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Yard Force LSC21P-JP

YARD FORCE 24V Cordless 3m High Branch Electric Saw Light LSC21P-JP User Manual

Brand: **Yard Force** | Model: **LSC21P-JP**

1. PRODUCT OVERVIEW

The YARD FORCE 24V Cordless 3m High Branch Electric Saw Light LSC21P-JP is a lightweight and powerful tool designed for efficient high-branch pruning. It features a 24V lithium-ion battery, a long reach of up to 3 meters, and high-performance Japanese-made blades for clean cuts. This manual provides essential information for safe and effective operation, maintenance, and troubleshooting.

Key Features:

- Lightweight Design:** Main unit weighs approximately 2.2 kg, with the battery adding 0.4 kg.
- Extended Reach:** Adjustable pole allows for a total length of approximately 162 cm to 305 cm, enabling access to branches up to 3 meters high.
- Powerful 24V Lithium-Ion Battery:** Provides ample power for cutting branches up to 15 cm in diameter.
- Quick Charging:** Approximately 80 minutes for a full charge, offering up to 35 minutes of continuous operation (no-load).
- Japanese-Made Blades:** Includes a total of 4 high-quality 210mm blades for superior cutting performance and durability.
- Safety Features:** Equipped with a two-switch safety mechanism to prevent accidental activation.
- Convenient Storage:** Comes with a dedicated tool storage bag for easy transport and protection.

Included Accessories:

- Main Unit
- Standard Blade (Japanese-made 210mm for branch cutting) x 1
- Additional Japanese-made 210mm Blades x 3 (Total 4 blades)
- Charger
- 24V Lithium-Ion Battery

- Safety Glasses
- Shoulder Belt
- YARD FORCE Tool Storage Bag
- Anti-slip Natural Rubber Coated Gloves

2. SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Read and understand all instructions before use. Failure to follow these guidelines may result in serious injury or property damage.

General Safety Precautions:

- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses, gloves, and appropriate protective clothing. The included safety glasses and gloves are recommended.
- **Inspect Before Use:** Before each use, check the tool for any damage, loose parts, or worn blades. Ensure the battery is securely attached.
- **Maintain a Secure Grip:** Always hold the tool firmly with both hands when operating, especially when cutting.
- **Clear Work Area:** Ensure the area around you is clear of bystanders, pets, and obstacles. Be aware of falling branches.
- **Avoid Overreaching:** Do not overextend your body or the tool. Maintain proper balance and footing at all times.
- **Beware of Weight Distribution:** When the pole is extended, the head of the saw will be heavier. Be prepared for this weight shift to maintain control.
- **Two-Switch Safety:** The tool is equipped with a two-switch safety mechanism. Both switches must be engaged simultaneously to operate the saw, preventing accidental starts.
- **Cutting Specific Branches:** Be aware that very soft or crane-like branches may be difficult to cut cleanly with an electric saw compared to engine-driven models due to different cutting characteristics.
- **Battery Safety:** Use only the specified 24V lithium-ion battery and charger. Do not expose the battery to extreme temperatures or moisture.

3. SETUP AND ASSEMBLY

Proper assembly is crucial for safe and effective operation. Follow these steps carefully.

3.1. Blade Installation and Adjustment

1. Ensure the battery is removed from the tool before handling the blade.
2. Remove the blade cover and the chain cover.
3. Carefully place the chain around the sprocket and guide bar, ensuring the cutting teeth are facing the correct direction.
4. Align the guide bar with the mounting pins on the saw head.
5. Replace the chain cover and secure it with the knob.
6. Adjust the chain tension using the orange dial. The chain should be snug but still able to move freely around the guide bar. A loose chain can derail, and an overly tight chain can cause excessive wear or damage.

**YARD FORCE 3mコードレス高枝電動のこぎりライト
日本の職人も認める伝統の切れ味をレシプロソーで!
兵庫・三木産トリプル3Dブレード刃採用
15cm径太枝切断**



ストローク長20mm ストローク数0~2700回／分

替刃が4本入っていて切れ味4倍持続!

YARDFORCE 付属品ブレード(枝切り用) 約15cm径枝切断



■ 刃渡り210 mm ■ ピッチ3.00 mm ■ 板厚0.90 mm

PROSTARサービス特典付属品ブレード(枝切り用) 約15cm径枝切断×3本



■ 刃渡り210 mm ■ ピッチ2.15 mm ■ 板厚0.80 mm



■ 刃渡り210 mm ■ ピッチ2.15 mm ■ 板厚0.80 mm



■ 刃渡り210 mm ■ ピッチ2.15 mm ■ 板厚0.80 mm

Figure 3.1: Close-up of the saw head, illustrating the chain and guide bar assembly, and the chain tension adjustment dial.

3.2. Pole Assembly and Extension

The pole can be adjusted for length to suit various tasks.

1. Connect the saw head unit to the main pole section. Ensure it clicks securely into place.
2. To extend the pole, loosen the locking mechanism, pull the pole to the desired length, and then securely tighten the locking mechanism. The pole can be adjusted steplessly from approximately 162 cm to 305 cm.
3. Attach the shoulder belt to the designated attachment points on the pole for comfortable and balanced operation.





Figure 3.2: Detailed diagram illustrating the assembly of the YARD FORCE pole saw, highlighting the various components and their connections.

3.3. Battery Installation and Charging

1. Insert the 24V lithium-ion battery into the battery slot on the handle until it clicks into place.
2. To charge the battery, remove it from the tool. Connect the charger to a power outlet and then connect the battery to the charger. The battery features a remaining charge lamp to indicate its status.
3. Charging time is approximately 80 minutes for a full charge.

4. OPERATING INSTRUCTIONS

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

4.1. Starting and Stopping the Saw

1. Ensure the battery is fully charged and properly installed.
2. To start the saw, press the safety lock-off button and then squeeze the trigger switch simultaneously.
3. To stop the saw, release the trigger switch.

4.2. Cutting Branches

The saw is designed to cut branches up to 15 cm in diameter. For optimal performance and safety, follow these guidelines:

- **Angle Adjustment:** The saw head can be adjusted to 3 different angles for versatile cutting positions. Use the angle adjustment button to select the appropriate angle for the branch you are cutting.
- **Secure the Branch:** For smaller branches, the saw is equipped with a branch catcher to help secure the branch and prevent it from slipping during cutting.
- **Cutting Technique:** Allow the saw to do the work. Do not force the blade through the wood. Apply steady, even pressure.
- **High Branches:** When cutting high branches, use the shoulder belt to distribute the weight and maintain control. Stand on a stable surface and keep a safe distance from falling branches.



Figure 4.1: A user demonstrating the YARD FORCE pole saw in action, trimming high branches with the tool fully extended.



Figure 4.2: Close-up view of the YARD FORCE pole saw's head cutting a branch, demonstrating the tool's reach and cutting capability.

4.3. Using as a Handheld Saw (if applicable)

The saw head can be detached from the pole and used as a handheld saw for lower branches or processing cut wood. Refer to the assembly section for detaching the head.

Your browser does not support the video tag.

Video 4.1: This video demonstrates the assembly and operation of a similar pole saw (POXITY brand), including pole extension, angle adjustment, and use as a handheld chainsaw. While not the exact YARD FORCE model, it provides a visual guide to general functionality.

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Video 4.2: This YARD FORCE video showcases the Vmax High Branch Electric Chain Saw, demonstrating its use for cutting branches and highlighting features like chain adjustment and oil tank visibility. This video is highly relevant to the operation of your LSC21P-JP model.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your electric saw.

5.1. Blade Care

- Cleaning:** After each use, clean the blade and guide bar to remove sap, sawdust, and debris. Use a stiff brush and appropriate cleaning solution if necessary.
- Sharpening:** Keep the blades sharp for efficient cutting. Dull blades can cause the saw to bind and increase the risk of kickback. Sharpen or replace blades as needed.
- Replacement:** The product includes 4 Japanese-made replacement blades. Replace worn or damaged blades promptly.

5.2. Chain Oiling

The saw features an automatic chain oiling system. Regularly check the oil level through the oil tank window and refill as needed with appropriate chain oil.

5.3. Battery Care and Storage

- **Charging:** Always charge the battery in a well-ventilated area. Do not charge in extreme temperatures.
- **Storage:** Store the battery in a cool, dry place away from direct sunlight and moisture. For long-term storage, charge the battery to about 50% capacity.
- **Tool Storage:** When not in use, store the saw in its dedicated tool bag in a dry, secure location out of reach of children.



Figure 5.1: The YARD FORCE tool storage bag, ideal for protecting and transporting your electric saw and its accessories.

6. TROUBLESHOOTING

If you encounter issues with your YARD FORCE electric saw, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Saw does not start	Battery not charged Battery not properly installed Safety lock-off button not pressed	Charge the battery Reinstall battery securely Press safety lock-off button before trigger
Chain does not move	Chain too tight Debris in chain/guide bar Damaged chain/guide bar	Adjust chain tension Clean chain and guide bar Replace chain or guide bar
Poor cutting performance	Dull blade Incorrect cutting angle Low battery charge	Sharpen or replace blade Adjust saw head angle Recharge battery
Battery not charging	Charger not connected Faulty battery/charger	Ensure secure connection Contact customer support

If the problem persists after attempting these solutions, please contact customer support.

7. SPECIFICATIONS

Specification	Value
Brand	Yard Force
Product Model Number	LS-C21P-JP_4Blade-Bag
Package Dimensions	110 x 18.5 x 16 cm
Color	Black/Orange
Power Source	Cordless/Battery Powered
Voltage	24 Volts
Battery Included	Yes
Battery Type	Lithium-Ion
Product Weight	2.6 Kilograms (Main unit 2.2kg, Battery 0.4kg)
Blade Length	21 cm
Number of Batteries	1 Lithium-Ion battery (included)
Charging Time	Approx. 80 minutes (rapid charge)
Continuous Operation Time	Approx. 35 minutes (no-load)
Max Cutting Diameter	Approx. 15 cm
Stroke Length	20 mm
Strokes per Minute	0-2700 spm
Materials	Resin, Aluminum, Steel, etc.

Specification	Value
Origin	US Planning / Made in China

8. WARRANTY AND SUPPORT

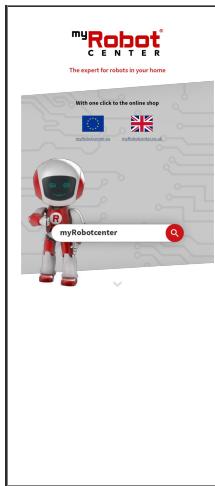
The YARD FORCE 24V Cordless 3m High Branch Electric Saw Light LSC21P-JP comes with a 1-year warranty for the main unit from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical assistance, warranty service, or to purchase replacement parts, please contact YARD FORCE customer support. Contact information can typically be found on the product packaging or the official YARD FORCE website.

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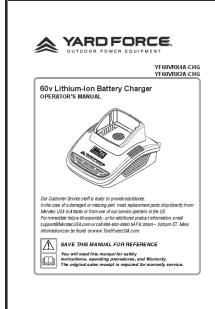
Related Documents - LSC21P-JP

	<p><u>Yard Force YOLMX22S300 22" Cordless Lawn Mower Operator's Manual</u></p> <p>Comprehensive operator's manual for the Yard Force YOLMX22S300 22-inch cordless self-propelled lawn mower, covering safety, assembly, operation, maintenance, troubleshooting, and warranty.</p>
	<p><u>Yard Force YOLMX22S300 22" Cordless Self-Propelled Lawn Mower Operator's Manual</u></p> <p>Comprehensive operator's manual for the Yard Force YOLMX22S300 22-inch cordless self-propelled lawn mower. Includes safety instructions, assembly, operation, maintenance, troubleshooting, and warranty information.</p>
	<p><u>Yard Force 60V Lithium-Ion Battery Pack Operator's Manual</u></p> <p>Operator's manual for Yard Force 60V Lithium-Ion Battery Packs (YF60VRX2.5-BAT, YF60VRX4.0-BAT) covering product features, technical data, intended use, safety notes, operation, maintenance, disposal, and warranty information.</p>



[Yard Force LM C32A 40V Cordless Lawnmower: Original Instructions and Safety Guide](#)

Comprehensive instructions and safety guidelines for the Yard Force LM C32A 40V Cordless Lawnmower, covering setup, operation, maintenance, and troubleshooting.



[Yard Force 60V Lithium-Ion Battery Charger Operator's Manual](#)

Operator's manual for the Yard Force 60V Lithium-Ion Battery Charger (Models YF60VRX4A-CHG, YF60VRX2A-CHG). Includes safety instructions, operating procedures, maintenance, troubleshooting, and warranty information.



[Yard Force AL G03C 40V Battery Charger User Manual](#)

Official user manual for the Yard Force AL G03C 40V battery charger. Includes safety instructions, technical specifications, operation guide, and maintenance tips.