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Superwinch 1125260

Superwinch Terra 2500 Winch with Roller Fairlead and 40ft Steel Rope (Model 1125260) Instruction Manual

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Superwinch Terra 2500 Winch. This robust winch system is designed for various pulling applications, featuring a 2500 lbs capacity, a roller fairlead, and a 40ft steel rope.



Image 1.1: The Superwinch Terra 2500 Winch, showcasing its compact design and integrated roller fairlead.

Key Features:

- **2500 lbs Winch Capacity:** Engineered for reliable pulling power.
- **Roller Fairlead:** Reduces friction and wear on the steel rope during angled pulls.
- **40ft Steel Rope:** Durable and strong for demanding tasks.
- **Compact Design:** Item Package Dimension: 16.14L x 9.84W x 8.66H inches.
- **Complete Package:** Includes all necessary components for installation and operation.

2. SAFETY INFORMATION

Read and understand all safety warnings and instructions before installing, operating, or servicing this winch. Failure to follow these instructions may result in serious injury or property damage.

General Safety Precautions:

- Always wear heavy-duty gloves when handling the steel rope.
- Never exceed the rated line pull capacity of the winch.
- Keep hands and clothing clear of the rope, fairlead, and drum during operation.
- Inspect the winch, rope, and all rigging components before each use for damage or wear.
- Ensure the vehicle's engine is running during winching to maintain battery power.
- Use a tree trunk protector or anchor strap when attaching to trees to prevent damage.
- Always use a dampener (e.g., a heavy blanket) over the rope during winching to absorb energy in case of rope failure.
- Never operate the winch under the influence of drugs or alcohol.

Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking.



Image 3.1: All components included with the Superwinch Terra 2500 Winch, including the winch unit, remote, and wiring.

- Superwinch Terra 2500 Winch with 40ft Steel Rope and Roller Fairlead
- Wired Remote Control
- Solenoid/Contactor
- Battery Cables
- Mounting Hardware
- Instruction Manual (this document)

4. SETUP AND INSTALLATION

Proper installation is crucial for safe and efficient winch operation. If you are unsure about any step, consult a qualified professional.

4.1 Mounting the Winch

1. Select a suitable mounting location on your vehicle or trailer that can support the winch's weight and pulling forces. A dedicated winch mounting plate or bumper is recommended.
2. Position the winch and roller fairlead, ensuring the rope can spool evenly onto the drum.
3. Secure the winch using the provided high-grade bolts, washers, and nuts. Tighten all fasteners to the manufacturer's specifications.

4.2 Electrical Connections

All electrical connections must be clean, tight, and protected from corrosion and abrasion.

1. Disconnect the vehicle's battery before making any electrical connections.
2. Mount the solenoid/contacter in a dry, protected location, away from heat and moving parts.
3. Connect the motor leads from the winch to the solenoid/contacter as per the wiring diagram (refer to the diagram provided with your specific model).
4. Connect the heavy-gauge power cables from the solenoid/contacter to the vehicle's battery (positive to positive, negative to negative). Ensure proper fusing is in place.
5. Connect the control wires from the remote control receptacle to the solenoid/contacter.
6. Reconnect the vehicle's battery.



Image 4.1: Detail of the winch motor housing and electrical connection points.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the winch controls and functions before attempting any winching operation.

5.1 Freespool Operation

The freespool clutch allows the rope to be manually pulled out from the drum without using motor power.

1. To disengage the clutch for freespooling, rotate the clutch knob to the "**Freespool**" position.
2. Pull the rope out to the desired length, ensuring at least five wraps remain on the drum.
3. To engage the clutch, rotate the knob to the "**Engaged**" position. Ensure it is fully engaged before winching.



Image 5.1: The clutch knob set to the "Freespool" position, allowing manual rope extraction.



Image 5.2: The clutch knob set to the "Engaged" position, ready for powered winching.

5.2 Winching Procedure

1. Engage the clutch.
2. Connect the hook securely to a suitable anchor point.
3. Place a dampener over the rope, approximately halfway between the winch and the anchor.
4. Stand clear of the rope and the winching path.
5. Using the wired remote control, press the **"IN"** button to begin winching.
6. Monitor the winching operation closely. If the motor strains, pause to allow it to cool.
7. Once the pull is complete, release the **"IN"** button.
8. To retrieve the rope, press the **"OUT"** button. Ensure the rope spools evenly and tightly on the drum.



Image 5.3: The wired remote control with "IN" and "OUT" buttons for controlling winch operation.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your winch.

- **Rope Inspection:** Regularly inspect the steel rope for frayed strands, kinks, or corrosion. Replace the rope if any damage is found.
- **Electrical Connections:** Check all electrical connections for tightness and corrosion. Clean terminals as needed.
- **Fairlead:** Keep the roller fairlead clean and free of debris to ensure smooth rope movement.
- **Lubrication:** Consult the manufacturer's guidelines for any specific lubrication requirements for internal components.
- **Storage:** If the winch is not used for extended periods, ensure it is clean, dry, and stored in a protected environment.



Image 6.1: A close-up view of the steel rope properly spooled on the winch drum, highlighting the importance of regular inspection.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your winch.

Problem	Possible Cause	Solution
Winch does not operate	No power to winch; Loose electrical connections; Faulty remote; Engaged clutch.	Check battery connections and voltage; Tighten all wiring; Test remote; Ensure clutch is engaged.
Winch operates slowly or weakly	Low battery voltage; Overload; Corroded terminals.	Charge vehicle battery; Reduce load; Clean battery and solenoid terminals.
Rope spools unevenly	Improper winching angle; Damaged fairlead.	Adjust anchor point for straighter pull; Inspect and replace fairlead if damaged.

Problem	Possible Cause	Solution
Motor gets hot quickly	Overload; Continuous operation.	Reduce load; Allow motor to cool between pulls; Use snatch block to reduce load.

8. SPECIFICATIONS


Detailed technical specifications for the Superwinch Terra 2500 Winch, Model 1125260.

Specification	Detail
Brand	Superwinch
Model Number	1125260
Rated Line Pull	2500 lbs
Rope Type	Steel Rope
Rope Length	40 ft (12.2m)
Rope Diameter	3/16 inches (4.8mm)
Fairlead Type	Roller Fairlead
Item Weight	26 pounds
Product Dimensions	16.14 x 9.84 x 8.66 inches
Exterior Finish	Powdercoated
Position	Rear (typical mounting)
Manufacturer	SUPERWINCH

9. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact Superwinch customer service. Keep your purchase receipt and model number (1125260) readily available when contacting support. Visit the official Superwinch website for the most current support information and contact details:
www.superwinch.com

Related Documents - 1125260

	<p>SUPERWINCH SX10 & SX12 Recovery Winches Installation and Operation Manual</p> <p>Comprehensive installation and operation guide for SUPERWINCH SX10 and SX12 Recovery Winches, covering setup, wiring, remote features, safe operation, rigging, de-rigging, and troubleshooting for optimal performance and safety.</p>
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[Superwinch Electric Winch User Manual and Safety Guide](#)

Comprehensive guide to the safe installation, operation, and maintenance of Superwinch electric winches. Includes safety warnings, operating procedures, troubleshooting, and parts lists.



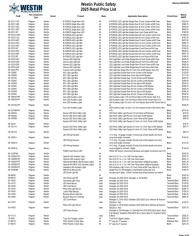
[Superwinch Product Catalog: Winches and Recovery Gear](#)

Explore the comprehensive Superwinch product catalog featuring a wide range of winches, recovery gear, bumpers, and accessories for automotive, ATV/UTV, industrial, and export applications. Discover proven performance and durability.



[Van Compass 4126 Front Winch Mount Installation Guide for Ram ProMaster \(2013-2022\)](#)

Detailed installation instructions for the Van Compass 4126 Front Winch Mount for Ram ProMaster vehicles (2013-2022). Includes parts list, tools needed, and step-by-step guidance for bumper and component modifications.



[Westin Public Safety 2025 Retail Price List: Automotive Accessories & Lighting](#)

Comprehensive 2025 retail price list for Westin Public Safety automotive accessories, featuring LED light bars, nerf step bars, running boards, grille guards, winches, and more for various vehicle makes.