

WARN 89611

Warn ZEON 10-S Winch Instruction Manual

Model: 89611 | Brand: WARN

1. INTRODUCTION

The Warn ZEON 10-S Winch (Model 89611) is a high-performance recovery tool designed for demanding off-road conditions. Featuring a 10,000 lb. capacity and durable synthetic rope, this winch offers reliable pulling power with advanced engineering for efficiency and longevity. Its distinctive styling and robust construction ensure it is capable and strong, ready for any challenge.

Key features include a uniquely balanced design, best-in-class sealing for corrosion resistance, and a convertible control pack for versatile mounting options.

2. SAFETY INFORMATION

WARNING: Read and understand all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in serious injury or death.

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

- Always wear appropriate personal protective equipment (PPE), including gloves and eye protection, when operating the winch.
- Ensure the winch is securely mounted to a structurally sound part of the vehicle.
- Never exceed the rated line pull capacity of the winch.
- Keep hands and clothing clear of the winch drum, rope, and fairlead during operation.
- Inspect the synthetic rope and all components for damage before each use.
- Do not operate the winch if any part is damaged or malfunctioning.
- Always use a tree saver strap or similar anchor point to protect trees and other natural objects.
- Ensure the vehicle is properly secured and the parking brake is engaged during winching operations.

3. COMPONENTS OVERVIEW

The Warn ZEON 10-S Winch comes with all necessary components for installation and operation:

- **Winch Assembly:** Includes the motor, gear side, and large diameter aluminum winch drum with pre-installed synthetic rope.
- **Synthetic Rope:** High-strength, lightweight synthetic rope designed for durability and reduced wear.
- **Roller Fairlead:** Guides the synthetic rope smoothly onto and off the drum.
- **Control Pack:** Convertible design allows for integrated or remote mounting.
- **Remote Control:** Wired and wireless control options for safe operation.
- **Winch Hook:** Durable hook for secure attachment to recovery points.
- **Power Cables:** Heavy-gauge cables for connecting the winch to the vehicle's battery.



The Warn ZEON 10-S Winch, featuring a sleek black finish, synthetic rope, and a durable hook, ready for off-road recovery.



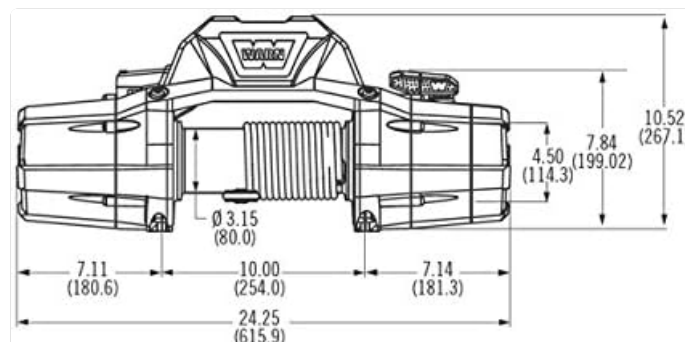
An X-ray view of the Warn ZEON 10-S Winch, highlighting its internal motor, gear train, and drum assembly, showcasing its robust engineering.

4. SETUP (INSTALLATION)

Proper installation is crucial for the safe and effective operation of your Warn ZEON 10-S Winch. It is recommended to consult the detailed Installation Manual (PDF) for specific steps tailored to your vehicle.

4.1 Mounting the Winch

The winch can be mounted as an integrated unit or with a low-profile setup using a relocation kit for the control pack. Ensure the mounting surface is strong enough to support the winch's weight and pulling forces.



Detailed diagram showing the precise measurements of the Warn ZEON 10-S Winch, including length, width, and height, crucial for installation planning.

4.2 Electrical Connections

Connect the heavy-gauge power cables to your vehicle's battery, ensuring proper polarity. The winch operates on 12 Volts. All electrical connections should be secure and protected from the elements.

4.3 Rope Installation

The synthetic rope comes pre-installed on the drum. For initial setup or re-spooling, ensure the rope is wound tightly and evenly under tension. This helps prevent damage and ensures optimal performance.

Official video demonstrating the correct procedure for installing the synthetic rope onto Warn ZEON winches, ensuring proper winding and secure attachment.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the winch controls and proper winching techniques before use.

5.1 Engaging and Free Spool

The winch features a lever for engaging and free spooling the rope. In free spool mode, the drum can rotate freely, allowing you to manually pull out the rope. Engage the clutch before beginning any winching operation.

5.2 Using the Remote Control

The wired and wireless remote controls allow you to safely operate the winch from a distance. Ensure the remote is securely connected or paired before use. Use the 'IN' button to retract the rope and 'OUT' button to extend it.

An in-depth look at the features and benefits of Warn ZEON winches, covering design, performance, and durability aspects.

5.3 Winching Techniques

- Always use a recovery strap or chain to connect to the anchor point.
- Ensure the vehicle is stable and the wheels are chocked if necessary.
- Maintain a safe distance from the winch rope and vehicle during operation.
- Use a dampener (e.g., a heavy blanket or jacket) over the rope to absorb energy in case of breakage.
- Winch in short, controlled pulls rather than continuous long pulls to prevent overheating.



A red Jeep Wrangler equipped with the Warn ZEON 10-S Winch, demonstrating its integrated appearance on a vehicle's front bumper.



A grey Jeep Rubicon showcasing the Warn ZEON 10-S Winch installed on its front, highlighting its low-profile design.



A white Nissan Frontier truck with the Warn ZEON 10-S Winch installed, illustrating its versatility across different vehicle types.

6. MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your Warn ZEON 10-S Winch.

- **Cleanliness:** After each use, especially in muddy or wet conditions, clean the winch and rope thoroughly. Use fresh water to rinse off dirt and debris.
- **Rope Inspection:** Regularly inspect the synthetic rope for frays, cuts, or excessive wear. Replace the rope if any damage is observed.
- **Electrical Connections:** Check all electrical connections for corrosion or looseness. Clean and tighten as necessary.
- **Hardware:** Inspect all bolts and fasteners for tightness. The winch features stainless steel fasteners for enhanced corrosion resistance.
- **Lubrication:** Refer to the detailed user manual for specific lubrication points and recommended lubricants.

7. TROUBLESHOOTING

If you encounter issues with your Warn ZEON 10-S Winch, refer to the following common problems and solutions:

- **Winch Not Operating:**
 - Check battery connections for tightness and corrosion.
 - Ensure the remote control is properly connected or paired and has power.
 - Verify the vehicle's battery is fully charged and capable of supplying sufficient current.
- **Slow or Weak Operation:**
 - Check for excessive load on the winch; ensure the load is within the rated capacity.
 - Inspect electrical connections for poor contact or corrosion.

- Allow the winch motor to cool down if it has been used continuously, as overheating can reduce performance.

- **Rope Damage/Wear:**

- Ensure the rope is spooled evenly on the drum to prevent pinching or damage.
- Avoid dragging the rope over sharp edges or abrasive surfaces.
- The large aluminum winch drum is designed to reduce rope wear; ensure it is clean and free of obstructions.

For more complex issues, consult the detailed troubleshooting section in the User Manual or contact Warn customer support.

8. SPECIFICATIONS

Feature	Specification
Manufacturer	Warn
Part Number	89611
Item Weight	80.4 pounds
Product Dimensions	26.25 x 8.5 x 19.75 inches
Item Model Number	89611
Size	ZEON 10-S
Material	Plastic
Voltage	12 Volts
Item Package Quantity	1
Warranty Description	limited




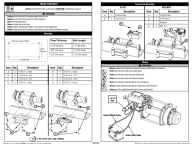

9. WARRANTY & SUPPORT

The Warn ZEON 10-S Winch comes with a limited warranty. For detailed warranty information, claims, or technical support, please refer to the official documentation or contact Warn customer service.

9.1 Official Documentation

- [User Guide \(PDF\)](#)
- [User Manual \(PDF\)](#)
- [Installation Manual \(PDF\)](#)

Related Documents - 89611

	<p>WARN Industries 2007-08 Off-Road Products and Application Guide</p> <p>Explore WARN Industries' comprehensive range of durable, high-performance off-road winches, bumpers, mounting systems, and accessories designed for trucks and SUVs. This guide details product applications and specifications for off-road enthusiasts.</p>
	<p>WARN 2019-2020 Product and Application Guide for Trucks, SUVs, and Powersports</p> <p>Explore the WARN 2019-2020 Product and Application Guide, featuring premium winches, accessories, and recovery gear for trucks, SUVs, Jeeps, powersports, industrial, and commercial vehicles. Discover advanced technology and reliable performance.</p>
	<p>WARN 2021-2022 Product and Application Guide - Winches, Bumpers, and Accessories</p> <p>Explore the comprehensive WARN 2021-2022 Product and Application Guide, featuring a wide range of winches, bumpers, accessories, wheels, and 4WD hubs for trucks, SUVs, powersports, and industrial vehicles. Discover high-performance off-road equipment from WARN Industries.</p>
	<p>WARN Heavyweight Winch Installation Guide: 16.5Ti & M12/M15</p> <p>Installation instructions for WARN Heavyweight electric winches, covering the 16.5Ti and M12/M15 models. Details mounting hardware, control pack setup, and wiring procedures with safety precautions.</p>
	<p>WARN M12-S Winch Parts List and Ordering Information</p> <p>Comprehensive parts list for the WARN M12-S 12VDC winch (P/N 17801, 87801). Includes ordering information, part numbers, descriptions, and component details. Content available in English, Spanish, and French.</p>



[WARN Winch Mounting Kit 28876 Installation Instructions for Yamaha Big Bear](#)

Detailed installation guide for the WARN Winch Mounting Kit (Part Number 28876) for Yamaha Big Bear 1987-1998 4x4 and 2x4 models. Includes safety precautions, parts list, torque specifications, and maintenance tips.