

YATOINTO 1100LB (PRO)

YATOINTO PRO Electric Hoist Winch 1100LB Instruction Manual

Model: 1100LB (PRO)

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your YATOINTO PRO Electric Hoist Winch 1100LB. Please read and understand all instructions before using the product. Retain this manual for future reference.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Always wear appropriate personal protective equipment (PPE), including safety gloves and eye protection.
- Ensure the hoist is securely mounted to a structure capable of supporting the hoist's weight plus the maximum rated load.
- Do not exceed the maximum lifting capacity of 1,100 lbs.
- Inspect the hoist, hooks, and steel rope for damage before each use. Do not use if any components are worn or damaged.
- Keep hands and body clear of the lifting path and moving parts.
- Do not use the upper single hook for bearing loads; it is not designed for this purpose.
- Ensure the load is properly secured to the lower hook with the safety buckle engaged.
- Avoid sudden starts or stops when lifting or lowering loads.
- Do not operate the hoist if the power cord or remote control cables are damaged.
- In case of emergency, immediately press the red emergency stop button on the wired remote control.
- Do not leave a suspended load unattended.
- Keep children and unauthorized personnel away from the operating area.
- The hoist will automatically stop when nearing its lifting limit. Do not attempt to override this safety feature.

3. PRODUCT COMPONENTS

The YATOINTO PRO Electric Hoist Winch 1100LB package includes the following components:

- Electric Hoist Unit (1)

- Wireless Remote Control (2)
- Wired Remote Control (1)
- Power Cable (1)
- Lifting Strap (1)
- Storage Bag (1)
- Pair of Gloves (1)
- Replacement Carbon Brushes (2)



Figure 3.1: Overview of the YATOINTO PRO Electric Hoist Winch 1100LB and its included accessories, such as the hoist unit, wired and wireless remote controls, lifting strap, storage bag, gloves, and replacement carbon brushes.

4. SPECIFICATIONS

Feature	Specification
Model	1100LB (PRO)
Lifting Capacity	1,100 lbs (500 kg)
Motor Power	1600W

Voltage	110V/120V ~ 60Hz
Lifting Speed	16 ft/min (4.8 m/min)
Maximum Lifting Height	30 ft (9.1 m)
Wired Remote Cable Length	16.4 ft (5 m)
Wireless Remote Range	Up to 330 ft (100 m)
Lower Hook Rotation	360°
Hoist Unit Dimensions (approx.)	9 in (L) x 5.7 in (W) x 8.5 in (H, main body)
Product Weight	Approximately 29.7 lbs (13.5 kg)
Noise Level	May produce slightly higher noise levels during operation due to powerful motor.



Figure 4.1: Detailed dimensions and key specifications of the YATOINTO PRO Electric Hoist Winch 1100LB.

5. SETUP AND INSTALLATION

Proper installation is crucial for safe operation. The hoist can be mounted vertically or horizontally.

1. **Choose a Mounting Location:** Select a sturdy overhead beam or structure capable of supporting the hoist and its maximum rated load (1,100 lbs). Ensure the mounting point is level and stable.
2. **Secure the Hoist:** Use appropriate heavy-duty mounting hardware (not included) to securely attach the hoist to the chosen structure. Ensure all bolts and fasteners are tightened to the manufacturer's specifications.
3. **Connect Power:** Plug the hoist into a grounded 110V/120V ~ 60Hz power outlet. Ensure the power supply is adequate for the 1600W motor.
4. **Remote Control Setup:**
 - **Wired Remote:** Connect the wired remote control cable to the designated port on the hoist unit.
 - **Wireless Remote:** Install the required battery (not included, typically 12V 23A or similar) into each wireless remote control. Test the remote controls for functionality before operation.
5. **Initial Inspection:** Before first use, perform a thorough visual inspection of the hoist, steel rope, hooks, and all connections. Ensure the steel rope is properly wound on the drum and free from kinks or damage.

6. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your electric hoist.

1. **Pre-Operation Check:**
 - Verify the hoist is securely mounted.
 - Inspect the steel rope for fraying, kinks, or damage.
 - Check hooks for deformation or cracks, and ensure safety buckles operate freely.
 - Confirm the lifting path is clear of obstructions and personnel.
2. **Attaching the Load:**
 - Use the provided lifting strap or other suitable rigging to securely attach the item to the lower hook.
 - Ensure the load is balanced and the safety buckle on the hook is fully closed.
 - *Note: The upper single hook is not designed to bear loads.*
3. **Lifting the Load:**
 - Using either the wired or wireless remote control, press the **UP** button to slowly raise the load.
 - Monitor the load's stability and the hoist's operation.
 - The hoist will automatically stop when it reaches its upper lifting limit.
4. **Lowering the Load:**
 - Press the **DOWN** button on the remote control to slowly lower the load.
 - Guide the load as necessary, keeping hands clear.
5. **Emergency Stop:** In any unsafe situation, immediately press the large red **EMERGENCY STOP** button on the wired remote control. This will cut power to the hoist.

ULTIMATE CONTROL AT YOUR FINGERTIPS

Near or far, you're in control.
And when things go south, just press the big red button!



330ft Remote Control Range

Control from a distance, even from the next building!



16.4ft Waterproof Cable

Never worry about the weather, control it rain or shine.



Emergency Stop Button

In case things get too wild, just hit the big red button!

Figure 6.1: Wired and wireless remote controls for the YATOINTO PRO Electric Hoist Winch 1100LB, highlighting the emergency stop button and control range.

ENHANCED SAFETY FEATURES

From lifting to locking, our hooks, cables, and switches keep things secure — **so you don't have to!**

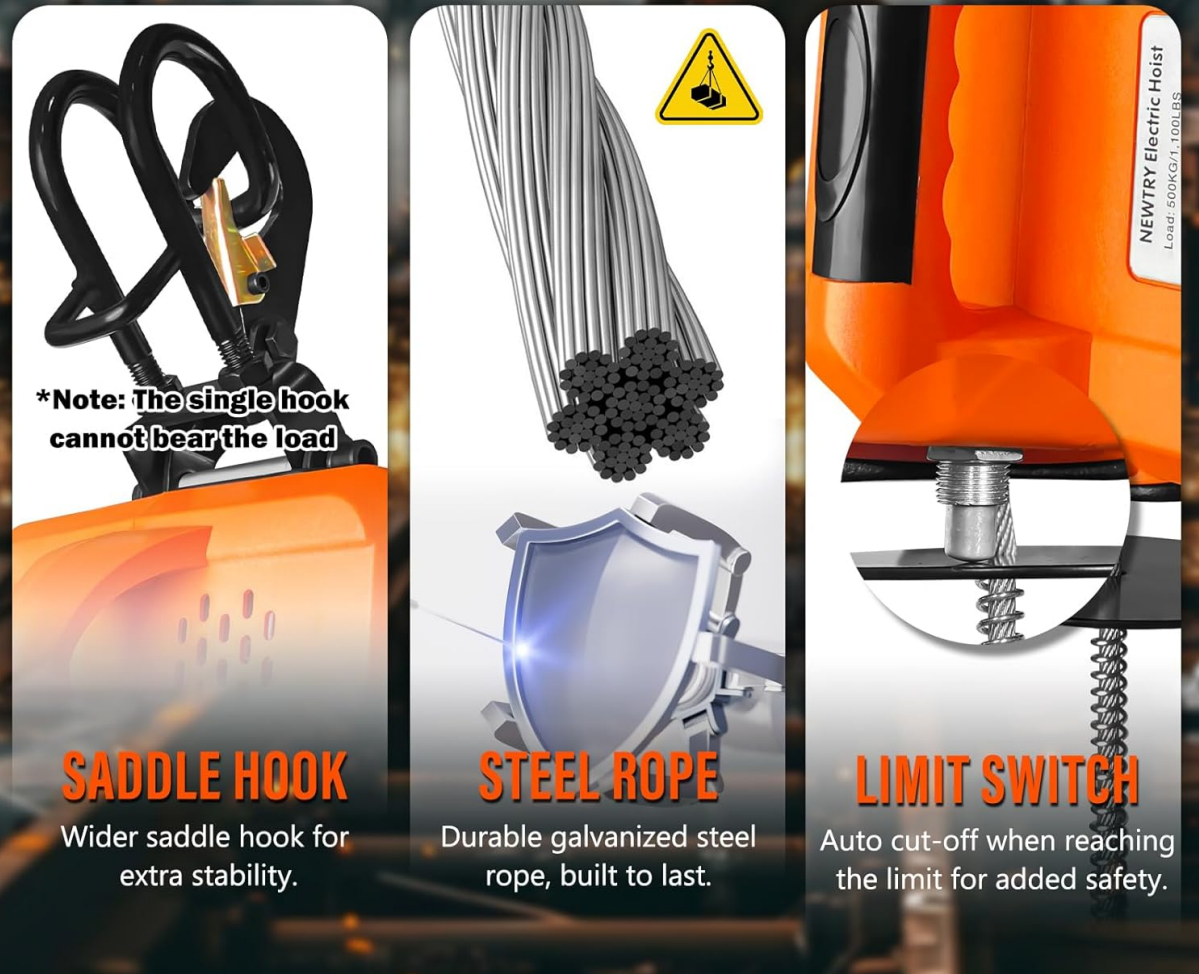


Figure 6.2: Key safety features including the saddle hook, steel rope, and limit switch mechanism.

7. MAINTENANCE

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

- **Daily Inspection:** Before each use, visually inspect the hoist for any signs of wear, damage, or loose components. Pay close attention to the steel rope, hooks, and power cables.
- **Lubrication:** Periodically lubricate moving parts as recommended by the manufacturer (refer to specific product documentation if available, otherwise use a general-purpose lubricant suitable for metal components).
- **Cleaning:** Keep the hoist unit clean and free from dirt, dust, and debris. Use a dry cloth or soft brush. Do not use harsh chemicals or immerse the unit in water.
- **Carbon Brush Replacement:** The motor uses carbon brushes which will wear down over time. Replace them when they are significantly worn to maintain motor performance. Two replacement carbon brushes are included. Refer to the hoist's casing for access to the carbon brush compartments.
- **Storage:** When not in use, store the hoist in a dry, clean, and secure location, preferably in the provided storage bag, away from direct sunlight and extreme temperatures.
- **Professional Servicing:** Any complex repairs or internal component replacements should be performed by qualified service personnel.

8. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Hoist does not operate.	No power supply. Emergency stop button engaged. Remote control battery low/dead. Overload protection activated.	Check power connection. Release emergency stop button by twisting. Replace remote control battery. Reduce load; allow motor to cool.
Hoist operates slowly or with reduced power.	Overload. Worn carbon brushes. Low voltage.	Reduce load. Replace carbon brushes. Ensure proper voltage supply.
Unusual noise during operation.	Lack of lubrication. Internal component issue.	Lubricate moving parts. Discontinue use and contact qualified service personnel.
Wireless remote not responding.	Battery dead or incorrectly installed. Out of range. Interference.	Replace battery; ensure correct polarity. Move closer to the hoist unit. Reduce other wireless device usage.
Hoist stops automatically during lift.	Reached lifting limit. Overload protection.	This is a safety feature; no action needed unless due to overload. Reduce load; allow motor to cool.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact YATOINTO customer service. Refer to your purchase documentation or the YATOINTO official website for the most current contact details.

Manufacturer: YATOINTO

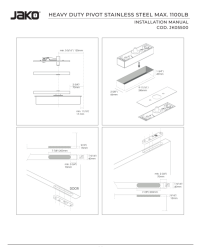
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Related Documents - 1100LB (PRO)



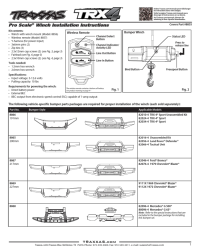
[Bormann Pro Electric Hoist BPA5118 & BPA1118 User Manual](#)

Comprehensive user manual for Bormann Pro electric hoists, models BPA5118 and BPA1118. Includes safety instructions, technical data, installation guidelines, and troubleshooting.



[Jako Heavy Duty Pivot Stainless Steel Max. 1100LB Installation Manual](#)

Installation manual for the Jako Heavy Duty Pivot Stainless Steel door closer, supporting a maximum load of 1100LB. Includes detailed diagrams and specifications for installation. Model JK05500.



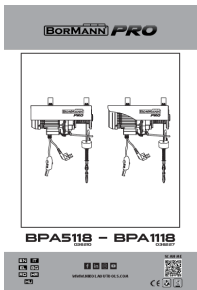
[Traxxas Pro Scale Winch Installation and Operation Guide](#)

Detailed instructions for installing and operating the Traxxas Pro Scale Winch (Model 8856) and its wireless remote (Model 8857). Covers kit contents, tools, specifications, installation steps, wiring, operation modes, custom installations, parts list, warranty, and safety warnings for RC vehicles.



[SuperATV Bed Winch Mount Kit Installation Guide for Kawasaki Mule PRO-FXT](#)

Comprehensive installation instructions for the SuperATV Bed Winch Mount Kit, specifically designed for the Kawasaki Mule PRO-FXT. This guide covers component identification, step-by-step assembly, wiring, safety precautions, and general operating tips for your winch system.



[Bormann Pro Electric Hoist BPA5118 & BPA1118 User Manual](#)

Comprehensive user manual for Bormann Pro electric hoists models BPA5118 and BPA1118, covering safety instructions, installation, operation, maintenance, troubleshooting, and technical specifications in multiple languages.



[EOD Volt Front Winch Bumper for 2022+ Polaris RZR Pro R / Turbo R](#)

Installation guide for the Elektrick Offroad Designs (EOD) Volt Front Winch Bumper (P/N- FWB610012) for 2022+ Polaris RZR Pro R and Turbo R models. Learn how to install this durable bumper.

