TRAIL FORTRESS

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Factor 55 10510 Installation Instructions

Internal Retaining Ring for XTV Mounts, Pack of 5

Part number: 10510

trailfortress.com/factor-55-internal-retaining-ring-qty-5-prolink-xtv-ultrahook-xtv-flatlink-xtv-10510

Scan for fitment, price and install help


FACTOR 55
MADE IN USA
CLOSED SYSTEM WINCHING
XTV PRODUCTS

FACTOR 55®

With a passion for precision engineering, stringent testing, smart design, and American manufacturing, Factor 55® leads the way in vehicle recovery rigging—including powersports. In fact, the patented XTV products are made specifically for the unique needs of ATVs and UTVs. With experience in defense and aerospace, our in-depth knowledge of the recovery process paired with our meticulous manufacturing knowhow ensure world-class, Closed System Winching® products and rigging accessories no matter what you ride or drive.



CLOSED SYSTEM WINCHING

THE EXPERT'S CHOICE FOR SECURE AND RELIABLE RIGGING

Closed System Winching is a technique that uses rigging comprised entirely of closed-link hardware. The result is the most secure and reliable winch rigging available.

In Closed System Winching, the traditional hook is upgraded to a patented Factor 55 ProLink®, FlatLink®, or UltraHook® winch line shackle mount. When combined with a shackle, you'll have an attachment that will contain loads even during momentary slack conditions where winch loads may shift. With Closed System Winching you get the extra security and confidence needed to tackle the most demanding winch recoveries.

PROLINK XTV

The original closed system winching shackle mount.

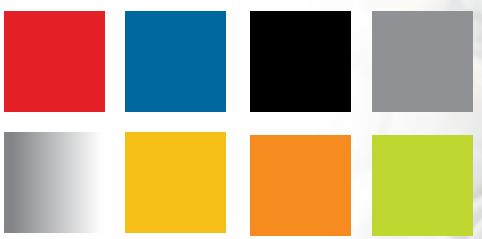
The ProLink XTV is a smaller version of our original ProLink shackle mount, and is made specifically for powersports vehicles. Used by search and rescue and military operations worldwide, ProLink XTV is easy to install and allows UTV and ATV winch owners the ability to replace the vehicle's winch hook with a stronger shackle/D-Ring. The ProLink XTV doesn't require splicing and is compatible with steel or synthetic ropes up to 5/16" in diameter. The cable eye is retained in the ProLink XTV by an ultra-strong aerospace-grade 7/16" diameter titanium double-shear pin and internal snap ring, and is easily installed in minutes. The EPDM rubber guards protects alloy fairleads and is securely attached to the ProLink XTV with four barbed tips and prevents rattling. Available in eight colors to match any ATV or UTV.

- Easy to install and can be used with steel or synthetic winch lines up to 5/16"
- The rope eye is retained in the ProLink XTV with a 7/16"-diameter grade 6Al-4V grade V titanium double-shear pin and internal snap ring for an ultra-secure connection
- EPDM rubber guards are attached with four barbed tips and protects fairleads and prevents rattling
- Can be used with 1/2" to 5/8" shackles and soft shackles up to 7/16"
- Intended for use with winches 6,000 lbs. in capacity or less

00110-01 PROLINK XTV WINCH SHACKLE MOUNT-- RED
00110-02 PROLINK XTV WINCH SHACKLE MOUNT -- BLUE
00110-04 PROLINK XTV WINCH SHACKLE MOUNT -- BLACK
00110-06 PROLINK XTV WINCH SHACKLE MOUNT -- GRAY
00110-05 PROLINK XTV WINCH SHACKLE MOUNT -- SILVER
00110-03 PROLINK XTV WINCH SHACKLE MOUNT -- YELLOW
00110-07 PROLINK XTV WINCH SHACKLE MOUNT -- ORANGE
00110-08 PROLINK XTV WINCH SHACKLE MOUNT -- GREEN



LIMITED EDITION COLOR OPTIONS



FLATLINK XTV

Closed system winching with a folding, low-profile design for better approach angles.

The FlatLink XTV allows UTV and ATV winch owners to replace the conventional winch hook with a stronger shackle/D-Ring. Flatlink XTV folds neatly into the fairlead when not in use, and allows for a better approach angle than ProLink XTV. Utilized by search and rescue and militaries across the globe, the FlatLink XTV doesn't require splicing and is compatible with steel or synthetic ropes up to 5/16" diameter. It attaches with a super-strong aerospace-grade double-shear titanium pin and snap ring, which is easily installed in minutes. The EPDM rubber guards protect alloy fairleads, prevents rattling, and is securely attached to the FlatLink XTV with four barbed tips. Available in eight colors to match your ATV/UTV.



- Easy to install, FlatLink XTV can be used with steel or synthetic winch lines up to 5/16"
- The rope eye is retained in the FlatLink XTV with a 7/16" diameter 6AI-4V grade V titanium double-shear pin and internal snap ring for an ultra-secure connection
- EPDM rubber guards are attached with four barbed tips and protects fairleads and prevents rattling
- Works with common ½" and 5/8" shackles (pin and bow end), soft shackles up to 7/16", and the pin-end of ¾" shackles
- Weight: 12.7 oz.
- Intended for use with winches 6,000 lbs. in capacity or less

MADE IN USA

00070-01 FLATLINK XTV WINCH SHACKLE MOUNT -- RED
00070-02 FLATLINK XTV WINCH SHACKLE MOUNT -- BLUE
00070-04 FLATLINK XTV WINCH SHACKLE MOUNT -- BLACK
00070-05 FLATLINK XTV WINCH SHACKLE MOUNT -- SILVER
00070-06 FLATLINK XTV WINCH SHACKLE MOUNT -- GRAY
00070-03 FLATLINK XTV WINCH SHACKLE MOUNT -- YELLOW
00070-07 FLATLINK XTV WINCH SHACKLE MOUNT -- ORANGE
00070-08 FLATLINK XTV WINCH SHACKLE MOUNT -- GREEN



LIMITED EDITION COLOR OPTIONS



ULTRAHOOK XTV

The functionality of a hook with the benefits of closed system winching.

Originally developed to meet the needs of off-road racers who wanted the speed of a hook and functionality of closed system winching, the low-profile UltraHook XTV features an industry-first closed system shackle mount hole machined into the body of the hook, and installs in minutes. A latch pin, which is stored in the hook's body, can lock the safety latch securely into place for a true Closed Loop System™. Integrated finger grips promote proper "Hook Up" orientation. UltraHook XTV is the first powersports winch hook that can be stored neatly against your UTV/ATV winch's fairlead protecting it from a metal to metal connection, thanks to EPDM rubber pads, which also eliminate the UltraHook XTV from rattling. With eight colors to choose from, you can also match your UltraHook to your ATV or UTV.



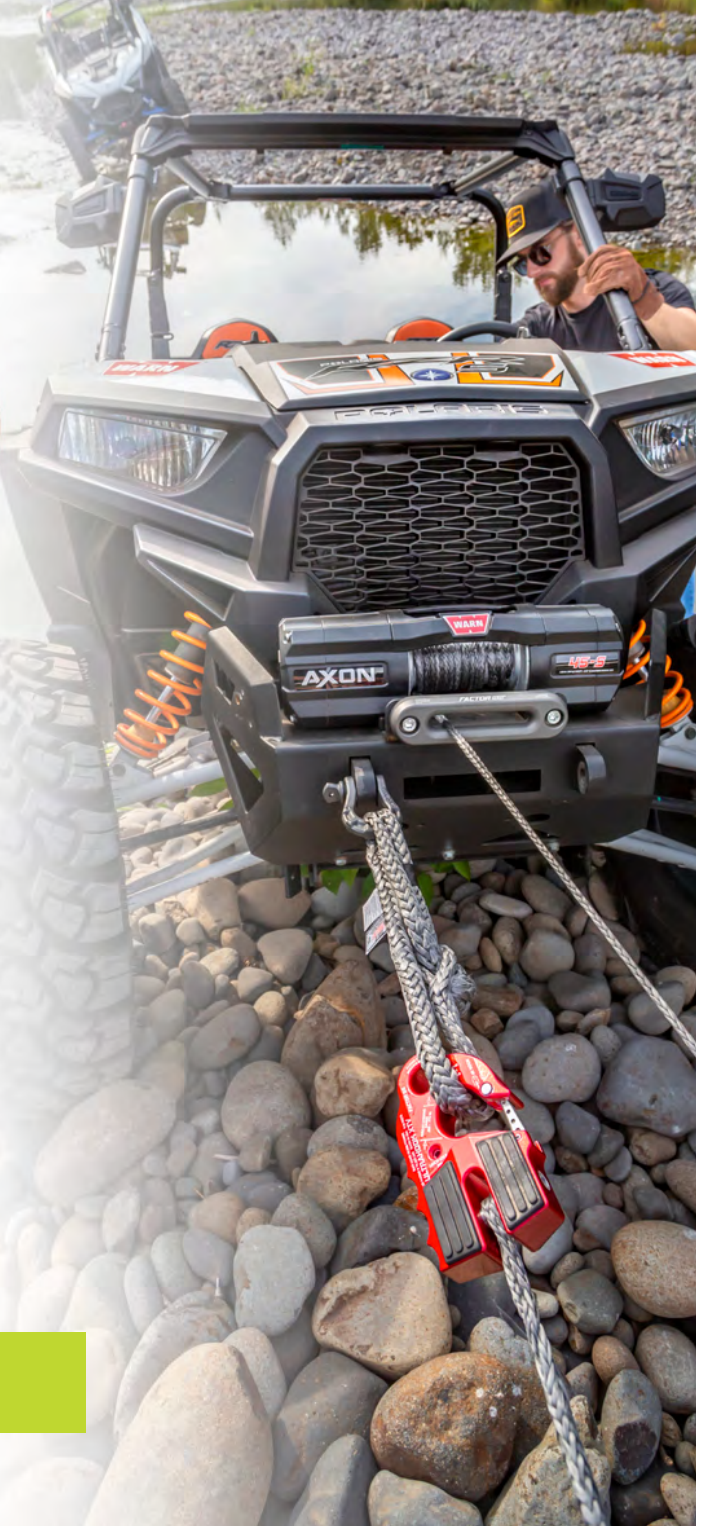
MADE IN USA

- Easy-to-install shackle mount with a hole machined into the hook's body. Shackle pin mounting hole accepts screw pins from common 1/2" and 5/8", and soft shackles up to 7/16"
- Safety latch with integrated latch lock pin allows for true closed system winching
- Includes 7/16" diameter aerospace-grade 6Al-4V grade V titanium double-shear pin
- EPDM rubber pads for fairlead protection, and a finger grip feature that promotes proper "Hook Up" orientation; also prevents rattling
- Can be used with line diameters up to 5/16"
- Intended for use with winches 6,000 lbs. in capacity or less

00275-01 ULTRAHOOK XTV -- RED
00275-06 ULTRAHOOK XTV -- GRAY
00275-02 ULTRAHOOK XTV -- BLUE
00275-03 ULTRAHOOK XTV -- YELLOW
00275-05 ULTRAHOOK XTV -- SILVER
00275-07 ULTRAHOOK XTV -- ORANGE
00275-08 ULTRAHOOK XTV -- GREEN

LIMITED EDITION COLOR OPTIONS





RRP XTV (ROPE RETENTION PULLEY)

Revolutionary friction pulley is a game changer for the powersports world

A lightweight and compact alternative to traditional heavy snatch blocks/pulleys, the RRP XTV can be used to increase pulling power or redirect the winch line. The RRP XTV is for use with synthetic rope only and is to be used in conjunction with a soft shackle. During momentary slack, the rope retention rubber fingers prevent the winch rope from escaping the pulley groove. The oversized hole radius provides a smooth surface and keeps the soft shackle from rubbing on the edges of the RRP XTV. The friction surface has been treated with Teflon to increase slickness and heat dissipation.

- Patented, compact, lightweight device is a great alternative clunky snatch blocks
- Can be used with a winch's synthetic rope to increase pulling power and change direction, and is used in conjunction with a soft shackle
- Patented rubber fingers help retain the rope from exiting the pulley groves, preventing premature rope failure
- Oversized hole radius provides a smooth surface, and keeps the soft shackle's legs from rubbing on the ring's edges
- Friction surface is treated with Teflon for decreased friction and heat dissipation
- For use with 3/16"–1/4" synthetic rope
- Made from billet-machined 6000-series aluminum with a Mil-A-8625 F hard-anodized surface
- The RRP showcases a 12,000 lb. working load limit and weighs just 8.1 oz

00261 ROPE RETENTION PULLEY XTV (RRP XTV)
00265 ROPE RETENTION PULLEY XTV (RRP XTV)
+ SOFT SHACKLE COMBO



ROPE GUARD

Rope Guard provides complete synthetic rope protection from UV, impact, and abrasion.

For hardcore off-roaders and off-road trainers, the Rope Guard provides complete synthetic rope protection from damaging UV light as well as impact and abrasion damage. When using the Rope Guard, all exposed synthetic rope surfaces are positioned behind the guard and fairlead, allowing you to use the Rope Guard as a skid surface when attempting to climb tall vertical obstacles.

- Covers the area where synthetic rope attaches to the FlatLink XTV/UltraHook XTV
- Metal plate made from Kaiser billet 6000-series aluminum
- Clear coated for maximum corrosion resistance
- Easy DIY installation is done in minutes using the for supplied drive rivets
- Sold separately from UltraHook XTV and FlatLink XTV

00382 ULTRAHOOK XTV ROPE GUARD
00383 FLATLINK XTV ROPE GUARD

MADE IN USA







TREE SAVER STRAP

A versatile way to attach rigging to trees or vehicles.

The Tree Saver Strap is designed to serve as a link to attach to trees or vehicles, and are constructed of ultra-low stretch (low energy storage) polyester. Applications vary from easily attaching to vehicles without recovery points, to attaching to the closest recovery point or tree. The strap's flat shape prevents it from rolling and twisting when attached to tubular shapes like bumper stingers, steering components, and nerf bars. The strap is the perfect length to wrap around a tree and still retain the necessary webbing overlap and stitch count for the rated loads. The strap's overall length is 8 feet, and this is reduced to 4 feet when used in the common basket configuration.



MADE IN USA

- The strap's eyelets and webbing seams feature durable reinforcement for additional wear protection
- Inherent flat shape resists rolling and twisting
- Designed not to store energy from stretch
- Measures 8' x 3" and weights just 3.8 lbs.
- Working load limits are clearly labeled for straight, basket, and choker configurations

00077 TREE SAVER STRAP

SHORTY STRAPS

These versatile short straps are constructed from low-stretch polyester and can be used for a host of purposes.

MADE IN USA



The Shorty Straps are designed to serve as a versatile short soft link to attach to vehicles and are constructed of an ultra-low stretch (low energy storage) polyester. Applications include attaching to vehicles without recovery points, to using your winch and Shorty Strap to field repair/straighten bent steering components. The strap's flat shape prevents it from rolling and twisting when attached to tubular shapes. The strap is designed to be as short as possible but still retain the necessary webbing overlap and stitch count for the rated loads. The Shorty Strap's overall length is 3' making it easy to store and simpler to use than a long strap, and this short length is reduced to only 1.5' long when used in the common basket configuration.

- Great for attaching to vehicles that are not equipped with recovery points, to field repairs, such as straightening bent steering components, such as tie rods
- Flat shape prohibits twisting or rolling, even when attached to tubular surfaces
- Designed to be as short as possible but still retain the necessary webbing overlap and stitch count necessary for the rated loads
- Durable Cordura abrasion guard reinforces eyes and seams
- Overall length is just 3', and this is reduced to 1.5' when using in the basket configuration
- Available in 2" and 3" widths. Working load limits are clearly labeled for straight, basket, and choker configurations
- Shorty II weight: 1 lb., 1 oz.; Shorty III weight: 1 lb. 8 oz.

00078 SHORTY STRAP II (3FT X 2IN)
00079 SHORTY STRAP III (3FT X 3IN)

EXTREME DUTY SOFT SHACKLES

All the features of the standard soft shackles, but with increased durability.

Extreme Duty Soft Shackles are constructed of HMPE Plasma rope with additional abrasion and UV protection thanks to a woven polyester jacket that's whipped and coated with Fiber Lock. The protective jacket is attached close to the knot, providing as much abrasion protection as possible. These Extreme Duty Soft Shackles provide 25%–30% more verified breaking strength compared to common standard soft shackles. The longer 20" version functions as a soft shackle but can be double looped resulting in breaking strengths exceeding 70,000 lbs. These 10" and 20" Extreme Duty Soft Shackles are made in the USA under the uncompromised Factor 55 quality standards, and have been lab and field tested to assure consistent minimum breaking strength values.



- Provides 25%–30% more verified breaking strength vs. common soft shackles
- Constructed from ultra-durable HMPE plasma rope with additional abrasion and UV protection with a woven polyester jacket
- Jacket is carefully whipped and coated with Fiber Lock for maximum durability
- 20" version can be double-looped resulting in a breaking strength that exceeds 70,000 lbs.
- 8,700 lb. working load limit and 43,500 minimum breaking strength
- 10" Extreme Duty Shackle weighs just 6.5 oz; the 20" shackle 10.5 oz.

00066 EXTREME DUTY SOFT SHACKLE 3/8"x10"
00067 EXTREME DUTY SOFT SHACKLE 3/8"x20"

STANDARD DUTY SOFT SHACKLE

Premium, lightweight, American-made soft shackles are excellent replacements for traditional steel screw-pin shackles.

Soft shackles may be used as a lightweight replacement for common steel screw pin shackles. Made in the USA, these items have been lab and field-tested to assure consistent repeatable minimum breaking strength values, and stand up to Factor 55's uncompromising standards. Each Standard Duty Soft Shackle is constructed of 7/16"-diameter UHMWPE 12 strand rope. The WLL and minimum breaking strengths are clearly marked. Each individual soft shackle is serialized for manufacturing date and material lot traceability.

- Extensively lab- and field-tested for quality and durability and meet the company's rigorous standards
- Constructed from 7/16" UHMWPE 12-strand rope
- All WLL and breaking strengths are clearly marked
- 7,800 working load limit and 39,000 lb. minimum breaking s trength, 7,800 lb.
- Weighs 6.3 oz.
- Individually serialized

00069 STANDARD DUTY SOFT SHACKLE 7/16"X10"



MADE IN USA



MADE IN USA

EXTREME DUTY KINETIC ENERGY ROPE

Elastic non-winch recovery rope—ideal for snow, sand, or mud extraction

Factor 55's 5/8" x 20" Extreme Duty Kinetic Energy Rope is for non-winch recovery. To use, rig it to the stuck vehicle, then rig to a recovery vehicle. As the recovery vehicle begins moving, it transfers kinetic energy through the rope creating a slingshot effect, yanking the stuck vehicle out. This is great for use in sand, snow, or mud extractions. Coated with a flexible, durable, weather-resistant polymeric coating. The rubberized rope eyes further increase durability at the rope's wear points. Rated at 14,800 lb. MBS, this product is designed for use on increasingly popular UTV/ATV machines. While smaller than some of the other Kinetic Ropes Factor 55 offers, the 5/8" x 20" rope still packs a lot of performance in a compact package.

- Up to 30% kinetic energy-storing stretch ensures maximum recovery performance
- Polymeric coating for abrasion and UV light protection as well as moisture absorption prevention. Sealed Against Stain and Water Absorption
- Double Braid Nylon Construction for excellent strength; flexible and weather-resistant
- Rubberized rope eyes increase durability at rope's wear points
- 5/8" x 20" Length
- 14,800 lb. minimum breaking strength; weighs just 2 lbs., 10 oz.
- Individually serialized for material lot traceability

00563 EXTREME DUTY KINETIC ENERGY ROPE 5/8"x20'

ST. ANTHONY RECOVERY KIT

Kinetic recovery kit specifically for the needs of UTVs.

This kit was born from experience in the iconic St. Anthony Sand Dunes, where vehicle recovery is a regular thing. Focused on non-winch kinetic recovery, this kit is intended for use with powersports vehicles, such as UTVs. All of the parts are made in the USA and all have the necessary WLL and breaking strengths clearly marked. Excellent for use not only in sand, but also in snow or mud—no winch needed.



Kit includes:

- 2 Standard Duty 10" Soft Shackles
- 1 Medium Factor 55 Recovery Gear Bag
- 1 5/8" Kinetic Rope
- 1 Basic Guide to Kinetic Recovery
- 2 Individual Strap Wraps

00492 St. Anthony Kit

HEMINGWAY RECOVERY KIT

Our most full-featured UTV recovery kit yet

The Hemingway recovery gear kit is our largest UTV-specific kit. It has everything needed for UTV recovery all in one package, with everything coming from the USA.

Kit includes:

- 1 5/8" Crosby Shackles, Red
- 1 Extreme Duty 10" Soft Shackle
- 1 Standard Duty 10" Soft Shackle
- 1 Tree Saver
- 1 HitchLink 2.0
- 1 Standard Duty Tow Strap
- 1 5/8 Kinetic Rope
- 1 Factor 55 Recovery Bag
- 1 RRP XTV
- 1 Basic Guide to Winching
- 4 Individual Strap Wraps

00494 Hemingway Kit





XTV HAWSE FAIRLEADS

Extend the life of your synthetic rope using the best fairleads on the powersports market.

Factor 55's XTV Hawse Fairleads are exceptionally durable and help extend the life of your synthetic rope. They're CNC machined from 1"-thick USA 6000 series aluminum bar—twice as thick as the industry standard. The extra-thick aluminum bar design gives a larger radius for synthetic rope to slide against, which means less wear and tear on the rope resulting in a longer service life. These fairleads wear a super-durable MIL-A-8625F TYPE III gunmetal gray hard-anodized finish with a laser engraved logo. This finish is, hands down, the best choice for a hawse fairlead. The finish leaves a .002"-thick Al2O3 ceramic coating that is in the top-five hardest materials known to mankind (not far away from diamond hardness). Available in common 4.875" and 6" mounting bolt spacing.



- CNC-machined from 1"-thick USA 6000 series aluminum bar with large radius opening for less rope wear
- Wears a super-durable, state-of-the-art MIL-A-8625F TYPE III gunmetal gray hard-anodized finish is the best choice for a fairlead finish. One of hardest materials on earth—perfect for use with synthetic winch line
- Overall dimension of 4.875": 6.25" x 1.95"; overall dimension of 6": 7.4" x 1.95"
- For synthetic rope only
- Hardware not included

MADE IN USA

00023 HAWSE XTV FAIRLEAD 6"
00024 HAWSE XTV FAIRLEAD 4.875"

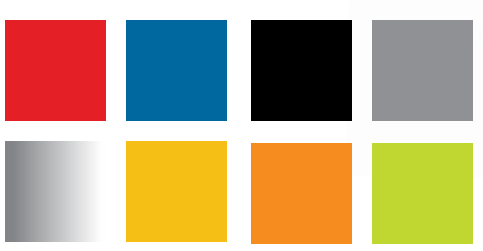
HITCHLINK 2.0 AND HITCHLINK PRO 2.0 RECEIVER SHACKLE MOUNTS

Turns any 2” receiver into a recovery point.

Made from lightweight, super-strong CNC-machined 6000 series aluminum, the HitchLink 2.0 and HitchLink Pro 2.0 let you utilize your UTV’s 2-inch receiver as a recovery/tow point. Simply slide this shackle mount into the receiver’s opening and secure with a hitch pin (not included). Both versions will accommodate common 3/4” screw pin shackles as well as soft shackles up to 1/2”. HitchLink Pro 2.0 takes this concept to another level by having a larger radiused hole that’s more forgiving to soft shackles, thus extending their service life. HitchLink Pro 2.0 is also cross-drilled, meaning the product can be used in any 90-degree orientation in the receiver. Both versions are rated at 9,500 lbs. and are anodized or powder coated depending on the finish.

- Lets you use your receiver as a recovery or tow point and weighs as little as 1.9 lbs.
- Can be used with screw pin shackles up to ¾” or soft shackles up to ½”
- Made of lightweight, precision CNC-machined 6000-series aluminum
- Fits 2” x 2” receivers and uses common hitch pin diameters
- HitchLink 2.0 is available in a variety of colors. HitchLink Pro 2.0 wears durable hard-anodized gray finish
- Rated at 9,500 lbs. with ultimate failure at 51,000 lbs.

00020-01 HITCHLINK 2.0 -- RED
00020-02 HITCHLINK 2.0 -- BLUE
00020-04 HITCHLINK 2.0 -- BLACK
00020-05 HITCHLINK 2.0 -- SILVER
00020-06 HITCHLINK 2.0 -- GRAY
00020-03 HITCHLINK 2.0 -- YELLOW
00020-07 HITCHLINK 2.0 -- ORANGE
00020-08 HITCHLINK 2.0 -- GREEN
00029 HITCHLINK PRO 2.0 -- GRAY



HITCHLINK IS AVAILABLE IN THESE LIMITED EDITION COLOR OPTIONS

MADE IN USA



HitchLink Pro



HitchLink