

CORDLESS CHAINSAW

INSTRUCTION MANUAL



4''/6'' MINI CORDLESS CHAIN SAW

SAFETY GUIDELINE

The definitions below describe the level of severity for each signalword. Please read the manual and pay attention to these symbols.

WARNING: Indicates a potentially hazardous situation which, if not avoided, **could** result in **death or serious injury**.

CAUTION: Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury**.

NOTE: Indicates a practice not related to personal injury which, if not avoided, **may** result in **property damage**.



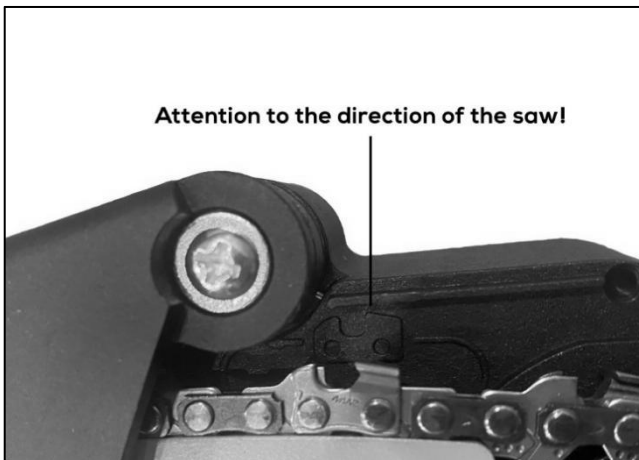
WARNING! Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

Model	4 inch chainsaw
Voltage	21V
Battery Specification	Li-ion, 2000mAh
Battery Charge	120V, 60Hz
Maximum Power	550W
Working Time	Approx. 45 min
Charging Time	1.5Hour
Chain Speed	5.0m/s
Guide Plate Length	4"
Weight (Bare Tool)	1.5 LBs

BATTERY INSTALLATION

- **To install battery pack:** Insert battery pack into tool, until an audible click is heard.
- **To remove battery pack from tool:** Release the battery release button and pull battery pack out of tool.

NOTE: Always release the ON/OFF Button before insertion or removal of the battery pack.



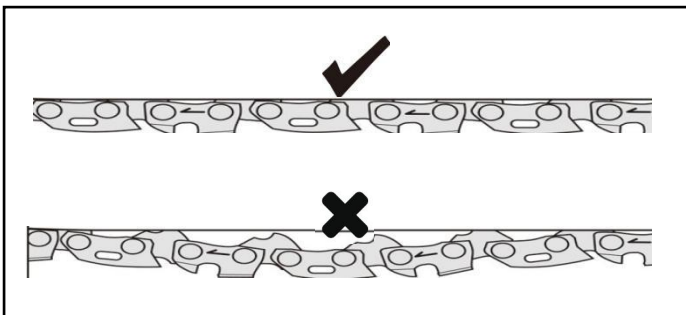
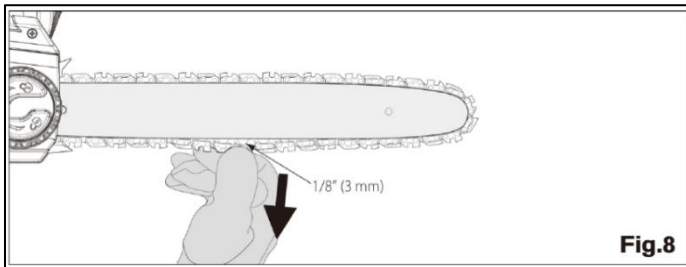
- Place the saw body on a firm and level surface.
- Rotate the compression nut counterclockwise to remove the side cover from the saw's body.
- Please check the direction of the saw chain on the side cover. And then with the help of protective gloves, wrap the saw chain around the guide, making sure that the teeth are facing the correct direction. The chain should be properly set in the slot running along the entire outside edge of the guide

bar.

- Place the saw chain around the sprocket while lining up the slot on the guide bar with the bolt in the base of the tool. The chain tensioning knob need to align with the bolt. Use the cover knob to adjust its location until it fits in the guide bar.
- Use the screwdriver to tension the saw chain.
- Turn the compression nut to tighten the guide bar enough that it stays in place. While holding the plate still, place the side cover back onto the saw. Make sure the tab properly lines up with the slot on the body of the saw. Lock the cover with the compression nut.



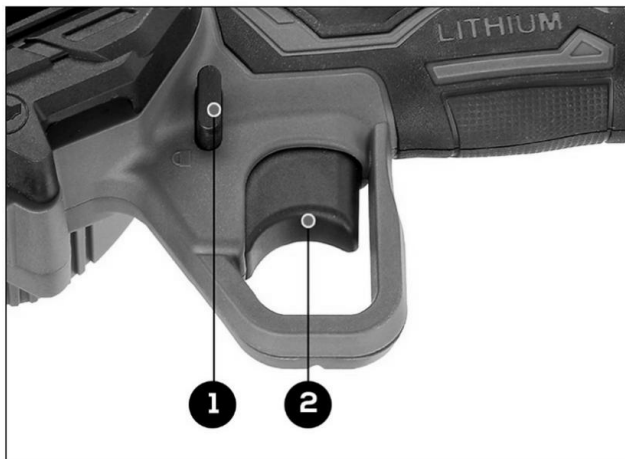
WARNING! Sharp moving chain. To prevent accidental operation, ensure that battery is removed from the tool before performing the operations above. Failure to do this could result in serious personal injury.



1. Check the chain tension by pulling the saw away from the guide bar. A properly tensioned chain should have roughly 1/8 inch of distance between itself and bar guide. **(Fig.8)**
2. If adjustments are needed, loosen the bar adjustment locking knob one full turn.
3. To adjust the saw chain tension, rotate the chain tensioning wheel. Rotating the wheel upwards increases the tension while rotating it downwards decreases tension. A properly tensioned chain should have no sag and should only be able to be pulled 1 /8 inch (3 mm) away from the guide bar of the saw. **(Fig.9)**
4. Once the chain is properly tensioned, tighten the bar adjustment locking knob. Do not over-tension the chain: this will lead to excessive wear and reduces the life of both the bar and chain.

GENERAL SAFETY RULES

- **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep bystanders, children, and visitors away while operating a power tool.** Distractions can cause you to lose control.
- **Know your product.** Know how to start and stop the machine. Be thoroughly familiar with the controls.
- **Keep proper footing and balance at all times.** Proper footing and balance enable better control of the tool in unexpected situation.



- To turn the tool **ON**: Press the lock-off button (1) and squeeze the switch trigger (2). After the tool has started, you can release the lock-off button without turning the tool off.
- To turn the tool **OFF**: Release the Switch Trigger (2).



WARNING! Release switch trigger, allow chainsaw to come to a complete stop, and then remove battery.



ELECTRICAL SAFETY

- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **The charger power plug must match the outlet.** Never modify the plug or plug the tool into outlets that do not match the plug.
- **Avoid to contact with grounded elements such as metal tables, pipes, ranges or refrigerators.** Contact with these elements can put you at a risk of electrical shock.

PRODUCTS USE AND CARE

- **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool may become hazardous when used on another tool.
- **Maintain the tool with care.** Keep the cutting edge sharp and clean for optimal performance and to reduce the risk of injury. Keep the handles dry, clean, and free from oil and grease. Follow the accidental recommendations described in the maintenance section of this manual.
- **Avoid dangerous environments.** Do not operate the tool in gaseous or explosive atmospheres or use the tool near flammable or combustible liquids. Motors in these tools

normally spark, and the sparks might ignite fumes.

- **Never point the tool at the user or others in the work area.** This could cause serious injury.
- **Do not force tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.
- **Do not use tool if switch does not turn it on or off.** Any tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Check operation of the tool before use.** Do not use the tool if the workpiece contact mechanism is not working correctly as accidental driving of a fastener may occur.

- **Only use batteries that are recommended for this tool by the manufacturer.** Use any other battery may cause risk of injury or fire.
- **Use power tools only with specifically designated battery packs.**
- Use of any other battery packs may create a risk of injury and fire.
- **When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit

unpredictable behavior resulting in fire, explosion, or risk of injury.

- **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 265°F (130°C) may cause explosion.
- **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.
- **Do not carry the tool for place to place while holding the trigger.** Accidental discharge could result.
- **Before beginning work, inspect the chain saw for damage to the housing, the extension cord, the saw chain and the guide bar.** Never use an obviously damaged machine.
- **Check the tension of the saw and the condition of the blades.** The sharper the saw chain is, the easier and more manageable operations will be. The same applies to chain tension. Check the tension every 10 minutes of operation to maximize safety. New saw chains in particular are subject to changes due to the heat created by operation.
- **Keep hands away from rotating parts.**



WARNING! If any parts are missing, do not operate this tool until the missing parts are replaced. Failure to do so may result in serious personal injury. Please contact us for the missing parts.



WARNING! Fire hazard. Never attempt to open the battery pack for any reason. If the battery pack case is cracked or damaged, do not insert into the charger. Do not crush, drop or damage the battery pack. Do not use a battery pack or charger that has received a sharp blow, been dropped, run over or damaged in any way (e.g., pierced with a nail, hit with a hammer, stepped on). Damaged battery packs should be returned to the service center for recycling.



WARNING! Shock hazard. Do not allow any liquid to get inside the charger. Electric shock may result.



WARNING! Burn hazard. To reduce the risk of injury, use only HOME SENSEI rechargeable battery packs. Other types of batteries may overheat and burst resulting in personal injury and property damage.

- **Do not incinerate the battery pack even if it is severely damaged or is completely worn out.** The battery pack can explode in a fire. Toxic fumes and materials are created when lithium-ion battery packs are burned.
- **If battery contents come into contact with the skin, immediately wash area with mild soap and water.** Battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte is composed of a mixture of liquid organic carbonates and lithium salts.
- **Contents of opened battery cells may cause respiratory irritation.** Provide fresh air. If symptoms persist, seek medical attention.



WARNING! Burn hazard. Battery liquid may be flammable if exposed to spark or flame.

- **The charger is designed to operate on standard 110V/220V household electrical power. Do not attempt to use it on any other voltage.** This does not apply to the vehicular charger.



WARNING! Shock hazard. Do not allow any liquid to get inside the charger. Electric shock may result.

Charger Indicator:

Red Indicator	Green Indicator	Battery Pack	Status
ON	OFF	Charging	Charging
OFF	ON	Charged	Charged
OFF	OFF	Short Circuited	Short Circuited



IMPORTANT SAFETY INSTRUCTIONS FOR BATTERYCARTRIDGE

- **If operating time has become excessively shorter, stop operating immediately.** It may result in a risk of overheating, possible burns and even an explosion.
- **Do not short the battery cartridge**
- Do not touch the terminals with any conductive material.
- Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.
- Do not expose battery cartridge to water or rain.
- A battery short can cause a large current flow, overheating, possible burns and even a breakdown.
- **Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.**
- Be careful not to drop or strike battery.
- Follow your local regulations relating to disposal of batter

Problems	Probable Causes	Solutions
Unit will not operate.	<ul style="list-style-type: none"> • Battery pack not installed correctly. • Battery pack not charged. • Lock-off Button not pressed 	<ul style="list-style-type: none"> • Check battery pack installation. • Check battery pack charging requirements. • Press the lock-off button before pulling the trigger.
Overheating Chain/Bar	<ul style="list-style-type: none"> • Chain too tight • Lubrication needed 	<ul style="list-style-type: none"> • Adjust the chain tension. • Add oil on the chain saw as necessary
Loose Chain	<ul style="list-style-type: none"> • Chain tension set incorrectly • Chain tension set incorrectly 	<ul style="list-style-type: none"> • Adjust the chain tension. • Adjust the chain tension.
Poor Cut	<ul style="list-style-type: none"> • Chain needs to be cleaned. 	<ul style="list-style-type: none"> • Put off the chain and clean.
Quality	<ul style="list-style-type: none"> • Chain needs to be sharpened. • Chain needs replacement. 	<ul style="list-style-type: none"> • Either sharpen or replace the chain. • Replace the chain.
Unit runs but does not cut.	<ul style="list-style-type: none"> • Chain installed backwards. • Battery pack not inserted connected to the charger properly. 	<ul style="list-style-type: none"> • Install the chain with the blades facing the correct direction. • Insert battery pack into charger and check red LED appears.
Battery pack will not charge	<ul style="list-style-type: none"> • Charger not plugged in. • Surrounding air temperature too hot or too cold. 	<ul style="list-style-type: none"> • Plug charger into a working outlet • Move charger and battery pack to a surrounding air temperature of above 40°F or below 105°F
Unit shuts off abruptly.	<ul style="list-style-type: none"> • Battery pack had reached its maximum thermal limit. • Out of charge. 	<ul style="list-style-type: none"> • Allow the battery pack to cool down. • Place on charger and allow to charge.

THANKS FOR YOUR ORDER AND TRUST!