

LawnMaster®

Instruction Manual

LawnMaster 40cm 1800W Electric Mower MEB1840M



Original Instructions



WARNING: Read all safety instructions carefully before assembling and operating this machine. Ensure the machine has been assembled correctly and safely. Keep the instructions safe and pass them on to any subsequent user so that the information is always available.



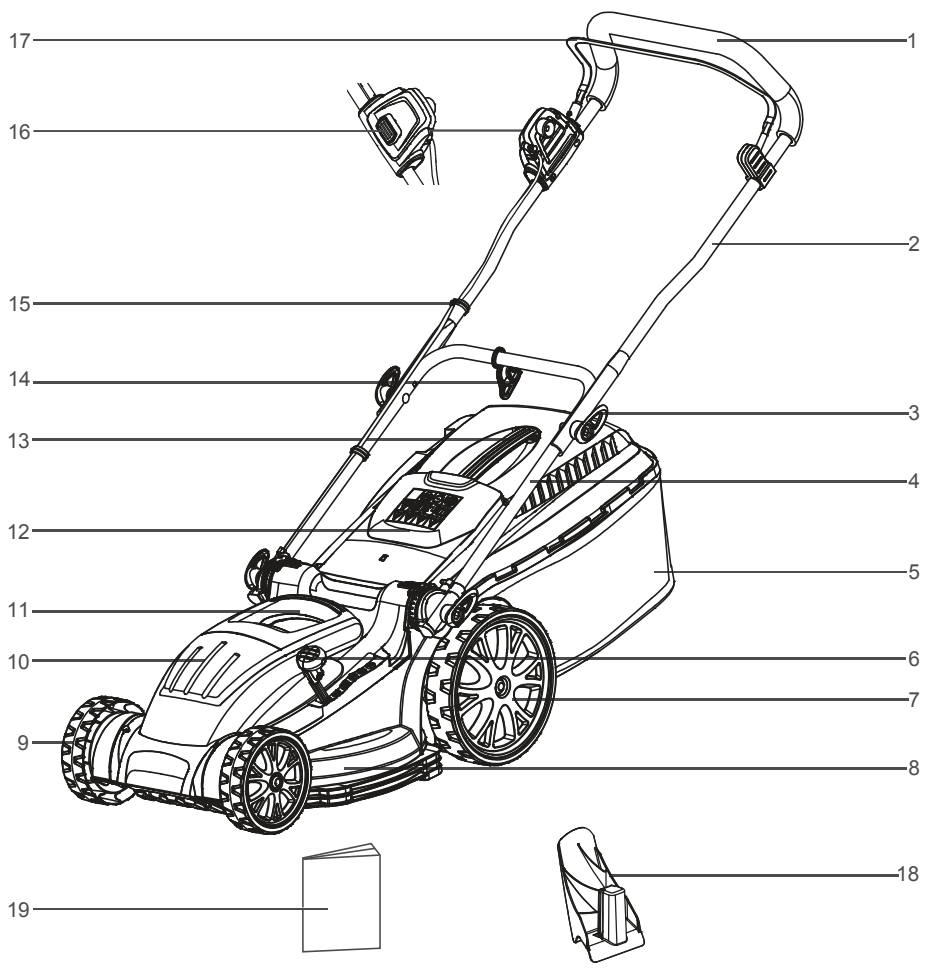

















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SYMBOLS

The following warning symbols appear throughout this manual and indicate the appropriate safety measures you should take when operating and maintaining the appliance.

SYMBOL	DESIGNATION/EXPLANATION
	Caution! Take extra care, beware of hazards.
	Read instruction manual.
	Do not expose the equipment to rain or leave outdoors. Do not work in the rain and do not cut wet grass.
	Risk of injury by objects thrown out of from the machine.
	Keep bystanders and pets at a safe distance while operating the mower.
	Caution! The lawnmower blade continues to run after switching off.
	Caution-sharp cutting blade! Keep feet and hands away. Risk of injury!
	Switch off the motor and disconnect the plug before carrying out maintenance or repair work, or if the power cable is caught or damaged.
	Wear eye and ear protection.
	Warning! Beware of electric shocks.
	Keep the power cable away from the cutting blade!
	Protection class II
	Noise level specification L_{WA} in dB.
	Do not dispose of electrical equipment in domestic waste.
	Cutting diameter

WARNING

To avoid serious personal injury, do not attempt to use this product until you read thoroughly and understand completely the instruction manual.

If you do not understand the warnings and instructions in the instruction manual, do not use this product.

SAFETY INFORMATION



IMPORTANT

Read all safety regulations and instructions and keep in a safe place for future use.

Important! When using equipment, the following safety precautions must be followed to avoid injuries and damage:

- Read all operating instructions carefully and comply with them. It is important to understand these instructions and to acquaint yourself with the machine, its correct usage and all safety requirements.
- Keep this manual in a safe place so that the information is available to the operator at all times.
- If you give the equipment to any other person, give them these operating instructions as well.
- We accept no liability for damage or accidents which result from non-compliance with these instructions.
- The device must not be used by people (including children) with limited physical, sensory or mental faculties or who lack the necessary experience and/or knowledge - other than they are supervised by a person responsible for safety or are being instructed to operate the appliance by such a person.
- Never allow children or people who are unfamiliar with these operating instructions to use the machine. Local regulations can restrict the age of the operator.
- Never operate the machine while people, especially children, or pets are nearby.
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

SAFETY INFORMATION

- While operating the machine always wear substantial footwear and long trousers. Do not operate the machine when barefoot or wearing open toed sandals. Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
- Thoroughly inspect the area where the machine is to be used and remove all objects which can be thrown by the machine.
- Before using, always visually inspect to see that the blade, blade bolt and the blade assembly are not worn or damaged. Replace worn or damaged components in sets to preserve balance. Replace damaged or unreadable labels.
- Before use check the power supply and extension cord for signs of damage or aging. If the cord becomes damaged during use, disconnect the cord from the supply immediately. **DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY.** Do not use the machine if the cord is damaged or worn.
- Operate the machine only in daylight or in good artificial light.
- Avoid operating the machine in wet grass.
- Always be sure of your footing on slopes.
- Walk, never run.
- Mow across the face of slopes, never up and down.
- Exercise extreme caution when changing direction on slopes.
- Do not mow excessively steep slopes.
- Use extreme caution when reversing or pulling the machine towards you.

SAFETY INFORMATION

- Stop the blade(s) if the machine has to be tilted for transportation when crossing surfaces other than grass, and when transporting the machine to and from the area to be used.
- Never operate the machine with defective guards or shields, or without safety devices, for example deflectors and/or grass collector, in place.
- Switch on the motor carefully according to instructions and with feet well away from the blade(s).
- Do not tilt the machine when switching on the motor, except if the machine has to be tilted for starting. In this case, do not tilt it more than absolutely necessary and lift only the part, which is away from the operator.
- Do not start the machine when standing in front of the discharge opening.
- Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- Do not transport the machine while the power source is running.
- Stop the machine and remove plug from the socket. Make sure that all moving parts have come to a complete stop.
 - Whenever you leave the mower,
 - Before clearing blockages or unclogging chute,
 - Before checking, cleaning or working on the machine,
 - After striking a foreign object. Inspect the machine for damage and make repairs before restarting and operating the machine.
- If the machine starts to vibrate abnormally (check immediately)
 - Inspect for damage,

SAFETY INFORMATION

- Replace or repair any damaged parts,
- Check for and tighten any loose parts.
- Keep all nuts, bolts and screws tight to be sure the machine is in safe working condition.
- Check the grass collector frequently for wear or deterioration.
- Be careful during adjustment of the machine to prevent entrapment of the fingers between moving blades and fixed parts of the machine.
- Always allow the machine to cool down before storing.
- When servicing the blades be aware that, even though the power source is switched off, the blades can still be moved.
- Replace worn or damaged parts for safety. Use only genuine replacement parts and accessories.
- The machine should be supplied via a residual current device (RCD) with a tripping current of not more than 30 mA.
- Ensure that the mains voltage matches the specifications on the rating plate.
- Use only authorised power cables of type H05VV-F, which are no more than 75 m long and suitable for outdoor use. The power cable wire cross section must be at least 2.5 mm². Always completely unroll cable drums before use. Check the cable for damage.
- Keep the power cable away from the cutting tool when working. The cutting blades may damage the power cable and result in contact with live parts. Always run the power cable behind the operator. The extension cable can be accidentally cut. Risk of electric shock!
- Do not use the power cable to pull the plug from the socket. Protect the power cable from heat, oil and sharp edges.

SAFETY INFORMATION

- Switch off the equipment and disconnect the plug from the socket if the power cable is damaged. If the power cable is damaged, it must be replaced by the manufacturer, the customer services of the same, or a qualified person, in order to avoid hazards.
- Do not connect a damaged power cable to the mains. Do not touch a damaged power cable when it is connected to the mains. A damaged power cable may result in contact with live parts.
- Do not attempt to repair the equipment yourself unless you have been trained to do so. Any work not specified in these instructions is to be carried out only by a qualified person.
- Use only spare parts and accessories supplied and recommended by the manufacturer. The use of non-original parts will immediately invalidate the guarantee.
- Before each use, carry out a visual inspection of the equipment. Do not use the equipment if protective devices (e.g. grass collection bag), parts of the cutting device or bolts are missing, worn or damaged. To avoid imbalance, damaged tools and bolts are to be replaced only in sets.
- Do not work with the equipment when tired, lacking concentration or under the influence of alcohol or drugs. Always take breaks in good time. Take a sensible approach to the work. A moment of carelessness when using the equipment can result in serious injury.
- Do not overload the equipment. Work only within the specified power range and do not change the regulator settings on the motor. Do not use low-powered machines for heavy work. Do not use your equipment for purposes other than those for which it is designed.

SAFETY INFORMATION

- Do not work with equipment that is damaged, incomplete, or has been modified without the authorisation of the manufacturer. Do not use the equipment with damaged safety devices or screens or with missing safety equipment such as deflection and/or grass collection devices.
- Do not lift or carry the equipment when the motor is running. Risk of injury from cuts.
- Do not use the equipment near inflammable liquids or gases. Non-observance will result in a risk of fire or explosion.
- Keep the equipment in a dry location and out of reach of children.
- Always keep the grass ejection hole clean and clear. Remove cut material only when the equipment is stopped and disconnected from power supply.
- Do not leave the equipment unattended in the workplace.
- When servicing the blades, remember that they can move even if the power source is off.
- Handle the equipment with care. Keep tools sharp and clean, in order to facilitate better and safer work. Follow the maintenance instructions.

Double Insulation

Double insulation is a concept in safety in electric power tools, which eliminates the need for the usual three-wire grounded power cord.

All exposed metal parts are isolated from the internal metal motor components with protecting insulation. Double insulated tools do not need to be grounded.

SAFETY INFORMATION



WARNING

The double insulated system is intended to protect the user from shock resulting from a break in the tool's internal insulation. Observe all normal safety precautions to avoid electrical shock.

NOTE: Servicing of a product with double insulation requires extreme care and knowledge of the system and should be performed only by a qualified technician.

Electrical Connection

This product has a precision-built electric motor. It should be connected to a power supply that is 220-240V~50 Hz, AC only (normal household current). Do not operate this product on direct current (DC). A substantial voltage drop will cause a loss of power and the motor will overheat. If the product does not operate when plugged into an outlet, double-check the power supply.

Extension Cords

When using a power tool at a considerable distance from a power source, be sure to use an extension cord that has the capacity to handle the current the product will draw. An undersized cord will cause a drop in line voltage, resulting in overheating and loss of power.

Before you connect the mower to the mains supply make sure that data on the rating plate are identical to the mains data. Before using any extension cord, inspect it for loose or exposed wires and cut or worn insulation.

SAFETY INFORMATION



WARNING

Keep the extension cord clear of the working area. Position the cord so that it will not get caught on other obstructions while you are working. Failure to do so can result in serious personal injury.

Intended Use

This lawnmower is designed for domestic use only:

- This electric lawnmower is intended for mowing lawns in domestic and hobby gardens.
- This product is not to be used in wet weather conditions and may not be used to mow wet or unusually high grass.
- This product is intended for private domestic use only, not for any commercial trade use. It must not be used for any purposes other than those described. Any use of the machine that deviates from its intended use will invalidate the warranty.

IN THE BOX

- | | | |
|------------------------------------|---------------------------------|-----------------------------|
| 1. Foam Grip | 8. Deck | 15. Cable Clip (x2) |
| 2. Upper Handle | 9. Front Wheel | 16. Safety Button |
| 3. Wing Knob (x4) | 10. Motor Housing | 17. Start/Stop Switch Lever |
| 4. Lower Handle | 11. Carry Handle | 18. Mulching Plug |
| 5. Grass Collection Bag | 12. Deflector Guard | 19. Instruction Manual |
| 6. Cutting Height Adjustment Lever | 13. Grass Collection Bag Handle | |
| 7. Rear Wheel | 14. Cord Retainer | |

ASSEMBLY

Assembly Preparation

- Carefully remove all contents from the product packaging.
 - Ensure you have all the accessories and tool(s) needed for assembly and operation. This also includes suitable personal protective equipment.
-



WARNING

If any parts are damaged or missing do not operate this product until the parts are replaced. Failure to pay attention to this warning could result in serious personal injury.



WARNING

Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.



WARNING

Do not connect to power supply until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.



WARNING

Never operate the mower without the proper safety devices in place and in correct working order. Never operate the mower with damaged safety devices. Failure to pay attention to this warning can result in serious personal injury. Make sure all packing is removed from product parts before starting assembly.

Assembling the Lower Handle (See Fig. 1)

- Unfold the lower handle and adjust to the desired operating position. There are three possible positions (Fig. 1).
- Rotate the wing knobs clockwise to tighten (Fig. 1).

Assembling the Upper Handle (See Fig. 2)

- Align the upper handle and lower handle and secure with the wing knobs and bolts (Fig. 2).
- There are two possible height positions. Choose the one most suitable to the operator's height.
- Secure the control cable against the handle frame with the supplied cable clips.

ASSEMBLY

Assembling the Grass Collection Bag (See Fig. 3)

- Fully insert the rods of the metal frame into the slots on either side of the plastic base of the grass collection bag. Secure the metal support rods into the fixing position on either side of the grass collection base. Ensure the side clamping sleeves are properly fixed onto the metal support frame (Fig. 3).
- There is a hole in the bottom of the grass collection bag to hang it up if required.

Attaching/Removing the Grass Collection Bag (See Fig. 4)

NOTE: When using the grass collection bag, do not install the mulching plug. The mulching plug **MUST** be removed prior to installing the collection bag. The mulching plug is supplied fitted in the collection chute of the mower.

- Lift the deflector guard all the way up with one hand (Fig. 4).
- Attach the grass collection bag onto the mounting brackets provided at the back of the lawn mower. Align the bottom of the grass collection bag first ensuring the collection tongue is located fully within the discharge chute of the lawnmower (Fig. 4).
- Lower the deflector guard onto the grass collection bag - it will keep it in place.
- To remove the grass collection bag, lift the deflector guard and unhook the grass collection bag from the mounting brackets. Carefully release the deflector guard back down.

Grass Collection Full Indicator (See Figs. 5-6)

The grass collection full indicator is a small flap located on the side of the grass collection bag.

- If the grass collection bag is empty or partially full, the grass full indicator flap will remain open (Fig. 5).
- When this flap remains closed it means that the grass collection bag is full and needs to be emptied (Fig. 6).

Attaching/Removing the Mulching Plug (See Fig. 7)



WARNING

Do not at any time make any adjustment to the lawnmower without first stopping the motor and disconnecting from power supply. Failure to comply could result in accidental starting and possible serious personal injury.

NOTE: The mulching plug **MUST** be removed if collection bag is used during mowing operation.

This mulching plug prevents grass from being collected by blocking the collection chute. This allows the grass clippings to be deposited back on the lawn during cutting. This finely cut grass acts as a nutrient for the lawn.

ASSEMBLY

To install the mulching plug:

- Lift the deflector guard and detach the grass collection bag.
- Lift and hold the deflector guard up with one hand.
- With other hand grasp the mulching plug by its upright handle and insert the plug into the rear discharge chute. Ensure that the locking latch snaps into place (Fig. 7).
- Release the deflector guard back into position during operation.

To remove the mulching plug:

- Lift and hold the deflector guard up with one hand.
- With other hand squeeze the mulching plug's upright handle to release the locking latch. Pull the mulching plug up and out of the discharge chute.

OPERATION

WARNING

Do not allow familiarity with this type of product to make you careless. Always pay attention when operating this product, not doing so can result in serious injury.

WARNING

Always wear safety goggles or safety glasses with side shields when operating this product. Failure to do so could result in objects being thrown into your eyes, resulting in possible serious injury.

WARNING

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

Setting the Cutting Height (See Fig. 8)

WARNING

Switch off the equipment, disconnect the plug from the power supply and wait for the blade to come to a complete stop before adjusting the cutting height. A rotating blade can cause injury. Keep your feet away from the deck when adjusting its height.

Before using the mower for the first time, adjust the cutting position to the height best suited for your lawn. The mower can be set to 6 cutting heights between 20mm and 70mm. Choose the appropriate cutting height according to the types and conditions of the grass. For the first cut each season, a higher cutting setting should be selected.

Position	Cutting Height
1	20mm
2	30mm
3	40mm
4	50mm
5	60mm
6	70mm

OPERATION

To set the cutting height:

- To raise the cutting height, grasp the cutting height adjustment lever, disengage the lever from its current setting, and then move it towards the back of the mower and engage the lever in the desired cutting height position (Fig. 8).
- To lower the cutting height, grasp the cutting height adjustment lever, disengage the lever from its current setting, and then move it towards the front of the mower and engage the lever in the desired cutting height position (Fig. 8).

Starting/Stopping the Mower (See Figs. 9-10)

- Make a loop in the power cord and hang the loop onto the cord retainer (Fig. 9).
- Connect the machine to a suitable power supply.
- Before switching the mower on, make sure that the working area is free from debris and foreign objects.
- Press and hold the safety button. Pull the switch lever towards the mower handle and hold in position (Fig. 10).
- Once started, release the safety button. Continue to hold the switch lever against the mower handle as you mow.
- To switch the mower off, release the switch lever.

NOTE: A high-pitched noise and sparking may occur as the electric motor decelerates. This is normal.



WARNING

The blade may keep rotating for a few seconds after the device has been switched off. Do not touch the rotating blade. A rotating blade can cause injury.

General Operation

Check the product, its power cord and accessories for damage before each use. Before use, ensure all power connections are in good working order prior to operation. If damage is present or observed, stop and have mower serviced before use. Do not use the product if it is damaged.

- Double check that the blade is properly installed.
 - Always hold the product by its handles. Keep the handle dry to ensure safe support.
 - Ensure that the air vents are always unobstructed and clear. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the product.
 - Switch the product off immediately if you are disturbed while working by other people entering the working area.
 - Always let the product come to complete stop before removing the grass collection bag/mulching plug.
-

OPERATION

- Always keep the power cord behind you and when you turn, move it to the side that has already been mowed.
- Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the product.

Mowing (See Fig. 11)

- Avoid cutting the power cord. It is advised to mow away from the plug socket and avoid twisting the power cord (Fig. 11). Mow at a normal walking pace and always overlap tracks by a few centimetres for a gap-free finish.
- Make sure the lawn is clear of stones, sticks, wires, and other objects that could damage the lawn mower blades or motor. Such objects could be accidentally thrown by the mower in any direction and cause serious personal injury to the operator and others.
- To reduce the likelihood of disconnecting the lawn mower from the power cord, be sure to use the cord retainer provided.
- When cutting thick grass, reduce walking speed in order to allow for a more effective cut and a proper discharge of the clippings.
- Never cut off more than one-third of the total length of the grass for a healthy lawn. If it is roughly 6cm long, the grass should not be shorter than 4cm once mowed. If the grass is higher, you should gradually cut it down to the desired length so as not to damage the grass. Cutting grass that is too long will result in poor collection performance and may overload the motor.
- Do not cut wet grass because it tends to stick to the underbody of the lawn mower, preventing the proper discharge of grass clippings resulting in poor collection performance.
- Slopes are a major factor related to slip and fall accidents that can result in severe injury. Mowing on slopes requires extra caution. If you feel uneasy on a slope, do not mow it. For your safety, do not attempt to mow slopes greater than 15 degrees.
- Mow across the face of slopes, not up and down. Exercise extreme caution when changing direction on slopes.
- Watch for holes, ruts, rocks, hidden objects, or bumps which can cause you to slip or trip. Tall grass can hide obstacles. Remove all objects such as rocks, tree limbs, etc., which could be tripped over or thrown by the blade.
- Always be sure of your footing. A slip and fall can cause serious personal injury. If you feel you are losing your balance, release the switch lever immediately.
- Do not mow near drop-offs, ditches, or embankments; you could lose your footing or balance.
- The mower is equipped with a rear roller, which leaves a striped finish on the lawn and helps to prevent scalping on borders and edges.

MAINTENANCE



WARNING

If a part become worn or damaged, use recommended manufacturer's replacement parts. Use of any other parts may create a hazard or cause product damage.



WARNING

Switch off the equipment before all maintenance and cleaning work, disconnect the plug and wait until the blade stops.



WARNING

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

General Maintenance

- Keep all safety devices, air vents and the motor housing free of dirt and dust. Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean, dry cloths to remove dirt, dust, oil, grease, etc.
- Periodically check all nuts and bolts for proper tightness to ensure safe operation of the mower.
- Remove any buildup of grass and leaves on or around the motor cover. Wipe the mower clean with a dry cloth occasionally. Do not use water as this may damage any electrical components.

Replacing the Mower Blade (See Fig. 12)



WARNING

Always wear protective, heavy gloves and/or wrap the cutting edges of the blade with rags when performing blade maintenance. Failure to pay attention to this warning could result in serious personal injury.

- Stop the motor and disconnect the power supply. Allow the blade to come to a complete stop.
 - Turn the mower on its side.
 - Wear sturdy gloves and hold the blade firmly. Turn the blade screw anticlockwise off the motor spindle using a suitable wrench and remove it together with the blade (Fig. 12).
 - Replace the blade with a new one of the same type.
 - Reattach the blade onto the spindle, ensuring the blade's wings are angled upwards towards the mower deck. Ensure that the blade is positioned correctly and the screw tightened firmly.
 - Using a torque wrench, tighten the blade nuts to 20Nm max. to ensure the bolt is properly tightened.
-

MAINTENANCE

Storing the Mower (See Fig. 13)

The device features the following storage options to save space:

- Before storing your mower, ensure the product is disconnected from the power supply.
- Release the upper and lower wing knobs on both sides of the handle bars.
- Fold the upper handle and lower handle assembly over the device housing. Making sure that the cables do not become trapped (Fig. 13).
- The cable can be wrapped around the wing knobs for storage.
- Store the equipment in a cool, dry location and out of reach of children.
- Allow the motor to cool before storing the equipment in a confined space.
- Do not cover the equipment as moisture could build up.

TROUBLESHOOTING



WARNING

Only perform the steps described within these instructions! All further inspection, maintenance and repair work must be performed by a qualified specialist.

Gloves and appropriate protective clothing must be worn when performing these instructions.


Always turn off the machine and disconnect the plug and wait until the blade stops before making any adjustment.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Handles are not in position.	The carriage bolts are not seated properly.	Adjust the height of the handle and make sure the carriage bolts are seated properly.
	The wing knobs are not tightened.	Tighten the wing knobs by rotating clockwise.
The mower does not start.	The power is off.	Check the socket, fuse, cable, wire and plug and have any repairs carried out by a qualified electrician.
	The power cord is not connected to power source.	Connect the power cord to a power source.
	Tripped circuit breaker in the house.	Reset house circuit breaker. If it trips again, call a qualified electrician.
	Defective switch lever or safety button.	Repair by a qualified person.
	The grass is too long.	Set a higher cutting height.
	Jammed blade.	Stop the mower and disconnect from the power supply, then remove the blockage.
The motor stops.	The mower is blocked by foreign object.	Remove the foreign object.
	Motor protection has engaged due to overheating.	Allow the mower to cool down. Cut long grass down in stages and avoid overloading the motor.

TROUBLESHOOTING

The mower cuts grass unevenly or motor labours.	The lawn is rough or uneven or cutting height not set properly.	Adjust the cutting position to the height best suited for your lawn.
	The blade is blunt.	Replace the blade.
	The blade area is blocked.	Clean the blade area and remove the blockage.
	The blade is assembled incorrectly.	Install the blade correctly. Blade wings should be facing up away from the ground.
Poor collection performance.	The mowing conditions are not optimal.	Cut long grass down in stages by gradually lowering the height of cut. Wait for wet grass to dry.
	Mulching plug is inside collection chute.	Remove mulching plug.
The blade fails to rotate.	The blade is blocked by grass.	Remove the grass.
	The blade screw is loose.	Tighten the blade screw.
The mower vibrates at higher speed.	The blade screw is loose.	Tighten the blade screw.
	The blade is damaged.	Replace the blade.
	The motor shaft is bent.	Stop the motor, disconnect the power source, and inspect for damage. Have repaired made by a qualified personal.

TECHNICAL DATA

Voltage	220-240V ~ 50Hz
Power	1800W
No Load Speed	3500/min
Cutting Width	40cm
Cutting Height Adjustment	20/30/40/50/60/70mm (6 Positions)
Grass Collection Bag Capacity	40L
Wheel Size	170/255mm
Weight	15.01kg
Protection Type	IPX4
Noise Level Specification (L_{WA}) Guaranteed	96dB(A)
Vibration (a_n)	$3.6m/s^2$ $K=1.8m/s^2$
Protection Class	 / II

RECYCLING AND DISPOSAL



This marking indicates that this product should not be disposed with other household wastes. The machine must be delivered in rigid packaging to avoid damage during transportation. The packaging and the machine itself are manufactured from recyclable materials and should be disposed of accordingly.

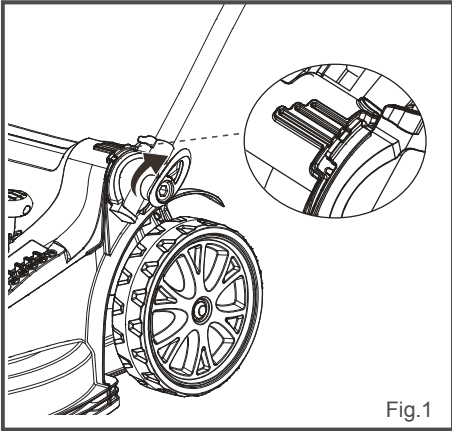


Fig.1

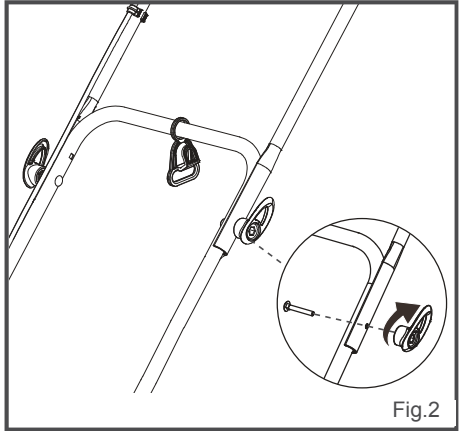


Fig.2

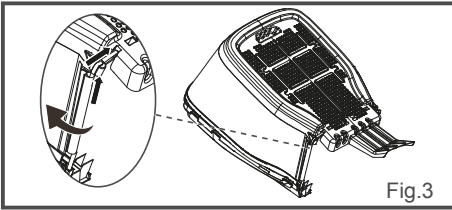


Fig.3

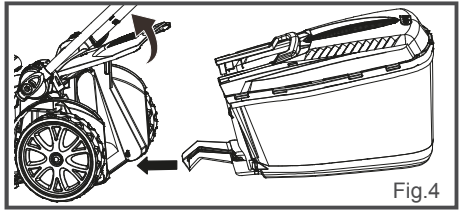


Fig.4

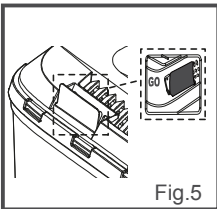


Fig.5

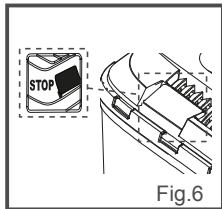


Fig.6

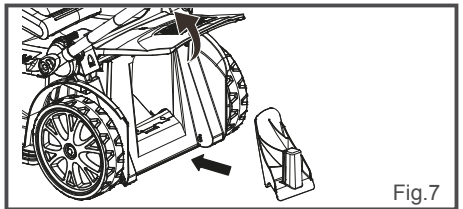


Fig.7

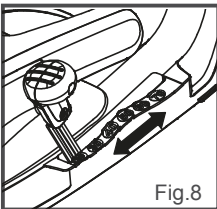


Fig.8

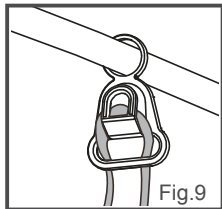


Fig.9

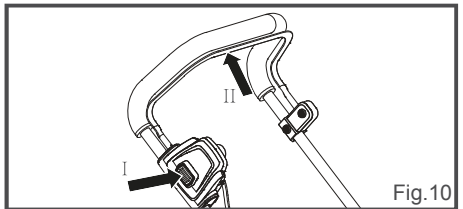


Fig.10

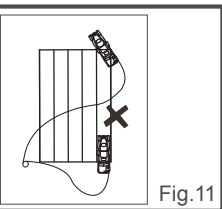
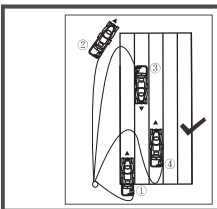


Fig.11

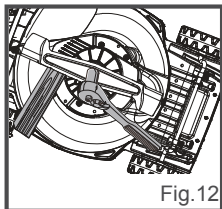


Fig.12

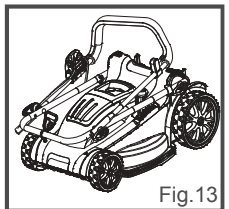


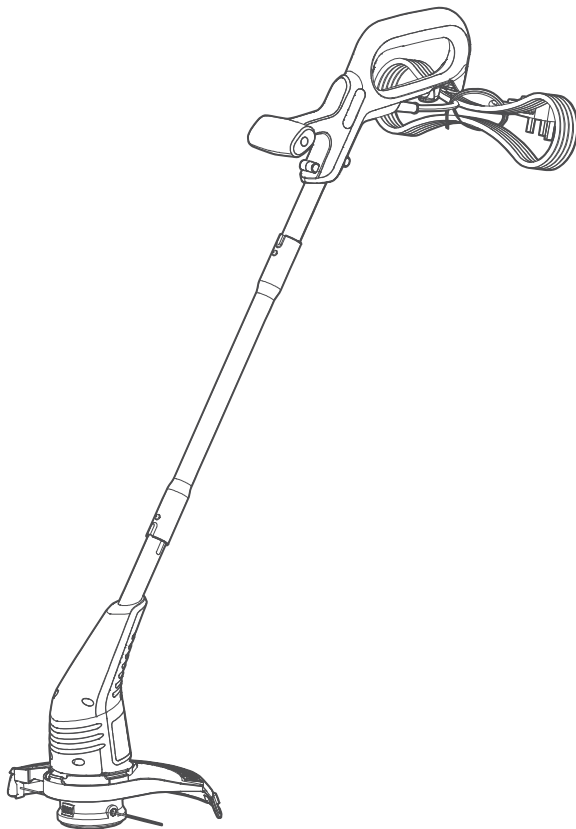
Fig.13

MEB1840M
Suzhou Cleva Electric Appliance Co., Ltd.
No.8 Ting Rong Street
Suzhou Industrial Park, Suzhou
Jiangsu Province, China
www.cleva-europe.com
Made in P.R.C

LawnMaster[®]

Instruction Manual

LawnMaster 350W Grass Trimmer GT2551X



Original Instructions



WARNING: Read all safety instructions carefully before assembling and operating this machine. Ensure the machine has been assembled correctly and safely. Keep the instructions safe and pass them on to any subsequent user so that the information is always available.



UK
CA



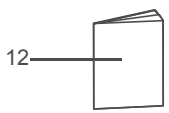
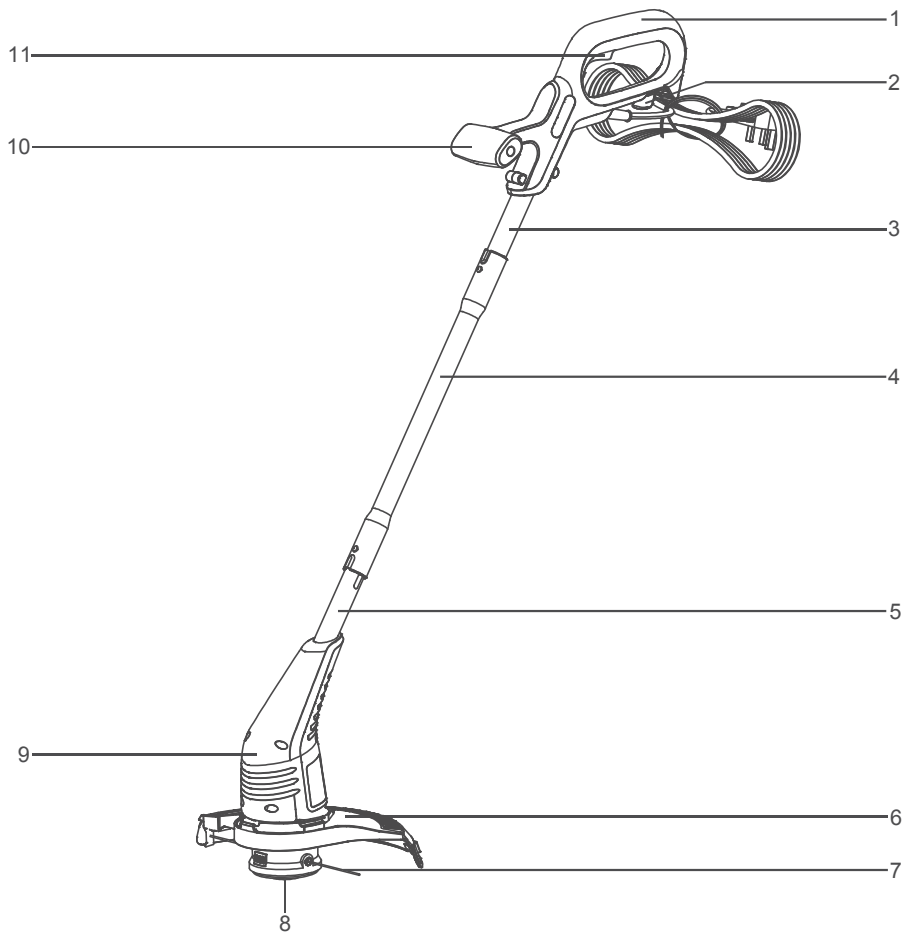














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SYMBOLS

The following warning symbols appear throughout this manual and indicate the appropriate safety measures you should take when operating and maintaining the appliance.

SYMBOL	DESIGNATION/EXPLANATION
	Caution
	Read instruction manual.
	Keep bystanders away.
	Do not expose to rain.
	Wear eye protection.
	Wear ear protection.
	Disconnect the mains plug if the cord becomes damaged or entangled.
	Switch off the motor and disconnect the plug before carrying out maintenance or repair work, or if the power cable is caught or damaged.
	Noise level specification Lwa in dB(A).
	Protection Class II
	Cutting Width
	Do not dispose of electrical equipment in domestic waste.

WARNING

To avoid serious personal injury, do not attempt to use this product until you read thoroughly and understand completely the instruction manual.

If you do not understand the warnings and instructions in the instruction manual, do not use this product.

SAFETY INFORMATION

IMPORTANT

READ CAREFULLY BEFORE USE. KEEP FOR FUTURE REFERENCE.



IMPORTANT!

When using this equipment, the following safety precautions must be followed to avoid injuries and damage.

- Read the instructions carefully. Be familiar with the controls and the proper use of the machine.
- Never allow people unfamiliar with these instructions or children to use the machine. Local regulations may restrict the age of the operator.
- The operator or user is responsible for accidents or hazards occurring to other people or their property.
- Keep this manual in a safe place so that the information is available at all times.
- If you give the equipment to any other person, give them these operating instructions as well.
- We accept no liability for damage or accidents which result from non-compliance with these instructions.

Preparation

- Before use, check the power supply and extension cord for signs of damage or ageing. If the cord becomes damaged during use, disconnect the cord from the supply immediately. **DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY.** Do not use the appliance if the cord is damaged or worn.
 - Before use, always visually inspect the trimmer for
-

SAFETY INFORMATION

- damaged, missing or misplaced guards or shields.
- Keep all bystanders, children, and pets away. The operator is responsible for accidents or hazards occurring to other people or property.
 - Never operate the trimmer while people, especially children, or pets are nearby.
 - Do not use the trimmer if any part is damaged or defective. Do not use the trimmer if the switch does not turn it on and off.
 - Do not operate machine 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.
 - Stay alert, watch what you are doing and use common sense when operating a trimmer. Do not use a grass trimmer while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating the appliance may result in serious personal injury.
 - Use protective safety equipment where appropriate. Always wear eye and hearing protection. The use of non-slip safety shoes will reduce personal injuries.
 - Avoid accidental starting. Ensure the switch is in the off-position before plugging in. Carrying tools with your finger on the switch invites accidents.
 - Ensure you always have proper footing and balance. This will provide better control of the machine in unexpected situations.
 - Do not wear loose clothing or jewellery. They can be caught in moving parts. Use of safety gloves and substantial footwear is recommended when working outdoors.

SAFETY INFORMATION

- Do not use the machine for applications that are beyond its capacity. Use the correct machine for your application. The correct appliance will do the job better and more safely at the rate for which it was designed.
- Do not use the machine if the switch does not turn it ON and OFF. Any tool that cannot be controlled with the switch are dangerous and must be repaired.
- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing tools. Such preventive safety measures reduce the risk of starting the trimmer accidentally.
- Always maintain the grass trimmer in good working order. Check for misalignment or binding of moving parts, breakage of parts, or other conditions that would affect its operation. If damaged, have the machine repaired before use.
- Keep cutting tools sharp and clean. Properly maintained cutting attachments with sharp cutting edges are less likely to bind and are easier to control.
- Only use the tool, accessories, and attachments as described in these instructions. Using the tool for operations it is not intended for could cause damage to the tool and hazardous situations. Always consider the working conditions and the work to be performed.
- We recommend that only parts and accessories made for this machine by the manufacturer are used. Failure to do so can result in personal injury.
- When starting up and when the machine is in operation, keep the cutting section away from all parts of the operators body, especially the hands and feet.

SAFETY INFORMATION

Operational Safety

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Do not expose the appliance to rain. Do not use the appliance in damp or wet conditions.
- Be sure that the appliance is switched off before connecting it to the mains supply.
- Keep the supply and extension cord away from the cutting means.
- Wear eye protection and stout shoes at all times while operating the machine.
- Avoid using the trimmer in bad weather conditions especially when there is a risk of lightning.
- Only work in good daylight or appropriate and adequate artificial light.
- Never operate the trimmer with damaged guards or shields or without guards or shields in place.
- Switch on the trimmer only when hands and feet are away from the cutting means.
- Always switch off the trimmer and remove the plug from the power supply,
 - whenever you leave the machine,
 - before clearing blockages,

SAFETY INFORMATION

- before checking, cleaning or working on the machine,
- after striking a foreign object.
- Stay alert at all times. Watch carefully what you are doing. Use common sense.
- Do not operate the appliance when you are tired.
- Take care against injury to feet and hands from the cutting means.
- Always ensure that the ventilation openings are kept clear of debris.
- If the appliance begins to vibrate abnormally, switch it off and remove the plug from the socket. Allow rotating parts to stop and inspect the appliance for damage and loose parts.
- Never pull the cord to disconnect the plug from the socket. Keep the cord away from heat, oil and sharp edges.
- If the main cable becomes damaged during use, switch the appliance off and disconnect the plug from the mains immediately. Do not touch the mains cable before disconnecting from the power outlet.
- For the safe operation of this machine, it should always be used together with a residual current device (RCD) with a tripping current of not more than 30mA.
- This tool is double insulated; therefore no earth wire is required. Always check that the power supply corresponds to the voltage on the rating plate.

Maintenance and Storage Safety

- Switch off, remove the plug from the power outlet and ensure that all moving parts have stopped completely before carrying out maintenance or cleaning work.

SAFETY INFORMATION

- Use only the manufacturer's recommended replacement parts and accessories.
- Inspect and maintain the trimmer regularly. Have the trimmer repaired only by qualified persons.
- When not in use, the appliance should be stored in a safe, dry place. Children should not have access to stored appliances.
- Ensure that the appliance will operate properly and perform its intended function.
- If the mains cable is damaged or defective it must immediately be repaired by a qualified person to avoid any further hazard.
- Never attempt to remove or replace any parts other than those specified in this manual.

Intended Use

This grass trimmer is designed for domestic use only:

- This trimmer is intended for trimming lawn grass in domestic gardens.
- This product is not to be used in wet weather conditions and may not be used to trim wet or unusually high grass.
- This product is intended for private domestic use only, not for any commercial trade use. It must not be used for any purposes other than those described. Any use of the machine that deviates from its intended use and is not included in these instructions is considered unauthorised use and relieves the manufacturer from his or her legal liability.

IN THE BOX

- | | |
|---|---------------------------------|
| 1. Main Handle | 7. Trimming Line |
| 2. Cable Strain-relief | 8. Trimmer Head with Line Spool |
| 3. Upper Shaft | 9. Motor Housing |
| 4. Middle Shaft | 10. Auxiliary Handle |
| 5. Lower Shaft | 11. On/Off Trigger |
| 6. Safety Guard with Line Cutting Blade | 12. Instruction Manual |

ASSEMBLY


Assembly Preparation

- Carefully remove all contents from the product packaging.
- Ensure you have all the accessories and tool(s) needed for assembly and operation. This also includes suitable personal protective equipment.

Assembling the Handle Shafts (See Fig. 1)

Insert the upper and lower handle shafts securely into the middle handle shaft and ensure they are fully engaged and locked into position (Fig. 1).

Fitting the Safety Guard (See Figs. 2&3)

- Place the safety guard over the trimmer head and onto rear of the motor housing. Make sure the markings  on the guard and the trimmer head are aligned as shown (Fig. 2).
- Rotate the guard along the support grooves following the directional arrow into the correct location. Make sure the screw holes on the guard and the trimmer head are aligned (Fig. 3).
- Secure the guard with 1 screw provided using a Phillips screwdriver (Fig. 3).



WARNING

The trimming line cutting blade on the safety guard is sharp. When fitting the guard avoid contact with the blade. Failure to avoid contact can result in serious personal injury.

OPERATION

Switching On and Off (See Figs. 4&5)



WARNING

Risk of injury! Do not operate the appliance without the safety guard.

To operate the appliance, wear suitable clothing, eye and ear protection.

Prior to every use, check that the appliance is operative. Do not block the on/off trigger. The trigger must reliably turn off the motor when you release it. Do not operate the appliance if the trigger is damaged.

NOTE: Maintain a firm stance and hold the appliance well with both hands and away from your body. Before turning on the appliance, check that it will not touch any objects.

- Hook the power cord through the cable strain-relief (Fig. 4).
 - Connect the plug to the power outlet.
 - To switch on, press the on/off trigger (Fig. 5).
 - To switch off, release the on/off trigger. There is no continuous operation mode.
-



WARNING

After turning off the appliance, the trimmer head will continue to rotate for some time. Allow the trimmer head to come to a complete standstill. Keep hands and feet well away. Risk of injury!

Cutting Device - Advancing the Trimming Line

This trimmer features a bump line feed. In order to advance the trimming line, firmly tap the bump cap on the trimmer head while the trimmer is running. This will automatically advance a new length of trimmer line and trim the line to the correct length. A firm but gentle motion should be used when tapping the bump cap on the lawn. This advancing process may be repeated as often as necessary. Never try to advance the line on a hard surface. If the unit fails to advance, stop and unplug the trimmer, clean the bump cap both inside and out.

NOTE: Regularly check the trimming line for damage and whether the line still has the correct length defined by the line cutting blade.



WARNING

The excess line that is cut off has a chance of hitting the user or other objects. Keep hands and feet well away.

When no line end is visible:

Replace the line spool (see Spool Replacement instructions in the Maintenance section).

OPERATION

Safety Guard



WARNING

The line cutting blade on the safety guard is delivered with a protective covering. Ensure this is removed before first use. Beware of sharp edges.

The device is fitted with a safety guard to protect the operator against thrown objects during operation. Ensure this is always fitted.

Adjusting Trimmer Head Angle for Edging (See Figs. 6-8)

Adjust the angle of the trimmer head according to the intended operation.

When trimming near edges and walls, push the shaft forward, turn the handle to 180° (Fig. 6 & 7). Place the trimmer along the edge of the lawn. Turn the trimmer on and push it forward slowly (Fig. 8).



WARNING

Always ensure the handle is locked in place! Only adjust to indicated angle. Never adjust to an intermediate position!

Trimming (See Figs. 9-11)



WARNING

Ensure the protective tape on the line cutting blade is removed before use and the safety guard is always fitted to the trimmer.

- Adjust the trimmer head angle to a proper position for trimming operation.
- Hold the grass trimmer firmly and ensure you keep your balance with your feet apart.
- Hold the grass trimmer head at an angle of approximately 30° to the ground. Avoid pressing it against the ground as this can cause damage to the lawn and product (Fig. 9).
- Move the trimmer slowly from side to side in a swinging motion (Fig. 10).
- Ensure the cutting device remains clean and free from off-cuts that may cause it to jam. Check regularly. Release the on/off switch and disconnect the plug before checking.

NOTE!

- When cutting longer or higher grass, make sure that you cut this down in 2 or 3 stages. Do not cut long grass in one cut (Fig. 11).
-

OPERATION

- Do not cut wet grass. This can stick to the cutting device and guard and prevents proper discharge of grass clippings.
- Do not allow the spool cover to drag on the ground or other surfaces.
- Wait until the product has come to a complete stop before placing it down.
- Regularly remove clippings and dirt from around the spool and guard. Ensure the product is switched off and unplugged.
- Pay attention when performing work close to trees and bushes. The cutting device can damage sensitive bark, and damage fence posts.
- Do not move the product too fast as this will result in ineffective cutting and possible damage.

MAINTENANCE



WARNING

Switch off the product, disconnect the plug and let the product cool down before all maintenance and cleaning work.



WARNING

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

General Maintenance

- Keep all safety devices, air vents and the motor housing free of dirt and dust. Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean, dry cloths to remove dirt, dust, oil, grease, etc.
 - Remove any buildup of grass and leaves on or around the motor cover. Wipe the grass trimmer with a dry cloth occasionally. Do not use water as this may damage any electrical components.
 - Regularly clean the trimming line and spool using a soft brush or dry cloth.
-

MAINTENANCE

Storage

- Clean the grass trimmer prior to storage.
- Store the grass trimmer and any accessories in a dry, frost-free place, away from direct sunlight.
- Always store the product in a place that is inaccessible to children.
- After each use, check the trimmer thoroughly for any damage. Clean the safety guard and cutting device with a soft, dry brush.
- Do not stand the trimmer on its safety guard. Suspend it by its upper handle in such a manner that the safety guard does not come into contact with other objects. This is because the safety guard could become deformed, thereby changing its dimensions and its safety properties.

Spool Replacement (See Figs. 12&13)

NOTE: Use only 1.5 mm diameter round monofilament line. Use original manufacturer's replacement line for best performance.



WARNING

Before replacing the spool line, make sure the trimmer is switched off and unplugged. The line cutting blade, located on the safety guard is sharp. Take extra care and wear protective gloves.

- Turn the grass trimmer upside down.
- Press together both the locking tabs (②) on either side of the spool cover (①) and remove the cover (Fig. 12).
- Remove the empty spool (③) from the trimmer head housing.
- Refer to the Line Replacement section in this manual if only the lines need to be replaced.
- Set the new spool onto the trimmer head and put the line ends through the line eyelets (④) on the trimmer head housing. Each line should protrude approx. 10 cm from the housing (Fig. 13).

NOTE: Pay attention that the line end does not slip off the grooves of the spool. Ensure the line is not held in the parking slot (⑥) on the spool before replacing the spool cover referring to the Line Replacement section.

- Replace the spool cover. Ensure that the locking tabs of the spool cover are accurately inserted in the corresponding recesses of the trimmer head. They lock in audibly.
-



CAUTION

After changing the spool, run the trimmer under no load (i.e. away from grass and weeds) for at least a minute to verify the line and the tool are both operating correctly. Use only the spool and line as recommended by the manufacturer.

MAINTENANCE

Line Replacement (See Figs. 14&15)

NOTE: Self-winding is not recommended. If the line is not wound properly it can cause the trimmer feed system to malfunction. For this reason, users are strongly urged to purchase the pre-wound spool.

Should you wish to wind the line yourself, the instructions are provided below:

- Remove the empty spool from the trimmer head referring to the Spool Replacement section.
- Remove any old line remaining on the spool.
- Cut 2 trimming lines with the same length for winding, approximately 3 m long for each. Use only 1.5 mm diameter monofilament line.
- Insert the trimming lines into each of the two anchor holes (⑤). One anchor hole is in the inside upper section of the spool as shown, and the other is in the opposite lower section of the spool (Fig. 14).
- Wind the trimming lines onto the spool. Ensure the line is wound in the direction indicated by the arrow on the spool (Fig. 15). Make sure to wind the line on neatly and in layers. Do not criss-cross.
- Place each end of the lines in the parking slots (⑥) on the edge of the spool, leaving some of the line out (Fig. 15).

NOTE: Always clean the spool cover and trimmer head housing before reassembling the trimmer head.

NOTE: Always clean the trimmer head before replacing the spool.

- Install the spool in the trimmer head as described in the Spool Replacement section. Check to make sure the line is taken out of the parking slot (⑥) on the spool before replacing the spool cover.

NOTE: Only use the appropriate trimming line specified in this manual.

TROUBLESHOOTING



WARNING

Only perform the steps described within these instructions! All further inspection, maintenance and repair work must be performed by a qualified specialist.

Gloves and appropriate protective clothing must be worn when performing these instructions.

Always turn off the machine and disconnect the plug and wait until the product stops before making any adjustment.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The trimmer does not start.	The power cord is not connected to power supply.	Connect to power supply.
	Power cord or plug is defective.	Check by a qualified person or contact the After Sales Helpline.
	Other electrical defect to the product.	Check by a qualified person or contact the After Sales Helpline.
The trimmer 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.
Excessive vibration/ loud noise.	The line spool is dirty.	Clean the line spool.
	The line spool is defective.	Replace the line spool. Refer to the Spool Replacement section in this manual.
	Motor defective.	Contact the After Sales Helpline.
Unsatisfactory result.	The trimming lines are worn or damaged.	Replace the trimming lines. Refer to the Line Replacement section in this manual.
	Insufficient trimming lines.	Install more lines. Refer to the Line Replacement section in this manual.
	The trimming lines are not guided out of the spool.	Remove the line spool and thread the trimming lines to the outside through the eyelets. Check the line ends are not held in parking slots on spool. Replace the spool if necessary.
	The trimmer head is dirty.	Clean the trimmer head.

TECHNICAL DATA

350W Grass Trimmer

Rated Voltage	220-240V~ 50Hz
Power	350W
No Load Speed	12000/min
Cutting Width	250mm
Cutting Line Diameter	1.5mm
Measured Sound Pressure Level (L_{PA})	83.2dB(A) K=3dB(A)
Sound Power Level (L_{WA}) Guaranteed	96dB(A)
Sound Power Level (L_{WA}) Measured	93.8dB(A) K=2.2dB(A)
Vibration (a_h)	4.3m/s ² K=2.2m/s ²
Protection Class	□ / II
Net Weight	2.1kg

RECYCLING AND DISPOSAL



This marking indicates that this product should not be disposed with other household wastes. The machine must be delivered in rigid packaging to avoid damage during transportation. The packaging and the machine itself are manufactured from recyclable materials and should be disposed of accordingly.

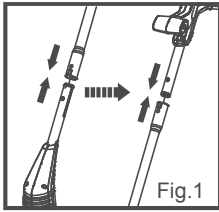


Fig.1

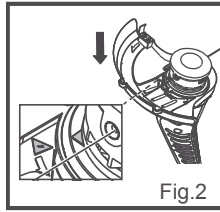


Fig.2

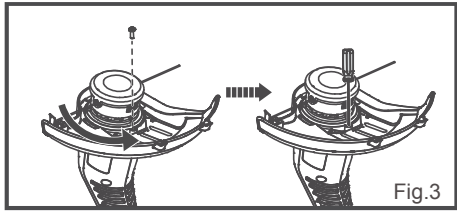


Fig.3

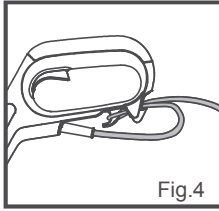


Fig.4

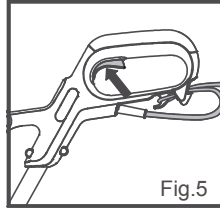


Fig.5

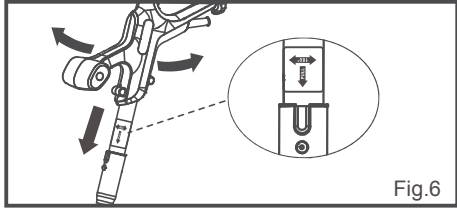


Fig.6

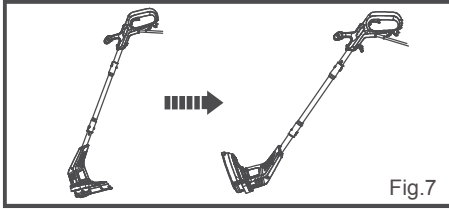


Fig.7

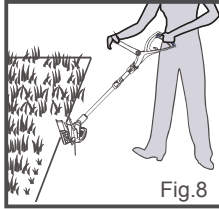


Fig.8

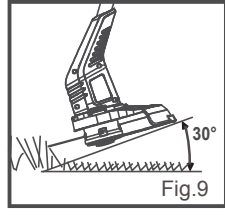


Fig.9

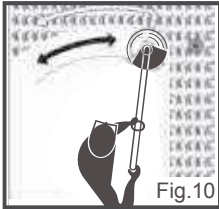


Fig.10



Fig.11

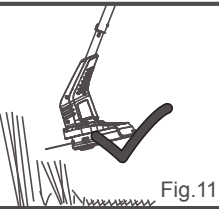


Fig.11

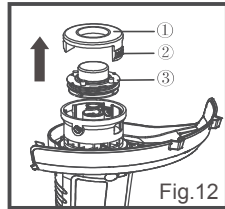


Fig.12

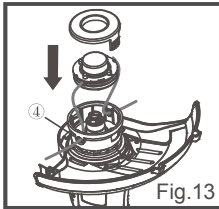


Fig.13

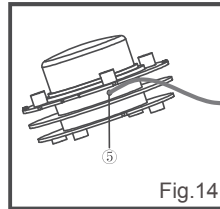


Fig.14

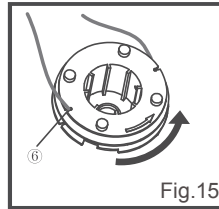


Fig.15

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