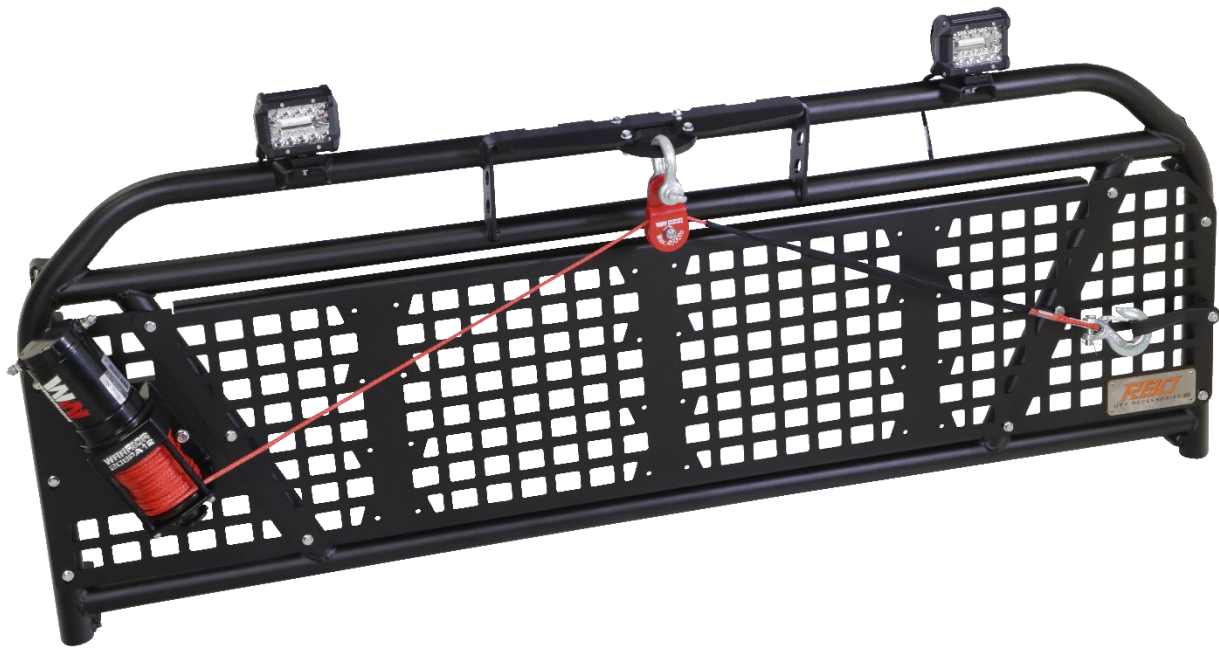




POLARIS RANGER XP

SIDEPULLER WINCH RACK

P R O D U C T M A N U A L



PART NUMBER: RB012573



TABLE OF CONTENTS

1	TABLE OF CONTENTS
2	INTRODUCTION
3	WARRANTY INFORMATION
7	PART LIST
9	SAFETY INFORMATION
15	WIRING DIAGRAMS
16	INSTALLATION VIDEO LINK
17	MAINTENANCE
18	PRODUCT REGISTRATION

INTRODUCTION

Everyone here at Razorback Offroad™ would like to thank you for your recent purchase of one of our products and tell you congratulations! Our passion is to provide our customers with the best products and parts money can buy, proudly made here in Mountain Home, Idaho! Without support from valued customers such as yourselves, our business, as well as the people who work for it, wouldn't survive. We hope you find our products useful and get the most out of every experience with them. Thank you!




ATTENTION


This manual should be read carefully. It contains important information that needs to be fully understood and followed in order to ensure that the Razorback Offroad™ products discussed in this manual are used properly so as to ensure the safety of all persons (e.g., operators, customers, bystanders).


MIXING & MATCHING PRODUCTS

- Only use Razorback Offroad brand replacement parts for your Razorback Offroad products.


ALWAYS FOLLOW STATE & LOCAL GUIDELINES!

 SECUREMENT It is the driver's / operator's responsibility to ensure that nothing can come loose from any part of their vehicle. It is the operator's responsibility to make sure that all items are in good working order and are properly secured!

 MODIFICATION DO NOT modify or tamper with any RBO product. Doing so will void any applicable warranty and may result in serious injury or death. • Warranties will be voided if any RBO Product is modified or tampered with!

 INSPECTION RBO requires that each operator of a vehicle perform a detailed circle check before and after each use of the vehicle. This inspection must include the power unit, the vehicle, and all items installed on the vehicle.

- Do not take chances with your life or other people's lives. Make sure all items are secured and in safe working order.
- Always inspect products for any signs of paint cracking, metal fatigue or premature wear.
- Maintain a visual inspection along with grabbing the product and wiggling or pulling on it to make sure there is no way anything can become dislodged from the machine.
- Remove from service immediately if repairs are needed. Do not take chances.

 WARNING Operating, servicing, and maintaining a passenger vehicle or off-road vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area, and wear gloves or wash your hands frequently when servicing your vehicle.

For more information go to www.P65Warnings.ca.gov/passenger-vehicle

WARRANTY INFORMATION

Limitation on Warranty

Inventive Edge, LLC daba Razorback Offroad™ (RBO) warrants to the original purchaser that each new Razorback Offroad™ (RBO) product will be free from defects in material and workmanship for a period of twelve (12) months from date of purchase. The purchaser must promptly notify RBO in writing of any failure in material or workmanship. In no event shall RBO accept such notification later than twelve (12) months from the date placed in service.

RBO's obligation under this warranty, statutory or otherwise, is limited to the repair or replacement at the RBO factory, or at a point designated by RBO, of such part or parts as shall appear upon inspection by RBO to be defective in material or workmanship. In no event shall RBO accept such notification later than twelve (12) months from date of purchase. This warranty is not transferable.

Except as expressly set forth in this warranty, RBO makes no other warranty, express or implied, and hereby disclaims all other warranties including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. RBO shall in no event be liable for claimed downtime, claimed loss of profits or goodwill, or any other special, incidental, indirect, or consequential damages concerning or relating to any product or parts, whether based on negligence, strict liability, breach of contract, breach of warranty, misrepresentation, or any other legal theory, regardless of whether the loss resulted from any general or particular requirement which RBO knew or had reason to know about at the time of sale.

RBO makes no warranty, express or implied, as to the finished products manufactured or supplied by another manufacturer and supplied by RBO to the purchaser, including, but not limited to, any item to which an RBO product may be affixed or any accessories, and RBO expressly disclaims any implied warranties of merchantability and fitness for a particular purpose as to such equipment or products. This language shall in no way affect or diminish the rights of the purchaser to rely on such warranties as are extended by such manufacturers or supplies. RBO shall, to the extent permitted under applicable law, pass on to the purchaser such manufacturers or seller's warranty.

RBO, whose policy is one of continuous improvement, reserves the right to improve its products through changes in design or materials as it may deem desirable without being obligated to incorporate such changes in products previously sold.

This warranty is not intended to cover or include the following items, which are set forth by way of example and not limitation:

- A. Normal deterioration of trim, paint, lettering, appearance of items due to wear or exposure to weather, etc.
- B. Any damage or defect due to accident, misuse, abuse, operation exceeding rated loads, Improper or unauthorized repairs, failure to provide reasonable and necessary maintenance, or uses of which the equipment was not designed or intended.
- C. Alterations or modifications that affect performance, operations, or reliability.

It is expressly understood that RBO makes no implied or express warranty that RBO manufactured goods shall be fit for the purpose of lifting or moving people or for any other improper use. Field modification of this unit without the advice and written consent of the RBO Engineering Department will void all warranties and any guarantees pertaining to both purchased components used in the manufacture of this unit, as well as structurally fabricated parts supplied by RBO. Use of other than factory or factory authorized parts will render the warranty void.

Products Covered

All Products carrying the Razorback Offroad™ name. (All other products purchased from other manufacturers are limited to that manufacturer's warranty.)

Notice to Owner or User

It is the responsibility of the owner or user to go to www.razorbackoffroad.com to register your RBO product. By submitting the information within 15 days of your purchase, your warranty will be validated, ensuring that your equipment will be protected subject to the terms and conditions set out herein. In the event we need to contact you concerning your registered equipment, Product Updates, Service Bulletins, or Product Recalls, the information you have provided on the product registration form will ensure your immediate notification. Do your part and let us help you by filling out your product registration form. User should also read and understand all operations manuals pertaining to the product purchased. User should also consult with all manufacturer's operations manuals regarding the addition of aftermarket products to their machines to make sure that RBO products can be used without affecting the machine's performance and handling. When in doubt please consult with your local UTV dealer.

For more information regarding Safe operation of your Off-Road Vehicle Please go to www.rohva.org or similar organization.

Installation Guidelines

Due to variances in mounting surfaces, RBO cannot provide explicit mounting requirements for every mounting option. These instructions are to serve only as a guideline. Final installation requirements are left to the discretion of a qualified installer.

Assumption of Risk

RBO is a manufacturer of off-roading equipment and using off-roading equipment as well as UTV's, is by nature inherently dangerous. As a consequence, operators assume the risk of serious injury or death. RBO products are only intended to be used solely by operators who have the requisite training and experience who understand the proper use of the product.

Inspection

RBO requires that each operator inspects products for any signs of paint cracking, metal fatigue or premature wear. Do not take chances with your life or other people's lives. Make sure all items are secured and in safe working order. Remove from service immediately if repairs are needed. Do not take chances.

Paint, Powder Coated and Polished Finishes:

The RBO warranty does not cover coatings or finishes, powder coated products, galvanized products, zinc plated products, bare aluminum products, polished or non-polished stainless-steel products or finishes. This includes, but is not limited to, scratches, peeling, chipping, hazing, dulling of finish or surface.

Securement

The operator must verify that all hardware is secure and tight. This includes, but is not limited to, mounting hardware, and retaining systems. It is the operator's responsibility to make sure that all items are in good working order. It is the installer's responsibility to ensure mounts are secure.

Mix and matching of different Manufacturer's Products

Only use Razorback Offroad™ brand items with Razorback Offroad™ when applicable. Only use Razorback Offroad™ brand replacement parts for Razorback Offroad™ brand products. Failure to do so may result in voiding any applicable warranty and serious bodily injury or death.

RBO 100% Money Back Guarantee:

The RBO 100% Money back guarantee pertains to any Razorback Offroad™ Branded product purchased online directly from Razorback Offroad™. If you are not 100% satisfied with the product for any reason, just return the product back to RBO and RBO will refund 100% of the purchase price of the product. In order to receive a refund for a product return, RBO must be notified in writing or via email within 30 days of product purchase that the user wishes to return the product. In order for a product to qualify for the 100% money-back guarantee, a claim must be filed within 30 days of purchase date. Once the product is returned to RBO, RBO will send a check to the user to cover the initial product cost less freight charges if any. This offer does not include freight or transportation cost (See Return Policy). It is the responsibility of the purchaser to pay all freight charges. In no way will RBO be responsible to refund freight cost to the end-user. If RBO determines that the product was blatantly destroyed or damaged due to negligence of the purchaser, this refund offer will be null and void. This warranty does not obligate RBO to bear the cost of labor or transportation charges in connection with the repair or replacement of any parts found to be defective, nor shall it apply to a product upon which repairs or alterations have been made unless authorized by RBO.

Return Policy

The Purchaser, when returning a Product, must follow the following steps:

1. The Purchaser must have proof of purchase of any damaged Product. The Purchaser must obtain from Razorback Offroad™ a Returned Merchandise Authorization (RMA) will be given along with the correct address where to ship the damaged product.
2. The Purchaser must pay all shipping costs to deliver the damaged Products to RBO and must send the damaged Product along with the RMA and proof of purchase together.
3. Upon receipt of damaged Product, RBO will determine whether the damaged Product is covered under the Limited Warranty. If it is, RBO will repair or replace the Product. If the Product is replaced, the Product that is originally returned by the Purchaser shall become the exclusive property of RBO. If the returned Product is not covered under the Limited Warranty, RBO will notify the Purchaser before taking any further action with regard to repair or replacement, which would be at the Purchaser's cost.
4. The customer is responsible to pay shipping charges to RBO for product inspection. RBO will pay return freight if the product is found to be under warranty using UPS Ground or equivalent.
5. If a customer would like to have their product returned overnight or via rapid freight methods, RBO will give customers the option to pay for rapid freight options.

LIMITATION OF LIABILITY

Inventive Edge LLC dba Razorback™ (RBO) total liability for any and all losses and damages arising out of any cause whatsoever shall in no event exceed the purchase price of the products or parts in respect of which such cause arises, whether such cause be based on theories of contract, negligence, strict liability, tort or otherwise. Inventive Edge LLC dba Razorback™ (RBO) shall not be liable for incidental, consequential or punitive damages or other losses. Inventive Edge LLC dba Razorback™ (RBO) shall not be liable for, and consumer assumes liability for, all personal injury and property damage connected with the handling, transportation, possession, installation, other use or resale of the product, whether used alone or in combination with any other product or material. If Inventive Edge LLC dba Razorback™ (RBO) furnishes technical advice to consumer, whether or not at consumer's request, with respect to installation, application, or use of the product and/or its related parts, Inventive Edge LLC dba Razorback™ (RBO) shall not be liable for such technical advice and buyer assumes all risks of such advice and the results thereof. NOTE: Some states do not allow the limitation or exclusion of incidental or consequential damages, so the above limitations or exclusions, wholly or partially, may not apply. The portions of this limited warranty and limitation of liability shall be considered severable and all portions that are not disallowed by applicable law shall remain in full force and effect.

Duties and Taxes:

Import duties, taxes, and brokerage fees are not included in the product price or shipping and handling cost and it will be collected upon delivery from the carriers for certain packages. These charges are recipient's responsibility as we are only charging the transportation fee for the packages. You may check with your country's customs office to determine what these additional costs will be. Additionally, you may review below additional information for shipments shipping to Canada which can imply to other countries as well.

Additional Information: Below are some additional information regarding international shipments going to Canada you may reference as well as refer to sites such as www.thefinalcost.com in order to get an estimate on these import costs.

Fees for Canada orders:

Brokerage Fees

The brokerage fees are a processing fee charged by the shipping company. This fee includes filling in a customs form to indicate the contents and value of the shipment and calculating duty and taxes.

UPS

When UPS Customs Brokerage handles your imports, there is no Entry Preparation Fee for routine customs clearance of UPS Worldwide Express Plus, UPS Worldwide Express, UPS Worldwide Express Saver, and UPS Worldwide Expedited shipments, including up to five classification lines. Charges may apply for more complex customs clearance procedures.

(Source: http://www.ups.com/content/ca/en/shipping/cost/zones/customs_clearance.html)

Taxes

Each item entering Canada will be charged GST (General Sales Tax) and PST (Provincial Sales Tax – varies by province) based on the declared value.

*Razorback Offroad will not declare any false information on the customs form to avoid or reduce these fees.

What personal data we collect and why we collect it

Contact forms

When visitors leave comments on the site, we collect the data shown in the comments form, and also the visitor's IP address and browser user agent string to help spam detection.

Cookies

If you leave a comment on our site, you may opt-in to save your name, email address and website in cookies. These are for your convenience so that you do not have to fill in your details again when you leave another comment. These cookies will last for one year. If you visit our login page, we will set a temporary cookie to determine if your browser accepts cookies. This cookie contains no personal data and is discarded when you close your browser.

When you log in, we will also set up several cookies to save your login information and your screen display choices. Login cookies last for two days, and screen options cookies last for a year. If you select “Remember Me”, your login will persist for two weeks. If you log out of your account, the login cookies will be removed.

If you edit or publish an article, an additional cookie will be saved in your browser. This cookie includes no personal data and simply indicates the post ID of the article you just edited. It expires after 1 day.

Embedded content from other websites

Articles on this site may include embedded content (e.g., videos, images, articles, etc.). Embedded content from other websites behaves in the exact same way as if the visitor has visited the other website.

These websites may collect data about you, use cookies, embed additional third-party tracking, and monitor your interaction with that embedded content, including tracking your interaction with the embedded content if you have an account and are logged in to that website.

PART LIST


POLARIS RANGER XP SIDEPULLER WINCH RACK

PART #	DESCRIPTION
<i>RBO12573</i>	<i>2019-2024 POLARIS RANGER XP SIDEPULLER WINCH RACK MOUNTING HARDWARE INCLUDED</i>



INCLUDED MOUNTING HARDWARE	TOOLS REQUIRED FOR INSTALATION
<ul style="list-style-type: none"> • (14) 1/4" x 3/4" Hex Flange Bolt • (4) 1/4" x 1" Hex Flange Bolt • (5) 1/4" Nylon Flange Nut • 1/4" x 1-3/4" Hex Flange Bolt • 2000lb Winch w/Synthetic Rope • 1/2" Galvanized Shackle 2 Ton • 2pc 60W 4" Flood Spot Combo LED Light • 15" Tension Bungee Strap • (4) 5/16" x 3/4" Flanged Serrated Bolt • (4) 5/16" x 1" Flanged Serrated Bolt • (4) 5/16" Nut Plates • Bolt On Sheave Plate • (2) Light Bracket Mounts 	<ul style="list-style-type: none"> • Ratchet • 13 MM Wrench • Deep 13MM Socket • 1/2" Socket • 3/8" Socket • 7/16" Wrench • 10 MM Wrench

 **Failure to follow the safety guidelines listed may result in voiding any applicable warranty, serious bodily injury, or death.**

 It is very important that you properly fill out your product registration form at razorbackoffroad.com/product-registration/ to register your equipment. By submitting the information within 15 days of your purchase, your warranty will be validated, ensuring that your equipment will be protected subject to the terms and conditions set out herein. In the event we need to contact you concerning your registered equipment, Product Updates, Service Bulletins, or Product Recalls, the information you have provided on the product registration form will ensure your immediate notification. Do your part and let us help you by filling out your product registration form.

SAFETY INFORMATION

This manual is supplied for the RBO unit to better familiarize the owner/operator with proper operation and maintenance procedures. The information contained in this manual must be thoroughly understood by all operating and maintenance personnel to ensure the protection of the operator of this unit and to prolong the unit's working life.

MIXING & MATCHING PRODUCTS

- Only use RBO brand replacement parts for RBO brand products.
- ALWAYS FOLLOW STATE & LOCAL GUIDELINES!

INSPECTION

- RBO requires that each operator of a truck or transport vehicle perform a detailed circle check before and after each use of the truck or transport vehicle.
- This inspection must include the power unit, the towing unit, and all items installed on the unit.
- Do not take chances with your life or other people's lives.
- Make sure all items are secured and in safe working order.
- Always inspect products for any signs of paint cracking, metal fatigue or premature wear.
- Maintain a visual inspection along with grabbing the products and wiggling or pulling on it to make sure there is no way anything can become dislodged from its mount.
- Remove from service immediately if repairs are needed. Do not take chances.

LOAD CAPACITY

- Do Not exceed maximum load capacity.
- List all load rating or capacity ratings here.

SAFETY & PRECAUTIONS

- Before inspecting, operating, or performing maintenance on this product.
- Read the manual thoroughly and fully understand the contents.
- Keep this manual in a safe, designated place for future reference!
- Due to variances in manufacturers and mounting surfaces, RBO cannot provide.
- explicit mounting requirements for every mounting option.
- These instructions are to serve only as a guideline.
- Final installation requirements are left to the discretion of a qualified installer.
- Always mount at a flat, level surface. Do not mount at an angle!

SECUREMENT


- It is the driver / operator's responsibility to ensure that nothing can come loose from any part of the truck or transport vehicle, or the vehicle being towed.
- It is the operator's responsibility to make sure that all items are in good working order and are properly secured!

MODIFICATION

- DO NOT modify or tamper with any RBO product. Doing so will void any applicable warranty and may result in serious injury or death.

Warranties will be voided if any RBO Product is modified or tampered with!

 **Failure to follow the safety guidelines listed may result in voiding any applicable warranty, serious bodily injury, or death.**

 It is very important that you properly fill out your product registration form at razorbackoffroad.com/product-registration/ to register your equipment. By submitting the information within 15 days of your purchase, your warranty will be validated, ensuring that your equipment will be protected subject to the terms and conditions set out herein. In the event we need to contact you concerning your registered equipment, Product Updates, Service Bulletins, or Product Recalls, the information you have provided on the product registration form will ensure your immediate notification. Do your part and let us help you by filling out your product registration form.

SAFETY INFORMATION

Warrior Winch Manual

IMPORTANT SAFETY INSTRUCTIONS

DANGER

DO NOT EXCEED RATED CAPACITY.

INTERMITTENT USE ONLY - COOL BETWEEN USES.

DO NOT use winch for lifting/moving people or live animals.

A minimum of five wraps of cable around the drum barrel is necessary for pulling and holding the rated load. The cable clamp is not designed to hold the load without the 5 wraps of cable around the drum. (usually marked red on the drum end of the cable)

DANGER

Keep yourself and others a **SAFE DISTANCE** to the side of the cable when under tension.

NEVER stand or step over a cable, or near a cable under load using a winch blanket or sail is strongly recommended.

DON'T move the vehicle to pull a load (towing) on the winch cable. This could result in cable breakage.

Disconnect the remote control and isolate when not in use.

DANGER

DO NOT exceed maximum pull rating. Avoid "shock loading" by using the remote lead switch intermittently to take up the slack in the wire rope. "Shock loading" can far exceed the rated capacity for the wire rope and drum and will result in damaging winch and brake. By doing so will void any warranty.

DANGER

DO NOT use you winch as securing device it is not designed for this and will result in damaging winch and brake and will void any warranty.

DO NOT exceed maximum line pull ratings shown on the tables.

DO NOT use as a hoist. Do not use for overhead lifting.

DANGER

NEVER cut, weld, or modify any part of the winch or cable. By doing so will void any warranty

IMPORTANT SAFETY INSTRUCTIONS

DANGER

When re-spooling the cable Ensure that the cable spools in the under-wind position with the cable entering the drum from the bottom, not the top. To re-spool correctly, and while wearing gloves, keep a slight tension on the cable while pushing the remote control button to draw in the cable. Walk toward the winch **NEVER** allowing the winch cable to slide through your fingers or hands.

DO NOT let your hands get within 12" (30cm) of the winch while re-spooling. Turn off the winch and repeat the procedure until a few feet of cable is left. Disconnect the remote control and finish spooling by hand by rotating the drum manually with the clutch disengaged. Keep hands clear of the fairlead and drum while the winch is under power.

DANGER

Failure to read and understand these warnings may result in personal injury and/or property damage.

Always use gloves to protect hands when handling any type of cable/rope. Never let the cable slide through your hands.

NEVER connect the cable back to itself.

Always apply blocks/chocks/straps to the wheels of the vehicle/equipment when on an incline and in transportation.

No modifications, alterations, or deviation to the winch are authorized by the manufacturer and **MUST NOT** be made. By doing so will void any warranty.

Duration of winching pulls should be kept as short as possible. If the motor becomes uncomfortably hot to the touch, stop winching immediately and let it cool down for approx 8 mins minutes. Do not winch for more than two minutes at or near the maximum rated load without resting for 8 minutes.

DANGER

If the motor stalls **DO NOT** maintain winching. Winches are designed and made for intermittent use and should be used in conjunction with their duty cycles.

NEVER release the free-spool clutch when there is a load on the winch as the load will roll backwards.

Use hand saver hook when handling the hook for spooling or un-spooling the wire rope.

NOTICE

The winch and its all-derivative types are rated at rated capacity when spooling the first rope layer on the drum. Overloading can damage the winch / motor / or wire rope.

For loads over 70% of rated line pull, we recommend the use of the pulley block / snatch block to double the wire rope line and reduce the strain. This will aid in two ways:

It will reduce the number of rope layers on the drum and reduce the load on the wire rope by as much as 50%. When doubling the lineback to the vehicle, always attach to the frame or another load bearing point..

SAFETY INFORMATION

Warrior Winch Manual

NOTICE

The vehicle engine should always be kept running during winching operation to minimize battery drain and maximize power and speed of the winch. If the winch is used for a considerable amount of time with the engine switched off the battery will drain and be too weak to restart the vehicle engine. If this happens stop winching immediately, jump start the vehicle and charge the battery up before resuming winching operation.

NOTICE

Get to know your winch before you need to use it. We recommend that you set up a few test runs to familiarize yourself with rigging techniques; the sounds your winch makes under various loads and the way the cable spools on the drum, etc.

INSPECT the wire rope and equipment before each use. A frayed or damaged rope must be replaced immediately. Use only manufacturer's identical replacement rope with the exact specifications. (Ropes are not covered by any warranty offered)

INSPECT the winch installation and bolts to ensure that all bolts are tight before each operation or periodically.

NOTICE

Store the remote control lead inside your vehicle or in a safe place.

Never connect the winch cable back to itself. This will cause cable to damage. Always use a pulley, snatch block, sling or chain of suitable strength as shown in the illustrations.

NOTICE

Any winch that appears to be faulty, damaged, worn, or operates abnormally **MUST BE REMOVED FROM SERVICE UNTIL REPAIRED, REPLACED OR OVERHAULED**. It is recommended that the necessary repairs **ARE** made by a manufacturer's authorized repair facility **ONLY**.

NOTICE

Pull only on areas of the vehicle as specified by the vehicle manufacturer.

Only accessories, attachments and/or adapters supplied by the manufacturer shall be used.

CAUTION

When using the tool, basic safety precautions should always be followed to reduce the risk of personal injury and damage to the equipment. Read all these instructions before using this tool!

IMPORTANT SAFETY INSTRUCTIONS

WARNING

Keep children away. Children must never be allowed in the work area. Do not let them handle machines, tools, extension cords or operate this tool.

WARNING

Store idle equipment. When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children.

CAUTION

Dress properly. Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective, electrically non-conductive clothes and non-skid footwear are recommended when working. Wear restrictive hair covering to contain long hair.

WARNING

Use eye and ear protection. Always wear impact safety goggles. Wear a full-face shield if you are producing metal filings or wood chips. Wear a dust mask or respirator when working around metal, wood, and chemical dusts, and mists.

CAUTION

Maintain this winch with care. Keep this tool dry and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect winch rope periodically and, if damaged, have them replaced immediately by an authorized technician. The handles must be kept clean, dry, and free from oil and grease always.

Disconnect or unplug remote switch when not in use.

ANGER

Stay alert, watch what you are doing, use common sense. Do not operate any tool when you are tired.

WARNING

Check for damaged parts. Before using this winch, any parts that appear worn or damaged should be carefully checked to determine that it will operate properly and perform to its intended function. Check for damage including alignments, binding of moving parts; mounting fixtures. Any part that is damaged should be properly repaired or replaced by a qualified person. Do not use the tool if any switch does not turn "On" and "Off" properly.

WARNING

Replacement parts and accessories. When repairing or servicing, only use identical replacement parts. The use of any other parts will void the warranty.

SAFETY INFORMATION

Warrior Winch Manual

NOTICE

The vehicle engine should always be kept running during winching operation to minimize battery drain and maximize power and speed of the winch. If the winch is used for a considerable amount of time with the engine switched off the battery will drain and be too weak to restart the vehicle engine. If this happens stop winching immediately, jump start the vehicle and charge the battery up before resuming winching operation.

NOTICE

Get to know your winch before you need to use it. We recommend that you set up a few test runs to familiarize yourself with rigging techniques; the sounds your winch makes under various loads and the way the cable spools on the drum, etc.

INSPECT the wire rope and equipment before each use. A frayed or damaged rope must be replaced immediately. Use only manufacturer's identical replacement rope with the exact specifications. (Ropes are not covered by any warranty offered)

INSPECT the winch installation and bolts to ensure that all bolts are tight before each operation or periodically.

NOTICE

Store the remote control lead inside your vehicle or in a safe place.

Never connect the winch cable back to itself. This will cause cable to damage. Always use a pulley, snatch block, sling or chain of suitable strength as shown in the illustrations.

NOTICE

Any winch that appears to be faulty, damaged, worn, or operates abnormally **MUST BE REMOVED FROM SERVICE UNTIL REPAIRED, REPLACED OR OVERHAULED**. It is recommended that the necessary repairs ARE made by a manufacturer's authorized repair facility ONLY.

NOTICE

Pull only on areas of the vehicle as specified by the vehicle manufacturer.

Only accessories, attachments and/or adapters supplied by the manufacturer shall be used.

CAUTION

When using the tool, basic safety precautions should always be followed to reduce the risk of personal injury and damage to the equipment. Read all these instructions before using this tool!

IMPORTANT SAFETY INSTRUCTIONS

WARNING

Keep children away. Children must never be allowed in the work area. Do not let them handle machines, tools, extension cords or operate this tool.

WARNING

Store idle equipment. When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children.

CAUTION

Dress properly. Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective, electrically non-conductive clothes and non-skid footwear are recommended when working. Wear restrictive hair covering to contain long hair.

WARNING

Use eye and ear protection. Always wear impact safety goggles. Wear a full-face shield if you are producing metal filings or wood chips. Wear a dust mask or respirator when working around metal, wood, and chemical dusts, and mists.

CAUTION

Maintain this winch with care. Keep this tool dry and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect winch rope periodically and, if damaged, have them replaced immediately by an authorized technician. The handles must be kept clean, dry, and free from oil and grease always.

Disconnect or unplug remote switch when not in use.

DANGER

Stay alert, watch what you are doing, use common sense. Do not operate any tool when you are tired.

WARNING

Check for damaged parts. Before using this winch, any parts that appear worn or damaged should be carefully checked to determine that it will operate properly and perform to its intended function. Check for damage including alignments, binding of moving parts; mounting fixtures. Any part that is damaged should be properly repaired or replaced by a qualified person. Do not use the tool if any switch does not turn "On" and "Off" properly.

WARNING

Replacement parts and accessories. When repairing or servicing, only use identical replacement parts. The use of any other parts will void the warranty.

SAFETY INFORMATION

Warrior Winch Manual

WARNING

Do not operate tool if under the influence of alcohol or drugs. Read warning labels on prescription to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate the tool.

DANGER

Keep hands and body away from Fairlead (cable intake slot) when operating.

Always secure vehicle in position before using winch.

WARNING

Be certain the winch is properly bolted to a structure (or vehicle) that can hold the winches maximum rated load.

Do not use inappropriate attachments to extend the length of the winch cable.

DANGER

Never lift people or hoist loads over people or lift live animals.

Never come in between the winch and the load when operating.

WARNING

Do not apply any loads to the winch when cable is fully extended past the safety mark. Keep at least 5 full wraps of cable on the spool. (Usually marked red on the winch cable at the drum end.)

After moving any piece of equipment with the winch, secure the equipment in place. Do not rely on the winch to hold for an extended period of time nor whilst in transport, winches are not securing device, By doing so will void any warranty

CAUTION

Examine winch before using. Components may be affected by exposure to chemicals, salts, and rust.

Do not cross over or go underneath winch cable when under load.

Use gloves while handling cable.

WARNING

Never operate winch if cable shows any signs of weakening, such as knotting or kinking. If it does you must replace immediately.

DANGER

Do not move your vehicle with the cable extended and attached to the load. You could easily exceed the winch rating and snap the cable.

When the vehicle is parked on an incline you should use wheel chocks.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION

Always re-spool cable neatly after any operation this will avoid any winch cable misalignment for the next use

CAUTION

The winch cable must be wound onto the drum under a load of at least 10% of the rated line pull or the outer wraps will draw into inner wraps and damage winch cable.

Before operating the winch under load you should check proper function of the winch by engaging and disengaging the clutch, by operating the directional controls, and operating the speed controls. This will ensure that the winch is working properly and will help prevent unintended damage and injury. Cycling the winch prior to loading will also ensure the gears are properly aligned.

CAUTION

Batteries contain gases which are flammable and explosive. Wear eye protection during installation and remove all jewelry. Do not lean over battery while making connections.

WARNING

It is **strongly recommended** a battery isolator is installed to protect vehicle, equipment and user from hazardous situations, if one isn't supplied it is recommended one is purchased and installed before operation of the winch.

Failure to install a battery isolator or safety cut off could result in damage to the vehicle, equipment and (or) operator and will result in voiding any warranty offered.

SAFETY INFORMATION

Warrior Winch Manual

Washer, Lock Washer, and M8 Nut secure the winch to the mounting channel.

4. Connect the battery and motor leads. Remember every type of winch is different.

CAUTION

Batteries contain gases which are flammable and explosive. Wear eye protection during installation and remove all jewelry. Do not lean over battery while making connections.

5. Assemble the Clevis Hook to the cable. Take off the pin from the Clevis Hook, connect the Clevis Hook to the cable and mount the pin back to the Clevis Hook.
6. Always use the Hand Saver (Optional) when free-spooling and re-spooling the wire rope. Using the Hand Saver keeps your hands and fingers away from the rotating drum.
7. Check for proper drum rotation. Pull or turn the clutch knob to the "OUT" "Disengage" position (Free-spooling). Pull out some cable from the drum, and then turn the clutch knob to the "IN" "Engage" position to engage the gears. Press the cable out button on the remote lead switch. If the drum is turning and releasing cable, then your connections are accurate. If the drum is turning and collecting more cable, then reverse the leads on the motor. Repeat and check rotation.

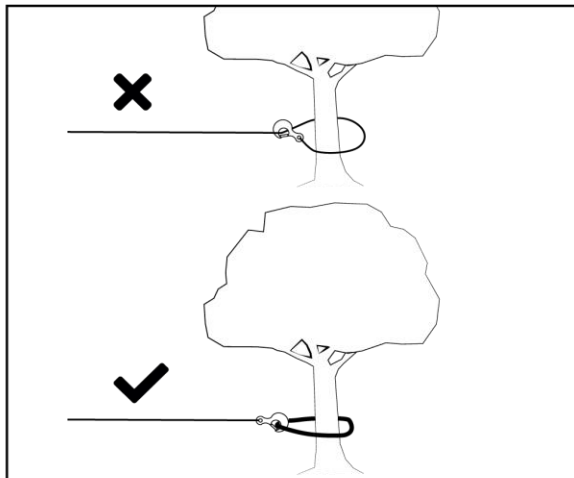
RIGGING TECHNIQUES

Locate a suitable anchor such as a strong tree trunk or boulder.

ALWAYS use a sling or strap as an anchor point on a object, Never use the cable or hook as an anchor point attached to an object.

CAUTION

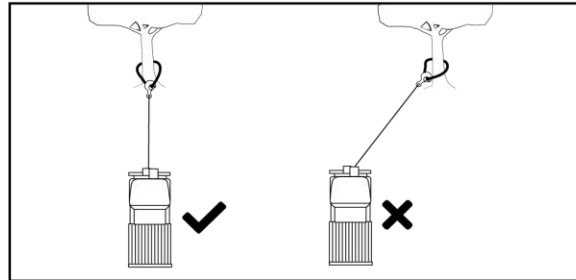
NEVER attach the clevis hook back onto the winch cable as this could cause damage to the cable.



IMPORTANT SAFETY INSTRUCTIONS

CAUTION

Do not winch from an acute angle as the wire rope will bind up on one side of the drum causing damage to wire rope (Bird Nesting) and cause major damage to winch and possible equipment.



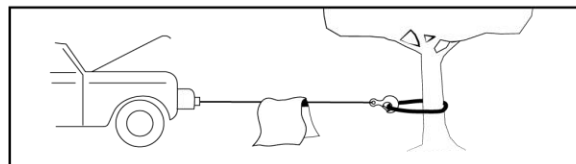
NOTICE

Short pulls from an angle can be used to straighten the vehicle/equipment. Long pulls should be done with the wire rope in a straight line to winch/vehicle, see above illustration.

CAUTION

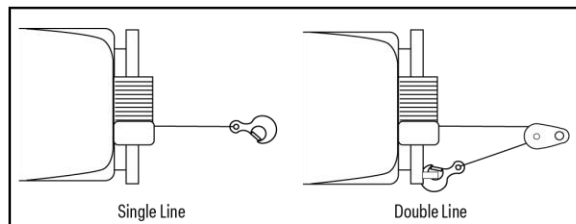
When pulling a heavy load, place a blanket or jacket over the wire rope five or six feet from the hook because in the event of a broken cable it will dampen the force.

For additional protection open the hood/bonnet of the vehicle as shown.



NOTICE

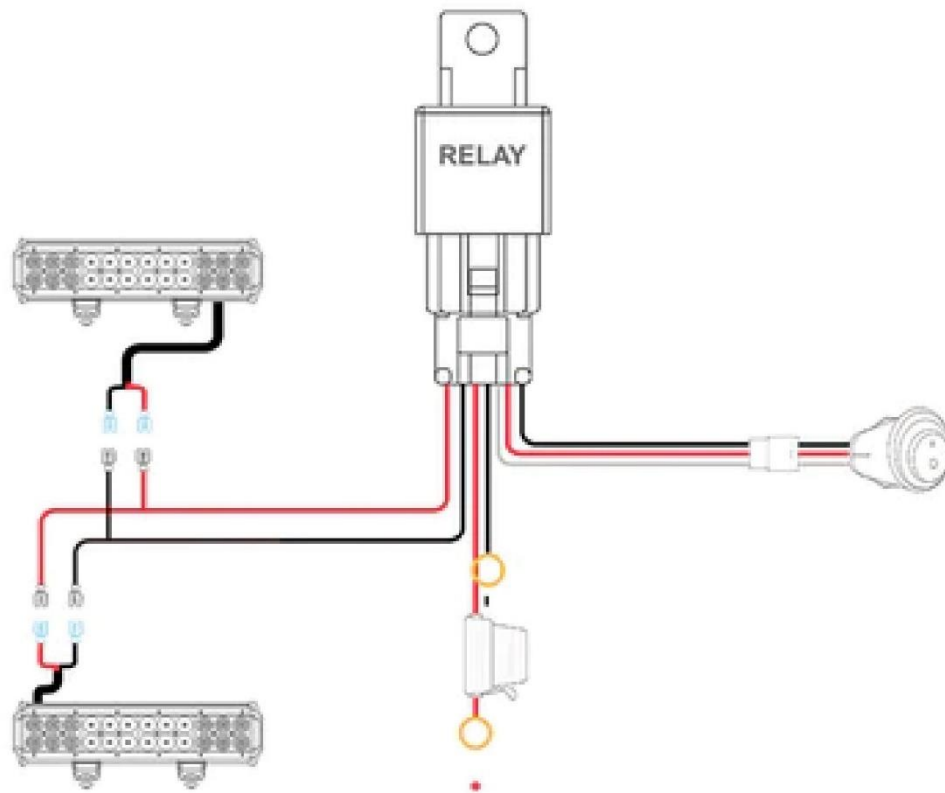
For pulls over 70% rated line pull, we recommend the use of the snatch/pulley block to double line the wire rope. This reduces the load on the winch and the strain on the rope.



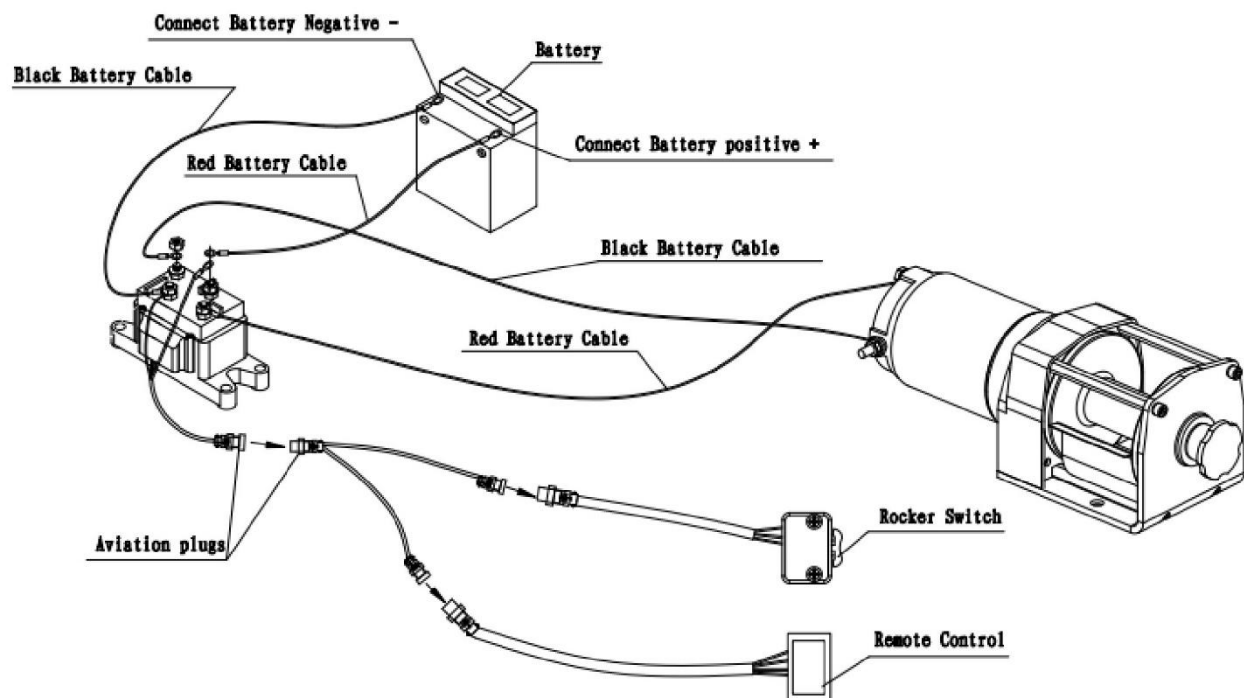
For more information go to <https://www.warriorwinches.com/pages/manuals/>

WIRING DIAGRAM

Worklight Wiring Diagram



Winch Wiring Diagram



STEP 1. Head over to youtube.com

youtube.com

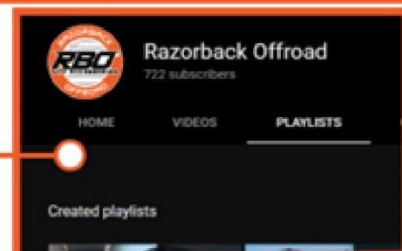
STEP 2. Search for "Razorback Offroad" in the search bar.

razorback offroad

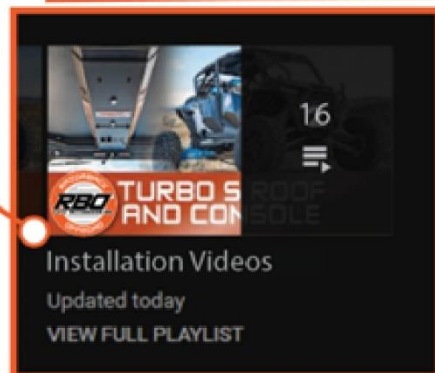
STEP 3. Find our channel. Be sure to hit subscribe!



STEP 4. Click on "Playlists" to view all of our playlists.



STEP 5. Head over to the "Installation Videos" playlist.



STEP 6. Find the video titled Polaris Ranger XP Sidepuller Winch Rack Installation



STEP 7. Sit back, learn, and enjoy!



Warning: Failure to follow the safety guidelines listed may result in voiding any applicable warranty, serious bodily injury, or death.

Warning: It is very important that you properly fill out your product registration form at razorbackoffroad.com/product-registration/ to register your equipment. By submitting the information within 15 days of your purchase, your warranty will be validated, ensuring that your equipment will be protected subject to the terms and conditions set out herein. In the event we need to contact you concerning your registered equipment, Product Updates, Service Bulletins, or Product Recalls, the information you have provided on the product registration form will ensure your immediate notification. Do your part and let us help you by filling out your product registration form.

MAINTENANCE

Visual Inspection for Each Use

Before each use, perform a thorough visual inspection of the unit and all accessories.


Inspect for:

- Evidence of physical damage such as cracking
- Bending
- Deformation of plates and welds
- Cracking or flaking of powder coat or paint
- Loose rivets or bolts
- The pulley sheave rotates freely
- Fraying of synthetic rope
- Wiring is secure
- Wiring connection not broken or corroded.

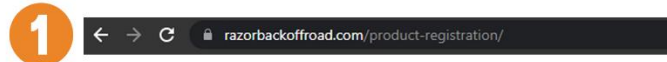
It is the operator's responsibility to inspect before each use.

If any unusual conditions exist, contact Razorback Offroad™ and remove the equipment from service immediately. Repair or replace the necessary components with RBO certified parts. Only use Razorback Offroad™ approved replacement parts. Failure to do so could result in damage, injury or death!

 **Failure to follow the safety guidelines listed may result in voiding any applicable warranty, serious bodily injury, or death.**

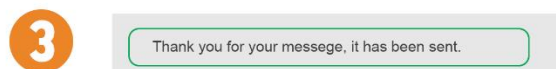
 It is very important that you properly fill out your product registration form at razorbackoffroad.com/product-registration/ to register your equipment. By submitting the information within 15 days of your purchase, your warranty will be validated, ensuring that your equipment will be protected subject to the terms and conditions set out herein. In the event we need to contact you concerning your registered equipment, Product Updates, Service Bulletins, or Product Recalls, the information you have provided on the product registration form will ensure your immediate notification. Do your part and let us help you by filling out your product registration form.

FOR PRODUCT REGISTRATION, ITS AS EASY AS THESE 3 STEPS!



IN YOUR BROWSER, NAVIGATE TO: RAZORBACKOFFROAD.COM/PRODUCT-REGISTRATION

COMPLETE THE FORM LOCATED ON THE PRODUCT REGISTRATION PAGE.



After completing the form Click on the
"SUBMIT YOUR PRODUCT REGISTRATION"
Button and you're all set!

It is very important that you properly fill out your product registration form at razorbackoffroad.com/product-registration (follow the screenshots above) to register your equipment. By submitting the information within 15 days of your purchase, your warranty will be validated, ensuring that your equipment will be protected subject to the terms and conditions set out herein. In the event we need to contact you concerning your registered equipment, Product Updates, Service Bulletins, or Product Recalls, the information you have provided on the product registration form will ensure your immediate notification. Do your part and let us help you by filling out your product registration form. Please fill out the product registration form at registration.intheditch.com within 15 days after purchase. This validates the warranty transfer and is essential for your protection. If RBO should ever need to contact you concerning compliance of your RBO equipment with any applicable safety standards, the information you have provided on the product registration form will ensure your immediate notification.

In the event you were not the original purchaser of the product, we still need you to register your In Razorback Offroad™ Products.

PLEASE TAKE THE TIME TO FILL OUT THE PRODUCT WARRANTY FORM.

GO TO: [RAZORBACKOFFROAD.COM/PRODUCT-REGISTRATION](https://razorbackoffroad.com/product-registration)

DOC1718