

MORRISON®

Morrison Edger



Owner's Manual

Important

Please read this Owner's Manual and the Express Warranty before using this product. The Warranty does not cover damage due to misuse or failure to follow the operating and assembly instructions.

Keep these instructions in a safe place for future use.



Do not operate this machine before it has been assembled correctly and you have read and understood these instructions.



These instructions are intended as a general guide and do not supersede national or local codes in any way. Contact local Authorities for clarity of laws relating to operation of this appliance.

Keep the instructions in a safe place for future use.

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Symbols in this Owner's Manual



Threatened hazard or hazardous situation. Not observing this instruction can lead to injuries or cause damage to property.



Important information on proper handling. Not observing this instruction can lead to faults in the machine.

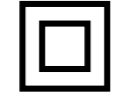


User information. This information helps you to use all the functions correctly.

Symbols on the Machine



Wear hearing protection.
Wear eye protection.



Double insulated for protection.



Keep hands, feet, hair and clothing away from the moving parts of the machine



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



Warning
Read the instruction manual carefully



Switch off and remove plug from mains before adjusting, cleaning or if the cords entangled or damaged.



Keep bystanders at a safe distance. Risk of stones or other objects could be thrown out. Keep other people and domestic animals at a safe distance.



Danger! Rotating blade.



Do not expose to moisture.



Disconnect the mains plug if the cord is damaged or entangled.

Proper Use

For safety reasons, the Electric Shredder is not to be used by children, young people under 16 years of age, or any other persons who are not acquainted with these directions for use.



Specific safety information Please read this safety information and the directions for use carefully and be sure to follow the instructions to the letter.



Warning
Even though this machine has been designed to be safe in use, it is essential to follow the Safe Working instructions carefully to avoid accidents to persons or property.

Safety Precautions

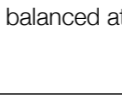
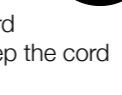
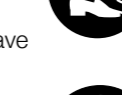
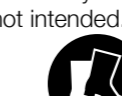
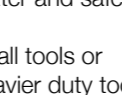
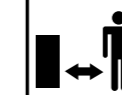
UNDERSTAND YOUR MORRISON EDGER

Read and understand the owner's manual and labels affixed to the Morrison Edger. Learn its application and limitations as well as the specific potential hazards peculiar to it.

DRUGS, ALCOHOL AND MEDICATION

Do not operate the Morrison Edger while under the influence of drugs, alcohol, or any medication that could affect your ability to use it properly.

- Keep the work area clean and tidy. Cluttered work areas and benches invite accidents and injury.
- Consider the environment in which you are working. Do not use the Edger in damp or wet locations.
 - Keep the work area well lit.
 - Do not expose the Edger to rain.
 - Do not use the Edger in the presence of flammable liquids or gases.
- Keep visitors away from the work area. All visitors and onlookers, especially children and infirm persons, should be kept well away from where you are working. Do not let others in the vicinity make contact with the tool or extension cord.
- Store tools safely. When not in use, tools should be locked up out of reach.
- Do not force the tool. The tool will do the job better and safer working at the rate for which it was designed.
- Use the correct tool for the job. Do not force small tools or attachments to do the job best handled by a heavier duty tool. Never use a tool for a purpose for which it was not intended.
- Dress correctly. Do not wear loose clothing or jewellery. They can be caught in moving parts. Rubber gloves and non-slip footwear are recommended when working outdoors. If you have long hair, wear a protective hair covering.
- Use safety accessories. Safety glasses and earmuffs should always be worn. A face or dust mask is also required if the drilling operation creates dust.
- Do not abuse the power cord. Never pull the cord to disconnect the tool from the power point. Keep the cord away from heat, oil and sharp edges.
- Do not overreach. Keep your footing secure and balanced at all times.



- Look after your tools. Keep the Edger clean for better and safer performance. Follow the instructions regarding lubrication and accessory changes. Inspect tool cords periodically and, if damaged, have them repaired by an authorised service facility. Inspect extension cords periodically and replace them if damaged. Keep tool handles dry, clean and free from oil and grease.
- Disconnect idle Edger. Switch off the power and disconnect the plug from the power point before servicing, when changing accessories and when the tool is not in use.
- Remove adjusting keys and wrenches. Check to see that keys and adjusting wrenches are removed from the tool before switching on.
- Avoid unintentional starting. Always check that the switch is in the OFF position before plugging in the tool to the power supply. Do not carry a plugged in tool with your finger on the switch.
- Use outdoor rated extension cords. When a tool is used outdoors, use only extension cords that are intended for outdoor use and are so marked.
- Stay alert. Watch what you are doing. Use common sense. Do not operate a power tool when you are tired.
- Check for damaged parts. Before using a tool, check that there are no damaged parts. If a part is slightly damaged, carefully determine if it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, proper mounting and any other conditions that may affect the operation of the tool. A part that is damaged should be properly repaired or replaced by an authorised service facility, unless otherwise indicated in this Instruction Manual. Defective switches must be replaced by an authorised service facility. Do not use a tool if the switch does not turn the tool on and off correctly.
- Use only approved parts. When servicing, use only identical replacement parts. Use an authorised service facility to fit replacement parts.



Warning
Through poor conditions of the electrical MAINS, short voltage drops can appear when starting the EQUIPMENT. This can influence other equipment (e.g.. Blinking of a lamp). If the MAINS-IMPEDANCE $Z_{max} < 0.4780\Omega$, such disturbances are not expected. (In case of need, you may contact your local supply authority for further information).



Warning
If an extension cord is going to be used, please make sure its not lighter than ordinary rubber insulated tough rubber sheathed flexible cord (code designation 60245 IEC 53) or ordinary duty rubber insulated polychloroprene sheathed cord (code designation 60245 IEC 57).



Warning
The use of an accessory or attachment, other than those recommended in this Instruction Manual, may present a risk of personal injury.



Important!
Reference to right or left side of your Morrison Edger is viewed from the operating position.

Safe Operation



Important!
Read carefully before use. Keep for future reference.

Safe Operating Practices

Training

- 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 can restrict the age of the operator.
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

Preparation

- Before use, check the 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 appliance if the cord is damaged or worn.
- 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.
- Wear eye protection and stout shoes at all times while operating this machine.

Operation

- Keep supply and extension cords away from cutting means.
- Use the machine only in daylight or good artificial light.
- Never operate the machine with damaged guards or shields or without guards or shields in place.
- Switch on the motor only when the hands and feet are away from the cutting means.
- Always disconnect the machine from the power supply (i.e. remove the plug from the mains or remove the disabling device) - whenever leaving the machine unattended; - before clearing a blockage; - before checking, cleaning or working on the machine; - after striking a foreign object; - whenever the machine starts vibrating abnormally
- Take care against injury to feet and hands from the cutting means.
- Always ensure that the ventilation openings are kept clear of debris.

Maintenance and Storage

- Disconnect the machine from the power supply (i.e. remove the plug from the mains or remove the disabling device) before carrying out maintenance or cleaning work.
- Use only the manufacturer's recommended replacement parts and accessories.
- Inspect and maintain the machine regularly. Have the machine repaired only by an authorised repairer.
- When not in use, store the machine out of the reach of children.

Recommendation

- The appliance should be supplied via a residual current device (RCD) with a tripping current of not more than 30 mA.

Additional safety rules for the Electric Edger

- This tool should only be used for edging. Do not use it for any other purpose (example: edging on hard ground).
- Do not operate the Edger barefoot or wearing open sandals. Always wear substantial footwear and long trousers.
- Wear safety goggles or glasses and ear protectors when using the Edger. Use a face mask if the work is dusty.
- Wear ear protection.
- Edging only in daylight or good artificial light.

- When edging on slopes:
Always be sure of your footing on slopes.
Don't open Edger if the slope is excessively steep.
- Always walk, never run.
- Use extreme caution when reversing or pulling the Edger towards you.
- Make sure the blade has stopped before crossing surfaces other than grass and when transporting the Edger to and from the area to be edged.
- Never operate the Edger with defective, missing or incorrectly fitted guards.
- Switch on the motor carefully according to instructions and with feet well away from the blade(s).
- Do not tilt when switching on the motor, unless the Edger has to be tilted for starting in this case do not tilt it more than absolutely necessary and tilt only the part which is away from the operator.
- Do not start the Edger when a bystander is standing in front of the blade(s).
- Do not put your hands or feet near or under the rotating parts
- Switch off the Edger, unplug it and make sure the blade has stopped in the following instances:
 - Before cleaning blockages;
 - Before checking, cleaning or working on the blade(s);
 - After striking a foreign object inspect the blade(s) for damage and make repairs before restarting and operating the Edger.
 - If Edger starts to vibrate abnormally (check immediately)
 - Whenever you leave the Edger.
- Protect your tool. This Edger is **NOT WEATHERPROOF** and should not be exposed to direct sunlight, high ambient temperature and damp, wet or high humidity conditions.
- Keep the cable away from the blade.
- Never carry the Edger by the cable or pull the cable to disconnect from the mains supply.
- Keep the cable away from sharp edges, oils or heat sources. Do not use the Edger if the cable is damaged.
- If the cord becomes damaged during use, disconnect the cord from the supply immediately. **DO NOT TOUCH THE CORD BEFORE DISCONNECTING**



Warning
Cutting elements continue to rotate after the motor is switched off.

- Do not switch the Edger on and off frequently over a short period of time, and in particular do not play with the ON/OFF switch.
- Before connecting the Edger to a power source (mains switch power point receptacle, outlet, etc.) be sure that the voltage supply is the same as that specified on the nameplate of the tool. A power source with a voltage greater than that specified for the tool can result in serious injury to the user, as well as damage to the tool. If in doubt, do not plug in the tool. Using a power source with a voltage less than the nameplate rating is harmful to the motor.

Contents of the Shipping Container

Prior to assembly check to see that the following parts are included with your Morrison Edger.

- The Edger
- Warranty Card
- Owner's Manual. (This publication.)

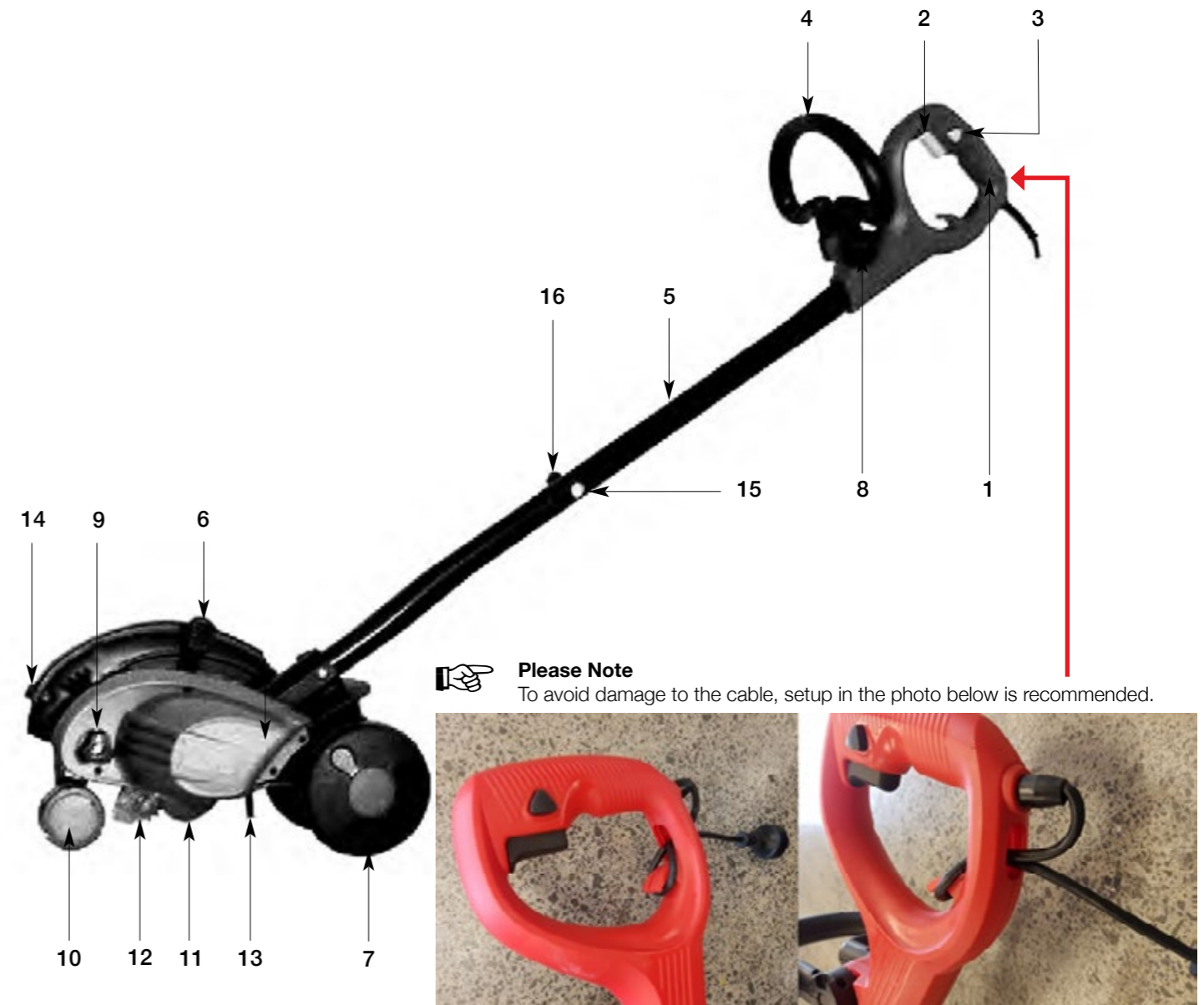
Environmental protection

Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.



Location of Parts

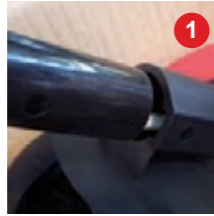
- Main handle
- Throttle trigger
- Safety button
- Auxiliary handle
- Shaft
- Edger guide lever
- Wheel
- Auxiliary handle lock knob
- Height adjustment knob
- Guide wheel
- Blade cut indicator(Edge guide)
- Blade
- Debris deflector
- Guard lock knob
- Shaft assembly lock screw
- Shaft assembly lock knob



Assembly Instructions

Inserting the shaft.

Align Lower Shaft with body. Slide together to allow fastenings to be fitted (see figure 1). Repeat for Upper Shaft.



Attaching the auxiliary handle.

Pre assembled as packed. Adjust to the most comfortable position. Secure firmly (see figure 2).



Refer previous page for photo of assembled unit.

NOTE:

- Refer previous page for photo of assembled unit.
- Take note of the cord position on previous page

Operating Instructions

The On/off trigger

Please familiarise yourself with the instructions laid throughout the owners manual before switching your Edger on.

1. Slightly tilt the Edger to the side before starting it, so that the blade can reach full speed before touching the grass. Press and hold the safety button and squeeze the power lever at the same time (see figure. 3).
2. Once the motor has started release the safety button but carry on holding the power lever while you are edging. Lower the tilted side until the Edger body is flat.
3. Release the power lever when you wish to switch the Edger off and the motor will stop.



Cutting depth adjustments

The cutting depth of the Edger can be altered to one of 3 settings 25mm, 31mm and 38mm.

1. To adjust the cutting depth, loosen the Height adjustment knob approx 5-6 full turns, but do not remove.
2. Push the knob fully towards the body of the Edger and at the same time move the front wheel arm across to the opposite side of the housing. (see figure 4)
3. Raise or lower the arm to the desired position, and then pull the height adjusting knob outwards. Rotate the knob in a clockwise direction until all of the slack is taken out of assembly.
4. Check to ensure the front wheel arm has located into one of the pre allocated positions and the head of the bolt securing the front wheel arm is sitting flat on the surface of the wheel arm. Firmly tighten the height adjustment knob. (see figure 5)



Edge Guide

The edge guide is used when edging is required against a solid material like a paved surface. It is important to ensure the edge guide is used in these conditions as the edge guide will assist in preventing the blade from making direct contact with the paved surface.



To use the edge guide, hold the edge guide control knob (item 6 on page 5) and move the knob sideways toward the centre of the Edger and then push backwards, ensuring that the guide fits into the allocated slot. (see figures. 6 and 7) The edge guide control knob should be returned to the upright position to lock the guide in the down position. To release the edge guide, hold the edge guide control knob and move the knob sideways toward the centre of the Edger and then pull upwards to lift the guide.



Edging

1. Before edging check the area and remove all obstacles and objects that could be thrown.
2. Set the cut depth at 25mm and set edge guide to the down position. Blade depth may have to be adjusted to differences in height between hard surfaces and the top of the grass.
3. The guard is fitted with a raised rib section which acts as a blade cut indicator (item 11 on page 5). This rib will assist in guiding the operator where the blade will cut. During operation the operator can sight down the rib of the guard to where the edge is to be cut. (see figure 8)
4. Before starting the Edger, line up the tool so the edge guide rests against the edge of the paved surface, both rear wheels should be on the paved surface when edging. Hint: When there is heavy overgrowth of grass over the paved surface it may drag on the guard. An initial cut may be required with the Edger on the grass side. This will require lifting up the Edger guide and may require reducing the depth of cut.
5. To avoid kickback of Edger, tilt the handle down so the blade is above the ground.
6. When starting to edge, start the motor and lower the blade gently into the ground, being careful not to hit concrete with the blade.
7. Slowly lift the handle to lower the blade, finding the edge of the paved surface and start edging. Then move tool forward slowly along edge of paved surface, keeping the edge guide pressed lightly against the pavement edge. For the first edging each season, it's best to move forward slowly because grass is thickest then. Subsequent edging will be completed more rapidly. If the tool slows down, back it up slightly until the blade returns to normal speed. During edging some sparks may be generated from hitting stones, this is normal.



Warning!

The unit may become very hot during use. Avoid contact during and immediately after operation.

Landscaping / trenching

Before landscaping or trenching, inspect and ensure there are no exposed or buried cables or pipes or other objects that may create a hazard or interfere with operating the Edger. Lift the edge guide lever (item 6 on page 5) for all trenching. Set depth to only that required for the job, do not overload, if tool slows, pull back slightly and wait until the blade returns to normal speed.

Changing the Blade

1. Make sure that the electrical plug is removed from the power point.
2. Position the Edger on its side with the Blade uppermost. Ensure the surface you are working on is clean and foreign particles (stones etc) cannot enter the air intake slots of the motor housing.
3. Place the large flange spanner over the outer blade flange.
4. Fit the blade spanner over the blade lock nut and while holding firmly the spanner on the blade flange, rotate the locking nut in an clockwise direction.
5. Remove the lock nut completely along with the outer flange and blade.
6. There is no need to remove the inner flange although on re assembly the area of the inner flange must be free of foreign particles of dirt etc.
7. To re assemble with the a new blade fit the inner flange on to the spindle, fit the replacement blade and secure the outer flange on to the spindle and blade.
8. Ensure the assembly is correct and the blade is correctly orientated by checking the diagram below.
9. With the spanner fitted to the outer flange, fit the locking nut and tighten with the blade spanner.
10. After the blade is secure, rotate the blade by hand to ensure the blade is not making contact with any components of the Edger.
11. Blade wear is expected whenever you use your Edger. Blades wear quite quickly when edging along paths. This does not effect the efficiency of the Edger and is expected due to the aggressive abrasion of concrete on steel.
12. Edger blades are not a warranty item! Replacement Edger blades are available from your local Morrison retailer.



Maintenance

- Keep all nuts, bolts and screws tight to be sure the equipment is in safe working conditions.
- Replaced damaged or worn parts immediately.
- Do not attempt to repair the machine unless you are competent to do so.
- Use only manufacturer-recommended replacement parts and accessories.

Cleaning

- To ensure the best performance from the Edger, it must be kept clean.
- Clean the Edger immediately after use.
- Make sure the blade is kept clean and clear of obstructions.
- Do not allow grass cuttings to become dry and hard on any of the Edger surfaces as this directly affects cutting performance.
- Make sure you clean the cooling vents between the deck and the motor housing.

Storage

Once the Edger has been thoroughly cleaned store it in a clean, dry place out of the reach of children.

Specifications

Rated Voltage	230-240V~ 50HZ
Input Power	1200 Watts
Cutting Diameter	190 mm
No load speed	4700 min-1
Cutting depth	25/ 31 / 38 mm
Blade material	Steel
IPClass	IPX4
Weight	7 kg
Approval No.	ESO 150141

This tool is double insulated. There are two independent barriers of insulation to protect you from the possibility of electric shock.

Noise and vibration data

Measured sound level	186 dB(A)
Declared sound level	96 dB(A)

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