TRAIL FORTRESS

BUILT FOR THE TRAIL. CHECKED FOR YOUR TRUCK.

Factor 55 00090-06 Installation Instructions

FlatLink XXL Winch Shackle Mount, Gray

Part number: 00090-06

trailfortress.com/factor-55-flatlink-xxl-winch-shackle-mount-gray-00090-06

Scan for fitment, price and install help

ULTIMATE RECOVERY BAGS

Premium bags designed to hold gear in one accessible place

- Spacious interior holds a variety of rigging gear including straps, shackles, snatch blocks, and more
- Made from 1200 denier tan or black Cordura with reinforced bottom for exceptional durability
- Durable heavy-duty zippers for long service life
- 1000 denier blaze red interior
- Folds flat for easy access to all interior pockets and components
- 1200d ballistic Cordura Bag, 1500d ballistic Cordura Bottom, 1000d Cordura interior
- Heavy Duty YKK Zippers, each knotted with 550 Paracord
- MILSPEC 2-in Polypropylene Webbing, aka Riggers' Webbing (XL)
- MILSPEC high-tensile nylon thread and binding tape
- Water-Resistant. Taped seams with heavy-duty nylon binding tape and bar tacks
- Heavy-duty powder-coated steel rings for a shoulder strap (sold separately)

MEDIUM RECOVERY GEAR BAG

- 18 in. Long x 11 in. high x 9 in. wide (approx.)
- Additional MOLLE outside and additional pockets inside; extra exterior Velcro for patches

00482 MED BAG (TAN)
00486 MED BAG (BLACK)

MADE IN USA

Available in black or tan



LARGE RECOVERY GEAR BAG

- 21 in. Long x 14 in. high x 12 in. wide (approx.)

00483 LAR BAG (TAN)
00487 LAR BAG (BLACK)

MADE IN USA

Available in black or tan



FACTOR 55

Learn more at FACTOR55.com

MADE IN USA

FACTOR 55

CLOSED SYSTEM WINCHING®

TRUCK/SUV AND INDUSTRIAL PRODUCTS

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.

CONTENTS

Winch Shackle Mounts..... 2-9
Rope Management and Protection 10-13
Recovery Rigging 14-25
Accessory Kits 26-29
Bags ..... Back Cover

FACTOR 55®

With a passion for precision engineering, stringent testing, smart design, and American manufacturing, Factor 55© leads the way in vehicle recovery rigging. 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.

MADE IN USA

WINCH SHACKLE MOUNTS

Upgrade the standard winch hook with a replacement that enhances reliability, performance, and provides closed system winching. Choices include various versions of the ProLink, FlatLink, UltraHook, and more for just about any truck, Jeep, or SUV.

trailfortress.com/factor-55-flatlink-xxl-winch-shackle-mount-gray-00090-06



PROLINK FAMILY OF WINCH SHACKLE MOUNTS

Eliminates the conventional winch hook and provides a precision shackle mounting hole with a thick and durable mounting tab

The ProLink is Factor 55's original shackle mount. Trusted and used by first responders worldwide, ProLink is easy to install and allows winch owners the ability to replace the vehicle's winch hook with a stronger shackle/D-Ring mount. Engineered and machined in the USA from lightweight billet 6061 aluminum, ProLink doesn't require splicing and is compatible with steel or synthetic ropes and both hawse and roller fairleads. The cable eye is retained in the ProLink by an ultra-strong aerospace-grade 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 with four barbed tips and prevents rattling. Available in eight colors to match any Jeep, SUV or truck.

- 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
- EPDM Rubber Guard protects alloy fairleads and cushions line stowage
- Precision machined from 6000 series aluminum
- Engineered, Tested, and Made in USA. Patent pending

LIMITED EDITION COLOR OPTIONS





PROLINK

- Works with lines up to 3/8" diameter
- The rope eye is retained in the ProLink with a 5/8"-diameter grade 6AI-4V grade V
- Max load rating: 16,000 lbs.
- Weight: 24 oz

00015-01 PROLINK -- RED
00015-02 PROLINK -- BLUE
00015-03 PROLINK -- YELLOW
00015-04 PROLINK -- BLACK
00015-05 PROLINK -- SILVER
00015-06 PROLINK -- GRAY
00015-07 PROLINK -- ORANGE
00015-08 PROLINK -- GREEN



PROLINK XXL

- Larger size for large overland and military-style vehicles
- Works with lines up to 1/2"
- The rope eye is retained in the ProLink with a 3/4"-diameter grade 6AI-4V grade V
- Works with 7/8" shackles and ¾" shackles
- Max load rating: 24,000 lbs. • Weight: 40 oz

00210-01 PROLINK XXL -- RED
00210-02 PROLINK XXL -- BLUE
00210-03 PROLINK XXL -- YELLOW
00210-04 PROLINK XXL -- BLACK
00210-05 PROLINK XXL -- SILVER
00210-06 PROLINK XXL -- GRAY
00210-07 PROLINK XXL -- ORANGE
00210-08 PROLINK XXL -- GREEN





MADE IN USA

PROLINK BRIDLE

- Three individual shackle mounting holes allow the winch operator to mount fixed-length bridle links to the outside positioned holes for common bridle towing and single centered shackle mounting point for a conventional single shackle recovery point
- Commercial product designed primarily for the towing industry
- Prevents dangerous shackle side loading conditions
- Working Load Limit: 16,000 lbs.
- Weight: 38.4 oz

00220-03 PROLINK BRIDLE -- YELLOW
00220-06 PROLINK -- GRAY

PROLINK E

- Unique shape offers increased versatility allowing for increased rigging options
- Connects to either the pin or bow end of common ¾" screw pin shackles
- Connects to the pin ends of 7/8" and 1" screw pin shackles
- Fits over most OEM tow hooks
- Maximum load: 16,000 lbs.
- Weight: 32 oz

00310-01 PROLINK E -- RED
00310-02 PROLINK E -- BLUE
00310-03 PROLINK E -- YELLOW
00310-04 PROLINK E -- BLACK
00310-05 PROLINK E -- SILVER
00310-06 PROLINK E -- GRAY
00310-07 PROLINK E -- ORANGE



SPLICER

- The world's first splice-on synthetic rope shackle mounting thimble with rope protection and integrated rubber pad
- Splice-on shackle mount protects rope from all angles
- Works with synthetic rope up to ½" diameter
- Precision CNC machined 6000 series Military Grade Aluminum
- Integrated EPDM rubber pad for fairlead protection
- Connects to both the pin and bow end of common ¾" screw pin shackles
- Connects to the pin ends of 7/8" and 1" screw pin shackles
- Requires rope splicing knowledge
- Made in the USA and patent pending
- Weight: 25 oz

00352-01 THE SPLICER - RED
00352-02 THE SPLICER - BLUE
00352-03 THE SPLICER - YELLOW
00352-04 THE SPLICER - BLACK
00352-05 THE SPLICER - SLIVER
00352-06 THE SPLICER - GRAY
00352-07 THE SPLICER - ORANGE
00352-08 THE SPLICER - GREEN

trailfortress.com/factor-55-flatlink-xxl-winch-shackle-mount-gray-00090-06



FLATLINK FAMILY OF WINCH SHACKLE MOUNTS

Replaces the conventional winch hook with a stronger shackle/D-Ring mount, and folds neatly into the fairlead when not in use.

FlatLink is Factor 55's original folding winch shackle bracket. Features include a precision shackle mounting hole and a folding design giving you a lower profile, and allowing for a better approach angle than ProLink. FlatLink doesn't require splicing and is compatible with steel or synthetic ropes. 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 with four barbed tips. Available in eight colors to match your style.

- 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
- EPDM Rubber Guard protects alloy fairleads and cushions line stowage
- Precision machined from 6000 series aluminum
- Engineered, Tested, and Made in USA. Patent pending

LIMITED EDITION COLOR OPTIONS





FLATLINK

- Easy to install, FlatLink can be used with steel or synthetic winch lines up to 3/8" in diameter
- The rope eye is retained in the FlatLink with a 5/8" diameter 6AI-4V grade V titanium
- Works with common 3/4" shackles (pin and bow end), soft shackles up to 3/4"
- Less than 1.75" of thick, when folded flat
- Max load rating: 16,000 pounds
- Weight: 23 oz.

00050-01 FLATLINK -- RED
00050-02 FLATLINK -- BLUE
00050-03 FLATLINK -- YELLOW
00050-04 FLATLINK -- BLACK
00050-05 FLATLINK -- SILVER
00050-06 FLATLINK -- GRAY
00050-07 FLATLINK -- ORANGE
00050-08 FLATLINK -- GREEN



FLATLINK XXL

- Compatible with wire rope diameters of up to 3/4" and synthetic rope tube thimbles up to 5/8" in diameter.
- Fits shackle pin diameters of 1 1/8"
- 7/8" diameter titanium double shear pin
- 3" thick when folded flat
- Maximum Load: 26,000 lbs.
- Weight: 51 oz

00090-06 FLATLINK XXL -- GRAY



FLATLINK MULTIMOUNT

- Designed for difficult off-camber vehicle recovery scenarios where two different winch pull directions are often necessary
- Two additional shackle pin mounting holes provide secure shackle attach points for multiple winch pull directions, while the center hole provides a secure conventional center pull shackle mount point
- This arrangement eliminates any shackle side loading forces at the MultiMount interface (shackles are free to rotate and align to the load directions)
- 2" thick when folded flat
- Max load: 16,000 lbs.
- Weight: 32 oz

00225-01 FLATLINK MULTIMOUNT -- RED
00225-03 FLATLINK MULTIMOUNT -- YELLOW
00225-06 FLATLINK MULTIMOUNT -- GRAY
00225-07 FLATLINK MULTIMOUNT -- ORANGE
00225-08 FLATLINK MULTIMOUNT -- GREEN



FLATLINK E

- Large pear-shaped shackle mounting hole allows for attachment to either the pin or bow end of common screw pin shackles, as well as common OEM recovery points.
- Easy to install, FlatLink can be used with steel or synthetic winch lines up to 3/8" in diameter
- The rope eye is retained in the FlatLink with a 5/8" diameter 6AI-4V grade V titanium
- Works with common 3/4" shackles (pin and bow end), soft shackles up to 3/4"
- Less than 1.75" of thick, when folded flat
- Maximum Load: 16,000 lbs.
- Weight: 26 oz.

00080-01 FLATLINK E - RED
00080-02 FLATLINK E - BLUE
00080-03 FLATLINK E - YELLOW
00080-04 FLATLINK E - BLACK
00080-05 FLATLINK E - SILVER
00080-06 FLATLINK E - GRAY
00080-07 FLATLINK E - ORANGE
00080-08 FLATLINK E - GREEN





FLAT SPLICER

- Low-profile design allows for a better approach angle than The Splicer
- Flat design helps to further protect rope from UV
- Folds flat at 1.75"
- Splice-on shackle mount protects rope from all angles
- Works with synthetic rope up to ½" diameter
- Precision CNC machined 6000 series Military Grade Aluminum
- Integrated EPDM rubber pad for fairlead protection
- Connects to both the pin and bow end of common ¾" screw pin shackles
- Connects to the pin ends of 7/8" and 1" screw pin shackles
- Requires rope splicing knowledge
- Made in the USA and patent pending
- Weight: 20 oz

00375-01 FLAT SPLICER -- RED
00375-02 FLAT SPLICER -- BLUE
00375-03 FLAT SPLICER -- YELLOW
00375-04 FLAT SPLICER -- BLACK
00375-05 FLAT SPLICER -- SILVER
00375-06 FLAT SPLICER -- GRAY
00375-07 FLAT SPLICER -- ORANGE
00375-08 FLAT SPLICER -- GREEN

trailfortress.com/factor-55-flatlink-xxl-winch-shackle-mount-gray-00090-06







LIMITED EDITION COLOR OPTIONS

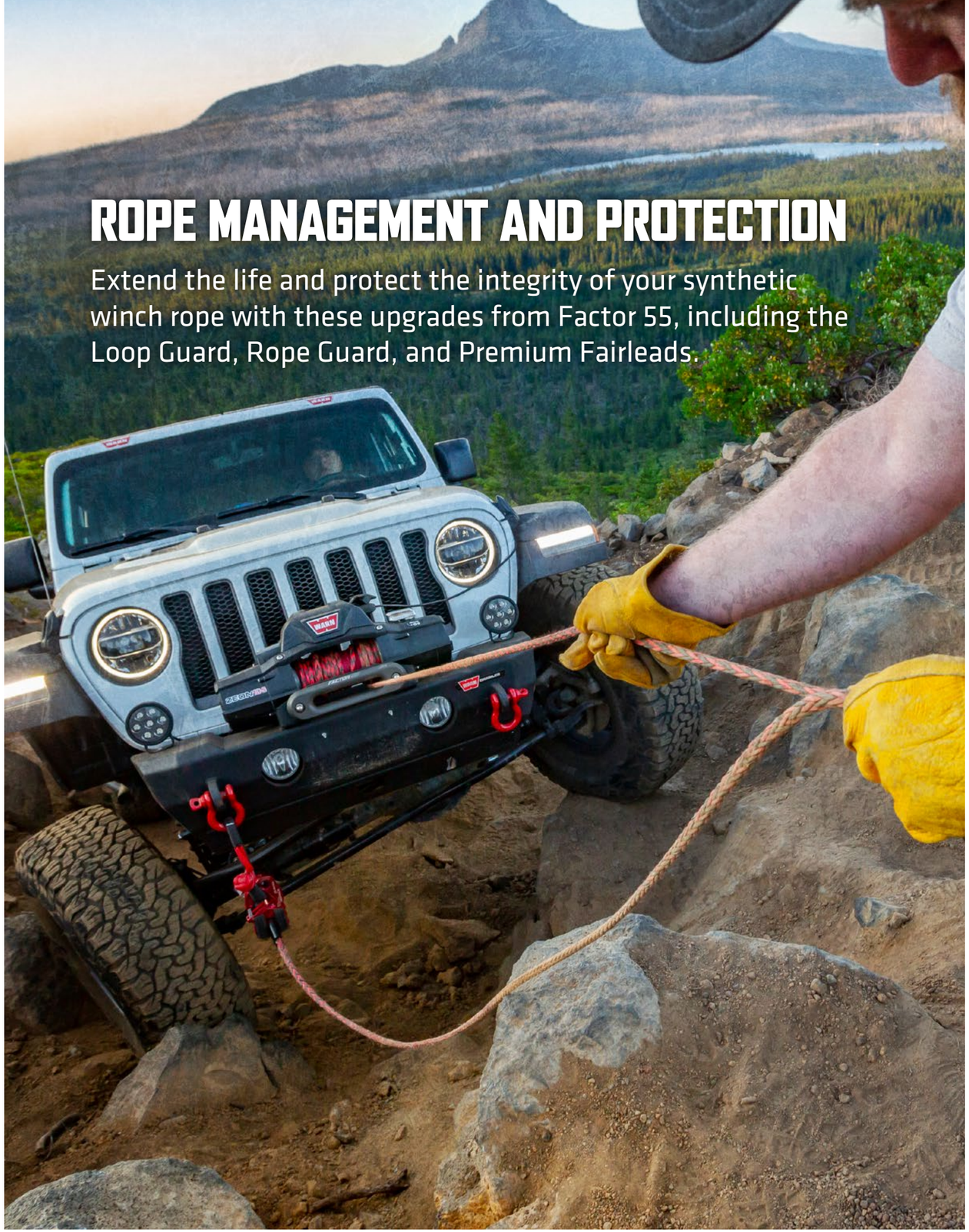
ULTRAHOOK WINCH SHACKLE MOUNTS

All the benefits of closed-system winching with the versatility of having a hook.

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 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 is the first winch hook that can be stored neatly against a winch's fairlead protecting it from a metal-to-metal connection, thanks to EPDM rubber pads, which also eliminate the UltraHook from rattling.

- Easy-to-install shackle mount with a hole machined into the hook's body. Shackle pin mounting hole accepts screw pins from common ¾" and soft shackles up to 1/2"
- Safety latch with integrated latch lock pin allows for true closed system winching
- Includes 5/" 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 3/8"
- 3" thick when folded flat
- Maximum Load: 16,000 lbs.
- Weight: 32 oz
- Engineered, Tested, and Made in USA. Patent pending

00250-01 ULTRAHOOK -- RED
00250-02 ULTRAHOOK -- BLUE
00250-03 ULTRAHOOK -- YELLOW
00250-04 ULTRAHOOK -- BLACK
00250-05 ULTRAHOOK -- SILVER
00250-06 ULTRAHOOK -- GRAY
00250-07 ULTRAHOOK -- ORANGE
00250-08 ULTRAHOOK -- GREEN



ROPE MANAGEMENT AND PROTECTION

Extend the life and protect the integrity of your synthetic winch rope with these upgrades from Factor 55, including the Loop Guard, Rope Guard, and Premium Fairleads.

HAWSE FAIRLEADS

Ultra-hard coating resists abrasion and damage from extreme side pulls.

Factor 55 Hawse Fairleads are the best in the business. They're CNC machined from thick USA 6000-series aluminum bar and thicker than the industry-standard 0.75" size to extend rope life. Additionally, the slot opening is taller to allow larger ½" tube thimbles to pass through. All Factor 55 Fairleads are coated with a durable MIL-A-8625F TYPE III gunmetal gray hard-anodized finish with a laser-engraved logo. That finish is not a cosmetic thing. The hard coating resists abrasion, damage from extreme side pulls, and is one of the top-five hardest materials known to exist. Plus the low friction coefficient means less wear and tear on your rope.

- CNC machined construction from 6000-series aluminum bar
- 1.0" and 1.5" thicknesses are bigger than the industry-average 0.75" for less wear on rope
- Large-radius opening provides longer service life for synthetic rope
- Tall opening lets tube thimbles of up to ½" pass through
- Durable MIL-A-8625F TYPE III gunmetal hard anodized finish is exceptionally hard; provides low friction coefficient to extent rope life
- For synthetic rope only
- Mounting hardware not included
- Made in the USA



FAIRLEAD 1.0

- 1.0" thickness
- Overall Dimension: 12.35" x 3.25"

00016 FAIRLEAD 1.0 – GRAY



FAIRLEAD 1.5

- 1.5" thickness
- Overall Dimension: 12.35" x 3.25"

00019 FAIRLEAD 1.5 – GRAY

MADE IN USA



OFFSET FAIRLEAD

- Specifically for applications with offset openings, such as some ARB-style bumpers
- 1.5" thickness
- Overall Dimension: 11.75" x 3.4"

00026 OFFSET FAIRLEAD – GRAY



SHORT DRUM COMP FAIRLEAD

- Specifically designed for short-drum winches, such as the WARN 9.0Rc
- 1.0" thick
- Ultra lightweight from having maximum material removed, yet still extremely rigid and strong

00017 SHORT DRUM COMP FAIRLEAD – GRAY

trailfortress.com/factor-55-flatlink-xxl-winch-shackle-mount-gray-00090-06



ROPE GUARDS

Allows complete synthetic rope protection from damaging UV light, abrasion, and impact

- Can be used as a skid surface while attempting tall climbs, vertical obstacles
- Made from Kaiser billet 6000 series aluminum and clear anodized for corrosion resistance
- Easy DIY installation with four rivets
- Available for FlatLink, FlatLink E, Flat Splicer, and FlatLink MultiMount; FlatLink XXL; and UltraHook
- Made in the USA

00380 FLATLINK ROPE GUARD
00384 FLATLINK XXL ROPE GUARD
00381 ULTRAHOOK ROPE GUARD

FlatLink XXL Rope Guard





FlatLink Rope Guard



UltraHook Rope Guard

LOOP GUARDS

Protective guard for steel and synthetic winch rope eyes/loops

- Quick-release zinc-plated pin for easy loop access
- Provides rope tension when cinched against fairleads
- Protects loops from impact, abrasion, and damaging UV light
- Billet aluminum construction for impact durability
- Integral rubber guard for fairlead cushion and surface protection
- Finished in a durable Mil-Spec hard gray anodized coating
- Three sizes to accommodate rope/cable diameters up to 5/8"
- Made In The USA





00450-02 STANDARD LOOP GUARD – RED
00450-06 STANDARD LOOP GUARD – GRAY
00455-02 XXL LOOP GUARD – RED
00455-06 XXL LOOP GUARD – GRAY

FAST FID

Rope splicing tool designed for rapid repairing/splicing of synthetic winch lines in minutes

- Compact design includes a unique wire grip for holding the end of winch ropes
- For synthetic rope diameters 3/8"–5/8"
- No additional hardware or tape required to splice your synthetic rope
- Red anodized finish for corrosion protection; laser-engraved rope bury data along with measuring scale
- Compact two-piece design; includes Cordura carry sleeve
- Made in the USA

00420-01 FAST FID ROPE SPLICING TOOL

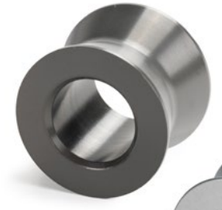


SYNTHETIC ROPE SPOOLS

Eliminates the heavy steel thimble on the end of your synthetic winch line and replaces it with an ultra-light aluminum load spool

- For synthetic rope soft loop termination
- Type II clear anodized for corrosion protection
- Lightweight, precision-machined 6000-series military-grade aluminum
- Compatible with all Factor 55 shackle mount products and allows "soft eye" winch line attachment
- Made in the USA

00095 SYNTHETIC ROPE SPOOL, .875 PIN DIAMETER – FLATLINK XXL
00096 SYNTHETIC ROPE SPOOL, .625 PIN DIAMETER – PROLINK, FLATLINK, ULTRAHOOK
00097 SYNTHETIC ROPE SPOOL, .750 PIN DIAMETER PROLINK XXL



FlatLink XXL Synthetic Rope Spool



ProLink, FlatLink, UltraHook Synthetic Rope Spool



ProLink XXL Synthetic Rope Spool

trailfortress.com/factor-55-flatlink-xxl-winch-shackle-mount-gray-00090-06

RECOVERY RIGGING

Factor 55 offers best-in-class rigging gear letting you take your recovery gear to the next level. From soft shackles to kinetic recovery ropes, this is gear you can rely on for fast, efficient, and safe winching and vehicle recovery.



STEEL SHACKLES

The recreational offroad industry is full of low-quality imported shackles due to their low cost. This limits the locations to purchase USA-made shackles to only your local rigging supply store. Factor 55 has partnered with the Crosby Group to offer its quality shackles.

These shackles can sometimes have small blemishes after their powder coating. These blemishes do not affect the shackle's ability to outperform low-quality imported shackles in any way.

- Available in a variety of sizes and three finishes
- Forged construction for maximum durability



3/4" CROSBY SHACKLE

- Most common for truck, Jeep, SUV applications
- 7/8" diameter pin
- Working load limit 4¾T (9,500 lbs.)
- Minimum breaking strength 57,000 lbs.
- Black or high-viz red powder-coated finish

00064-01 3/4 SHACKLE – RED
00064-04 3/4 SHACKLE – BLACK

7/8" CROSBY SHACKLE

- Most common for large truck, industrial/commercial applications
- 1" diameter pin
- Working load limit 6½T (13,000 lbs.)
- Minimum breaking strength 78,000 lbs.
- Galvanized finish only

00465 CROSBY 7/8 SHACKLE – GALVANIZED

SOFT SHACKLES

A lightweight replacement connecting rigging for common steel screw pin shackles. Factor 55 Soft Shackles are Made in the USA under uncompromising quality standards. They have been lab- and field-tested to ensure consistent repeatable minimum breaking strength values.

- UHMWPE construction, similar to synthetic winch lines
- Lightweight, strong rigging that can be used in place of steel screw-pin shackles
- Easily fits standard shackle mount products
- Each individual soft shackle is serialized for manufacturing date and material lot traceability. WLL and minimum breaking strengths are clearly marked.
- Engineered, tested, and made in the USA

MADE IN USA

STANDARD DUTY SOFT SHACKLES



1/2" STANDARD DUTY SOFT SHACKLE

- UHMWPE 12-strand construction, similar to synthetic winch line
- ½" diameter, 10" length
- Minimum breaking strength 60,000 lbs.
- Working load limit 12,000 lbs.
- Weight: 7 oz

00585 STANDARD DUTY SOFT SHACKLE 1/2IN X 10IN



7/16" STANDARD DUTY SOFT SHACKLE

- UHMWPE 12-strand construction, similar to synthetic winch line
- 7/16" diameter, 10" length
- Minimum breaking strength 39,000 lbs.
- Working load limit 7,800 lbs.
- Weight: 6.3 oz

00069 STANDARD DUTY SOFT SHACKLE 7/16IN X 10IN

EXTREME DUTY SOFT SHACKLES

- Constructed of HMPE Plasma rope with extra abrasion and UV protection
- Woven polyester jacket that is carefully whipped and coated with Fiber Lock
- The protective jacket is attached close to the knot to provide as much abrasion protection as possible
- Additional 25-30% verified breaking strengths when compared to standard soft shackles on the market today



3/8" EXTREME DUTY SOFT SHACKLE

- Size: 3/8" diameter x 10" length
- Minimum breaking strength 43,500 lbs.
- Working load limit 8,700 lbs.

00066 EXTREME DUTY SOFT SHACKLE 3/8IN

3/8" EXTREME DUTY SOFT SHACKLE

- Size: 3/8" diameter x 20" length
- Minimum breaking strength 43,500 lbs. (exceeds 70,000 double looped)
- Working load limit 8,700 lbs. (exceeds 14,000 double looped)

00067 EXTREME DUTY SOFT SHACKLE 3/8IN

5/8" EXTREME DUTY SOFT SHACKLE

- Size: 5/8" diameter x 18" length
- Minimum breaking strength 102,500 lbs.
- Working load limit 20,500 lbs.

00570 EXTREME DUTY SOFT SHACKLE 5/8IN

7/8" EXTREME DUTY SOFT SHACKLE

- Size: 7/8" diameter x 24" length
- Minimum breaking strength 185,000 lbs.
- Working load limit 37,000 lbs.

00571 EXTREME DUTY SOFT SHACKLE 7/8IN

1-1/8" EXTREME DUTY SOFT SHACKLE

- Size: 1-1/8" diameter x 24" length
- Minimum breaking strength 294,000 lbs.
- Working load limit 58,000 lbs.

00572 EXTREME DUTY SOFT SHACKLE 1-1/8IN

trailfortress.com/factor-55-flatlink-xxl-winch-shackle-mount-gray-00090-06

LOAD DISTRIBUTION PLATE



- Rigging plate designed for the distribution of multiple loads and directions
- Collection point for multiple winching applications
- Symmetrical shape allows for common bridle tow configurations
- Self-aligning shackle pin holes fit common ¾" shackles, pear shaped holes permit ¾" and 7/8" shackles bodies to pass through
- Precision machined from 6000 series military-grade aluminum, Mil-A-8625 F Type III Gray finish for exceptional durability
- Laser-engraved angle scale for sling multiplier estimates
- Large, smooth corner radii for soft shackle applications
- Working load limit 20,000 lbs.
- Minimum breaking strength 442,000 lbs.

00470-06 LOAD DISTRIBUTION PLATE – GRAY



TREE SAVER STRAP

- Serves as a versatile link to attach to trees or vehicles
- 8' x 3" size; 4' length when used in basket configuration
- Flat shape prevents rolling and twisting
- Durable Cordura abrasion guard for reinforced eyes and webbing seams
- Working Load Limits clearly labeled for straight, basket and choker configurations
- Straight Line MTS: 46,500 lbs
- Straight Line working load limit 9,300 lbs
- Made in the USA

00077 TREE SAVER STRAP (8FT X 3IN)

SHORTY STRAP II & III

- Ultra-short straps can be used in a variety of recovery applications
- Applications vary from attaching to vehicles without recovery points to using a winch and Shorty Strap to field repair/straighten bent steering components like tie rods and drag links
- Shorty Strap II is 2" wide x 3' long. Shorty Strap III is 3" wide and 3' long. Both can be reduced to 1.5' when used in a basket configuration
- Flat shape prevents them from rolling and twisting when attached to tubular shapes like bumper stingers, steering components, and nerf bars
- Low stretch/energy storage means less recoil energy during a possible component failure
- Durable Cordura abrasion guard for reinforced eyes and webbing seams
- Working Load Limits clearly labeled for straight, basket and choker configurations
- Shorty Strap II straight line MTS: 31,000 lbs, working load limit 6,200 lbs
- Shorty Strap III straight line MTS: 46,500 lbs, working load limit 9,300 lbs
- Made in the USA

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





MADE IN USA

STANDARD DUTY TOW STRAPS

- Made from 100% low-stretch polyester
- 2-inch width and 30' length with double-ply construction and stitched the length of the strap allows for 31,000 lb. breaking strength
- Reinforced eyes with durable Cordura sleeve. Can also be used for a 30' winch extension.
- Individually serialized and properly labeled for different load configurations
- Straight Line MTS: 31,000 lbs
- Straight Line working load limit: 6,200 lbs
- Made in USA

00074 STANDARD TWO STRAP (30' X 2")

EXTREME DUTY TOW STRAPS

- All the benefits of Standard Straps, but more durable
- Entire strap is wrapped in abrasion-resistant Cordura for an extreme level of protection and durability.
- Straight Line MTS: 31,000 lbs
- Straight line working load limit 6,200 lbs
- Made in USA

00075 EXTREME DUTY TOW STRAP (30' X 2")



STRAP WRAPS

- Use these versatile wraps to secure gear.
- Durable hook and loop closure and a heavy-duty powder-coated steel ring offer a perfect way to store ropes, straps, and gear.
- Secondary loop section on the outer webbing allows the Strap Wraps to be secured at diameters 2.5" and smaller, but can go around items 8" in diameter. Can be combined for larger items
- 2 strap wraps per package
- 20" x 1" size
- Made in USA

00071-2 STRAP WRAPS (PKG OF 2)



trailfortress.com/factor-55-flatlink-xxl-winch-shackle-mount-gray-00090-06

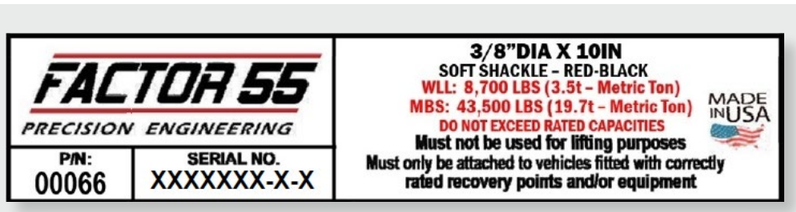
EXTREME DUTY KINETIC ENERGY ROPE FOR INDUSTRIAL AND HEAVY-DUTY APPLICATIONS

Stretches up to 30 percent of its total length, for easy extraction from sand, mud, and snow

Flexible, durable, weather-resistant polymeric coating for extreme durability, and rubberized rope eyes for maximum durability at the wear points of the rope.







Each Factor 55 Rope, Strap, and Soft Shackle includes an informative specification label that is;

- Designed to help you understand the proper load limits for each piece of equipment
- Individually serialized for material lot traceability

2.5" DIAMETER KINETIC RECOVERY ROPE

Designed for use in mining, agriculture, and military applications

- Size: 2-1/2" diameter x 30' length
- Minimum breaking strength 201,000 lbs.
- Working load limit: 40,200 lbs.

00562 2-1/2 DIA X 30FT

2" DIAMETER KINETIC RECOVERY ROPE

Designed for use on semis, large utility or dump trucks and tractors.

- Size: 2" diameter x 30' length
- Minimum breaking strength 131,500 lbs.
- Working load limit: 26,300 lbs.

00561 2IN DIA X 30 FT

1.5" DIAMETER KINETIC RECOVERY ROPE

Designed for HD trucks, vans, and RVs

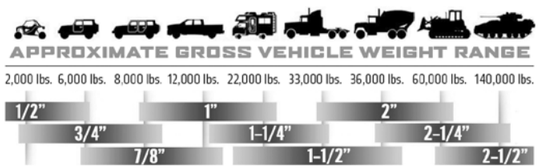
- Size: 1-1/2" diameter x 30' length
- Minimum breaking strength 74,000 lbs.
- Working load limit: 14,800 lbs.

00560 1-1/2 DIA X 30 FT

SIZE YOUR KINETIC RECOVERY ROPE TO YOUR VEHICLE

Purchase your Factor 55 KERR based on your vehicle's gross vehicular weight rating (GVWR). A properly sized rope for typical SUVs and trucks is one that has a 4:1 to 6:1 minimum breaking strength to GVWR ratio. For larger vehicles (Unimogs, EarthRoamers, Earth Cruisers, heavier military trucks, etc.), a 2:1 to 4:1 ratio may be acceptable. If you use a smaller and lighter KERR, rope breakage might occur. If too large and heavy, the rope won't stretch enough, reducing the maximum kinetic energy assist. The KERR must be suited to the GVWR of the lighter of the two vehicles used in the recovery process.

KINETIC ENERGY ROPE SIZING GUIDE, ROPE DIAMETER LISTED



7/8" DIAMETER KINETIC RECOVERY ROPE

Designed for Jeeps and mid-sized trucks and SUVs

- Size: 7/8" diameter x 30' length
- Minimum breaking strength 28,300 lbs.
- Working load limit: 5,660 lbs.

00068 7/8IN DIA X 30FT

1" DIAMETER KINETIC RECOVERY ROPE

Designed for full-sized trucks and SUVs

- Size: 1" diameter x 30' length
- Minimum breaking strength 33,500 lbs.
- Working load limit: 6,700 lbs.

00559 1IN DIA X 30 FT

5/8" DIAMETER KINETIC RECOVERY ROPE

Designed for UTV/ATV/ Powersports

- Size: 5/8" diameter x 20' length
- Minimum breaking strength 14,800 lbs.
- Working load limit: 2,960 lbs.

00563 5/8IN DIA X 20FT

MADE IN USA



KINETIC ROPE BRIDLE

- Rigging that allows you to utilize two recovery points on your vehicle during a kinetic recovery
- Dual connection points reduces the stress on the individual attachment points

1" DIAMETER X 10' LENGTH

- Minimum breaking strength 33,500 lbs.
- Working load limit 6,700 lbs.

00073 BRIDLE - 1" X 10'

7/8" DIAMETER X 10' LENGTH

- Minimum breaking strength 28,300 lbs.
- Working load limit 5,660 lbs.

00072 BRIDLE - 7/8"" X 10'

trailfortress.com/factor-55-flatlink-xxl-winch-shackle-mount-gray-00090-06



ROPE RETENTION PULLEY (RRP)

A lightweight, compact alternative to traditional heavy snatch blocks/pulleys



- Use to increase pulling power or redirect winch line
- For use with synthetic rope only (up to ½"). Use in conjunction with a non-coated soft shackle
- During momentary slack, rubber fingers prevent winch rope from escaping the pulley groove
- Oversized hole radius provides a smooth surface and keeps the soft shackle from rubbing on the RRP's edges
- The friction surface has been treated with Teflon to increase slickness and heat dissipation
- Available as an optional combo kit includes pulley and 7/16" x 10" Standard Duty Soft Shackle
- Mil-A-8625 F hard-anodized surface
- Billet machined 6000 series aluminum
- Working load limit 22,000 lbs.
- Made in the USA

00260 ROPE RETENTION PULLEY (RRP)

MADE IN USA



00264 ROPE RETENTION PULLEY (RRP) + SOFT SHACKLE COMBO



HITCHLINK

Easily convert your vehicle's hitch receiver into a recovery point.

- Slide it into the receiver, secure it with a pin, and you're ready to pull
- Available for 2", 2.5", and 3" receivers.
- Made from lightweight, super-strong CNC-machined 6000 series aluminum
- Simply slide the shackle mount into receiver opening and secure with hitch pin (not included)
- Machined radius on shackle mount hole for soft shackle compatibility
- Engineered, tested, and made in USA



LIMITED EDITION COLOR OPTIONS



HITCHLINK 2.0

- Fits vehicle's 2" receiver
- Rated at 9,5000 lbs. Ultimate failure at 51,000 lbs.
- Fits common ¾" screw pin shackles or soft shackles up to ½"

00020-01 HITCHLINK 2.0 FOR 2IN RECEIVERS -- RED
00020-02 HITCHLINK 2.0 FOR 2IN RECEIVERS – BLUE
00020-04 HITCHLINK 2.0 FOR 2IN RECEIVERS – BLACK
00020-05 HITCHLINK 2.0 FOR 2IN RECEIVERS – SILVER
00020-06 HITCHLINK 2.0 FOR 2IN RECEIVERS – GRAY
00020-03 HITCHLINK 2.0 FOR 2IN RECEIVERS – YELLOW
00020-07 HITCHLINK 2.0 FOR 2IN RECEIVERS – ORANGE
00020-08 HITCHLINK 2.0 FOR 2IN RECEIVERS -- GREEN



HITCHLINK 2.5

- Fits vehicle's 2.5" receiver
- Rated at 18,000 lbs. Ultimate failure at 69,000 lbs.
- Fits common ¾" (7/8" pin) screw pin shackles or soft shackles up to 1/2"
- Mil-spec hard anodized gunmetal gray or yellow finishes

00022-06 HITCHLINK 2.5 FOR 2.5IN RECEIVERS – GRAY
00022-03 HITCHLINK 2.5 FOR 2.5IN RECEIVERS – YELLOW



HITCHLINK 3.0

- Fits vehicles' 3.0" receiver
- Rated at 18,000 lbs. Ultimate failure at 70,000+ lbs.
- Fits common ¾" (7/8" pin) screw pin shackles or soft shackles up to 1/2"
- Mil-spec hard anodized gunmetal gray only

00027-06 HITCHLINK 3.0 FOR 3IN RECEIVERS – GRAY

HITCHLINK PRO 2.0 / 2.5

Larger radius hole is more forgiving to soft shackles, extending their service life

- Fits vehicle's 2" or 2.5" receiver, respectively
- Works with soft shackles up to ½" in diameter or ¾" screw pin shackles
- Cross-drilled; can be used at any 90-degree orientation in the receiver
- Rated at 9,500 lbs. Ultimate failure at 50,000 lbs. and 61,000 lbs. respectively
- Mil-spec hard-anodized gunmetal gray finish only

00029-06 HITCHLINK PRO 2.0 FOR 2IN RECEIVERS – GRAY
00031-06 HITCHLINK PRO 2.5 FOR 2.5IN RECEIVERS -- GRAY

HITCH PINS

For 2" and 2.5" hitch receivers

Made in the USA from high-strength 303+ stainless steel with a grooved head, these 5/8"-diameter pins (with a 3-1/8" span) have a 50,000+ lb. shear strength for maximum durability.





LOCKING HITCH PIN

- Fits 2" and 2.5" hitch receivers
- Provides security when locking a ball mount or accessory
- Uses key to rotate lock into place.
- Integral weather-resistant tethered dust cap keeps water and debris out of keyway
- O-rings to protect internal components from dirt and grime.

00037 LOCKING HITCH PIN

QUICK RELEASE HITCH PIN

- Fits 2" and 2.5" hitch receivers
- Includes cotter pin

00036 QUICK RELEASE HITCH PIN

trailfortress.com/factor-55-flatlink-xxl-winch-shackle-mount-gray-00090-06

RECOVERY KITS

Factor 55 offers a broad range of premium USA-made recovery kits to help you go equipped to explore. From the full-featured Borah Kit for advanced recovery to the specialized Baja Kit for non-winch recovery—all kits include Factor 55's premium canvas bag, and premium Factor 55 gear.



BORAH

Full Featured Recovery Kit for the Advanced Off-Roader

- Large-size kit for advanced winch or kinetic recoveries and towing operations
- Designed for the extreme off-roader, overlander, or military/SAR/first responder
- Our largest recovery gear kit and includes: two 3/4" Crosby Shackles, 10" Extreme Duty Soft Shackle, 10" Standard Duty Soft Shackle, 20" Extreme Duty Soft Shackle, Shorty Strap II (2"x3'), Tree Saver (3"x8'), Shorty Strap III (3"x3'), Extreme Duty Tow Strap (7/8"x30'), 7/8" Kinetic Rope, LDP, RRP, Fast Fid, Basic Guide to Winching, five Strap Wraps, all packed into the Large Ultimate Recovery Bag

00480-01 -- **BORAH (RED HITCHLINK)**
00480-02 -- **BORAH (BLUE HITCHLINK)**
00480-03 -- **BORAH (YELLOW HITCHLINK)**
00480-04 -- **BORAH (BLACK HITCHLINK)**
00480-05 -- **BORAH (SILVER HITCHLINK)**
00480-06 -- **BORAH (GRAY HITCHLINK)**
00480-07 -- **BORAH (ORANGE HITCHLINK)**
00480-08 -- **BORAH (GREEN HITCHLINK)**

SAWTOOTH

Winch and Tow Recovery Kit for Trucks, Jeeps, and SUVs

- Medium-sized kit for winch recovery and towing operations
- Designed for the winch-equipped off-roader, overlanders, or military/SAR/first-responders
- Includes two 3/4" red Crosby Shackles, 10" Extreme Duty Soft Shackle, 10" Standard Duty Soft Shackle, Shorty Strap II (2"x3'), Tree Saver (3"x8'), HitchLink 2.0, Standard Duty Tow Strap (2"x30'), RRP, Fast Fid, Basic Guide to Winching, three strap wraps, all packed into a Medium or Large Ultimate Recovery Gear Bag



00475-01-MEDIUM -- **SAWTOOTH** (RED HITCHLINK AND MED BAG)
00475-02-MEDIUM -- **SAWTOOTH** (BLUE HITCHLINK AND MED BAG)
00475-03-MEDIUM -- **SAWTOOTH** (YELLOW HITCHLINK AND MED BAG)
00475-04-MEDIUM -- **SAWTOOTH** (BLACK HITCHLINK AND MED BAG)
00475-05-MEDIUM -- **SAWTOOTH** (SILVER HITCHLINK AND MED BAG)
00475-06-MEDIUM -- **SAWTOOTH** (GRAY HITCHLINK AND MED BAG)
00475-07-MEDIUM -- **SAWTOOTH** (ORANGE HITCHLINK AND MED BAG)
00475-08-MEDIUM -- **SAWTOOTH** (GREEN HITCHLINK AND MED BAG)

00475-01-LARGE -- **SAWTOOTH** (RED HITCHLINK AND LARGE BAG)
00475-02-LARGE -- **SAWTOOTH** (BLUE HITCHLINK AND LARGE BAG)
00475-03-LARGE -- **SAWTOOTH** (YELLOW HITCHLINK AND LARGE BAG)
00475-04-LARGE -- **SAWTOOTH** (BLACK HITCHLINK AND LARGE BAG)
00475-05-LARGE -- **SAWTOOTH** (SILVER HITCHLINK AND LARGE BAG)
00475-06-LARGE -- **SAWTOOTH** (GRAY HITCHLINK AND LARGE BAG)
00475-07-LARGE -- **SAWTOOTH** (ORANGE HITCHLINK AND LARGE BAG)
00475-08-LARGE -- **SAWTOOTH** (GREEN HITCHLINK AND LARGE BAG)

MADE IN USA

BAJA

Kinetic Recovery Kit for Trucks, Jeeps, and SUVs

- Our truck, Jeep, SUV kinetic recovery gear kit packed with the essential tools to safely recover a vehicle without a winch
- Includes: two 10" Standard Duty Soft Shackles, 7/8"x30' Extreme Duty Kinetic Rope, Basic Guide to Kinetic Recovery, two Strap Wraps, all packed in a Factor 55 Medium Ultimate Recovery Gear Bag

00490 BAJA KINETIC RECOVERY KIT



OWYHEE

Tow and Recovery Kit for Trucks, Jeeps, and SUVs

- Small-sized kit is excellent for towing and recovery options
- Designed for the non-winch-equipped off-roader, overlanders, or military/SAR/first-responders
- Equipped with the essential tools to safely recover a vehicle in non-winching scenarios
- Includes HitchLink 2.0, Standard Duty Soft Shackle, one Crosby ¾" shackle, a Standard Duty Tow Strap (2"x30'), a single Strap Wrap, and Medium or Large Ultimate Recovery Gear Bag



00485-01-MEDIUM -- **OWYHEE** (RED HITCHLINK AND MED BAG)
00485-02-MEDIUM -- **OWYHEE** (BLUE HITCHLINK AND MED BAG)
00485-03-MEDIUM -- **OWYHEE** (YELLOW HITCHLINK AND MED BAG)
00485-04-MEDIUM -- **OWYHEE** (BLACK HITCHLINK AND MED BAG)
00485-05-MEDIUM -- **OWYHEE** (SILVER HITCHLINK AND MED BAG)
00485-06-MEDIUM -- **OWYHEE** (GRAY HITCHLINK AND MED BAG)
00485-07-MEDIUM -- **OWYHEE** (ORANGE HITCHLINK AND MED BAG)
00485-08-MEDIUM -- **OWYHEE** (GREEN HITCHLINK AND MED BAG)

00485-01-LARGE -- **OWYHEE** (RED HITCHLINK AND LARGE BAG)
00485-02-LARGE -- **OWYHEE** (BLUE HITCHLINK AND LARGE BAG)
00485-03-LARGE -- **OWYHEE** (YELLOW HITCHLINK AND LARGE BAG)
00485-04-LARGE -- **OWYHEE** (BLACK HITCHLINK AND LARGE BAG)
00485-05-LARGE -- **OWYHEE** (SILVER HITCHLINK AND LARGE BAG)
00485-06-LARGE -- **OWYHEE** (GRAY HITCHLINK AND LARGE BAG)
00485-07-LARGE -- **OWYHEE** (ORANGE HITCHLINK AND LARGE BAG)
00485-08-LARGE -- **OWYHEE** (GREEN HITCHLINK AND LARGE BAG)

Note: Factor 55 Recovery Kits DO NOT come with gloves or hitch pin. A good pair of gloves that fit your hands and are made of quality materials should be used in your recoveries. A quality hitch pin should also be purchased; lockable or quick release, whichever suits your needs best.

trailfortress.com/factor-55-flatlink-xxl-winch-shackle-mount-gray-00090-06