"  23 116555 Crank Support Bracket - 24"  1120191 Crank Support Bracket - 24"  1120191 Crank Support Bracket - 42"  24 1116557 Swivel Support Bracket - 42"  25 1116554 Crank Support Bracket - 42"		4407074	
1107063		110/061	
1116167 Stainless Pinless Crank Retainer Hardware Kit [Includes 20; 21; 2 of 1, 2, 4 & 22]  1107062 Offset Crank Retainer Hardware Kit [Includes 3; 6; 2 of 1, 2 & 4]  1 1700407 Hex Nut - 3/8"  1200999 Stainless Hex Nut - 3/8"  2 1700434 Lock Washer - 3/8"  1703576 Stainless Lock Washer - 3/8"  3 1100574 Cable w/#5 Interlock Snap  4 1700400 Self-Tapping Screw - 3/8" x 1"  1703579 Stainless Hex Head Cap Screw - 3/8" x 1"  5 1703577 Stainless Flat Washer - 3/8"  6 1700526 Wire Lock Pin - 3/8" x 2-1/2"  7 1114599 Offset Pinless Crank Retainer Base Plate  8 1703133 Clevis Pin - 5/16" x 1-3/4"  9 1704380 Bowtie Cotter Pin - 1-3/8"  10 1700427 Flat Washer - 1/4"  11 1114600 Offset Pinless Crank Retainer Lock  12 1703134 Tension Spring  13 1101930 Offset J-Hook Crank Retainer  14 1107049 Pinless Crank Retainer  15 1100137 Crank Retainer Standoff - 2"  16 1107080 Crank Retainer Standoff - 3"  17 1100033 Crank Retainer Standoff - 7"  1115511 Stainless Crank Retainer Standoff - 7"  1115513 Stainless Crank Retainer Standoff - 11"  1115513 Stainless Crank Retainer Standoff - 11"  1115514 Crank Retainer Standoff - 11"  1115515 Stainless Crank Retainer Standoff - 11"  11100030 Retainer Bushing - 11/16"  21 170296 Flanged Cap Screw - 1/2" x 1-1/4"  1703619 Stainless Hex Head Cap Screw - 1/2" x 1-1/4"  1703619 Stainless Flat Washer - 1/2"  22 1703620 Stainless Flat Washer - 1/2"  23 1116555 Crank Support Bracket - 24"  112011 Crank Support Bracket - 42"  24 1116557 Swivel Support Bracket - 42"  25 1116554 Crank Support Bracket - 42"		1107063	
Includes 20; 21; 2 of 1, 2, 4 & 22    1107062		44444	
1107062 Offset Crank Retainer Hardware Kit [Includes 3; 6; 2 of 1, 2 & 4]  1 1700407 Hex Nut - 3/8" 1200999 Stainless Hex Nut - 3/8" 2 1700434 Lock Washer - 3/8" 1703576 Stainless Lock Washer - 3/8" 3 1100574 Cable w/#5 Interlock Snap 4 1700400 Self-Tapping Screw - 3/8" x 1" 1703579 Stainless Hex Head Cap Screw - 3/8" x 1" 5 1703577 Stainless Flat Washer - 3/8" 6 1700526 Wire Lock Pin - 3/8" x 2-1/2" 7 1114599 Offset Pinless Crank Retainer Base Plate 8 1703133 Clevis Pin - 5/16" x 1-3/4" 9 1704380 Bowtie Cotter Pin - 1-3/8" 10 1700427 Flat Washer - 1/4" 11 1114600 Offset Pinless Crank Retainer Lock 12 1703134 Tension Spring 13 1101930 Offset J-Hook Crank Retainer 14 1107049 Pinless Crank Retainer 15 1100137 Crank Retainer Standoff - 2" 16 1107080 Crank Retainer Standoff - 2" 16 1107080 Crank Retainer Standoff - 7" 1115511 Stainless Crank Retainer Standoff - 7" 1115513 Stainless Crank Retainer Standoff - 7" 1115513 Stainless Crank Retainer Standoff - 11" 19 1100040 J-Hook Crank Retainer 20 1100306 Retainer Bushing - 11/16" 21 1702996 Flanged Cap Screw - 1/2" x 1-1/4" 22 1703620 Stainless Hex Head Cap Screw - 1/2" x 1-1/4" 22 1703620 Stainless Flat Washer - 1/2" 23 1116555 Crank Support Bracket - 24" 1110747 Crank Support Bracket - 42" 24 1116557 Swivel Support Bracket - 42" 25 1116554 Crank Support Brase Plate		111616/	
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2         1700434         Lock Washer - 3/8"           1703576         Stainless Lock Washer - 3/8"           3         1100574         Cable w/#5 Interlock Snap           4         1700400         Self-Tapping Screw - 3/8" x 1"           5         1703579         Stainless Hat Washer - 3/8"           6         1700526         Wire Lock Pin - 3/8" x 2-1/2"           7         1114599         Offset Pinless Crank Retainer Base Plate           8         1703133         Clevis Pin - 5/16" x 1-3/4"           9         1704380         Bowtie Cotter Pin - 1-3/8"           10         1700427         Flat Washer - 1/4"           11         1114600         Offset Pinless Crank Retainer           12         1703134         Tension Spring           13         1101930         Offset J-Hook Crank Retainer           14         1107049         Pinless Crank Retainer           15         1100137         Crank Retainer Standoff - 2"           16         1107080         Crank Retainer Standoff - 3"           17         110531         Stainless Crank Retainer Standoff - 7"           18         1109478         Crank Retainer Standoff - 11"           19         1100047         Crank Retainer Standoff - 11"	1		
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4         1700400         Self-Tapping Screw - 3/8" x 1"           1703579         Stainless Hex Head Cap Screw - 3/8" x 1"           5         1703577         Stainless Flat Washer - 3/8"           6         1700526         Wire Lock Pin - 3/8" x 2-1/2"           7         1114599         Offset Pinless Crank Retainer Base Plate           8         1703133         Clevis Pin - 5/16" x 1-3/4"           9         1704380         Bowtie Cotter Pin - 1-3/8"           10         1700427         Flat Washer - 1/4"           11         1114600         Offset Pinless Crank Retainer Lock           12         1703134         Tension Spring           13         1101930         Offset J-Hook Crank Retainer           14         1107049         Pinless Crank Retainer           15         1100137         Crank Retainer Standoff - 2"           16         1107080         Crank Retainer Standoff - 2"           17         1100033         Crank Retainer Standoff - 7"           1115511         Stainless Crank Retainer Standoff - 7"           18         1109478         Crank Retainer Standoff - 11"           19         1100040         J-Hook Crank Retainer           20         1100306         Retainer Bushing - 11/16"			
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7         1114599         Offset Pinless Crank Retainer Base Plate           8         1703133         Clevis Pin - 5/16" x 1-3/4"           9         1704380         Bowtie Cotter Pin - 1-3/8"           10         1700427         Flat Washer - 1/4"           11         1114600         Offset Pinless Crank Retainer Lock           12         1703134         Tension Spring           13         1101930         Offset J-Hook Crank Retainer           14         1107049         Pinless Crank Retainer           14         1107049         Pinless Crank Retainer           15         1100137         Crank Retainer Standoff - 2"           16         1107080         Crank Retainer Standoff - 3"           17         1100033         Crank Retainer Standoff - 7"           18         1109478         Crank Retainer Standoff - 11"           115511         Stainless Crank Retainer Standoff - 11"           1109478         Crank Retainer Standoff - 11"           1100040         J-Hook Crank Retainer           20         1100306         Retainer Bushing - 11/16"           21         1702996         Flanged Cap Screw - 1/2" x 1-1/4"           22         1703620         Stainless Hex Head Cap Screw - 1/2" x 1-1/4"	5	1703577	Stainless Flat Washer - 3/8"
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12         1703134         Tension Spring           13         1101930         Offset J-Hook Crank Retainer           14         1107049         Pinless Crank Retainer           1115514         Stainless Pinless Crank Retainer           15         1100137         Crank Retainer Standoff - 2"           16         1107080         Crank Retainer Standoff - 3"           17         1100033         Crank Retainer Standoff - 7"           18         1109478         Crank Retainer Standoff - 11"           1115513         Stainless Crank Retainer Standoff - 11"           19         1100040         J-Hook Crank Retainer           20         1100306         Retainer Bushing - 11/16"           21         1702996         Flanged Cap Screw - 1/2" x 1-1/4"           22         1703619         Stainless Hex Head Cap Screw - 1/2" x 1-1/4"           22         1703620         Stainless Flat Washer - 1/2"           23         1116555         Crank Support Bracket - 24"           1117437         Crank Support Bracket - 42"           24         1116557         Swivel Support Bracket - 42"           25         1116554         Crank Support Base Plate	10	1700427	Flat Washer - 1/4"
13         1101930         Offset J-Hook Crank Retainer           14         1107049         Pinless Crank Retainer           115514         Stainless Pinless Crank Retainer           15         1100137         Crank Retainer Standoff - 2"           16         1107080         Crank Retainer Standoff - 3"           17         1100033         Crank Retainer Standoff - 7"           18         1109478         Crank Retainer Standoff - 11"           19         1109478         Crank Retainer Standoff - 11"           19         1100478         Crank Retainer Standoff - 11"           19         1100040         J-Hook Crank Retainer           20         1100306         Retainer Bushing - 11/16"           21         1702996         Flanged Cap Screw - 1/2" x 1-1/4"           22         1703619         Stainless Hex Head Cap Screw - 1/2" x 1-1/4"           22         1703620         Stainless Flat Washer - 1/2"           23         1116555         Crank Support Bracket - 24"           1117437         Crank Support Bracket - 42"           24         1116557         Swivel Support Bracket - 42"           25         1116554         Crank Support Bracket - 1/2"		1114600	
14         1107049         Pinless Crank Retainer           1115514         Stainless Pinless Crank Retainer           15         1100137         Crank Retainer Standoff - 2"           16         1107080         Crank Retainer Standoff - 3"           17         1100033         Crank Retainer Standoff - 7"           1115511         Stainless Crank Retainer Standoff - 7"           18         1109478         Crank Retainer Standoff - 11"           19         1100040         J-Hook Crank Retainer           20         1100306         Retainer Bushing - 11/16"           21         1702996         Flanged Cap Screw - 1/2" x 1-1/4"           22         1703619         Stainless Hex Head Cap Screw - 1/2" x 1-1/4"           22         1703620         Stainless Flat Washer - 1/2"           23         1116555         Crank Support Bracket - 24"           1120191         Crank Support Bracket - 33"           1117437         Crank Support Bracket - 42"           24         1116554         Swivel Support Bracket - 42"           25         1116554         Crank Support Bracket - 42"			Offset J-Hook Crank Retainer
15         1100137         Crank Retainer Standoff - 2"           16         1107080         Crank Retainer Standoff - 3"           17         1100033         Crank Retainer Standoff - 7"           1115511         Stainless Crank Retainer Standoff - 7"           18         1109478         Crank Retainer Standoff - 11"           19         110040         J-Hook Crank Retainer           20         1100306         Retainer Bushing - 11/16"           21         1702996         Flanged Cap Screw - 1/2" x 1-1/4"           1703619         Stainless Hex Head Cap Screw - 1/2" x 1-1/4"           22         1703620         Stainless Flat Washer - 1/2"           23         1116555         Crank Support Bracket - 24"           1120191         Crank Support Bracket - 33"           1117437         Crank Support Bracket - 42"           24         1116554         Swivel Support Bracket - 24"           25         1116554         Crank Support Brase Plate		1107049	Pinless Crank Retainer
16         1107080         Crank Retainer Standoff - 3"           17         1100033         Crank Retainer Standoff - 7"           1115511         Stainless Crank Retainer Standoff - 11"           18         1109478         Crank Retainer Standoff - 11"           1115513         Stainless Crank Retainer Standoff - 11"           19         1100040         J-Hook Crank Retainer           20         1100306         Retainer Bushing - 11/16"           21         1702996         Flanged Cap Screw - 1/2" x 1-1/4"           22         1703619         Stainless Hex Head Cap Screw - 1/2" x 1-1/4"           22         1703620         Stainless Flat Washer - 1/2"           23         1116555         Crank Support Bracket - 24"           1120191         Crank Support Bracket - 33"           1117437         Crank Support Bracket - 42"           24         1116554         Swivel Support Bracket - 42"           25         1116554         Crank Support Base Plate	45	1115514	Stainless Pinless Crank Retainer
17         1100033         Crank Retainer Standoff - 7"           1115511         Stainless Crank Retainer Standoff - 7"           18         1109478         Crank Retainer Standoff - 11"           1115513         Stainless Crank Retainer Standoff - 11"           19         1100040         J-Hook Crank Retainer           20         1100306         Retainer Bushing - 11/16"           21         170296         Flanged Cap Screw - 1/2" x 1-1/4"           1703619         Stainless Hex Head Cap Screw - 1/2" x 1-1/4"           22         1703620         Stainless Flat Washer - 1/2"           23         1116555         Crank Support Bracket - 24"           1120191         Crank Support Bracket - 33"           1117437         Crank Support Bracket - 42"           24         1116554         Swivel Support Bracket - 42"           25         1116554         Crank Support Base Plate		1107080	
18         1109478         Crank Retainer Standoff - 11"           1115513         Stainless Crank Retainer Standoff - 11"           19         1100040         J-Hook Crank Retainer           20         1100306         Retainer Bushing - 11/16"           21         1702996         Flanged Cap Screw - 1/2" x 1-1/4"           1703619         Stainless Hex Head Cap Screw - 1/2" x 1-1/4"           22         1703620         Stainless Flat Washer - 1/2"           23         1116555         Crank Support Bracket - 24"           1120191         Crank Support Bracket - 33"           1117437         Crank Support Bracket - 42"           24         1116557         Swivel Support Bracket - 25           25         1116554         Crank Support Base Plate		1100033	Crank Retainer Standoff - 7"
1115513         Stainless Crank Retainer Standoff -11"           19         1100040         J-Hook Crank Retainer           20         1100306         Retainer Bushing - 11/16"           21         1702996         Flanged Cap Screw - 1/2" x 1-1/4"           1703619         Stainless Hex Head Cap Screw - 1/2" x 1-1/4"           22         1703620         Stainless Flat Washer - 1/2"           23         1116555         Crank Support Bracket - 24"           1120191         Crank Support Bracket - 33"           1117437         Crank Support Bracket - 42"           24         1116557         Swivel Support Bracket           25         1116554         Crank Support Base Plate	40	1115511	Stainless Crank Retainer Standoff - 7"
19     1100040     J-Hook Crank Retainer       20     1100306     Retainer Bushing - 11/16"       21     1702996     Flanged Cap Screw - 1/2" x 1-1/4"       1703619     Stainless Hex Head Cap Screw - 1/2" x 1-1/4"       22     1703620     Stainless Flat Washer - 1/2"       23     1116555     Crank Support Bracket - 24"       1120191     Crank Support Bracket - 33"       1117437     Crank Support Bracket - 42"       24     1116557     Swivel Support Brace       25     1116554     Crank Support Base Plate	18	11094/8	Crank Retainer Standoff - 11" Stainless Crank Retainer Standoff - 11"
20         1100306         Retainer Bushing - 11/16"           21         1702996         Flanged Cap Screw - 1/2" x 1-1/4"           1703619         Stainless Hex Head Cap Screw - 1/2" x 1-1/4"           22         1703620         Stainless Flat Washer - 1/2"           23         1116555         Crank Support Bracket - 24"           1120191         Crank Support Bracket - 33"           1117437         Crank Support Bracket - 42"           24         1116557         Swivel Support Bracket - 42"           25         1116554         Crank Support Base Plate		1100040	J-Hook Crank Retainer
1703619 Stainless Hex Head Cap Screw - 1/2" x 1-1/4"  22 1703620 Stainless Flat Washer - 1/2"  23 1116555 Crank Support Bracket - 24"  1120191 Crank Support Bracket - 33"  1117437 Crank Support Bracket - 42"  24 1116557 Swivel Support Brace  25 1116554 Crank Support Base Plate		1100306	Retainer Bushing - 11/16"
22     1703620     Stainless Flat Washer - 1/2"       23     1116555     Crank Support Bracket - 24"       1120191     Crank Support Bracket - 33"       1117437     Crank Support Bracket - 42"       24     1116557     Swivel Support Brace       25     1116554     Crank Support Base Plate	21		Flanged Cap Screw - 1/2" x 1-1/4"  Stainless Hoy Hoad Cap Screw - 1/2" x 1-1/4"
23       1116555       Crank Support Bracket - 24"         1120191       Crank Support Bracket - 33"         1117437       Crank Support Bracket - 42"         24       1116557       Swivel Support Brace         25       1116554       Crank Support Base Plate	22		
1117437       Crank Support Bracket - 42"         24       1116557       Swivel Support Brace         25       1116554       Crank Support Base Plate		1116555	Crank Support Bracket - 24"
24         1116557         Swivel Support Brace           25         1116554         Crank Support Base Plate			
25 1116554 Crank Support Base Plate	24	111/43/	
<b>26</b> 1116556 Base Plate Swivel		1116554	Crank Support Base Plate
			Base Plate Swivel

 $<sup>\</sup>ensuremath{^*}\text{For}$  use on some grain carts – universal crank retainer support kit does NOT include crank retainer assembly.



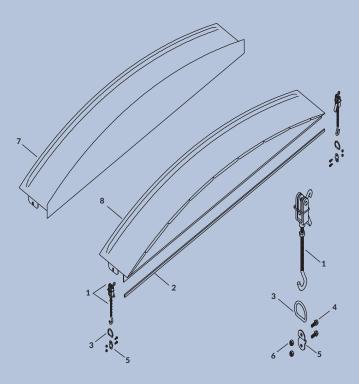


#### END CAPS - ALUMINUM

END	CAPS -	ALUMINUM
ITEM	PART#	DESCRIPTION
		MOUNTING HARDWARE
	1107785	Cap Mounting Hardware w/Trim Seal - 110"
		[Includes 1; 7 of 2, 3 & 4]
	1107786	Cap Mounting Hardware w/Trim Seal - 132"
		[Includes 1; 7 of 2, 3 & 4]
	1125572	Cap Mounting Hardware w/Adhesive Seal - 138"
		[Includes 1; 7 of 2, 3 & 4]
	1107787	Galvanized Cap Mounting Fasteners
		[Includes 7 of 2, 3 & 4]
1	1100165	Trim Seal - 110"
	1100357	Trim Seal - 132"
	1117512	Adhesive Rubber Seal - 138"
	1700152	Trim Seal (per foot)
	1704678	Adhesive Rubber Seal (per foot)
2	1700400	Self-Tapping Screw - 3/8" x 1"
3	1700434	Lock Washer - 3/8"
4	1700407	Hex Nut - 3/8"
5	1701238	Rubber Windshield (per foot)
6	110720/	ALUMINUM FRONT CAPS Square Front - 6" Rise* x 11-1/4" Deep x 94"
<b>⊢°</b>	1107396 1107395	Square Front - 6" Rise* x 11-1/4" Deep x 94"  Square Front - 6" Rise* x 11-1/4" Deep x 95"
	1107393	Square Front - 6" Rise* x 11-1/4" Deep x 95"
	1107480	Square Front - 6" Rise* x 11-1/4" Deep x 102"
	1107480	Square Front - 10" Rise* x 11-1/4" Deep x 96"
	1107473	Square Front - 10" Rise* x 11-1/4" Deep x 102"
7	110/514	Radius Front** - 6" to 10" Rise* - Up to 102"
		Diagonal Front** - 6" to 10" Rise* - Up to 102"
8		Universal Front** - 6" to 10" Rise* - Up to 102"
9	1107422	Square Front - Flat x 10" Deep x 96"
	1107510	Square Front - Flat x 10" Deep x 101-1/2"
		ALUMINUM BACK CAPS
10	1107417	Square Back - 6" Rise* x 11-1/4" Deep x 94"
	1107420	Square Back - 6" Rise* x 11-1/4" Deep x 95"
	1107426	Square Back - 6" Rise* x 11-1/4" Deep x 96"
	1107483	Square Back - 6" Rise* x 11-1/4" Deep x 102"
	1107501	Square Back - 10" Rise* x 11-1/4" Deep x 96"
	1107517	Square Back - 10" Rise* x 11-1/4" Deep x 102"
11	1107421	Square Back - Flat x 10" Deep x 96"
	1107512	Square Back - Flat x 10" Deep x 102"

<sup>\*</sup>Cap rise is typically 2" less than rise of bow. Other rises available.

<sup>\*\*</sup>Mounting hardware NOT included.



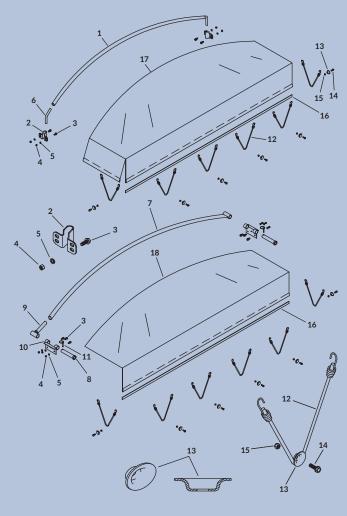
## **END CAPS** – ALUMINUM EASY-OFF

ITEM	PART#	DESCRIPTION
		MOUNTING HARDWARE
	1101934	Easy-Off Cap Mounting Hardware w/Rubber Seal [Includes 2; 2 of 1, 3 & 5; 4 of 4 & 6]
1	1701113	Over-Center Clamp/Safety Clip
2	1101865	Rubber Seal - 100"
	1701115	Rubber Seal (per foot)
3	1701218	D-Ring - 1-1/2"
	1701059	Self-Tapping Screw - 5/16" x 1"
5	1701114	D-Ring Plate
6	1700419	Nylon Lock Hex Nut - 5/16"
		ALUMINUM EASY-OFF FRONT CAPS
7	1111556	Easy-Off Front - 6" Rise* x 11-1/4" Deep x 91"
	1107534	Easy-Off Front - 6" Rise* x 11-1/4" Deep x 93-1/2"
	1121915	Easy-Off Front - 6" Rise* x 11-1/4" Deep x 95"
	1107537	Easy-Off Front - 6" Rise* x 11-1/4" Deep x 99-1/2"
	1107540	Easy-Off Front - 10" Rise* x 11-1/4" Deep x 93-1/2"
	1107543	Easy-Off Front - 10" Rise* x 11-1/4" Deep x 99-1/2"
		ALUMINUM EASY-OFF BACK CAPS
8	1111555	Easy-Off Back - 6" Rise* x 11-1/4" Deep x 91"
	1107554	Easy-Off Back - 6" Rise* x 11-1/4" Deep x 93-1/2"
	1110331	Easy-Off Back - 6" Rise* x 11-1/4" Deep x 95"
	1107557	Easy-Off Back - 6" Rise* x 11-1/4" Deep x 99-1/2"
	1110334	Easy-Off Back - 6" Rise* x 11-1/4" Deep x 101"
	1107560	Easy-Off Back - 10" Rise* x 11-1/4" Deep x 93-1/2"
	1107563	Easy-Off Back - 10" Rise* x 11-1/4" Deep x 99-1/2"

 $<sup>^*\</sup>mbox{\it Cap}$  rise is typically 2" less than rise of bow. Other rises available.

#### FND CAPS - FABRIC BACK

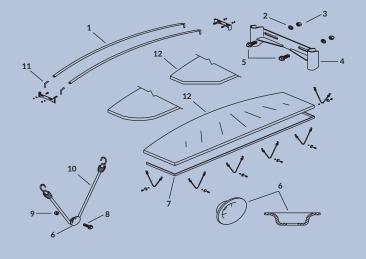
END	CAPS -	FABRIC BACK
ITEM	PART#	DESCRIPTION
		HARDWARE for STANDARD/FLEX/TP™ BOWS
		(Does NOT Include Fabric Insert)
	1100640	Single Back Standard Fabric Cap - 8" Rise -
		Bow Kit Hardware [Includes 1; 6; 2 of 2;
		4 of <b>3</b> , <b>4</b> & <b>5</b> ; 6 of <b>12</b> , <b>13</b> , <b>14</b> & <b>15</b> ]
	1100639	Single Back Standard Fabric Cap Bow Kit -
		12" Rise - Bow Kit Hardware [Includes 1; 6;
		2 of <b>2</b> ; 4 of <b>3</b> , <b>4</b> & <b>5</b> ; 6 of <b>12</b> , <b>13</b> , <b>14</b> & <b>15</b> ]
		HARDWARE for HEAVY-DUTY BOWS
	1102903	Single Back Heavy-Duty Fabric Cap/Flap -
		8" Rise - Bow Kit Hardware [Includes <b>7</b> ; <b>9</b> ;
		2 of <b>8</b> , <b>10</b> , <b>11</b> & <b>16</b> ; 6 of <b>3</b> , <b>4</b> , <b>5</b> , <b>12</b> , <b>13</b> , <b>14</b> & <b>15</b> ]
	1102829	Single Back Heavy-Duty Fabric Cap/Flap -
		12" Rise - Bow Kit Hardware [Includes <b>7</b> ; <b>9</b> ;
		2 of <b>8</b> , <b>10</b> , <b>11</b> & <b>16</b> ; 6 of <b>3</b> , <b>4</b> , <b>5</b> , <b>12</b> , <b>13</b> , <b>14</b> & <b>15</b> ]
	1105303	Fabric Cap Hardware
		[Includes 4 of <b>3</b> , <b>4</b> & <b>5</b> ; 6 of <b>13</b> , <b>14</b> & <b>15</b> ]
1	1100760	Galvanized Bow - 8" Rise* - 93" to 102"
	1100762	Galvanized Bow - 12" Rise* - 96" to 102"
2	1120836	Single Bow Bracket
3	1700400	Self-Tapping Screw - 3/8" x 1"
4	1700407	Hex Nut - 3/8"
5	1700434	Lock Washer - 3/8"
6	1100695	Galvanized Bow Shank - 8" Rise*
-	1106925	Galvanized Bow Shank - 12" Rise*
7	1106612	Heavy-Duty Bow - 8" Rise*
0	1101927	Heavy-Duty Bow - 12" Rise*
8 9	1104123	Heavy-Duty Bow Pin
	1104706 1106614	Heavy-Duty Bow Shank
10 11	1701098	Heavy-Duty Bow Bracket Lynch Pin - 5/16" x 1-3/4"
12	1701098	Eyrici Piii - 3/18 x 1-3/4  Bungee Cord - 18"
13	1701355	Rope Anchor
14	1701355	Self-Tapping Screw - 5/16" x 1"
15	1701039	Nylon Lock Hex Nut - 5/16"
16	1700419	Aluminum Flat Bar - 103"
10	1/00361	FABRIC INSERT ONLY
17		Square Back - 96"
1/		Square Back - 70
		FABRIC FLAP INSERT ONLY
18		Dump Flap - 96"
		Dump Flap - 102"
		- cp . top 104

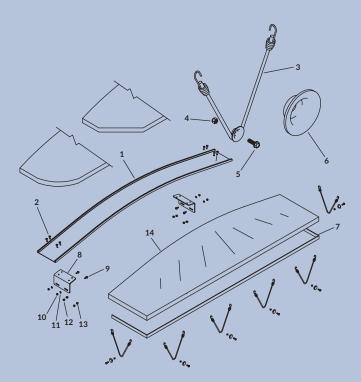


## **END CAPS - FABRIC FRONT**

ITEN4	DADT#	DESCRIPTION
ITEM	PART #	DESCRIPTION
		FABRIC FRONT HARDWARE
		(Does NOT Include Fabric Insert)
	1100642	Double Front Fabric Cap - 8" Rise - Bow Kit
		Hardware [Includes 2 of <b>1</b> , <b>4</b> , <b>7</b> & <b>11</b> ;
		4 of <b>2</b> , <b>3</b> & <b>5</b> ; 6 of <b>6</b> , <b>8</b> , <b>9</b> & <b>10</b> ]
	1100641	Double Front Fabric Cap - 12" Rise - Bow Kit
		Hardware [Includes 2 of <b>1</b> , <b>4</b> , <b>7</b> & <b>11</b> ;
		4 of <b>2</b> , <b>3</b> & <b>5</b> ; 6 of <b>6</b> , <b>8</b> , <b>9</b> & <b>10</b> ]
	1105303	Fabric Cap Hardware [Includes 4 of <b>2</b> , <b>3</b> & <b>5</b> ;
		6 of <b>13</b> , <b>14</b> & <b>15</b> ]
1	1100760	Galvanized Bow - 8" Rise* - 93" to 102"
	1100762	Galvanized Bow - 12" Rise* - 96" to 102"
3	1700434	Lock Washer - 3/8"
3	1700407	Hex Nut - 3/8"
4	1108211	Double Bow Bracket
5	1700400	Self-Tapping Screw - 3/8" x 1"
6	1701355	Rope Anchor
7	1700581	Aluminum Flat Bar - 103"
8	1701059	Self-Tapping Screw - 5/16" x 1"
9	1700419	Nylon Lock Hex Nut - 5/16"
10	1700990	Bungee Cord - 18"
11	1100695	Galvanized Bow Shank - 8" Rise*
	1106925	Galvanized Bow Shank - 12" Rise*
		FABRIC INSERT ONLY
12		Square Front - 96"
		Square Front - 102"
		Radius/Diagonal Front - 96"
		Radius/Diagonal Front - 102"

NOTE: Grain carts use single back fabric cap on front and back (see pg. 51).





## END CAPS - FABRIC FRONT/BACK COMBO

END		FABRIC FRONT/BACK COMBO
ITEM	PART#	DESCRIPTION
		HARDWARE for FRONT/BACK COMBO BOWS
		(Does NOT Include Fabric Insert)
	1122902	Combo Bow w/Mounting Brackets - 8" Rise* -
	1100005	96" [Includes 1; 2 of 8]
	1122905	Combo Bow w/Mounting Brackets - 8" Rise* -
	1122904	102" [Includes 1; 2 of 8]  Combo Bow w/Mounting Brackets - 10" Rise* -
	1122704	96" [Includes <b>1</b> ; 2 of <b>8</b> ]
	1122907	Combo Bow w/Mounting Brackets - 10" Rise* -
		102" [Includes <b>1</b> ; 2 of <b>8</b> ]
	1122903	Combo Bow w/Mounting Brackets - 12" Rise* -
	110000/	96" [Includes <b>1</b> ; 2 of <b>8</b> ]
	1122906	Combo Bow w/Mounting Brackets - 12" Rise* - 102" [Includes 1; 2 of 8]
	1122908	Combo Bow Kit w/Flatbar - 8" Rise - 96"
	1122700	[Includes 1; 2 of 7 & 8; 4 of 9, 10 & 11; 6 of
		3, 4, 5 & 6; 8 of 2 & 12]
	1122911	Combo Bow Kit w/Flatbar - 8" Rise - 102"
		[Includes <b>1</b> ; 2 of <b>7</b> & <b>8</b> ; 4 of <b>9</b> , <b>10</b> & <b>11</b> ; 6 of
	1100010	3, 4, 5 & 6; 8 of 2 & 12]
	1122910	Combo Bow Kit w/Flatbar - 10" Rise - 96"
		[Includes 1; 2 of 7 & 8; 4 of 9, 10 & 11; 6 of 3, 4, 5 & 6; 8 of 2 & 12]
	1122913	Combo Bow Kit w/Flatbar - 10" Rise - 102"
	1122/10	[Includes 1; 2 of <b>7</b> & <b>8</b> ; 4 of <b>9</b> , <b>10</b> & <b>11</b> ; 6 of
		3, 4, 5 & 6; 8 of 2 & 12]
	1122909	Combo Bow Kit w/Flatbar - 12" Rise - 96"
		[Includes 1; 2 of 7 & 8; 4 of 9, 10 & 11; 6 of
	1100010	3, 4, 5 & 6; 8 of 2 & 12]
	1122912	Combo Bow Kit w/Flatbar - 12" Rise - 102" [Includes 1; 2 of 7 & 8; 4 of 9, 10 & 11; 6 of
		3, 4, 5 & 6; 8 of 2 & 12]
	1122914	Combo Bow Kit w/Tarp Straps - 8" Rise - 96"
		[Includes 1; 2 of 8; 4 of 9, 10 & 11; 8 of 2, 3 & 12]
	1122917	Combo Bow Kit w/Tarp Straps - 8" Rise - 102"
		[Includes 1; 2 of 8; 4 of 9, 10 & 11; 8 of 2, 3 & 12]
	1122916	Combo Bow Kit w/Tarp Straps - 10" Rise - 96"
	1122919	[Includes 1; 2 of 8; 4 of 9, 10 & 11; 8 of 2, 3 & 12] Combo Bow Kit w/Tarp Straps - 10" Rise - 102"
	1122717	[Includes 1; 2 of 8; 4 of 9, 10 & 11; 8 of 2, 3 & 12]
	1122915	Combo Bow Kit w/Tarp Straps - 12" Rise - 96"
		[Includes 1: 2 of 8: 4 of 9. 10 & 11: 8 of 2. 3 & 12]
	1122918	Combo Bow Kit w/Tarp Straps - 12" Rise - 102"
	1105000	[Includes 1; 2 of 8; 4 of 9, 10 & 11; 8 of 2, 3 & 12]
	1105303	Fabric Cap Hardware [Includes 4 of <b>9</b> , <b>10</b> & <b>11</b> ; 6 of <b>4</b> , <b>5</b> & <b>6</b> ]
	1122936	Combo Cap Hardware [Includes 8 of 2 & 12]
1	1122863	Combo Bow - 8" Rise - 96"
	1122860	Combo Bow - 8" Rise - 102"
	1122864	Combo Bow - 10" Rise - 96"
	1122861	Combo Bow - 10" Rise - 102"
	1122865	Combo Bow - 12" Rise - 96"  Combo Bow - 12" Rise - 102"
2	1122862 1704706	Button Head Cap Screw - 3/8" x 1-1/4"
3	1700990	Bungee Cord - 18"
	1700650	Rubber Strap w/Hooks - 21"
4	1700419	Nylon Lock Hex Nut - 5/16"
5	1701059	Self-Tapping Screw - 5/16" x 1"
6	1701355	Rope Anchor
7 8	1700581	Aluminum Flat Bar - 103"
•	1122897 1122898	Combo Bow Bracket - 8" Rise* Combo Bow Bracket - 10" Rise*
	1122899	Combo Bow Bracket - 10 Rise*
9	1700400	Self-Tapping Screw - 3/8" x 1"
10	1700407	Hex Nut - 3/8"
11	1700434	Lock Washer - 3/8"
12	1704371	Serrated Hex Flange Nut - 3/8"
13	1701283	Top Lock Flange Nut -3/8" FABRIC INSERT ONLY
14		Combo Fabric Cap - 96"
		Combo Fabric Cap - 70

## **END CAPS** – FABRIC X-WIDE

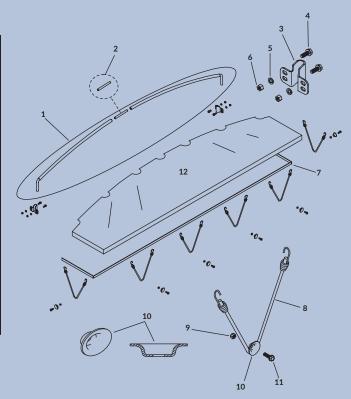
ITEM	PART#	DESCRIPTION
		X-WIDE FABRIC CAP HARDWARE
		(Does NOT Include Fabric Insert)
	1106947	X-Wide Fabric Cap - 8" Rise - Bow Kit Hardware
		[Includes 1; 2 of 3 & 8; 4 of 5, 6 & 7; 7 of 9, 10 & 11]
	1106946	X-Wide Fabric Cap - 12" Rise - Bow Kit Hardware
		[Includes 1; 2 of 3 & 8; 4 of 5, 6 & 7; 7 of 9, 10 & 11]
1	1116118	Galvanized X-Wide Bow** - 8" Rise - 103" to 168"
	1116119	Galvanized X-Wide Bow** - 12" Rise - 103" to 168"
3	1100685	X-Wide Bow Connector Tube
	1120836	Single Bow Bracket
4	1700400	Self-Tapping Screw - 3/8" x 1"
5	1700434	Lock Washer - 3/8"
6	1700407	Hex Nut - 3/8"
7	1700581	Aluminum Flat Bar - 103"
8	1700990	Bungee Cord - 18"
9	1700419	Nylon Lock Hex Nut - 5/16"
10	1701355	Rope Anchor
11	1701059	Self-Tapping Screw - 5/16" x 1"
		X-WIDE FABRIC INSERT ONLY
12		Square Fabric Cap Insert - 103" to 108"
		Square Fabric Cap Insert - 109" to 120"
		Square Fabric Cap Insert - 121" to 132"
		Square Fabric Cap Insert - 133" to 144"
		Square Fabric Cap Insert - 145" to 156"
		Square Fabric Cap Insert - 157" to 168"

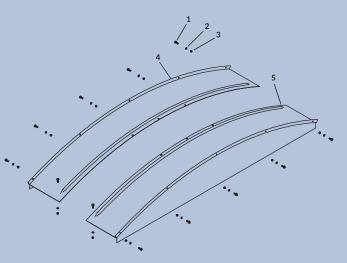
<sup>\*</sup>Includes bow halves and connector tube.

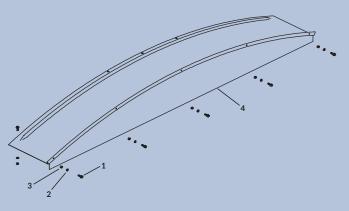
### **END CAPS - GALVANIZED STEEL FACE MOUNT**

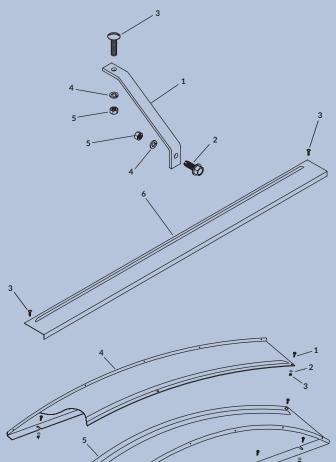
ITEM	PART#	DESCRIPTION
		MOUNTING HARDWARE
	1107787	Galvanized Cap Mounting Fasteners
		[Includes 7 of <b>1</b> , <b>2</b> & <b>3</b> ]
1	1700400	Self-Tapping Screw - 3/8" x 1"
2	1700434	Lock Washer - 3/8"
3	1700407	Hex Nut - 3/8"
		GALVANIZED CAPS - FACE MOUNT
4	1122295	Face Mount Cap - 6" Rise* x 10" Deep x 89"
	1122283	Face Mount Cap - 6" Rise* x 10" Deep x 93"
	1122281	Face Mount Cap - 6" Rise* x 10" Deep x 95"
	1122289	Face Mount Cap - 6" Rise* x 10" Deep x 100"
5	1122297	Face Mount Cap - 10" Rise* x 10" Deep x 89"
	1122293	Face Mount Cap - 10" Rise* x 10" Deep x 93"
	1122285	Face Mount Cap - 10" Rise* x 10" Deep x 95"

<sup>\*</sup>Cap rise is typically 2" less than rise of bow. Other rises available.









#### **END CAPS - GALVANIZED FACE MOUNT X-WIDE**

ITEM	PART#	DESCRIPTION
		MOUNTING HARDWARE
	1107787	Galvanized Cap Mounting Fasteners [Includes 7 of <b>1</b> . <b>2</b> & <b>3</b> ]
1	1700400	Self-Tapping Screw - 3/8" x 1"
2	1700434	Lock Washer - 3/8"
3	1700407	Hex Nut - 3/8"
		X-WIDE GALVANIZED CAPS - FACE MOUNT
4	1122287	Face Mount Cap - 10" Rise* x 10" Deep x 107"
	1120686	Face Mount Cap - 10" Rise* x 10" Deep x 114"
	1122299	Face Mount Cap - 10" Rise* x 10" Deep x 119"
	1122301	Face Mount Cap- 10" Rise* x 10" Deep x 137"
	1116602	Face Mount Cap - 10" Rise* x 10" Deep x 142"
	1122291	Face Mount Cap - 10" Rise* x 10" Deep x 143"

 $<sup>^*\</sup>mbox{\it Cap}$  rise is typically 2" less than rise of bow. Other rises available.

#### **END CAPS - GALVANIZED STEEL FLAT**

ITEM	PART#	DESCRIPTION
		MOUNTING HARDWARE
	1107787	Galvanized Cap Mounting Fasteners [Includes 7 of <b>1</b> , <b>2</b> & <b>3</b> ]
	1116525	Cap Support Hardware [Includes 4 of 2 & 3; 8 of 4 & 5]
1	1122773	Cap Support Brace*
2	1700400	Self-Tapping Screw - 3/8" x 1"
3	1703964	Truss Head Machine Screw - 3/8" x 1-1/4"
4	1700434	Lock Washer - 3/8"
5	1700407	Hex Nut - 3/8"
		GALVANIZED FLAT CAPS
6	1120621	Square Cap - Flat x 10" Deep x 119"
	1120620	Square Cap - Flat x 10" Deep x 125"
	1120619	Square Cap - Flat x 10" Deep x 131"
	1120618	Square Cap - Flat x 10" Deep x 137"
	1120574	Square Cap - Flat x 10" Deep x 142-1/2"
	1120575	Square Cap - Flat x 10" Deep x 157-1/2"

<sup>\*</sup>Cart MUST have vertical sides walls for cap brace to work correctly.

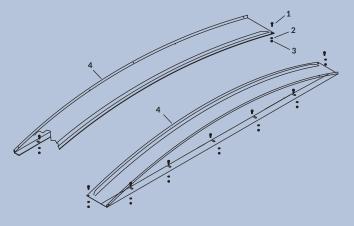
### **END CAPS - GALVANIZED STEEL TOP MOUNT**

ITEM	PART#	DESCRIPTION
		MOUNTING HARDWARE
	1107787	Galvanized Cap Mounting Fasteners [Includes 7 of <b>1</b> , <b>2</b> & <b>3</b> ]
1	1700400	Self-Tapping Screw - 3/8" x 1"
2	1700434	Lock Washer - 3/8"
3	1700407	Hex Nut - 3/8"
		GALVANIZED CAPS - TOP MOUNT
4	1108977	Top Mount Cap - 6" Rise* x 10" Deep x 93"
	1108980	Top Mount Cap - 6" Rise* x 10" Deep x 95"
	1108983	Top Mount Cap - 6" Rise* x 10" Deep x 100"
5	1108986	Top Mount Cap - 10" Rise* x 10" Deep x 93"
	1108989	Top Mount Cap - 10" Rise* x 10" Deep x 95"
	1108992	Top Mount Cap - 10" Rise* x 10" Deep x 100"

<sup>\*</sup>Cap rise is typically 2" less than rise of bow. Other rises available.

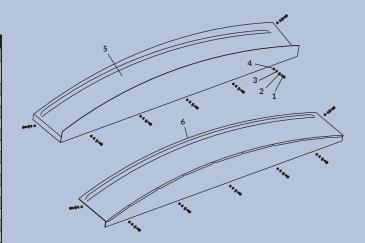
#### **END CAPS - GALVANIZED TOP MOUNT X-WIDE**

ITEM	PART#	DESCRIPTION
		MOUNTING HARDWARE
	1107787	Galvanized Cap Mounting Fasteners
		[Includes 7 of <b>1</b> , <b>2</b> & <b>3</b> ]
1	1700400	Self-Tapping Screw - 3/8" x 1"
2	1700434	Lock Washer - 3/8"
3	1700407	Hex Nut - 3/8"
		X-WIDE GALVANIZED CAPS - TOP MOUNT
4	1110066	Top Mount Cap - 10" Rise* x 10" Deep x 107"
	1115936	Top Mount Cap - 10" Rise* x 10" Deep x 113"
	1110067	Top Mount Cap - 10" Rise* x 10" Deep x 119"
	1112042	Top Mount Cap - 10" Rise* x 10" Deep x 125"
	1110068	Top Mount Cap - 10" Rise* x 10" Deep x 131"
	1112045	Top Mount Cap - 10" Rise* x 10" Deep x 137"
	1112048	Top Mount Cap - 10" Rise* x 10" Deep x 142"
	1110069	Top Mount Cap - 10" Rise* x 10" Deep x 143"



#### **END CAPS - STAINLESS STEEL**

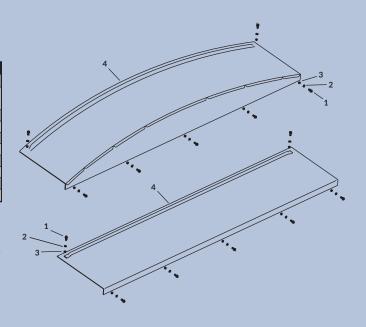
LIND	CAIS	STAINLESS STEEL
ITEM	PART#	DESCRIPTION
		MOUNTING HARDWARE
	1116274	Stainless Cap Mounting Fasteners
		[Includes 7 of 1, 2, 3 & 4]
1	1703579	Stainless Steel Cap Screw - 3/8" x 1"
2	1703577	Stainless Steel Flat Washer - 3/8
3	1703576	Stainless Steel Lock Washer - 3/8"
4	1200999	Stainless Steel Nut - 3/8"
		STAINLESS STEEL FRONT CAPS
5	1116402	Square Front - 6" Rise* x 11-1/4" Deep x 90"
	1116403	Square Front - 6" Rise* x 11-1/4" Deep x 92"
	1116404	Square Front - 6" Rise* x 11-1/4" Deep x 94"
	1114897	Square Front - 6" Rise* x 11-1/4" Deep x 96"
	1116307	Square Front - 6" Rise* x 11-1/4" Deep x 102"
	1116398	Square Front - 10" Rise* x 11-1/4" Deep x 90"
	1116399	Square Front - 10" Rise* x 11-1/4" Deep x 92"
	1116400	Square Front - 10" Rise* x 11-1/4" Deep x 94"
	1116330	Square Front - 10" Rise* x 11-1/4" Deep x 96"
	1116401	Square Front - 10" Rise* x 11-1/4" Deep x 102"
		STAINLESS STEEL BACK CAPS
6	1116395	Square Back - 6" Rise* x 11-1/4" Deep x 90"
	1116396	Square Back - 6" Rise* x 11-1/4" Deep x 92"
	1116397	Square Back - 6" Rise* x 11-1/4" Deep x 94"
	1114900	Square Back - 6" Rise* x 11-1/4" Deep x 96"
	1116306	Square Back - 6" Rise* x 11-1/4" Deep x 102"
	1116384	Square Back - 10" Rise* x 11-1/4" Deep x 90"
	1116385	Square Back - 10" Rise* x 11-1/4" Deep x 92"
	1116386	Square Back - 10" Rise* x 11-1/4" Deep x 94"
	1116329	Square Back - 10" Rise* x 11-1/4" Deep x 96"
	1116394	Square Back - 10" Rise* x 11-1/4" Deep x 102"



### END CAPS - ALUMINUM WIL-SLIP™

ITEM	PART#	DESCRIPTION
		MOUNTING HARDWARE
	1107787	Galvanized Cap Mounting Fasteners [Includes 7 of <b>1</b> , <b>2</b> & <b>3</b> ]
1	1700400	Self-Tapping Screw - 3/8" x 1"
2	1700434	Lock Washer - 3/8"
3	1700407	Hex Nut - 3/8"
		WIL-SLIP™ ALUMINUM CAPS
4	1116177	Square Back Cap* ** - 6" Rise* x 26" Deep x 96"
	1116181	Square Back Cap* ** - 6" Rise* x 26" Deep x 102"
	1116179	Square Back Cap* - Flat x 26" Deep x 95-3/4"
	1116183	Square Back Cap* - lat x 26" Deep x 101-3/4"

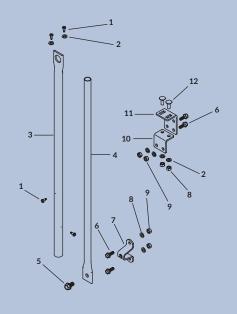
<sup>\*</sup>For use with cast housing Wil-Slip<sup>™</sup> joint (P/N 1703588); see page 60.

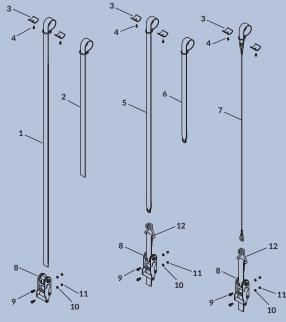


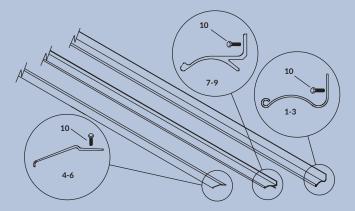
<sup>\*</sup>Cap rise is typically 2" less than rise of bow. Other rises available.

<sup>\*</sup>Cap rise is typically 2" less than rise of bow. Other rises available.

<sup>\*\*</sup>Cap rise is typically 2" less than rise of bow. Other rises available.







## **HIGH-LIFT END GATES**

ITEM	PART#	DESCRIPTION
	1121904	Stabilizer Arm Kit*
		[Includes 1; 2; 3; 6; 2 of 4, 7, 8 & 9; 4 of 5]
	1121506	Adjustable Offset Bracket Kit**
		[Includes <b>10</b> ; <b>11</b> ; 2 of <b>7</b> & <b>12</b> ; 4 of <b>8</b> & <b>9</b> ]
1	1700398	Self-Drilling Screw - 1/4" x 3/4"
2	1118037	Plastic Washer - Black
3	1121901	Upper Stabilizer Arm
4	1121902	Lower Stabilizer Arm
5	1702996	Flanged Cap Screw - 1/2" x 1-1/4"
6	1700400	Self-Tapping Screw - 3/8" x 1"
7	1107080	Crank Retainer Standoff - 3"
8	1700434	Lock Washer - 3/8"
9	1700407	Hex Nut - 3/8"
10	1121508	Adjustable Offset Bracket - Fixed
11	1121507	Adjustable Offset Bracket - Slider
12	1702522	Carriage Bolt - 3/8" x 1" - GR2

<sup>\*</sup>For use with high-lift end gates.

## **HOLD-DOWNS**

ITEM	PART#	DESCRIPTION
	1106770	Cable Hold-Down Kit - 7'
		[Includes 7; 8; 12; 2 of 9, 10 & 11]
	1106771	Strap Hold-Down Kit - 5'
		[Includes <b>2</b> ; <b>8</b> ; 2 of <b>9</b> , <b>10</b> & <b>11</b> ]
	1106772	Strap Hold-Down Kit - 9'
		[Includes 1; 8; 2 of 9, 10 & 11]
	1107224	Strap Hold-Down Kit w/Hook - 5'
		[Includes 6; 8; 12; 2 of 9, 10 & 11]
	1107225	Strap Hold-Down Kit w/Hook - 7'
		[Includes 5; 8; 12; 2 of 9, 10 & 11]
1	1106774	Strap Assembly - 9'
	1110337	Strap Assembly - 10'
2	1100470	Strap Assembly - 5'
3	1701354	Plastic U-Clamp
4	1700398	Self-Drilling Screw - 1/4" x 3/4"
5	1107223	Wire Hook Strap Assembly - 7'
6	1107222	Wire Hook Strap Assembly - 5'
7	1106763	Cable Assembly - 7'
8	1100457	Ratchet - 2"
9	1700400	Self-Tapping Screw - 3/8" x 1"
10	1700434	Lock Washer - 3/8"
11	1700407	Hex Nut - 3/8"
12	1106754	Web Assembly w/Hook

# **LATCHPLATES**

ITEM	PART#	DESCRIPTION
1	1701546	Galvanized Side Mount Latchplate - 4'
2	1113005	Galvanized Side Mount Latchplate - 6'
3	1701547	Galvanized Side Mount Latchplate - 8'
4	1100370	Aluminum Top Mount Latchplate - 4'
5	1100369	Aluminum Top Mount Latchplate - 6'
6	1100368	Aluminum Top Mount Latchplate - 8'
7	1100749	Aluminum Side Mount Latchplate - 4'
8	1700802	Aluminum Side Mount Latchplate - 6'
9	1700522	Aluminum Side Mount Latchplate - 8'
10	1700400S	elf-Tapping Screw - 3/8" x 1"

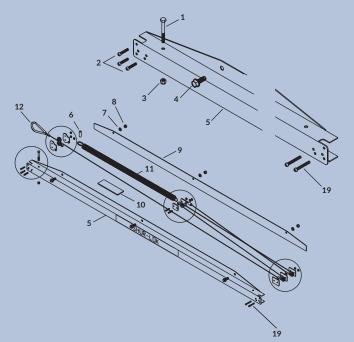
 $<sup>\</sup>ensuremath{^{**}}\mbox{Use}$  with latchplate and easy-off tarp stops. Bracket adjusts from 2" to 3" wide.

#### **RETURNS - FRONT/REAR CABLE**

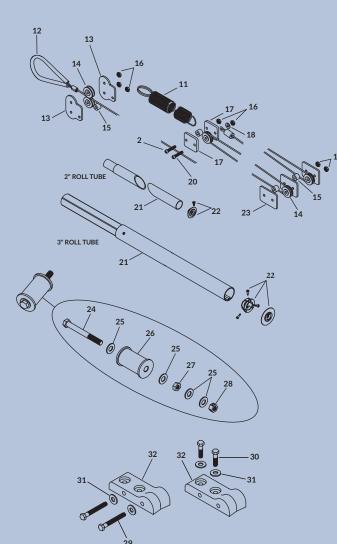
KEI	UKNS -	FRONT/REAR CABLE
ITEM	PART#	DESCRIPTION
		FOR 2" ROLL TUBES
	1111121	Rear Cable Return Kit* [Includes 1; 3; 5; 6; 10; 11;
		12; 18; 20; 2 of 13, 17 & 19; 3 of 4, 7, 8 & 23;
		4 of <b>2</b> & <b>15</b> ; 5 of <b>14</b> ; 7 of <b>16</b> ]
	1111122	Front Cable Return Kit* [Includes 1; 3; 5; 6; 10; 11;
		12; 18; 20; 22; 2 of 13, 17 & 19; 3 of 4, 7, 8 & 23;
		4 of <b>2</b> & <b>15</b> ; 5 of <b>14</b> ; 7 of <b>16</b> ]
	1112064	Rear Cable Return Kit w/Roll Tube Extension*
		[Includes 1; 3; 5; 6; 10; 12; 18; 20; 21; 22; 2 of
		<b>13</b> , <b>17</b> , <b>18</b> & <b>19</b> ; 3 of <b>4</b> , <b>7</b> , <b>8</b> & <b>23</b> ; 4 of <b>2</b> & <b>15</b> ;
		5 of <b>14</b> ; 7 of <b>16</b> ]
	1112065	Front Cable Return Kit w/Roll Tube Extension*
		[Includes 1; 3; 5; 6; 10; 12; 18; 20; 21; 22; 2 of
		<b>13</b> , <b>17</b> , <b>18</b> & <b>19</b> ; 3 of <b>4</b> , <b>7</b> , <b>8</b> & <b>23</b> ; 4 of <b>2</b> & <b>15</b> ;
	4444040	5 of 14; 7 of 16]
	1114913	X-Wide Rear Cable Return Kit* [Includes 1; 3; 5;
		6; 9; 10; 11; 12; 18; 20; 2 of 13, 17 & 19; 3 of
	1114914	4, 7, 8 & 23; 4 of 2 & 15; 5 of 14; 7 of 16]
	1114714	X-Wide Front Cable Return Kit* [Includes 1; 3; 5; 6; 9; 10; 11; 12; 18; 20; 22; 2 of 13, 17 & 19;
		3 of 4, 7, 8 & 23; 4 of 2 & 15; 5 of 14; 7 of 16]
	1114915	X-Wide Front Cable Return Kit w/Roll Tube Ext.*
	1114713	[Includes 1; 3; 5; 6; 9; 10; 11; 12; 18; 20; 21; 22;
		2 of <b>13</b> , <b>17</b> , <b>18</b> & <b>19</b> ; 3 of <b>4</b> , <b>7</b> , <b>8</b> & <b>23</b> ; 4 of
		2 & 15; 5 of 14; 7 of 16]
		FOR 3" ROLL TUBES
	1124868	Rear Cable Return Kit* [Includes 1; 3; 5; 6; 10; 11;
		<b>12</b> ; <b>18</b> ; <b>20</b> ; 2 of <b>13</b> , <b>17</b> & <b>19</b> ; 3 of <b>4</b> , <b>7</b> , <b>8</b> & <b>23</b> ;
		4 of <b>2</b> & <b>15</b> ; 5 of <b>14</b> ; 7 of <b>16</b> ]
	1124869	Front Cable Return Kit* [Includes 1; 3; 5; 6; 10; 11;
		12; 18; 20; 2 of 13, 17 & 19; 3 of 4, 7, 8 & 23;
	4404005	4 of 2 & 15; 5 of 14; 7 of 16]
	1124905	Rear Cable Return Kit w/Roll Tube Extension*
		[Includes 1; 3; 5; 6; 10; 12; 18; 20; 21; 22; 2 of
		<b>13</b> , <b>17</b> , <b>18</b> & <b>19</b> ; 3 of <b>4</b> , <b>7</b> , <b>8</b> & <b>23</b> ; 4 of <b>2</b> & <b>15</b> ; 5 of <b>14</b> ; 7 of <b>16</b> ]
	1124906	Front Cable Return Kit w/Roll Tube Extension*
	1124700	[Includes 1; 3; 5; 6; 10; 12; 18; 20; 21; 22; 2 of
		13, 17, 18 & 19; 3 of 4, 7, 8 & 23; 4 of 2 & 15;
		5 of <b>14</b> ; 7 of <b>16</b> ]
	1116117	Cable Spool Kit**
		[Includes 24; 26; 27; 28; 4 of 25]
	1111437	Universal Cable Guide Kit**
		[Includes <b>32</b> ; 2 of <b>29</b> , <b>30</b> & <b>31</b> ]
	1111469	Cable Return Mounting Hardware Kit
		[Includes 3 of 4, 7 & 8]
1	1702672	Hex Head Cap Screw - 1/4" x 2-1/4"
2	1702654	Machine Screw - 1"
4	1701543	Nylon Lock Hex Nut - 1/4"  Solf Tapping Scrow 2/9" x 1"
5	1700400 1114728	Self-Tapping Screw - 3/8" x 1" Universal Cable Return Housing
	1112902	Universal X-Wide Cable Return Housing
6	1115014	Spacer Washer - 1-5/8"
7	1700434	Lock Washer - 3/8"
8	1700407	Hex Nut - 3/8"
9	1112904	Cable Return Back Plate - X-Wide
10	1115206	Velcro® Hook - 1" x 4"

 $<sup>\</sup>ensuremath{^{*}}\xspace For reverse-roll systems, use rear return on front of trailer, front return on rear.$ 

Continued on next page



 $<sup>\</sup>ensuremath{^{**}}\text{Used to route cable from return over obstructions or sharp edges.}$ 



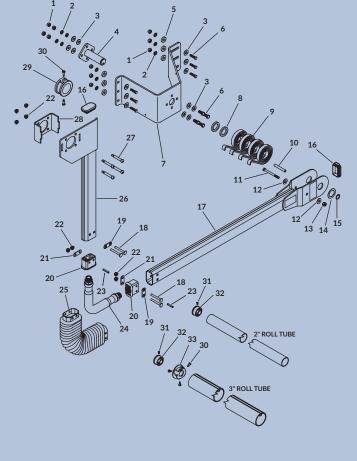
**RETURNS - FRONT/REAR CABLE** Continued

ITEM	PART#	DESCRIPTION
11	1702657	Extension Spring
12	1114582	Cable w/Return Strap
	1114932	X-Wide Cable w/Return Strap
	1124870	Cable w/Return Strap*** - 3"
13	1114691	Front Retainer Plate
14	1703006	Pulley - 1/16" Cable Groove
15	1111056	Plastic Spacer - 3/8" Thick
16	1702653	Machine Screw Nut
17	1112997	Rope Block Retainer Plate
18	1111054	Flat Washer
19	1702656	Machine Screw - 1-1/2"
20	1702655	Machine Screw - 1-1/4"
21	1117496	Swaged Roll Tube Extension - 2" x 32"
	1124901	Roll Tube Extension*** - 3" x 45"
22	1111808	End Plug/Cable Retainer w/Screw
	1124904	End Plug/Cable Retainer w/Screws*** - 3"
23	1110913	Rear Retainer Plate
24	1703048	Hex Head Cap Screw - 3/8" x 3-1/2"
25	1701176	Flat Washer - 3/8" SAE
26	1703605	Cable Spool
27	1701062	Hex Jam Nut - 3/8"
28	1700418	Centerlock Hex Nut - 3/8"
29	1700371	Hex Head Cap Screw - 3/8" x 3"
30	1701434	Hex Head Cap Screw - 3/8" x 1-1/2"
31	1700429	Flat Washer - 3/8"
32	1110410	Universal Cable Guide

<sup>\*\*\*</sup>Used with 3" roll tubes.

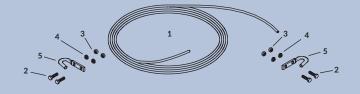
## **RETURNS** – HEAVY-DUTY FRONT ARM

114	511115	HEAVY-DUTY FRONT ARM
ITEM	PART#	DESCRIPTION
	1124119	Heavy-Duty Front Arm Return [Includes 4; 7; 10;
	1124117	11; 13; 14; 15; 17; 24; 25; 26; 28; 29; 31; 32;
		2 of 8, 12, 16, 19, 20, 21, 23 & 30; 4 of 9 & 27;
	1101701	6 of <b>18</b> ; 8 of <b>5</b> ; 10 of <b>1</b> , <b>2</b> & <b>22</b> ; 14 of <b>3</b> ] HD Front Arm Return - 3" * [Includes <b>4</b> ; <b>7</b> ; <b>10</b> ; <b>11</b> ;
	1124794	
		13; 14; 15; 17; 24; 25; 26; 28; 29; 31; 32; 33;
		2 of 8, 12, 16, 19, 20, 21, 23 & 30; 4 of 9 & 27;
	1121702	6 of <b>18</b> ; 8 of <b>5</b> ; 10 of <b>1</b> , <b>2</b> & <b>22</b> ; 14 of <b>3</b> ]
	1121/02	Flex Arm Joint Hardware Kit
	1116926	[Includes 19; 21; 2 of 18, 22 & 23]
	1110920	Spring Support Hardware Kit [Includes <b>10</b> ; <b>11</b> ; <b>13</b> ; <b>14</b> ; <b>15</b> ; 2 of <b>8</b> & <b>12</b> ]
	1121579	Pivot Bracket Hardware Kit
	11215/9	[Includes 10 of <b>1</b> , <b>2</b> & <b>6</b> ; 6 of <b>5</b> ; 14 of <b>3</b> ]
-	1101700	
	1121723	Exposed Spline/Bearing Hardware Kit
		[Includes 28; 29; 2 of 16, 19, 20, 21, 23 & 30;
	1104705	4 of 18 & 27; 8 of 22]
	1124795	Exposed Spline/Bearing Hardware Kit - 3" *
		[Includes 28; 29; 33; 2 of 16, 19, 20, 21, 23 & 30;
	1101/47	4 of 18 & 27; 8 of 22]
	1121647	Flex Joint Hardware
4	1700407	[Includes 2 of 19 & 21; 4 of 18 & 22]
1	1700407	Hex Nut - 3/8"
2	1700434	Lock Washer - 3/8"
3	1700429	Flat Washer - 3/8"
4	1116920	Pivot Pin - 4 Spring
5	1120291	Spacer Washer - 1/4" x 1" OD x .406"
6	1702891	Hex Head Cap Screw - 3/8" x 1-1/4"
7	1121578	Pivot Mount Bracket - 6" x 9-1/4" Standoff
8	1118318	Spacer Washer - 1/4" x 1.81" OD x 1.28"
9	1111027	Spiral Torsion Spring
10	1117033	Spacer Tube35" x 2-5/8"
11 12	1201022	Hex Head Cap Screw - 5/16" x 3-1/2"
13	1700428	Flat Washer - 4/16"
	1700419	Nylon Lock Hex Nut - 5/16"
14	1702890 1702888	Flat Washer - 1-1/4" Retaining Ring - 1-1/4"
16	1704892	Cap Plug
17	1121617	Lower Flex Arm w/Warning Decals - Front Carriage Bolt - 5/16" x 2-1/2" - GR5
18 19	1701455 1121414	Bellow Plate - Square Holes
20	1704891	
21	1121413	End Fitting Bellow Plate - Round Holes
22	1704931	Flanged Nylon Lock Nut - 5/16"
23	1704931	Spring Pin - 1/4" x 1-3/8"
24	1125154	Replacement Flex Arm Joint - 4500 HD [Includes
44	1147174	Flex Hose; 25; 2 of 19, 20, 21 & 23; 4 of 18 & 22]
25	1704775	Arm Bellow
26	1121281	Upper Flex Arm - Bearing
20	1124958	Upper Flex Arm - Bearing - 3" *
27		
27	1704943 1121430	Shoulder Bolt - 3/8" x 2" Thread x 5/16" x 1/2"  Bearing Mount Box
20	1123248	Bearing Mount Box - 3" *
29	1704942	Rear Arm Bearing Ring
27	1704942	Rear Arm Bearing Ring - 3" *
30	1705160	Self-Drilling Screw - 1/4" x 1" *
31	1705198	Self-Drilling Screw - 1/4 x 1 Self-Drilling Screw - #10 x 1/2"
32	1100138	Nylon End Plug
33	1121041	Roll Tube End Cap - Front*
్రు	1121041	MOIL TUDE ETIO CAP - FLOTIL

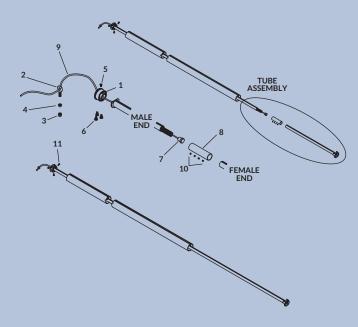


# **RETURNS** – ROPE

ITEM	PART#	DESCRIPTION
	1100064	Rope Return Kit [Includes 1; 2 of 5; 4 of 2, 3 & 4]
1	1100469	Rope - 32'
2	1700381	Hex Head Cap Screw - 1/4" x 1"
3	1700408	Hex Nut - 1/4"
4	1700436	Lock Washer - 1/4"
5	1700682	Box Hook - 5/16" Holes



<sup>\*</sup>Used with 3" roll tubes.

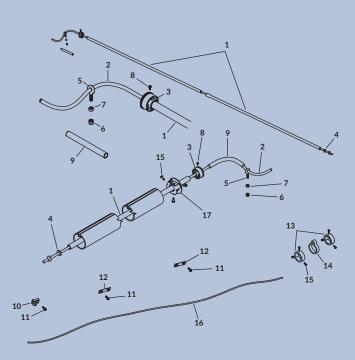


## **RETURNS** – SHUR-RETURN™

ITEM	PART#	DESCRIPTION
11 511	1100824	Shur-Return™ Kit [Includes Tube Assembly;
	1100624	1; 2; 3; 4; 5; 9; 5 of 6]
	1107881	UPS-able Shur-Return™ Kit [Includes <b>Tube</b>
	1107001	Assembly; 1; 2; 3; 4; 5; 7; 8; 9; 4 of 10; 5 of 6]
	1124875	Shur-Return™ Kit - 3" * [Includes <b>Tube Assembly</b> ;
		1; 2; 3; 4; 5; 9; 3 of 11; 5 of 6]
	1124876	UPS-able Shur-Return™ Kit - 3" * [Includes
		Tube Assembly; 1; 2; 3; 4; 5; 7; 8; 9; 3 of 11;
		4 of <b>10</b> ; 5 of <b>6</b> ]
	1107128	Shur-Return™ Hardware Kit
		[Includes 1; 2; 3; 4; 5; 5 of 6]
	1124881	Shur-Return™ Hardware Kit - 3" *
		[Includes 1; 2; 3; 4; 5; 3 of 10; 5 of 6]
	1	1100138 Nylon End Plug
2	1700717	Eyebolt Anchor - 5/16"
3	1700419	Nylon Lock Hex Nut - 5/16"
4	1700411	Hex Nut - 5/16"
5	1704743	Self-Drilling Screw - #10 x 1/2"
6	1700736	Self-Tapping Screw - 1/4" x 1/2"
7	1100827	Spring Retainer Plug
8	1107879	Connector Sleeve
9	1100826	Shur-Return™ Rope**
10	1701423	Hex Socket Set Screw - #10 x 3/16"
11	1705198	Self-Drilling Screw - 1/4" x 1"

<sup>\*</sup>Used with 3" roll tubes.

<sup>\*\*</sup>Shur-Return™ rope does NOT stretch, see stretch cord, below.



#### **RETURNS - STRETCH CORD**

		STRETCHEORD
ITEM	PART#	DESCRIPTION
	1114359	Front Stretch Cord Roll Return Kit*
		[Includes 1; 2; 3; 4; 5; 6; 7; 8; 9]
	1124882	Front Stretch Cord Roll Return Kit* - 3" **
		[Includes 1; 2; 3; 4; 5; 6; 7; 8; 9; 17; 3 of 15]
	1114361	X-Wide Front Stretch Cord Roll Return Kit*
		[Includes 1; 2; 3; 4; 5; 6; 7; 8; 9]
	1114951	Shock Cord Roll Return Kit [Includes 10; 12;
		<b>14</b> ; <b>16</b> ; 2 of <b>11</b> & <b>13</b> ; 6 of <b>15</b> ]
	1119034	Replacement End Plug Kit [Includes 3; 8]
	1107127	Roll Return Hardware Kit*
		[Includes 3; 4; 5; 6; 7; 8; 9]
	1124883	Roll Return Hardware Kit* - 3" **
		[Includes <b>3</b> ; <b>4</b> ; <b>5</b> ; <b>6</b> ; <b>7</b> ; <b>8</b> ; <b>9</b> ; <b>17</b> ; 3 of <b>15</b> ]
1	1111067	Roll Return Tube Set - 2 Pc.
	1115041	X-Wide Roll Return Tube Set - 3 Pc.
2	1114360	Roll Return Stretch Cord*** - 11-1/2'
	1114362	
	1703335	Roll Return Stretch Cord - 300'
3	1100138	Nylon End Plug
4	1703373	Flat Washer - 1/2"
5	1700717	Eyebolt Anchor - 5/16"
6	1700419	Nylon Lock Hex Nut - 5/16"
7	1700411	Hex Nut - 5/16"
8	1704743	Self-Drilling Screw - #10 x 1/2"
9	1107680	Protective Stretch Cord Cover
10	1703445	Shock Cord Eye Bracket
11	1700400	Self-Tapping Screw - 3/8" x 1"
12	1114948	Shock Cord Tie-Down Strap
13	1704352	Rear Arm Retaining Collar
14	1114947	Roll Tube Eye
15	1705198	Self-Drilling Screw - 1/4" x 1" **
16	1122332	Shock Cord - 11-1/2"
17	1121041	Roll Tube End Cap - Front**

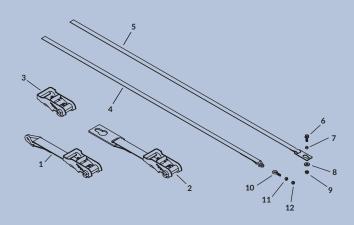
<sup>\*</sup>Includes instructions.

<sup>\*\*</sup>Used on 3" roll tubes.

<sup>\*\*\*</sup>Comes with protective stretch cord cover P/N 1107680.

## RIDGE STRAPS - 1" GALVANIZED STEEL

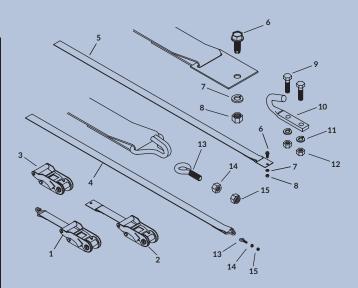
	LOTTO	I S I GALVANIZED STELL
ITEM	PART#	DESCRIPTION
	1101685	Ridge Strap Kit w/Anchor - 1" x 25'
		[Includes 2; 5; 2 of 6, 7, 8 & 9]
	1101686	Ridge Strap Kit w/Anchor - 1" x 39'
		[Includes <b>2</b> ; <b>5</b> ; 2 of <b>6</b> , <b>7</b> , <b>8</b> & <b>9</b> ]
	1101687	Ridge Strap Kit w/Anchor - 1" x 46'
		[Includes 2; 5; 2 of 6, 7, 8 & 9]
	1107068	Ridge Strap Kit w/Anchor - 1" x 56'
		[Includes <b>2</b> ; <b>5</b> ; 2 of <b>6</b> , <b>7</b> , <b>8</b> & <b>9</b> ]
	1101833	Ridge Strap Kit w/Hook* - 1" x 46' [Includes 1; 4] Ridge Strap Kit w/Hook* - 1" x 56' [Includes 1; 4]
	1120454	Ridge Strap Kit w/Hook* - 1" x 56' [Includes 1; 4]
	1105244	Ridge Strap Hardware Kit - 1"
		[Includes 2 of 6, 7, 8 & 9]
	1101689	Eyebolt Hardware Kit [Includes 2 of 10, 11 & 12]
1	1106153	Ratchet w/1" Ridge Strap/Hook
2	1101678	Ratchet w/1" Ridge Strap/Anchor
3	1700836	Ratchet - 1" Web
4	1118520	Ridge Strap w/Hook - 1" x 10'
	1118522	Ridge Strap w/Hook - 1" x 14'
	1121406	Ridge Strap w/Hook - 1" x 18'
	1118524	Ridge Strap w/Hook - 1" x 24'
	1101835	Ridge Strap w/Hook - 1" x 46'
	1116163	Ridge Strap w/Hook - 1" x 56'
5	1101680	Ridge Strap w/Anchor - 1" x 25'
	1101681	Ridge Strap w/Anchor - 1" x 39'
	1101682	Ridge Strap w/Anchor - 1" x 46'
	1107066	Ridge Strap w/Anchor - 1" x 56'
6	1700400	Self-Tapping Screw - 3/8" x 1"
7	1101683	Anchor Bushing
8	1701176	Flat Washer - 3/8"
9	1700418	Centerlock Hex Nut - 3/8"
10	1700717	Eyebolt Anchor - 5/16"
11	1700411	Hex Nut - 5/16"
12	1700419	Nylon Hex Nut - 5/16"



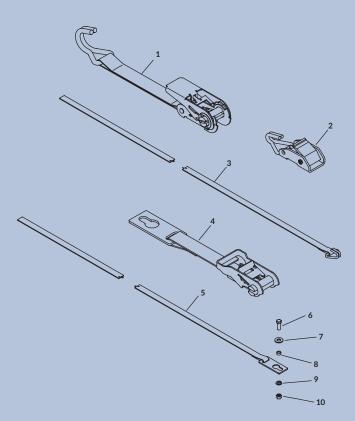
# RIDGE STRAPS - 2" GALVANIZED STEEL

ITEM	PART#	DESCRIPTION
	1100783	Ridge Strap Kit w/Anchor - 2" x 25' [Includes 2; 5; 2 of 6, 7, 8 & 10; 4 of 9, 11 & 12]
	1100784	Ridge Strap Kit w/Anchor - 2" x 39' [Includes 2; 5; 2 of 6, 7, 8 & 10; 4 of 9, 11 & 12]
	1100774	Ridge Strap Kit w/Anchor - 2" x 46' [Includes 2; 5; 2 of 6, 7, 8 & 10; 4 of 9, 11 & 12]
	1107069	Ridge Strap Kit w/Anchor - 2" x 56' [Includes 2; 5; 2 of 6, 7, 8 & 10; 4 of 9, 11 & 12]
	1111823	Ridge Strap Kit w/Hook* - 2" x 46' [Includes 1; 4]
	1105242	Ridge Strap Hardware Kit - 2"
		[Includes 2 of 6, 7, 8 & 10; 4 of 9, 11 & 12]
1	1111818	Ratchet w/2" Ridge Strap/Hook
3	1100594	Ratchet w/2" Ridge Strap/Anchor
3	1700519	Ratchet - 2" Web
4	1111817	Ridge Strap w/Hook - 2" x 48'
5	1100571	Ridge Strap w/Anchor - 2" x 25'
	1100579	Ridge Strap w/Anchor - 2" x 39'
	1100580	Ridge Strap w/Anchor - 2" x 48'
	1107067	Ridge Strap w/Anchor - 2" x 56'
7	1700400	Self-Tapping Screw - 3/8" x 1"
_	1700434	Lock Washer - 3/8"
8	1700407	Hex Nut - 3/8"
9	1700381	Hex Head Cap Screw - 1/4" x 1"
10	1700682	Box Hook - 5/16" Holes
11	1700436	Lock Washer - 1/4"
12	1700408	Hex Nut - 1/4"
13	1700717	Eyebolt Anchor - 5/16"
14	1700411	Hex Nut - 5/16"
15	1700419	Nylon Hex Nut - 5/16"

<sup>\*</sup>Eyebolt NOT included.

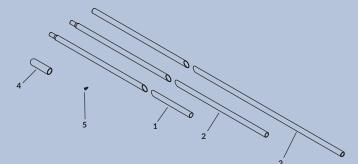


<sup>\*</sup>Eyebolt NOT included.



## RIDGE STRAPS - 1" POWDER-COATED/STAINLESS

KID		IF 3 - 1 POWDER-COATED/STAINLESS
ITEM	PART#	DESCRIPTION
	1123803	Stainless Ridge Strap Kit w/Anchor - 1" x 41"
		[Includes 4; 5; 2 of 6, 8, 9 & 10; 4 of 7]
	1123804	Stainless Ridge Strap Kit w/Anchor - 1" x 48"
		[Includes 4; 5; 2 of 6, 8, 9 & 10; 4 of 7]
	1123805	Stainless Ridge Strap Kit w/Anchor - 1" x 56"
		[Includes 4; 5; 2 of 6, 8, 9 & 10; 4 of 7]
	1120301	Stainless Ridge Strap Kit w/Hook - 1" x 10'
		[Includes 1; 3]
	1120302	Stainless Ridge Strap Kit w/Hook - 1" x 14'
		[Includes 1; 3]
	1121407	Stainless Ridge Strap Kit w/Hook - 1" x 18'
	1101100	[Includes 1; 3]
	1121409	Stainless Ridge Strap Kit w/Hook - 1" x 24'
	4440540	[Includes 1; 3]
	1118513	Powder-Coated Ridge Strap Kit w/Hook -
	1118515	1" x 10" [Includes 2; 3] Powder-Coated Ridge Strap Kit w/Hook -
	1118212	1" x 14" [Includes 2; 3]
	1118517	Powder-Coated Ridge Strap Kit w/Hook -
	1110317	1" x 18" [Includes 2; 3]
	1118519	Powder-Coated Ridge Strap Kit w/Hook -
	1110517	1" x 24" [Includes <b>2</b> ; <b>3</b> ]
	1123806	Stainless Ridge Strap Hardware Kit - 1"
	1120000	[Includes 2 of 6, 8, 9 & 10; 4 of 7]
1	1120300	Stainless Ratchet w/1" Ridge Strap
2	1118509	Buckle Weldment
3	1118512	Powder-Coated Ridge Strap w/Hook - 1" x 10'
	1120298	Stainless Ridge Strap w/Hook - 1" x 10'
	1118514	Powder-Coated Ridge Strap w/Hook - 1" x 14'
	1120299	Stainless Ridge Strap w/Hook - 1" x 14'
	1118516	Powder-Coated Ridge Strap w/Hook - 1" x 18'
	1121408	Stainless Ridge Strap w/Hook - 1" x 18'
	1118518	Powder-Coated Ridge Strap w/Hook - 1" x 24'
	1121410	Stainless Ridge Strap w/Hook - 1" x 24'
4	1117585	Stainless Ratchet w/1" Ridge Strap/Anchor
5	1117493	Stainless Ridge Strap w/Anchor - 1" x 41'
	1117494	Stainless Ridge Strap w/Anchor - 1" x 48'
	1116887	Stainless Ridge Strap w/Anchor - 1" x 56'
7	1703579	Stainless Hex Head Cap Screw - 3/8" x 1"
8	1703577 1101683	Stainless Flat Washer - 3/8" Anchor Bushing - 3/8"
9	1703576	
10	1200999	Stainless Lock Washer - 3/8" Stainless Hex Nut - 3/8"
10	1200999	Stainless nex Nut - 3/8

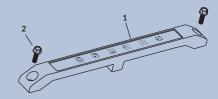


## **RIDGEPOLES**

ITEM	PART#	DESCRIPTION
	1105310	Rollaway Ridgepole Hardware [Includes 2 of 4; 2 of 5]
1	1701204	Ridgepole Tube - 16'
2	1701205	Ridgepole Tube - 20'
3	1701206	Ridgepole Tube - 24'
4	1700212	Protective Cap
5	1704768	Self-Drilling Screw - 1/4" x 3/4"

# **ROLL TUBE DEFLECTORS**

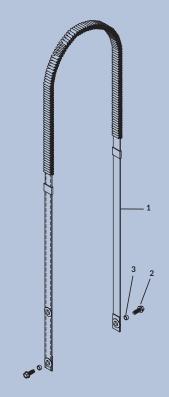
ITEM	PART#	DESCRIPTION
	1117513	Single Molded Roll Tube Deflector Kit - Gray [Includes 1; 2 of 2]
	1114579	Double Molded Roll Tube Deflector Kit - Gray [Includes 2 of 1; 4 of 2]
	1117514	Single Molded Roll Tube Deflector Kit - Black [Includes 1; 2 of 2]
	1114659	Double Molded Roll Tube Deflector Kit - Black [Includes 2 of <b>1</b> ; 4 of <b>2</b> ]
1	1112029	Molded Roll Tube Deflector - Gray - 17-1/4"
	1114658	Molded Roll Tube Deflector - Black - 17-1/4"
2	1701059	Self-Tapping Screw - 5/16" x 1"

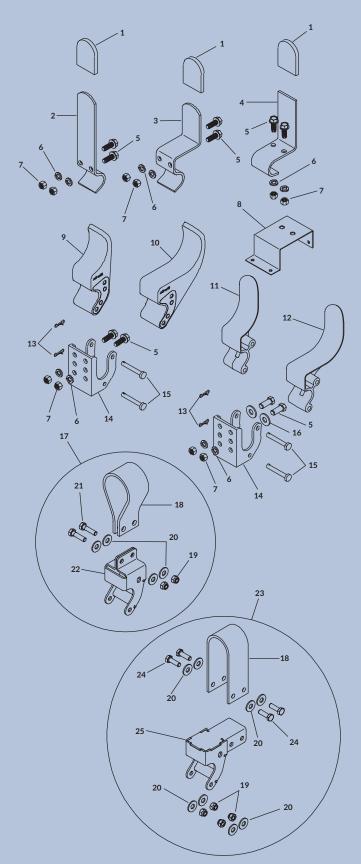


# TARP CORDS - GUSTBUSTER™

ITEM	PART#	DESCRIPTION
	1125679	GustBuster™ Cord Kit - GT (8' to 9') - 1 Cord [Includes 1; 2 of 2; 3 of 3]
	1125680	GustBuster™ Cord Kit - GT (8' to 9') - 2 Cords [Includes 2 of <b>1</b> ; 4 of <b>2</b> ; 6 of <b>3</b> ]
	1125681	GustBuster™ Cord Kit - GT (8' to 9') - 3 Cords [Includes 3 of 1; 6 of 2; 9 of 3]
	1126741	GustBuster™ Cord Kit - GC (10' to 11') - 2 Cords [Includes 2 of 1; 4 of 2; 6 of 3]
	1126742	GustBuster™ Cord Kit - GC (11' to 12') - 2 Cords [Includes 2 of <b>1</b> ; 4 of <b>2</b> ; 6 of <b>3</b> ]
	1126743	GustBuster™ Cord Kit - GC (12' to 13') - 2 Cords [Includes 2 of 1; 4 of 2; 6 of 3]
1	1705638	GustBuster™ Tarp Cord - GT (8' to 9')
	1126738	GustBuster™ Tarp Cord - GC (10' to 11')
	1126739	GustBuster™ Tarp Cord - GC (11' to 12')
	1126740	GustBuster™ Tarp Cord - GC (12' to 13')
2	1700400	Self-Tapping Screw - 3/8" x 1"
3	1101683	Anchor Bushing

 $NOTE: Additional\ Gust Buster^{\text{\tiny TM}}\ sizes\ available\ upon\ request.$ 





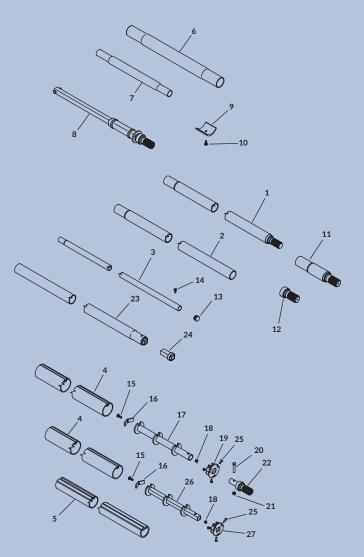
# **TARP STOPS**

IAINE	31013	
ITEM	PART#	DESCRIPTION
		TARP STOPS w/MOUNTING HARDWARE
	1111092	Standard Tarp Stop w/Mounting Hardware
		[Includes 1; 2; 2 of 5, 6 & 7]
	1111093	Offset Tarp Stop w/Mounting Hardware
		[Includes 1; 3; 2 of 5, 6 & 7]
	1111096	Recessed Tarp Stop w/Mounting Hardware
		[Includes 1; 4; 2 of 5, 6 & 7]
	1124780	Easy-Off Aluminum (Cast) Tarp Stop w/Mounting
	1124781	Hardware [Includes 11; 14; 2 of 5, 6, 7, 13 & 15]
	1124/81	Powder-Coated Easy-Off Aluminum (Cast) Tarp
		Stop w/Mounting Hardware [Includes <b>11</b> ; <b>14</b> ; 2 of <b>5</b> , <b>6</b> , <b>7</b> , <b>13</b> & <b>15</b> ]
	1124782	Powder-Coated Easy-Off Aluminum (Cast) Tarp
	1124702	Stop - Stainless Body w/Mounting Hardware
		[Includes 11; 14; 2 of 5, 6, 7, 13 & 15]
	1124783	Easy-Off Aluminum (Cast) 6" Offset Tarp Stop w/
		Hardware [Includes 12; 14; 2 of 5, 6, 7, 13 & 15]
	1124784	Powder-Coated Easy-Off Aluminum (Cast)
		6" Offset Tarp Stop w/Hardware
		[Includes 12; 14; 2 of 5, 6, 7, 13 & 15]
	1114047	Easy-Off Flexible Tarp Stop w/Mounting Hardware
	1111000	[Includes 9; 14; 2 of 5, 6, 7, 13 & 15]
	1114388	Easy-Off Flexible 6" Offset Tarp Stop w/Mounting
	1122278	Hardware [Includes 10; 14; 2 of 5, 6, 7, 13 & 15] Easy-Off Belt Flex Tarp Stop w/Mounting
	1122270	Hardware [Includes 14; 18; 22; 2 of 5, 6, 7, 13,
		15, 19 & 21; 4 of 20]
	1123798	Easy-Off Belt Flex 6" Offset Tarp Stop w/Mounting
		Hardware [Includes <b>14</b> ; <b>18</b> ; <b>25</b> ; 2 of <b>5</b> , <b>6</b> , <b>7</b> ,
		13 & 15; 4 of 19 & 24; 8 of 20]
	1118389	Bowtie Cotter Pin/Ring Assembly
		[Includes 2 of <b>13</b> & <b>15</b> ]
1	1700729	Protective Cap
2	1100049	Standard Tarp Stop
3	1100392	Offset Tarp Stop
<u>4</u> 5	1105163 1700400	Recessed Tarp Stop Self-Tapping Screw - 3/8" x 1"
J	1703579	Stainless Hex Head Cap Screw - 3/8" x 1"
6	1700434	Lock Washer - 3/8"
	1703576	Stainless Lock Washer - 3/8"
7	1700407	Hex Nut - 3/8"
	1200999	Stainless Hex Nut - 3/8"
8	1100814	Tarp Stop Bracket
9	1115216	Easy-Off Flexible Tarp Stop Upright
		w/Embedded Safety Plate
10	1115217	Easy-Off Flexible 6" Offset Tarp Stop
- 4.4	1705775	Upright w/Embedded Safety Plate
11	1705775	Easy-Off Aluminum (Cast) Tarp Stop Upright
12	1124770 1705454	Powder-Coated EO Alum. (Cast) Tarp Stop Upright Easy-Off Alum. (Cast) 6" Offset Tarp Stop Upright
12	4404770	D   C
	1124//2	6" Offset Tarp Stop Upright
13	1704380	Bowtie Cotter Pin - 1-3/8"
14	1100833	Easy-Off Tarp Stop Body
	1116975	Stainless Easy-Off Tarp Stop Body
15	1703604	Clevis Pin - 5/16" x 2-7/8"
16	1703577	Stainless Flat Washer - 3/8"
17	1122260	Easy-Off Belt Flex Tarp Stop Upright
18	1122237	Rubber Belting - 1/5" x 2" x 12"
19	1700419	Nylon Lock Hex Nut - 5/16"
20	1700428	Flat Washer - 5/16"
21	1701208 1122259	Hex Head Cap Screw - 5/16" x 1-1/4"  Tarp Stop Upright Bracket
22	1123455	Easy-Off Belt Flex 6" Offset Tarp Stop Upright
24	1704416	Hex Head Cap Screw - 5/16" x 1"
25	1123454	Tarp Stop Upright Bracket - Offset

#### TARP TURES

IAR	P TUBES	
ITEM	PART#	DESCRIPTION
		Use w/SHUR-LOK® ROLL TARPS
	1115966	U-Clamp Replacement Kit - 2" Roll Tube
		[Includes 3 of <b>9</b> & <b>10</b> ]
	1118643	U-Clamp Replacement Kit - 2" Roll Tube
		[Includes 8 of 9 & 10]
	1118644	U-Clamp Replacement Kit - 2" Roll Tube
	4440770	[Includes 10 of 9 & 10]
	1118663	U-Clamp Replacement Kit - 2" Roll Tube
	1126790	[Includes 14 of <b>9</b> & <b>10</b> ] U-Clamp Replacement Kit - 3" Roll Tube
	1120770	[Includes 3 of <b>9</b> & <b>10</b> ]
	1126791	U-Clamp Replacement Kit - 3" Roll Tube
		[Includes 8 of <b>9</b> & <b>10</b> ]
	1126792	U-Clamp Replacement Kit - 3" Roll Tube
		[Includes 10 of <b>9</b> & <b>10</b> ]
	1126793	U-Clamp Replacement Kit - 3" Roll Tube
	4400070	[Includes 14 of 9 & 10]
	1122879	Manual Crank Kit - 3" Aluminum Roll Tube
1	1107057	[Includes <b>15</b> ; <b>16</b> ; <b>17</b> ; <b>18</b> ; <b>19</b> ; <b>20</b> ; <b>21</b> ; <b>22</b> ; 3 of <b>25</b> ] Roll Tube w/Spline - 2" x <b>16</b> '
	1107057	Roll Tube w/Spline - 2" x 20'
	1107059	Roll Tube w/Spline - 2" x 24'
2	1700048	Roll Tube - 2" x 16'
	1700046	Roll Tube - 2" x 20'
	1701427	Roll Tube - 2" x 24'
3	1700051	Fixed Tube - 1-1/8" x 16'
	1700049	Fixed Tube - 1-1/8" x 20'
4	1701428 1118639	Fixed Tube - 1-1/8" x 24' Aluminum Roll Tube - 3" x 12'
4	1704439	Aluminum Roll Tube - 3" x 16"
	1704437	Aluminum Roll Tube - 3 " x 20"
	1704236	Aluminum Roll Tube - 3" x 24'
5	1704863	Aluminum Splice Tube - 3"
6	1107076	Roll Tube Swaged Connector
7	1107077	Fixed Tube Swaged Connector
8	1126182	Extendable Spline Assembly*
9	1701354	Plastic U-Clamp
10	<u>1700398</u> 1705198	Self-Drilling Screw - 1/4" x 3/4" Self-Drilling Screw - 1/4" x 1"
11	1107260	Spline Shaft Replacement - 2" x 9"
	1117670	Spline Shaft Replacement - 2" x 13"
	1120107	Spline Shaft Replacement - 2" x 21"
12	1701244	Spline Shaft w/out Connector Tube
13	1700523	Plastic End Plug
14	1704768	Flat-Headed Self-Drilling Screw - 1/4" x 3/4"
15	1704237	Carriage Bolt - 5/16" x 1" - GR5
16 17	1118194 1121039	Cartridge Clamp  Rear Cartridge
18	1704297	Nylon Lock Nut - 5/16"
19	1121040	Roll Tube End Cap - Rear
20	1704264	Hex Head Cap Screw - 3/8" x 2"
21	1702668	Top Lock Hex Nut - 3/8"
22	1121111	Manual Crank Spline - 3"
	110:::::	Use w/BELT 'N RATCHET TARPS
	1124899	Manual Crank Kit - 3" Aluminum Roll Tube w/
22	1105100	Square Key [Includes <b>15</b> ; <b>16</b> ; <b>18</b> ; <b>26</b> ; <b>27</b> ; 3 of <b>25</b> ]
23	1105132 1105131	Roll Tube w/Square Key - 2" x 16' Roll Tube w/Square Key - 2" x 20'
	1105131	Roll Tube w/Square Key - 2 x 20  Roll Tube w/Square Key - 2" x 24'
24	1105124	Roll Tube Square Key Replacement
25	1705198	Self-Drilling Screw - 1/4" x 1"
26	1124893	Rear Cartridge w/Square Key
27	1124896	Roll Tube End Cap - Rear w/Square Key

<sup>\*</sup>For use with Wil-Slip™ caps; *see* page 50.



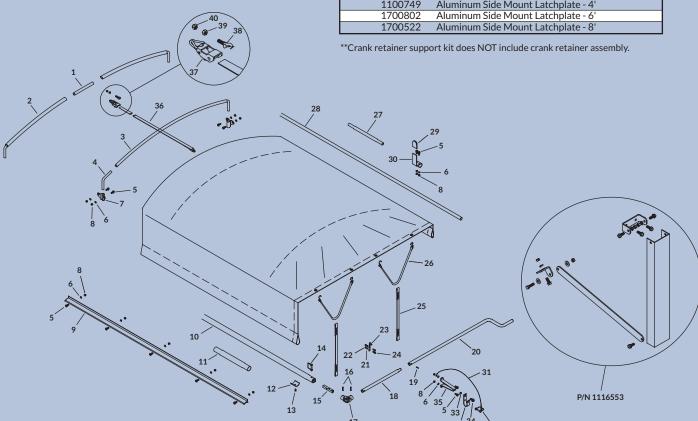
# **SHUR-LOK® JUNIOR**

ITEM	PART#	DESCRIPTION
	1100766	Galvanized Bow Kit - 8" Rise* - 93" to 102"
		[Includes <b>3</b> ; <b>4</b> ; 2 of <b>7</b> ; 4 of <b>5</b> , <b>6</b> & <b>8</b> ]
	1117916	Galvanized Bow Kit - 8" Rise* - 85" to 92"
		[Includes <b>3</b> ; <b>4</b> ; 2 of <b>7</b> ; 4 of <b>5</b> , <b>6</b> & <b>8</b> ]
	1106943	X-Wide Galvanized Bow Kit - 8" Rise* -
		103" to 168" [Includes <b>1</b> ; 2 of <b>2</b> & <b>7</b> ;
		4 of <b>5</b> , <b>6</b> & <b>8</b> ]
	1111096	Recessed Tarp Stop w/Mounting Hardware
		[Includes <b>29</b> ; <b>30</b> ; 2 of <b>5</b> , <b>6</b> & <b>8</b> ]
	1100386	Crank Retainer Kit w/7" Standoff [Includes
		14; 31; 32; 33; 34; 35; 2 of 5, 6 & 8]
1	1100685	X-Wide Bow Connector Tube
2	1116118	X-Wide Bow - 8" Rise* - 103" to 168"
3	1117904	Galvanized Bow - 8" Rise* - 78" to 84"
	1116120	Galvanized Bow - 8" Rise* - 85" to 92"
	1100760	Galvanized Bow - 8" Rise* - 93" to 102"
4	1100695	Galvanized Bow Shank - 8" Rise*
5	1700400	Self-Tapping Screw - 3/8" x 1"
6	1700434	Lock Washer - 3/8"
7	1120836	Single Bow Bracket
8	1700407	Hex Nut - 3/8"
9	1701547	Galvanized Side Mount Latchplate - 8'
10	1105174	Square Key Tarp Tube - 2" x 8'
	1110328	Roll Tube - 2" x 8'
11	1107076	Roll Tube Swaged Connector
12	1701354	Plastic U-Clamp
13	1700398	Self-Drilling Screw - 1/4" x 3/4"

<sup>\*</sup>Bow rise is typically 2" greater than rise of cap. Other rises available.

## SHUR-LOK® JUNIOR Continued

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ITEM	PART#	DESCRIPTION
14	1700526	Wire Lock Pin - 3/8" x 2-1/2"
15	1105166	Square Crank Key
16	1700445	Spring Pin - 1/4" x 1-1/2"
17	1700527	Econo U-Joint
18	1107838	Square Crank Extension - 33"
19	1701118	Spring Pin - 1/4" x 1-3/16"
20	1100461	Offset Crank Arm
21	1700436	Lock Washer - 1/4"
22	1700408	Hex Nut - 1/4"
23	1700682	Box Hook - 5/16" Holes
24	1700381	Hex Head Cap Screw - 1/4" x 1"
25	1105172	Strap - 24"
	1107005	Strap - 48" (X-Tall Units)
26	1700650	Rubber Strap w/Hooks - 21"
27	1107077	Fixed Tube Swaged Connector
28	1701549	Fixed Tube - 1-1/8" x 8'
29	1700729	Protective Cap
30	1105163	Recessed Tarp Stop
31	1100574	Cable w/#5 Interlock Snap
32	1100040	J-Hook Crank Retainer
33	1100306	Retainer Bushing - 11/16"
34	1702996	Cap Screw - 1/2" x 1-1/4"
35	1100033	Crank Retainer Standoff - 7"
36	1118514	Ridge Strap w/Hook - 1" x 18'
37	1118509	Buckle Weldment
38	1700717	Eyebolt Anchor - 5/16"
39	1700411	Hex Nut - 5/16"
40	1700419	Nylon Lock Nut - 5/16"
		OPTIONS
	1116553	Universal Crank Retainer Support Kit**
	1100749	Aluminum Side Mount Latchplate - 4'
	1700802	Aluminum Side Mount Latchplate - 6'
	1700522	Aluminum Side Mount Latchplate - 8'



#### **ORDERS**

All orders are subject to written acceptance by Shur-Co®, LLC, PO Box 713, 2309 Shur-Lok Street, Yankton, South Dakota 57078-0713, USA. We are required by law to collect sales tax and F.E.T. taxes on products shipped to states where applicable. If tax exempt, a copy of your tax exempt certificate must accompany your order.

#### **EXPEDITE/CANCELLATION/CHANGE FEES**

In-stock parts orders placed by 10:00 a.m. (Central Time) normally ship the same day. (This varies with quantity/size of the order.) Standard lead time on tarps and hardware kits is generally five (5) to seven (7) working days; however, if you request that your order of tarps, hardware kits and/or complete tarp systems be expedited earlier than the normal lead time, there will be an extra charge of \$25. This fee is in addition to shipping and handling charges. Any change will generate an additional charge of \$25, and a cancellation will generate a 15 percent restocking fee. Lastly, once an order is in production, no changes can be made – the order is then considered final.

NOTE: We have no control over delivery dates - only ship dates.

#### **SHIPPING**

All orders are shipped F.O.B. from Shur-Co<sup>®</sup>, LLC, Yankton, SD; Stuart, FL; Fort Dodge, IA; Caldwell, ID; Decatur, IL; Lexington, MI; West Fargo, ND; Ravenna, OH; Brantford, Ontario, Canada; or Rochester, Kent, UK. No full freight will be allowed and no prepaid shipment accepted unless quoted and approved in writing prior to acceptance of order. All shipments are made by the most reasonable means in accordance with size and weight of order, unless specific routing instructions are furnished by customer. Shipments are made daily via U.P.S. and common carrier. Claims for shortages must be made within 10 days. Claims for damages or loss in transit must be made with the carrier. No collect calls will be accepted. To ensure delivery, we need your full street address and phone number. When you receive your shipment, examine it carefully. Be sure that all cartons listed on the delivery sheet are present and accounted for. Large items, like steel tubing, may be packaged separately. If a carton is damaged, open it and inspect contents before signing for delivery. If merchandise is damaged, describe the damage on the delivery receipt. Failure on your part to document damaged or missing merchandise on the delivery receipt releases carrier of liability; repair or replacement will be the customer's responsibility.

#### **CREDIT TERMS**

Shipments are made on a cash basis – no C.O.D.s. We accept American Express, Discover, VISA, MasterCard and checks by phone or mail. Prices subject to change without notice.

#### **WARRANTY**

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

#### WARRANTY Continued

Returns for warranty must be accompanied by a Return Merchandise Authorization number (RMA#), obtained by calling Customer Service at 866-748-7435, and sent, with freight paid by us, to Shur-Co®, LLC, 2309 Shur-Lok Street, PO Box 713, Yankton, SD 57078-0713, USA. Products returned without an RMA# will be refused. When we issue the RMA#, we will also issue a call tag to have UPS (or other freight company) pick up the product. C.O.D. warranty returns will not be accepted. We will pay no storage charges for a warranty product return prior to pickup by us or the freight company. If a warranty product return is scheduled to be picked up by us, we will do so at our earliest convenience.

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

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

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

\*Certain products have specific warranties that differ from this warranty, i.e. motors and electronics. Product-specific warranty documentation is available for these items. In the event of a conflict between this warranty and a product-specific warranty, the product-specific warranty will govern. SEE THE FULL LISTING OF SHUR-CO® PATENTS ON OUR WEBSITE: shurco.com/patents.

#### RETURN POLICY

All sales are final. See WARRANTY section at left and above for information on warranty returns.

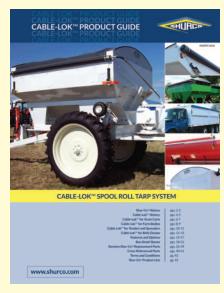
NOTE: No person is authorized to modify the foregoing conditions of sale whatsoever. All product listings, sizes, weights and manufacturing details in this catalog are subject to change without notice.

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# SHUR-CO'S COMPLETE LINE OF PRODUCTS



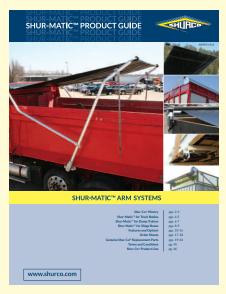
SHUR-LOK®/PBR ROLL TARPS



CABLE-LOK™ SPOOL ROLL TARPS



SMARTRAILER™ ELECTRICS



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**CABLE SYSTEMS** 



**ROLL-TARP SYSTEMS** 

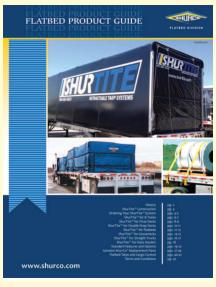
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To state that we have earned the respect of the industry is no small claim, but it becomes even more important when



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FAX: 605.665.0501

FAX. 003.003.0301

SHUR-CO® of FLORIDA 3353 SE Gran Park Way, Stuart

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FAX: 772.287.0431

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SHUR-CO® of ILLINOIS 3993 E. Mueller Ave., Decatur

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State Rt. 88 & 14, Ravenna

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