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## Warn winch manual release

This document contains links to various manuals and guides for different winch models. The materials include installation instructions, operators' manuals, and replacement parts lists in multiple languages. The specific documents cover the following winch models: \* Winches with model numbers 9.0RC, 9.5XP, 16.5ti, M8, M12, M15, and M8274. \* Each document includes a range of information, such as: + Installation guides for standard and premium versions + Synthetic rope installation and operators' manuals + Replacement parts lists \* The documents are available in multiple languages, including English, French, Spanish, German, Swedish, Italian, Portuguese, Finnish, Danish, Dutch, and others. Winches and Control Modules - Comprehensive Resource Library The provided text is a list of various guides, manuals, and documentation for winches and control modules. These resources are available in multiple languages, including English, French, Spanish, German, Swedish, Italian, Portuguese, Finnish, Danish, Chinese, Japanese, Polish, and Dutch. Winch Installation Guides: - VR Evo: A comprehensive installation guide for the VR Evo winch, covering technical specifications and safety precautions. - XD9 Winch: A step-by-step installation guide for the XD9 winch, including international language support. - Zeon XP: An installation guide for the Zeon XP winch, featuring a quick start guide and replacement parts list. Control Module Instructions: - VR Evo Control Module: Detailed instructions for installing and operating the VR Evo control module. Winch Operation Guides: - Zeon XD & XP Winch Operation Guide: A comprehensive guide covering operation, maintenance, and troubleshooting for both Zeon XD and Zeon XP winches. - Zeon Platinum - Synthetic Rope Install and Operation Guide: A detailed guide on installing and operating synthetic ropes with the Zeon Platinum winch. Quick Start Guides: - Zeon XP Quick Start Guide: A concise guide providing essential information for quickly setting up and using the Zeon XP winch. - Zeon Platinum Quick Start Guide: A quick start guide for the Zeon Platinum winch, available in multiple languages. Replacement Parts Lists: - VR Evo Replacement Parts List - XD9 Winch Replacement Parts List - Zeon XP Replacement Part List Only - Zeon XD Winch Service Manual and Replacement Parts List Relocation Kit Instructions: - ZEON XD Control Pack 31" Relocation Kit Instructions - ZEON XD Control Pack 78" Relocation Kit Instructions Product manuals and documentation are available in multiple languages for various equipment models, including winches, hoists, plow systems, and drill winches. The documents cover installation, operation, maintenance, and troubleshooting guidelines. Manuals for specific products include: \* Axon Winch Operator's Manual \* VRX Winch Installation and Operation Guide \* Provanstage II Plow System Basic Guide to Plowing \* 1000AC and 1500AC Winch Installation and Operator's Manuals \* Drill Winch Installation and Operation Guides (International) \* PullZAll Installation and Service Guides for AC and DC models Hoist manuals are also available in multiple languages, including: \* DC800 and DC1000 Hoists User Guide \* DC1200 Hoist 12V and 24V Replacement Parts List \* DC1600 Hoist 12V and 24V Replacement Parts List \* DC2000 Large Frame and Medium Frame Hoists User Guides Additionally, hydraulic hoist manuals are available for the HY2000 and HY3000 models, covering topics such as replacement parts and maintenance. Hoist Replacement Parts Lists and Manuals Available for Various Series G2 and Industrial Winches. The lists include electric or hydraulic winch replacement parts for different models, such as the Series G2 9, Series G2 12, Series G2 15, and more. Additionally, manuals in multiple languages are available for each series of winches, including English, French, Spanish, German, Swedish, Italian, Dutch, Finnish, and Portuguese. The company also offers industrial winch installation guides for different models, such as the Series 6, Series 9, and Series 18. According to the Creative Commons license, users are free to share, adapt, and redistribute the material for any purpose, even commercially, as long as they give proper credit and indicate if changes were made. \*\*Safety Precautions and Instructions\*\* When using the Drill Winch with Lineman Adapter, it's essential to follow these safety tips and guidelines: 1. \*\*Inspect the winch line and accessories\*\*:. Before use, check for any visible damage or signs of wear, such as cut strands or chaffing. 2. \*\*Ensure proper alignment and attachment\*\*:. Verify that the quick-disconnect is properly seated in the drill chuck and that there are no excessive vibrations during rotation. 3. \*\*Do not use with impact wrench\*\*:. This winch is designed for drilling applications only, do not use it with an impact wrench. 4. \*\*Disconnect power tool when not in use\*\*:. Always remove the power tool (drill) via the quick-disconnect release pin when not operating the winch. 5. \*\*Follow company safety rules and procedures\*\*:. Adhere to your company's existing work safety rules and procedures for pulling and tensioning. \*\*Operating Instructions\*\* 1. Read the Drill Winch Operator's Manual to understand the winch and its operations. 2. If damaged, modified, or not functioning properly, remove the winch from service. 3. The winch is designed for standard 3-jaw drill chucks and comes with a quick-disconnect feature. \*\*Kit Components\*\* \* LDW-0: 1 pc Drill Winch \* LDW-SS: 2 pcs Soft Shackles (LDW-BAG) \* LDW-BAG: Camo Bag with Handles \*\*Technical Specifications\*\* \* Rated Pulling Force: 9,000 lbf \* Drum Barrel Diameter: 8.24 in \* Recommended Maximum Wire Rope Diameter: 1/2 in \* Recommended Minimum Wire Rope Breaking Strength: 15,100 lbf Please note that this paraphrased version is condensed and may not include all the details of the original text. 1. \*\*Mechanical Components\*\*:. \*\*Fairlead\*\*:. Available in Black and Chrome. - \*\*Remote Clutch\*\*:. With a Mechanical or Air-operated setup. - \*\*Wire Rope Assembly\*\*:. For 3/8" x 125 drums, with EIPS rotation for 4082 kgf load capacity. - \*\*Drum Rotation Image & Specifications\*\* \* Drum diameter: 102 mm \* Drum length: 209 mm and 253 mm (for different models) \* Line speed: Up to 45.4 m/min and 13.8 f/min. \* Pressure drop at 15 GPM: From 16.7 BAR to 2027 kgf. 2. \*\*Performance Data\*\* -. \*\*Line Load\*\*:. Up to 912487 lbf, with a load capacity of 36.3 kg. - \*\*Drum Capacity\*\*:. Varies from 60.0 ft to 126 ft for different models. 3. \*\*Safety Information and Compliance\*\*:. \*\*Standards\*\*:. Meets SAE J706, CE Machinery Directive 98/37/EC, and 2006/42/EC standards. - \*\*Duty Cycle\*\*:. Up to 2500 BAR min / 10 min for certain models. 4. \*\*Motor Type and Specifications\*\*:. \*\*Motor\*\*:. Hydraulic with a 4.9 ci (80 cc) capacity. - \*\*Linespeed Graphs\*\*:. Available for 2, 3, or 4 layer configurations at different pressures. 5. \*\*Installation and Safety\*\* -. \*\*Winch Installation Guide\*\*:. Includes important safety information and installation instructions. - \*\*Basic Guide to Winching Techniques\*\*:. For proper winching operation and rigging techniques. - \*\*Table of Contents\*\*:. Providing detailed information on various topics related to the winch's installation, use, and safety. Always wear hearing protection and eye gear. Don't use the winch as a crane. Keep people away from the load. Use the hook strap that comes with it. Don't put weight on the hook tip or latch. Wind the rope correctly, not over the top of the drum. Be careful around sharp edges and moving parts. Avoid crushing your hands or fingers. Never have electrical cables near fire hazards. Warn Industries makes this product and their logo is a registered trademark. Contact them at 1-800-543-9276 for customer service in the USA or visit [www.warn.com](http://www.warn.com). Insulate any exposed wiring to avoid shock. Don't install wires around pinch points or where they can get worn down. Be aware of the winch's capacity and don't overload it. Read the manual before using your winch, especially if you're new to winching. \* When handling the winch's rope, always wear heavy leather gloves. \* Do not use the winch or its rope for towing, as shock loads can cause damage and breakage. \* Refrain from operating the winch under the influence of substances like drugs, alcohol, or medication, and never allow individuals under 16 years old to operate it. \* Install the remote securely in a location that can withstand its maximum pulling capacity, using class 8.8 metric (grade 5) hardware and approved components. \* During installation and operation, keep hands clear of the rope, hook loop, hook, and fairlead opening. \* Before first use, prestretch the rope under load to reduce the chances of "binding" and potential damage. When handling and installing products, use proper posture/lifting technique or seek assistance to avoid injury. Always spool rope onto the drum in the direction indicated by the winch warning label, ensuring automatic brake functionality. Additionally, be mindful of hot surfaces during or after winch use. To prevent hand/finger injuries, wear heavy leather gloves and be aware of potential hazards. Ensure safe working conditions by: \* Removing jewelry and wearing eye protection \* Avoiding electrical cable routing across sharp edges, near heat sources, or through moving parts \* Protecting exposed wiring and terminals with insulation and boots \* Verifying area clearance before drilling \* Consulting the operator's manual for proper wiring details To prevent minor/moderate injuries from entanglement hazards: \* Never leave the remote control activated during free spooling, rigging, or when the winch is not in use \* Unplug the remote control when installing, freespooling, servicing, or when the winch is idle \* Avoid side pulls to prevent damage to the winch rope or equipment \* Ensure clutch engagement/disengagement and vehicle frame protection during anchoring operations Remember to store the remote control in a protected area and handle electrical components with caution. Always follow mounting and safety instructions for your ATV/UTV winch system, and verify that no exposed electrical connections exist before energizing the winch circuit. Mounting WARN Winch ATV/UTV Kits and Contactor Installation Step 1: Mount the Winch Mounting kits for WARN winch are available from authorized dealers, offering a solution for most ATV/UTV applications. To ensure optimal performance, use WINN recommended mounting plates. Always follow safety guidelines when installing the winch. For secure installation: - Use a flat and thick mounting location (at least 4.8 mm or 3/16 in.) - Install 8 mm Lock washers - Secure with M8-1.25 X 20 mm class 8.8 hex head cap screws Prevent accidental activation by following the correct procedure: - Use M8-1.25 X 25 mm class 8.8 hex head cap screws on motor side of base as shown in Figure 3 - Torque mounting bolts to 16 N-m (12 lb-ft) - Remove bottom tie bolt and elastic band retaining rope Step 2: Mount the Contactor The contactor is a critical component, controlling electrical power to the winch. Correct installation is crucial for proper operation. Follow these steps: 1. Disconnect vehicle battery cables, negative terminal first - Ensure all electrical work is completed with the battery disconnected from vehicle wiring - Avoid leaning over batteries and avoid routing cables over terminals 2. Mount the contactor close to the battery in a clean and dry location - Avoid mounting near heat sources or areas that collect water - Verify area is clear of fuel lines, brake lines, electrical wires, etc. 3. Drill mounting holes for the contactor and proceed with installation - Always verify area is clear before drilling CAUTION: Never short battery terminals with metal objects or mount the contactor in a position that might come into contact with these components. Green Spade Connector Brown Spade Connector Black Spade Connector Figure 4. Contactor for WARN ATV/UTV winch WARN INDUSTRIES 89294A0 8 Yellow Terminal (positive +) Mounting Bracket MOUNTING Step 3: Secure the Handlebar Switch Carefully Install the switch on the left handlebar, ensuring full range of motion. Use electrical tape to prevent rotation. Avoid routing wires across sharp edges, near hot parts, or through moving components. Route the wire harness to the contactor's mounting location after installation. Step 4: Connect the Wires Splice the red 20ga wire to a key-controlled accessory circuit (power-point) of the ATV/UTV, ensuring power only when the key is in the "ON" position. For dual-switch installations, both wires must be connected as described on page 9. Mounting and drilling precautions apply. Step 5: Install the Dash Switch (optional for UTV models) Verify the area is clear of fuel lines and other components before drilling. Install the dash switch using a bracket and supplied fasteners at the predetermined location on specific models. Cut a rectangular slot as depicted in Figure 10. Next, route the wire harness to where the contactor will be installed, ensuring it doesn't cross sharp edges, hot parts, or moving components. Avoid pinch points and wear/abrasion areas when installing electrical cables. To prevent serious injury or death, always follow these guidelines: \* Never route electrical cables across sharp edges. \* Never route electrical cables near parts that get hot. \* Never route electrical cables through or near moving parts. \* Avoid pinch and wear/abrasion points when installing all electrical cables. For switch wiring details, refer to the provided wiring diagram with the contactor. If you're installing both switches, ensure the 20 gauge red wires are spliced to a key-controlled accessory circuit of the ATV/UTV as described in step 4 on page 9. Step-by-step installation: 1. Slip terminal boots onto yellow and blue cable ends, following Figure 11. 2. Attach yellow and blue electrical cables to motor terminals on the winch. Torque the terminal nuts to 5.7 N-m (50 lb-in). Seat boots over terminal. Preventive measures: \* Always insulate and protect all electrical cables. \* Never route electrical cables across sharp edges, near hot parts, or through moving components. \* Avoid pinch and wear/abrasion points when installing all electrical cables. 8. Adjust cables for orderly and straight routing from the contactor. Avoid kinks or sharp bends in cables. 9. Carefully inspect battery and winch electrical cable routing. Ensure it's neat and tidy, away from sharp edges, moving parts, and sources of heat. Secure electrical cables with zip ties, protecting insulation with tape, rubber hose, or conduit where necessary. 10. Attach battery cables (red first, then black), installing boots as needed to protect connections. Torque terminal fasteners according to the vehicle service manual. 11. Route yellow and blue electrical cables back to the contactor, placing boots over ring terminals. Install ring terminals on color-coded posts, finger-tightening nuts to retain them. Do not tighten nuts or seat boots at this time. First, connect the cables to their corresponding posts on the contactor. Use red cable for red post and black cable for black post. Secure ring terminals with nuts but do not over-tighten them at this stage. Route the cables to the battery without making any connections yet. Next, mount the contactor in the location previously planned. Tighten the mounting fasteners securely with a torque of 5.7 N-m or 50 lb-in. Refer to Figure 11 for wiring installation guidance. Before initial use and after every operation, inspect the winch system thoroughly. Check all connections are secure, and there's no exposed wiring or terminals. Cover any exposed areas with terminal boots, heat shrink tubing, or electrician's tape. Inspect the rope for damage and replace it immediately if necessary. When preparing for operation, ensure the key switch is set to the "ON" position. Verify that the winch operates correctly by checking the direction of rope spooling indicated on the switch. Regular maintenance includes inspecting the system every 90 days. For further assistance or inquiries, contact WARN INDUSTRIES at 12900 S.E. Capps Road, Clackamas, OR USA 97015-8903, phone 1-503-722-1200, or visit [www.warn.com](http://www.warn.com). In addition to reading this guide, review the Basic Guide to Winching Techniques included with your winch for a comprehensive understanding of its operation and safety precautions. Des câbles synthétiques sont disponibles en option. Si vous avez besoin d'un document manquant, veuillez nous contacter aux numéros ci-dessous ou visiter notre site [www.warn.com](http://www.warn.com). TABLE DES MATIÈRES : SECURITÉ Index des symboles ..... 16 Mesures générales de sécurité .....17-19 Conditions de travail sûres ..... 20 INSTRUCTIONS Montage ..... 21-25 Montage du treuil ..... 22-25 Montage du treuil .....26-27 Vérifications du système .....28 SYMBOLE EXPLICATION Lire tous les documents relatifs au produit Toujours porter un dispositif de protection auditive et oculaire Ne jamais utiliser le treuil comme palan Positionner correctement la charge dans la gorge du crochet Enrouler le câble sur le dessous du tambour Danger d'écrasement des doigts dans le guide-câble Risque de perçement/ coupure des mains Risque d'explosion/ rupture Danger en raison d'une arête tranchante SYMBOLE EXPLICATION Toujours porter des gants de cuir Ne pas déplacer des personnes Toujours utiliser la sangle de crochet fournie Ne jamais appliquer la charge sur l'extrémité ou le loquet du crochet Ne jamais enrouler le câble sur le dessus du tambour Point de pincement du guide-câble Risque de surface chaude Risque d'incendie et de brûlure Danger lié à des pièces mobiles Warn® and the WARN logo are trademarks of Warn Industries Inc. © 2012 Warn Industries Inc. 12900 SE Capps Road, Clackamas, OR 97015, États-Unis Service à la clientèle : (800) 543-9276 No. de Fax international : (503) 722-3005 Télécopie : (503) 722-3000 [www.warn.com](http://www.warn.com) Éviter les points de pincement et d'usure/ abrasion lors de l'installation des câbles électriques \*\*Warning:\*\* Failure to follow these guidelines can result in minor or moderate injuries. The warning also applies to hazardous use. \*\*ATTENTION\*\* and \*\*AVERTISSEMENT\*\* identify a danger, explain how to avoid it, and show its possible consequences if ignored. \*\*AVIS\*\* provides instructions to prevent material damage. \*\*REMARQUE\*\* provides additional information to help complete a procedure. \*\*WORK SAFELY!\*\* \*\*DANGER OF HAPPENING DUE TO MOBILE PIECES\*\*:. Failure to follow these guidelines can result in severe injuries or death. To avoid accidents: \* Always ensure the hook's latch is closed and does not support any load. \* Never apply force to the hook's end or latch. Only apply force at the center of the hook. \* Do not use a hook with an enlarged or bent/twisted throat. \* Always use a hooked device with a latch. \* Ensure the operator and anyone present are aware of the vehicle's stability and/or load. \* Keep the remote control and power cord away from the drum, cable, and wiring. Check for any gaps, pinching points, loose wires, or open connections. All damaged components must be replaced before using the product. Additional guidelines: \* Always pass the remote control through a window when using it inside a vehicle. \* Never attach the cable to itself. \*\*GENERAL SAFETY GUIDELINES:\*\* \* Always familiarize yourself with the winch. \* Do not exceed the nominal capacity of the winch. \* Always wear thick leather gloves during use. \* Do not use the winch or its cable for any purpose other than lifting. \* Do not use the winch to maintain a load. \* Never operate the device under the influence of drugs, alcohol, or medication. \*\*SAFETY GUIDELINES FOR INSTALLATION:\*\* \* Always choose a suitable mounting surface. \* Use approved mounting materials and do not weld them together. \* Ensure all hands are kept away from the cable. \* Position the cable guide correctly. \* Stretch the cable before use and coil it properly after use. \* Read the user manual and/or basic winching techniques manual to understand the winch and its operation. \*\*ADDITIONAL WARNING:\*\* \* Always ensure the cable is suitable for the load capacity of the vehicle and does not exceed the maximum traction capacity of the winch. A double-rope configuration with an opening pule can reduce the load on the winch. However, this can cause the cable to become damaged, overcharged, or broken if not used correctly. le câble de treuil doit être enroulé de manière serrée avant l'utilisation pour éviter les dommages et assurer la sécurité. Pour une installation sécurisée du produit, il est essentiel d'obtenir de l'aide si nécessaire. Enrouler correctement le câble sur le tambour dans le sens indiqué par l'étiquette d'avertissement ou la documentation peut empêcher le frein automatique d fonctionner correctement. Il faut toujours suivre les consignes pour éviter les blessures graves ou la mort. Before installing the winch, make sure you have turned off any electrical connections and are not exposed to electrical shock. For specifications and performance data, refer to the technical sheet provided with the winch. RISK OF CUTTING AND BURNING Failure to follow instructions can result in minor or moderate injuries. \* Never let the winch cable slide into your hands. WARN INDUSTRIES 19 89294A0 installed on the handle of the contactor and the remote control (optional on some models). Carefully read and understand these instructions to choose the right mounting locations. WARN INDUSTRIES 89294A0 20 Figure 1: To install the complete kit, you must first install the winch, then the mini-switch... Safe Working Conditions MONTAGE Step 1 - Install the Winch You will find kits for installing winches on quads and utility vehicles that can meet almost all your needs. For more information about available kits, contact your WARN dealer. NOTE: To get optimal performance and results, WARN mounting plates are strongly recommended. CAUTION Accidental winch activation and severe injuries can occur if you do not fix the hook before installing the wiring. To secure the winch, always use the following: \* A flat and sturdy mounting surface with a thickness of at least 4.8 mm. \* Locking washers 8 mm. \* Use M8-1.25 X 20 mm hex head bolts category 8.8 for a single mounting plate. To prevent accidental activation... Step 1: Install the winch on the mounting surface. Tighten the screws to 16 N-m. Step 2: Remove the lower screw. This screw must be kept during maintenance of the winch. Step 3: Remove the rubber band holding the cable. Step 4: Put the brake in free wheel mode. Step 5: Manually pass the loop through the guide cable. Step 6: Attach the hook to the cable loop and reapply the brake. WARNING Always use the provided hook cord. Step 7: Install the hook strap on the hook. Step 2 - Install the contactor Your new WARN winch can do a lot! This winch converts electrical current into mechanical power. The contactor is the electromagnetic switch that controls the electrical feed to the winch. It must be correctly installed to ensure proper functioning and the winch's performance. These instructions will guide you through the installation of your WARN contactor. 1. Disconnect the battery cables from the vehicle, starting with the negative terminal. All work on wires and cables must be done with the vehicle's battery disconnected. WARNING Serious injury or death can occur if... AVERTISSEMENT IMPORTANT Ne jamais travailler avec les batteries des quad ou véhicules utilitaires sans suivre les instructions de sécurité et les precautions nécessaires, car la mort peut être la conséquence d'une mauvaise manipulation. Il est conseillé de installer le contacteur près de la batterie dans un emplacement sûr pour éviter les blessures et assurer une alimentation électrique stable. L'emplacement choisi doit être sec et propre, loin des sources de chaleur et des outils qui peuvent entrer en contact avec les bornes du contacteur. Avant de percer ou d'installer le contacteur, assurez-vous que la zone est exempte de conduites de carburant, de réservoirs de carburant, de conduites de frein, de câblage électrique et autres objets métalliques. Percez les trous de montage du contacteur avec soin et passez à l'étape suivante. N'installez PAS le contacteur pour le moment, mais suivez attentivement les instructions fournies dans la documentation pour votre quad ou véhicule utilitaire.