



Cordless Hedge Trimmer Operator's Manual

Model: MNA4071







2018

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1. SYMBOLS MARKED ON THE PRODUCT

SYMBOLS	NAME	EXPLANATION
	Read the operator's instructions	To reduce the risk of injury. User must read and understand operator's manual before using this product.
	Do not expose to rain	Don't expose your tool to rain.
	Wear gloves	To reduce the risk of your hands, please wear gloves
	Wear eye protection	To reduce the risk of you eye, please wear eye protection
	Keep bystanders away.	Keep all bystanders away.
	Noise level marking	Your tool noise is not more than 95dB.

2. GENERAL SAFETY RULES

⚠ WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference. The term “power tool” in the warnings refers to your battery operated (cordless) power tool.

2.1 WORK AREA SAFETY

- a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- b) Do not operate power tools in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes
- c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- d) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

2.2 PERSONAL SAFETY

- a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- f) Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
- g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

2.3 POWER TOOL USE AND CARE

- a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

2.4 BATTERY TOOL USE AND CARE

- a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- c) 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.

d) 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.

2.5 SERVICE

Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

2.6.1 Hedge trimmer safety warnings

1. Keep all parts of the body away from the cutter blade. Do not hold material to be cut, or remove debris that has been cut, when blades are moving. Make sure the switch is off when clearing jammed material. Failure to follow these guidelines while operating the hedge trimmer may result in serious personal injury.

2. Carry the hedge trimmer by the handle with the cutting blade stopped. When transporting or storing the hedge trimmer always attach the blade guard.. Proper handling of the hedge trimmer will reduce possible personal injury from the cutting blades.

3. Hold power tool by insulated gripping surfaces only. Cutting blades accidentally contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.

2.6.2 Additional safety warnings

1. This tool is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

2. When working with the machine, always hold it firmly with both hands. The power tool is guided more securely with both hands.

3. Always ensure all handles and guards are in place when using the machine. Never modify the machine with unapproved parts.

4. Wait until the machine has come to a stand- still before putting it down.

5. Do not open the battery or expose the battery to extreme heat

6. In case of damage and improper use of the battery, vapors may be emitted. Provide for fresh air and seek medical help in case of complaints. The vapours can irritate the respiratory system.

7. When the battery is defective, liquid can escape and come into contact with adjacent components. Check any parts concerned. Clean such parts or replace them, if required.

8. Use the battery only in conjunction with your power tool. This measure alone protects the battery against dangerous overload.

2.6.3 Safety Warnings for battery chargers

1. Keep the battery charger away from rain or moisture. Penetration of water in the battery charger increases the risk of an electric shock.

2. Do not charge other batteries. The battery charger is suitable only for charging lithium ion batteries within the listed voltage range. Otherwise there is danger of fire and explosion.

3. Keep the battery charger clean. Contamination can lead to danger of an electric shock.

4. Before each use, check the battery charger, cable and plug. If damage is detected, do not use the battery

charger. Never open the battery charger yourself. Have repairs performed only by a qualified technician and only using original spare parts. Damaged battery chargers, cables and plugs increase the risk of an electric shock.

5. Do not operate the battery charger on easily inflammable surfaces (e. g., paper, textiles, etc.) or surroundings. The heating of the battery charger during the charging process can pose a fire hazard.

6. Children should be supervised to ensure that they do not play with the battery charger.

3. GENERAL IDENTIFICATION

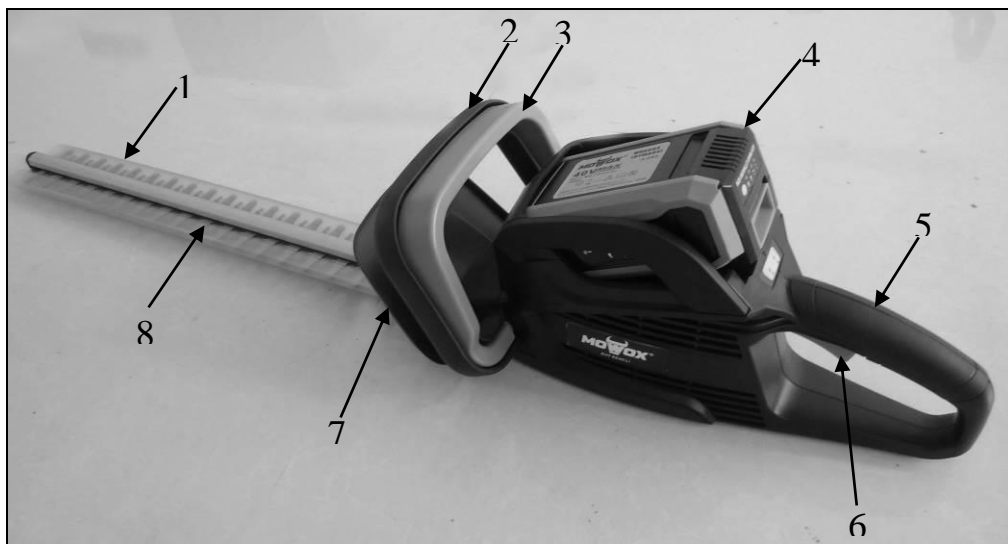


Fig.1

- | | | | |
|----------------|-------------------|-----------------------|------------------|
| 1. Blade guard | 2. Front handle | 3. Push button switch | 4. Battery |
| 5. Rear handle | 6. Switch trigger | 7. Front handle guard | 8. Cutting blade |

4. TECHNICAL DATA

Model:	MNA4071
Rated voltage:	40V d.c
No Load Speed	1400/min
Cutting length	520mm
Cutting width	20mm
Net weight:	4.35kg
Sound pressure level at the operator's position:	80.3dB(A) K=3 dB(A)
Measured sound power level:	93.1dB(A) K=2.0dB(A)
Guaranteed Sound Power Level:	95dB(A)
Vibration:	3.05m/s ² K=1.5 m/s ²

Battery	Lithium-ion
Model number	MNAA84
Rated voltage	40Vd.c.
Capacity	144Wh
Number of battery	20pcs
Battery charger	
Model number	MNAA94
Input	100-120VAC,60Hz,2A
Output	40Vd.c,2A
Allowable charging temperature range	+45F - +104F

5. ASSEMBLY

⚠ WARNING: Switch off and remove battery from machine before adjusting or cleaning. The blades continue to move for a fraction of a second after the hedge trimmer is switched off. Do not touch the moving blades.

5.1 INSERT THE BATTERY

1. Insert the battery pack into battery holder. (Fig.2A/Fig.2B/Fig.2C)
2. Make sure the latch on bottom of battery pack snaps in place and that battery pack is fully



Fig.2A



Fig.2B



Fig.2C

5.2 REMOVE THE BATTERY

1. Press and hold the battery latch button at the bottom of the battery pack. (Fig.3A)
2. Remove battery pack from the product. (Fig.3B)



Fig.3A



Fig.3B

6. OPERATING THE HEDGE TRIMMER

⚠ WARNING: Before working on the device-cleaning, inspection, maintenance or other work-always turn off the device and remove the battery from the device. The hedge trimmer is equipped with two-hand operator control.

6.1 REMOVE THE BLADE GUARD BEFORE OPERATION. (FIG.4)

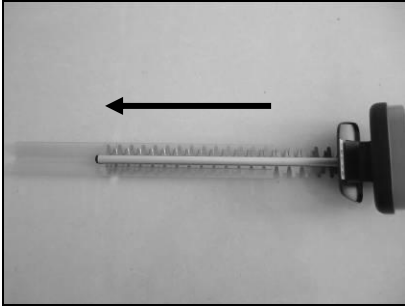


Fig.4

6.2 Starting the device: First press the pushbutton switch on the front handle, then grasp the switch trigger on the rear handle. (Fig.5)

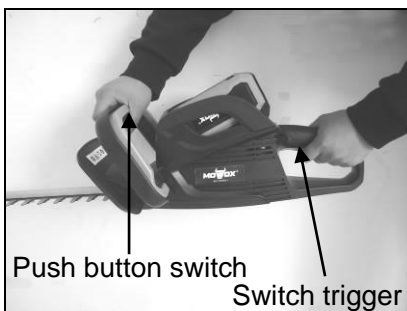


Fig.5

6.3 Stopping the device: if you release one of the safety elements, the cutting blades will stop. (Fig.6)

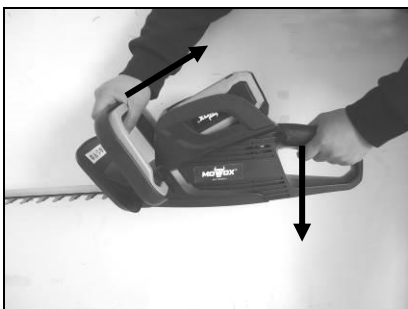


Fig.6

6.Re-attach cutting guard

For you safety and storage, please re-attach the cutting guard after each operation. (Fig.7A/Fig.7B)

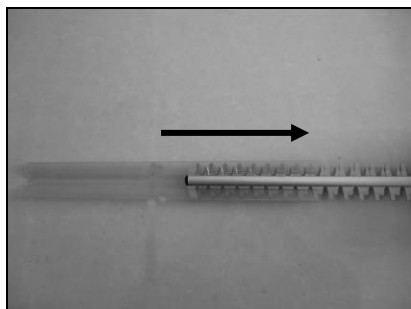


Fig.7A



Fig.7B

7. MAINTENANCE AND CARE

! WARNING: Switch off and remove battery from machine before adjusting or cleaning. For safe and proper working, always keep the garden product clean.

Note: To ensure long and reliable service, carry out the following maintenance regularly.

1. If the garden product should happen to fail despite the care taken in manufacture and testing, repair should be carried out by an authorized customer service agent for garden products.
2. Use only manufacturer's recommended replacement parts and accessories

! WARNING: Switch the machine off and remove the battery. Ensure battery is removed before storage.

1. Clean the exterior of the machine thoroughly using a soft brush and cloth. Do not use water, solvents or polishes. Remove all debris, especially from the ventilation slots of the motor.
2. Always lubricate the cutting blade with protective spray before storage.
3. Store the hedge trimmer in a secure, dry place out of the reach of children. Do not place other objects on top of the machine.
4. The battery should be stored between 0 ° C and 50 ° C.

8. TROUBLESHOOTING

The following chart lists problem symptoms, possible causes and corrective action, if your garden product does not operate properly. If these do not identify and correct the problem, contact your service agent.

! WARNING: Switch off and remove the battery prior to any troubleshooting.

Fault	Remedial action
Hedge trimmer does not operate	Recharge battery Ensure both locking levels are engaged
Hedge trimmer operates intermittently	Ensure both locking levels are engaged Contact Service Agent
Motor runs but blades remain stationary	Contact Service Agent
Cutting blade hot	Have blade sharpened

	Have blade inspected/overhauled Apply lubricant spray
Blade will not move	Recharge battery or Contact Service Agent
Excessive vibrations/noise	Contact Service Agent
Cutting time per battery charge too low	Apply lubricant spray Clean blade Recharge battery

15. WARRANTY

This product is warranted in accordance with legal regulations for a 2 years period effective from the date of purchase by the first user.

This warranty covers all material or production failures, it does not include defects from normal wear & tear parts, such as bearings, brushes, cables, plugs or accessories like drills, drill bits, saw blades etc. ;damage or defects resulting from abuse, accidents or alterations; nor the costs for transport.

We reserve the right to reject any claim where the purchase cannot be verified or when it is clear that the product was not maintained properly. (clean ventilation slots, carbon brushes serviced regularly...)

Your purchase ~~receipt ticket~~ must be kept as proof for date of purchase.

Your ~~fully assembled un-dismantled~~ tool must be returned to your dealer in an acceptably clean state, in its original blow molded case if applicable to unit, accompanied by your proof of purchase.

16. DISPOSAL

Should your trimmer need replacing after extended use, please consult your local laws and regulations to ensure you dispose of mower in the proper and environmentally appropriate way.