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PRODUCT SPECIFICATIONS

10" GRASS TRIMMER

Voltage.....	120 V~60Hz
Amp.....	2 A
No-load Speed	10000 RPM
Cutting Swath.....	10 inch (250mm)
Cutting Blade.....	0.08×3.35 inch (2X85mm)
Weight	3.1 lbs (1.4 Kg)

GENERAL SAFETY RULES

WARNING

When using the machine the safety rules must be followed. For your own safety and bystanders please read these instructions before operating the machine. Do not use the machine without reading the instruction sheet. Please keep the instructions safe for later use.

- This grass trimmer is designed for cutting grass and similar soft vegetation and for trimming grass edges in private and hobby garden areas which are not accessible with a grass trimmer.
- The device is not allowed to be used in public gardens, parks, sports centers or at roadsides as well as in agriculture and forestry.
- This grass trimmer is not allowed to be used for cutting or chopping, otherwise, there is a risk of injury.
 - Hedges, shrubs and bushes,
 - Flowers,
 - In terms of composting.
- This grass trimmer 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 grass trimmer by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the grass trimmer.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Wear protective glasses or goggles.
- Never allow children or people unfamiliar with the instructions to use the grass trimmer.
- Stop using the grass trimmer while people, especially children, or pets are nearby.
- Only use the grass trimmer in daylight or good artificial light.
- Before using the grass trimmer and after any impact, check for signs of wear or damage and repair as necessary.
- Never operate the grass trimmer with damaged guards or without the guards in place.
- Keep hands and feet away from the cutting means at all times and especially when switching on the motor.
- always return the machine to its normal operating position before switching on.
- Never fit metal cutting elements
- Never use replacement parts or accessories not provided or recommended by the manufacturer
- Disconnect the grass trimmer from the mains before checking, cleaning or working on the grass trimmer and when it is not in use.
- Always ensure that ventilation openings are kept clear of debris.

GENERAL SAFETY RULES

ADDITIONAL SAFETY INSTRUCTIONS FOR YOUR GRASS TRIMMER

- Do not expose to moisture.
- Use only on AC mains supply voltage shown on the product rating label.
- Avoid operating your trimmer in wet grass, where feasible.
- Take care in wet grass, you may lose your footing.
- On slopes, be extra careful of your footing and wear nonslip footwear.
- Do not walk backwards when trimming, you could trip. Walk never run.
- Switch off before pushing the trimmer over surfaces other than grass.
- Never pick up or carry a trimmer by the cord.
- Do not lean over the trimmer guard objects may be throw by the rotating TrimFast blades.
- Keep all nuts, bolts and screws tight to be sure the trimmer is in safe working condition.
- To avoid the risk of injury keep fingers and hands clear of the rotating TrimFast blades on the leading edge of the guard.

MAINTENANCE

- After use, disconnect the grass trimmer. from the power source and check for damage
- When not in use store the grass trimmer. out of the reach of children
- Electrical powered trimmers should only be repaired by an authorised repairer
- Use only manufacturers recommended replacement parts and accessories. The preparation for use, operation and maintenance of the grass trimmer:
 - Read the instructions carefully;
 - Be familiar with the controls and proper use of the grass trimmer.
 - Before use check the supply and extension cord for signs of damage or ageing,
 - If the cord becomes damaged during use, disconnect the cord from the power supply immediately.
DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY;
 - Do not use the lawn trimmer (edge trimmer), if the cords are damaged or worn.

WARNING

- Cutting elements continue to rotate after the motor is switched off;
 - Keep extension cords away from cutting elements;
 - It is recommended that grass trimmers should be supplied via a residual current device (RCD) with a tripping current of not more than 30mA.
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ELECTRICAL INFORMATION

⚠ WARNING

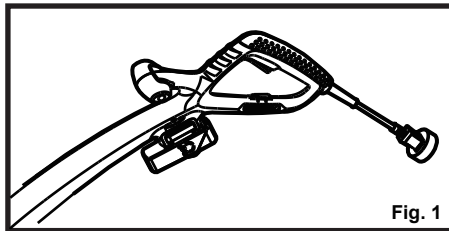
TO AVOID ELECTRICAL HAZARDS, FIRE HAZARDS, OR DAMAGE TO THE TOOL, USE PROPER CIRCUIT PROTECTION. YOUR GRASS TRIMMER IS WIRED AT THE FACTORY FOR 120 V OPERATION. CONNECT TO A 120 V, 15 A CIRCUIT, AND USE A 15 A TIME-DELAYED FUSE OR CIRCUIT BIREAKER. TO AVOID SHOCK OR FIRE, IF THE EXTENSION CORD IS WORN, CUT OR DAMAGED IN ANY WAY, REPLACE IT IMMEDIATELY.

DOUBLE INSULATED

This grass trimmer has a plug that looks like the one shown in Fig. 1



The grass trimmer is double insulated to provide a double thickness of insulation between you and the tool's electrical system. All exposed metal parts are isolated from the internal metal motor components with protective insulation.



⚠ WARNING

USE ONLY IDENTICAL REPLACEMENT PARTS WHEN SERVICING THE GRASS TRIMMER, TO AVOID INJURY.

⚠ WARNING

DOUBLE INSULATION DOES NOT TAKE THE PLACE OF NORMAL SAFETY PRECAUTIONS WHEN OPERATING THIS GRASS TRIMMER

⚠ WARNING

TO AVOID ELECTROCUTION:

1. Use only identical replacement parts when servicing a tool with double insulation.
Servicing should be performed by a qualified technician.
 2. Do not use in wet or damp areas or expose to rain.
-

ELECTRICAL INFORMATION

GROUNDING INSTRUCTIONS

IN THE EVENT OF A MALFUNCTION OR BREAKDOWN, grounding provides the path of least resistance for electric current, and reduces the risk of electric shock. This tool is equipped with a POLARIZED plug. The plug MUST be plugged into a matching grounded extension cord in accordance with All local codes and ordinances.

DO NOT MODIFY THE PLUG PROVIDED. If it will not fit the properly grounded extension cord, have the proper outlet installed by a qualified electrician.

CAUTION

ALWAYS MAKE SURE THAT YOUR OUTLET IS PROPERLY GROUNDED. IF UNCERTAIN, HAVE IT CHECKED BY A CERTIFIED ELECTRICIAN.

WARNING

THIS GRASS TRIMMER IS FOR OUTDOOR USE ONLY. DO NOT EXPOSE TO RAIN OR USE IN DAMP LOCATIONS.

GUIDELINES FOR USING EXTENSION CORDS

USE THE PROPER EXTENSION CORD. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause overheating. The table below shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

Minimum Gauge for Extension Cords (AWG)
(when using 120 V only)

Ampere Rating		Total Length of Cord in Feet (meters)			
More Than	Not More Than	25' (7.6 m)	50' (15 m)	100' (30.4 m)	150' (45.7 m)
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not Recommended	

ELECTRICAL INFORMATION

Make sure your extension cord is properly wired and in good electrical condition. Always replace a damaged extension cord or have it repaired by a qualified person before use. Keep extension cords away from sharp objects, excessive heat and damp or wet areas.










Use a separate electrical circuit for your tools. This circuit should comprise a wire of at least 12 gauge and should be protected with a 15 A time-delayed fuse. Before connecting the motor to the power line, make sure the switch is in the OFF position and the electric current is identical to that stamped on the motor nameplate. Running at a lower voltage will damage the motor.

WARNING

ALTHOUGH THIS GRASS TRIMMER IS DOUBLE INSULATED, THE EXTENSION CORD AND RECEPTACLE MUST STILL BE GROUNDED WHILE IN USE TO PROTECT THE OPERATOR FROM ELECTRICAL SHOCK.

SYMBOLS

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

SYMBOL	NAME	DESIGNATION/EXPLANATION
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watts	Power
min	Minutes	Time
~	Alternating Current	Type of current
≡	Direct Current	Type or a characteristic of current
	Class II Construction	Double-insulated construction
	No Load Speed	Rational speed, at no load
/min	Per Minute	Revolutions, strokes, surface speed, orbits etc., per minute
	Wet Conditions Alert	Do not expose to rain or use in damp locations
	Read The Operator's Manual	To reduce the risk of injury user must read and understand operator's manual before using this product.
	Eye Protection	Wear eye protection when operating this equipment.
	Safety Alert	Precautions that involve your safety.
	Long Hair	Failure to keep long hair away from the air inlet could result in personal injury.
	Loose Clothing	Failure to keep loose clothing from being drawn into air intake could result in personal injury.
	Keep Bystanders Away	Keep all bystanders at least 50 ft. away.

KNOW YOUR GRASS TRIMMER

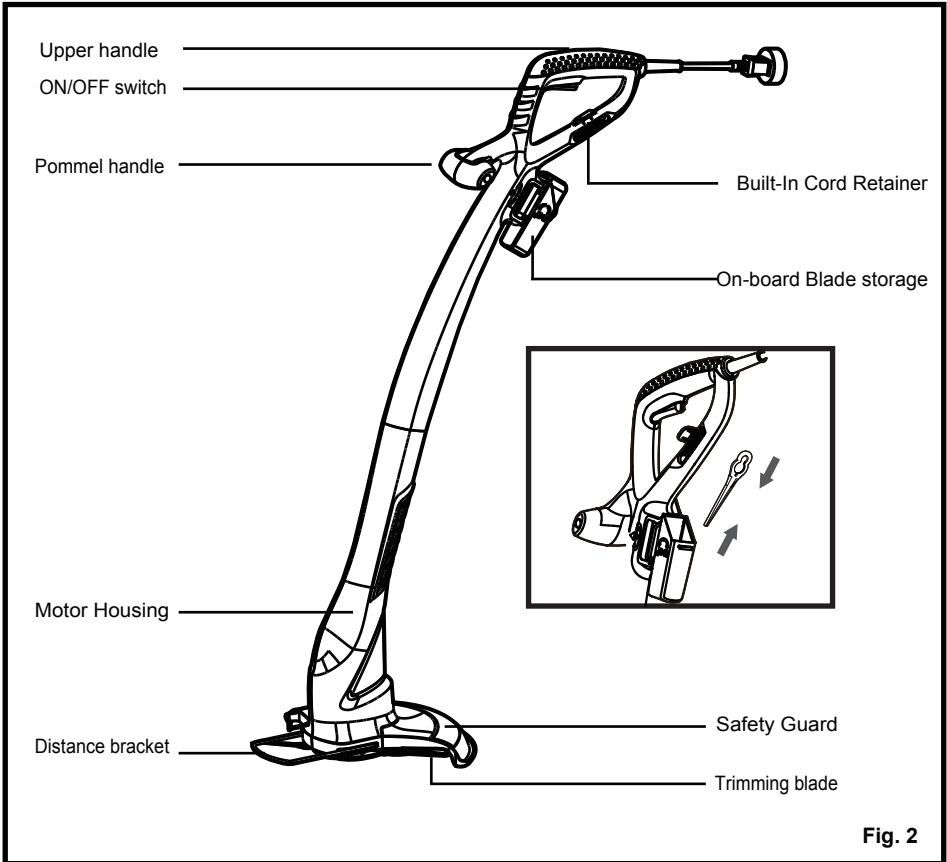


Fig. 2

Know Your Grass Trimmer (Fig. 2)

The safe use of this product requires an understanding of the information on the product and in this operator's manual as well as a knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.

ASSEMBLY

Functional description

This portable hand held grass trimmer is powered by an electrical motor.

This trimmer features 2 Trim Fast flexible nylon blades that are used for safe and efficient grass cutting. After the safety guard is installed it will protect the user during trimming operations.

The following describes the functions of the operating parts.

Extent of the delivery

Carefully unpack the trimmer and check that it is complete:

- Lawn trimmer (2 sections)
- Safety guard with 2 installation screws included.

Assembling instructions

⚠ WARNING

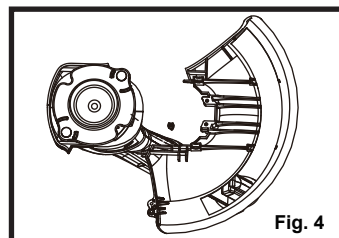
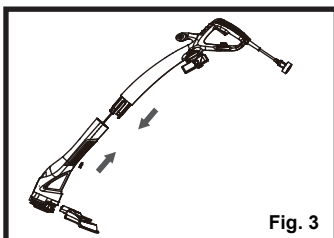
Always disconnect from power source before working on the trimmer. Wait until motor has completely stopped before attempting any maintenance. There is danger of electric shock and the possibility of injury by the rotating blades unless motor has stopped rotating.

Assembling the guard(Fig.3-4)

1. Assemble the housing and handle.
2. Align the safety guard with the holes on the underneath side of the motor housing and slide into position.
3. Attach the guard with the two screws Assembling the equipment.
4. Connect the upper housing and the lower housing.

The safety guard and handle must be in the same direction. Be careful that the internal power cord is not tight or twisted.

NOTE: Once the lower and upper sections of the trimmer has been assembled, they can not be seperated.

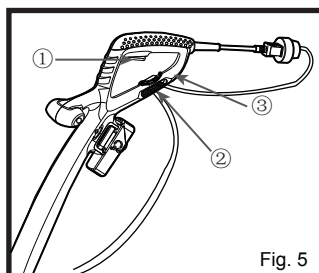


OPERATION

⚠ WARNING Danger of injury!

Never use the trimmer without its safety guard. Always check the operability of the trimmer before it is used. Check that the mains voltage is the same as indicated on the rating plate. Always wear goggles when working with the trimmer.

NOTE: Once the lower and upper sections of the trimmer has been assembled, they can not be seperated.



Switching ON and OFF (Fig. 5)

1. Form a loop in the end of the extension cable, conduct it through the opening in the upper handle (2) and hang it on to the strain relief (3).
 2. Connect the trimmer to the mains socket.
 3. Ensure a secure stance and hold on to the trimmer with two hand. Do not deposit the cutting head on the ground.
 4. To switch on depress the ON/ OFF switch (1). Release the switch to switch off.
-

⚠ WARNING

After the trimmer has been switched off the cutting head will continue to rotate for a few seconds. Keep hands and feet well away.

⚠ WARNING

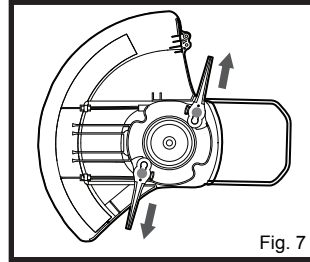
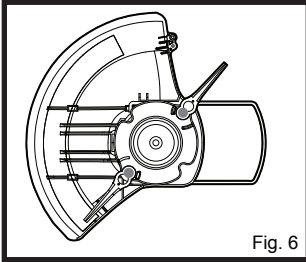
The ON / OFF switch must not be locked in place. The trimmer must not be used if the switch is damaged. There is the immediate danger of injury if the motor does not switch off after the ON /OFF switch has been released.

NOTE: Always remove grass residue from cutter so that the cutting effect is not impaired.

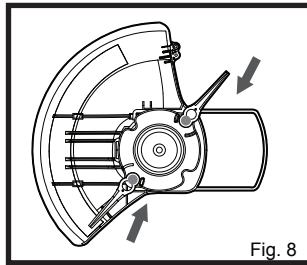
OPERATION

Cutting device - trimming blade

1. Align the wider eyelet on TrimFast with steel pivot point and pull tightly until the blade snaps into place. (Fig. 6, 7)



2. Remove in opposite order. (Fig. 8)



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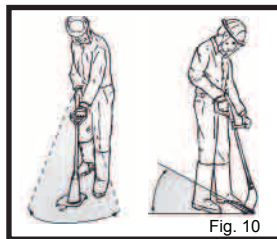
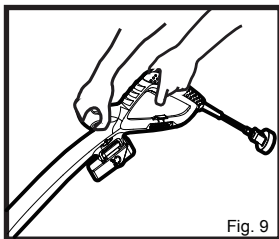
⚠ WARNING Danger of injury!

- Do not cut moist or wet grass.
- Before starting the trimmer check that the cutting head will not come into contact with stones, rubble or other foreign bodies.
- Switch on the trimmer before you approach the grass that is to be cut.
- Always trail the extension cord behind you. Do not pass the operating trimmer over the extension cord as the cord could be damaged.
- Do not overload the trimmer during operation.
- Avoid contact with obstacles (stones, walls, fences, etc.) as this will rapidly wear out the blades.
- Do not hit the cutting head on the ground during operation.
- Ensure that the cutting head has stopped before you deposit the equipment on the ground. Cut the grass by swaying the trimmer sideways to the right and left. Cut slowly, keeping the grass trimmer inclined forward slightly when cutting. Cut tall grass by a series of levels from top to bottom.

⚠ WARNING Never attempt to lock the trigger lever in the on position.

Trimming

1. Hold the tool as shown. what figure are you referencing.(Fig.9)
2. Gently swing the trimmer from side to side .(Fig. 10)
3. When cutting long grass, work in stages from the top. Take small cuts. Keep the tool away from hard objects and delicate plants.
4. If the tool starts running slowly, reduce the load.



Cleaning and maintenance

⚠ WARNING

Always disconnect the plug from the power source before working on the trimmer.

CONTENTS

WARNING

Any work that is not described in these Instructions must be carried out by a servicing agency authorized by us. Only use original parts and be very careful with the line cutter during installation work. Danger of injury!

Disconnect the plug from the power source after every use and check the grass trimmer for damaged parts.

Cleaning

WARNING

Do not jet water onto the trimmer and do not clean it under flowing water. This would result in the danger of an electric shock and the trimmer could be damaged. Always keep the trimmer clean. Do not use cleaning agents and solvents.

- After the work has been completed remove all grass and soil from the cutting device and the protective guard.
 - Ensure that the ventilation slots are always clean and free of grass.
 - Clean the trimmer with a soft brush or a cloth.
-

Storage

WARNING

- Carefully clean the trimmer and its accessories after each use (see “Cleaning and maintenance”), thereby avoiding mold formation.
 - Store the trimmer in a dry place well out of reach of children.
 - Do not expose the trimmer for extended periods to direct sunlight.
 - Do not wrap plastic bags around the trimmer as this could result in the formation of moisture and mould.
 - Do not stand the trimmer on its protective guard. Suspend it by its upper handle in such a manner that the protective guard does not come into contact with other objects. This is because the protective guard could become deformed, thereby changing its dimensions and its safety properties.
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Disposal And Protection Of The Environment

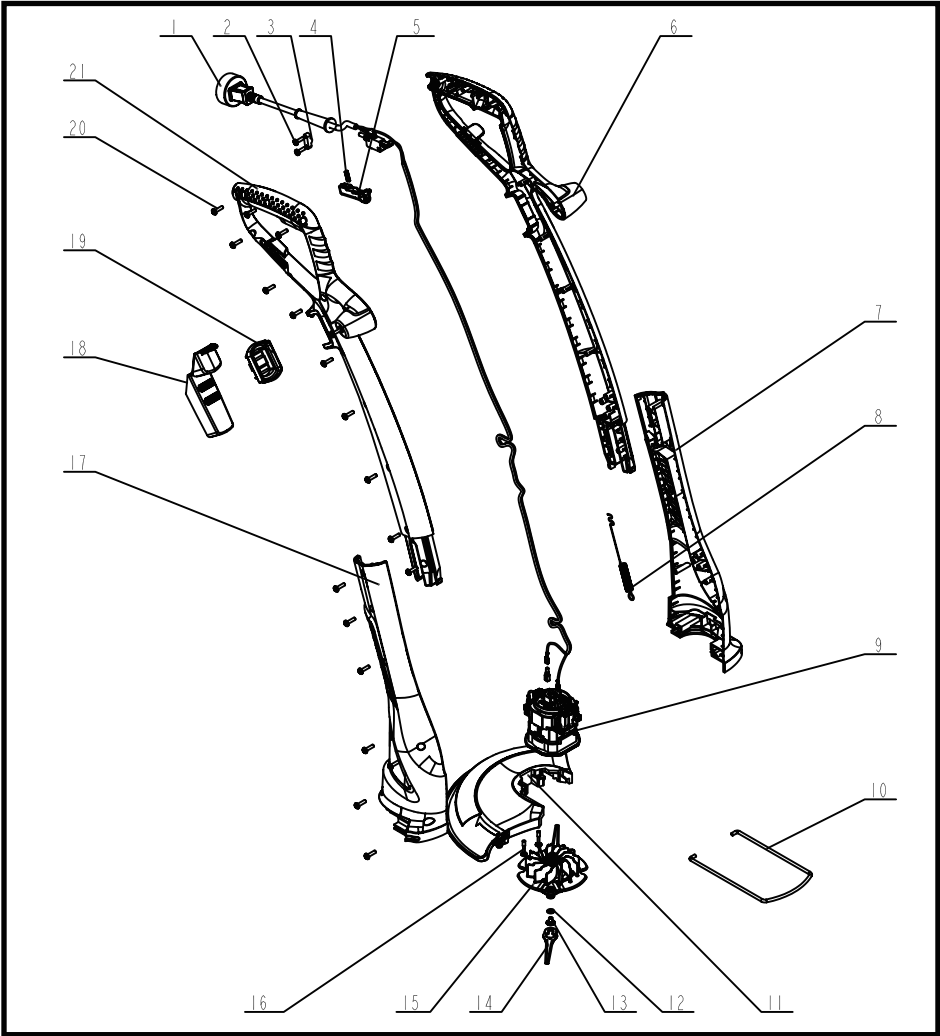
NOTE: Dispose of the trimmer, its accessories and the packaging in an environment friendly manner.

Electrical grass trimmers must not be disposed of with the domestic waste. Hand in a redundant trimmer to a recycling centre. The plastic and metals can then be sorted out and graded for recycling. Our Service Centre will be happy to answer any questions in this respect. Defective units returned to us will be disposed of for free.

TROUBLE SHOOTING

Problem	Possible Cause	Remedy
Product does not reach full power	Extension cord not suitable for operation with this product	Use a proper extension cord
	Power source (e.g. generator) has too low voltage	Connect to another power source
	Air vents are blocked	Clean the air vents
Trimmer Does Not Start	No Main Power	Check Power Cord and Plug
	On/off Switch Defective	Repair By After-sales Service
	Worn Carbon Brushes	
	Motor Defective	
Unsatisfactory result	Trimming blade worn	Replace with a new Trimming blade

EXPLODED VIEW



PART LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	TODQ80.88.00	Power cord assembly	1
2	BOA2SP.39.14	Self-tapping screw	2
3	TOQTGX.01.YX	Pressing line plate	1
4	TOTHYY.04.05	Pressed sprig	1
5	GT21FM.10.03	Switch button	1
6	GT22FM.10.01	Left handle	1
7	GT21FM.00.01	Left motor shell	1
8	TOTHYL.01.09	Pull spring	1
9	TM5856.00.00	Motor assembly	1
10	GT21FM.00.04	Flower guard	1
11	GT28FM.40.01	Safety guard assembly	1
12	BOC1ZZ.05.08	Gasket	4
13	BOE1ZZ.05.01	Screw	2
14	FG2101.01.01	Blade	2
15	GT28FM.20.01	Main plate	1
16	BOA2ZZ.39.06	Self-tapping screw	2
17	GT21FM.00.02	Right motor shell	1
18	GT28FM.10.03	Blade storage box	1
19	GT28FM.10.02	Box seat	1
20	BOA2SD.39.16	Self-tapping screw	19
21	GT22FM.10.02	Right handle	1

WARRANTY

We take pride in producing a high quality, durable product. This Lawnmaster® product carries a limited two (2) year warranty against defects in workmanship and materials from date of purchase under normal household use. If product is to be used for commercial, industrial or rental use, a 30 day limited warranty will apply. Batteries carry a one-year warranty against defects in workmanship and materials. Batteries must be charged in accordance with the operator's manuals directions and regulations in order to be valid. Warranty does not apply to defects due to direct or indirect abuse, negligence, misuse, accidents, repairs or alterations and lack of maintenance. Please keep your receipt/packing list as proof of purchase. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state. For product service call Customer Service at (866) 384-8432.

Items not covered by warranty :

1. Any part that has become inoperative due to misuse, commercial use, abuse, neglect, accident, improper maintenance, or alteration; or
2. The unit, if it has not been operated and/or maintained in accordance with the owner's manual; or
3. Normal wear, except as noted below;
4. Routine maintenance items such as lubricants, blade sharpening;
5. Normal deterioration of the exterior finish due to use or exposure.

Transportation Charges : Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. It is the purchaser's responsibility to pay transportation charges for any part submitted for replacement under this warranty unless such return is requested in writing by LawnMaster.

