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Warrior Winches 10FTA12

Gladiator 10000lbs 12v Electric Winch User Manual

Model: 10FTA12 | Brand: Warrior Winches

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective operation, installation, and maintenance of your Warrior Winches Gladiator 10000lbs 12v Electric Winch. Designed for heavy-duty applications, this winch features a 10,000lbs capacity, synthetic rope, and both wired and wireless remote control options. Its robust construction, including a fully metal-armored motor and geartrain, IP68 waterproofing, and thermal overload protection, ensures reliable performance in challenging environments.

Please read this manual thoroughly before installation and operation to ensure proper use and to prevent damage or injury.

2. PRODUCT OVERVIEW AND COMPONENTS

The Gladiator 10000lbs Electric Winch system includes the main winch unit, synthetic rope, hawse fairlead, wired remote, wireless remote, USB charging cable for the wireless remote, isolation switch, control box relocation plate, heavy-duty battery leads, and stainless steel mounting hardware.



Figure 2.1: Complete Winch Package with all included components: winch unit, wired remote, wireless remote, battery leads, isolation switch, and control box relocation plate.

GLADIATOR F-TYPE 10000



CAPACITY
10,000LBS



LINE SPEED
36 FT/MIN



SYNTHETIC ROPE
0.35" x 82'

Figure 2.2: Gladiator F-Type 10000 Winch highlighting key specifications: 10,000lbs capacity, 36 ft/min line speed, and 0.35" x 82' synthetic rope.

FEATURES



- Motor & geartrain completely shielded in full metal armour.
- Corrosion resistant, over 480 hours in salt-spray tests.
- Revolutionary external brake design.
- Impressive no load line speed of 36 ft/min.
- 600 amp silver tip contactor and HRC50 full steel gears.
- Armortek Extreme Synthetic Rope with a full length abrasion guard.

Figure 2.3: Key features of the Gladiator Winch, including metal armor, corrosion resistance, external brake design, impressive no-load line speed, 600 amp silver tip contactor, and Armortek Extreme Synthetic Rope.

3. INSTALLATION AND SETUP

Proper installation is crucial for the safe and effective operation of your winch. It is recommended that installation be performed by a qualified professional.

3.1 Mounting the Winch

Ensure the mounting surface is strong enough to support the winch's maximum pulling capacity. Use the provided stainless steel mounting hardware (nuts/bolts) to secure the winch to your vehicle's winch plate or bumper. The winch dimensions are approximately 21.97 x 6.54 x 10.04 inches, and it weighs 70.5 pounds.

DIMENSIONS



Weight
70.5 lbs



Figure 3.1: Winch dimensions for mounting reference: approximately 22 inches long, 6.5 inches wide, and 10 inches high.

3.2 Electrical Connections

Connect the heavy-duty battery leads to a 12-volt power source. Ensure all connections are secure and free from corrosion. Install the isolation switch as per the wiring diagram (not provided in this text, but typically included with the product) to allow for complete power cutoff when the winch is not in use.

The control box can be relocated using the provided relocation plate if space is limited in the primary mounting area.

3.3 Rope and Fairlead Installation

The synthetic rope comes pre-installed. Ensure the hawse fairlead is correctly positioned to guide the rope smoothly and prevent abrasion. The rope features a full-length abrasion guard for extended durability.

4. OPERATING INSTRUCTIONS

The Gladiator winch offers versatile control options for safe and efficient recovery operations.

4.1 Engaging and Disengaging the Clutch

To free-spool the rope, disengage the clutch by moving the clutch lever to the "Disengage Clutch" position. To engage the clutch for winching, move the lever to the "Engage Clutch" position. Always ensure the clutch is fully engaged before applying load.



Figure 4.1: Diagram showing clutch engagement and disengagement positions on the winch unit.

4.2 Using the Remote Controls

The winch can be operated using either the wired or wireless remote control. The 2-in-1 wired/wireless remote is rechargeable via the included USB charging cable, ensuring it's always ready for use.



Figure 4.2: A hand holding the wireless remote control, showing the "IN" and "OUT" buttons for rope operation.



Figure 4.3: A person standing at a distance from a vehicle, operating the winch using the wireless remote control, demonstrating remote operation capability.

To operate: Press the "IN" button to retract the rope and "OUT" button to extend the rope. Always maintain a safe distance from the winch and rope during operation. The winch features a thermal overload protection system to prevent damage during heavy-duty use.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your winch.

- **Inspect Rope:** Regularly check the synthetic rope for fraying, cuts, or other damage. Replace if necessary.
- **Clean Winch:** Keep the winch unit clean from dirt, mud, and debris. The IP68 waterproof rating protects internal components, but external cleanliness aids in inspection and prevents buildup.
- **Check Electrical Connections:** Periodically inspect all electrical connections for tightness and corrosion. Clean and tighten as needed.
- **Lubrication:** Consult a qualified technician for internal lubrication requirements.
- **Remote Battery:** Recharge the wireless remote as needed using the provided USB cable.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Winch does not operate.	No power, loose electrical connections, isolation switch off, remote battery dead.	Check battery connections, ensure isolation switch is on, charge/replace remote battery.
Winch operates slowly or with reduced power.	Low battery voltage, excessive load, motor overheating.	Check vehicle battery, reduce load, allow winch to cool down (thermal overload protection may be active).
Rope is tangled or unevenly spooled.	Improper re-spooling technique.	Carefully unspool and re-spool the rope under light tension, ensuring even layers.

If issues persist, contact Warrior Winches customer support.

7. SPECIFICATIONS

Specification	Value
Manufacturer	Warrior Winches
Part Number	10FTA12
Item Weight	70.5 pounds
Product Dimensions	21.97 x 6.54 x 10.04 inches
Item Model Number	10FTA12
Style	10,000lbs - Synthetic Rope
Power Source	Battery-powered
Voltage	12 Volts
Batteries Required	Yes (1 Unknown battery included)
Battery Cell Type	Lithium Ion
ASIN	B0CVS9MM8X
Date First Available	February 20, 2024

8. WARRANTY AND SUPPORT

For warranty information and customer support, please contact Warrior Winches directly. Keep your purchase receipt for any warranty claims.

Manufacturer: Warrior Winches

For further assistance, visit the official Warrior Winches store: [Warrior Winches Store](#)

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