

DRAPER

EN

Original Instructions
Version 3 – October 2025

230V

LAWN AERATOR/ SCARIFIER

97921/98931



UK
CA **CE**

1. Preface

These are the original product instructions. This document is part of the product; retain it for the life of the product, passing it on to subsequent holders. Read this manual in full before attempting to assemble, operate or maintain this product.

This Draper Tools manual describes the purpose of the product and contains all the necessary information to ensure its correct and safe use. Following all the instructions and guidance in this manual will ensure the safety of both the product and the operator and increase the lifespan of the product.

All photographs and drawings within this manual are supplied by Draper Tools to help illustrate correct operation of the product.

Every effort has been made to ensure the information contained in this manual is accurate. However, Draper Tools reserves the right to amend this document without prior warning. Always use the latest version of the product manual.

1.1 Product Reference

User Manual for: 230V Lawn Aerator/Scarifier

Stock Nos: 97921/98931

Part Nos: GLAS1500D/GLAS1500D/AUS

1.2 Revisions

Version 1: March 2021

First release

Version 2: October 2023

Version 3: October 2025

As our manuals are continually updated, always ensure that the latest version is used.

Please visit drapertools.com/manuals for the latest version of this manual and the associated parts list, if applicable.

1.3 Understanding the Safety Content of This Manual



WARNING! – Situations or actions that may result in personal injury or death.



CAUTION! – Situations or actions that may result in damage to the product or surroundings.

Important: – Information or instructions of particular importance.

1.4 Copyright © Notice

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3. Product Introduction

3.1 Intended Use

This lawn aerator and scarifier is designed to improve the health of the grass, increase drainage of the lawn and revitalise the lawn by removing moss, thatch and dead grass. Suitable for small to medium sized lawns.


Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

Read this manual in full before attempting to assemble, operate or maintain the product, and retain it for later use.

3.2 Specification

Stock No.	97921/98931
Part No.	GLAS1500D/GLAS1500D/AUS
Rated voltage	230V/50Hz
Rated input	1500W
Speed (no load)	3,000rpm
Working width	320mm
Working depth	4 positions -12/-8/-4/+4mm
Scarifying cartridge	16 blades
Aerator cartridge	20 tines
Noise emissions	
Sound pressure level (LpA)	84.4dB (A)
Sound power level (LWA)	98dB (A)
Uncertainty (K)	3dB (A)
Vibration Level	
Uncertainty	4.27m/s ² 1.5m/s ²
Power cord length (approx.)	10M/0.35M
Collection bag capacity	30L
Protection class	IPX4
Net weight	9.9kg

Important: The declared vibration total values and noise emissions values have been measured in accordance with a standard test method and may be used for comparing one tool with another. These values may also be used in a preliminary assessment of exposure.

 **WARNING!** The vibration and noise emissions during actual use of the product can differ from the declared values depending on the type of work and the area upon which it is used. Before each use, estimate the likely exposure resulting from the actual conditions of use. Take into account all parts of the operation cycle in order to identify any safety measures required to protect the operator.

Important: Read all the Health and Safety instructions before attempting to operate, maintain or repair this product. Failure to follow these instructions may result in injury or damage to the user or the product.

4.1 General Health and Safety Precautions

- This appliance 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 instructions concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure they do not play with appliance.

Training

- Read the instructions carefully.
 - Be familiar with the controls and the proper use of the equipment.
- **NEVER** allow children or untrained people unfamiliar with these instructions to use the machine.
- **NEVER** work while people, especially children, or pets are nearby.
- Keep in mind that the operator is responsible for accidents or hazards occurring to other people or their property.

Preparation

- While working, always wear substantial footwear and long trousers.
- **DO NOT** operate the machine when barefoot or wearing open sandals.
- Thoroughly inspect the area where the aerator/scarifier is to be used and remove all objects, including stones, toys, sticks and wires that could be thrown up by the machine.
- Before operating visually inspect the tines, blades and bolts are not worn or damaged. Replace any worn parts.

Operation

- Work only in daylight or in good artificial light.
- Avoid operating the machine in wet grass, where possible.
- **ALWAYS** be sure of your footing on slopes.
- Walk, never run with the machine.

- Work across slopes, never up and down.
- Exercise extreme caution when changing direction on slopes or when working near drop-offs, ditches or embankments.
- **DO NOT** operate the machine on excessively steep slopes.
- Use extreme caution when reversing or pulling the machine towards you.
- Stop the tines/blades if the machine needs to be tilted for transportation. **DO NOT** operate the tines/blades when crossing surfaces other than grass.
- **NEVER** pick up, tilt or carry the machine while the motor is running.
- Never operate the machine with defective guards or without safety devices, including deflectors and grass catchers, in place.
- Ensure that all safety features and operation controls function correctly before use.
- Start the motor carefully according to these instructions and keep your feet well away from the tines or blades.
- **DO NOT** start the motor when standing in front of an open discharge chute.
- **DO NOT** put your hands or feet near or under rotating parts and keep clear of the discharge opening at all times.
- Disconnect the plug from the power supply:
 - Before clearing blockages or unclogging the chute.
 - Before checking, cleaning or working on the machine.
 - After striking a foreign object. Inspect the machine for damage and repair before restarting the machine.
 - Check the machine immediately if it starts to vibrate abnormally.
 - Whenever you leave the machine.

Maintenance and Storage

- Keep all nuts, bolts and screws tight to ensure the machine is in safe working condition.
- Examine the machine regularly and replace any worn or damaged parts.

4. Health and Safety Information

4.2 Connection to the Power Supply



CAUTION!

Risk of electric shock. **DO NOT** open.

This appliance is supplied with an approved plug and cord for your safety.

If the power supply cord is damaged, it must be replaced by Draper Tools, an authorised service agent or similarly qualified personnel in order to avoid a hazard.

The damaged or incomplete plug, when cut from the cord, shall be disabled to prevent connection to a live electrical outlet.

This appliance is Class II† and is designed for connection to a power supply matching that detailed on the rating label and compatible with the plug fitted.

The value of the fuse fitted is marked on the pin face of the plug. Should the fuse need replacing, use a small plain-slot screwdriver to remove the fuse cover. Ensure the substitute is of the correct rating, approved to BS 1362 and ASTA or BS Kite marked. This should only be performed by suitably qualified personnel.

ASTA

BSI

Important: If an extension lead is required, use an approved and compatible lead rated for this appliance.

Unwind the entire cable and follow all the instructions supplied with the extension lead.

†Double insulated : This product requires no earth connection as supplementary insulation is applied to the basic insulation to protect against electric shock in the event of failure of the basic insulation.

4.3 Residual Risk

The safety instructions in this manual cannot account for all possible conditions and situations that may occur. Exercise common sense and caution when using this product and protect against any additional conceivable risks.

5.1 Product Overview



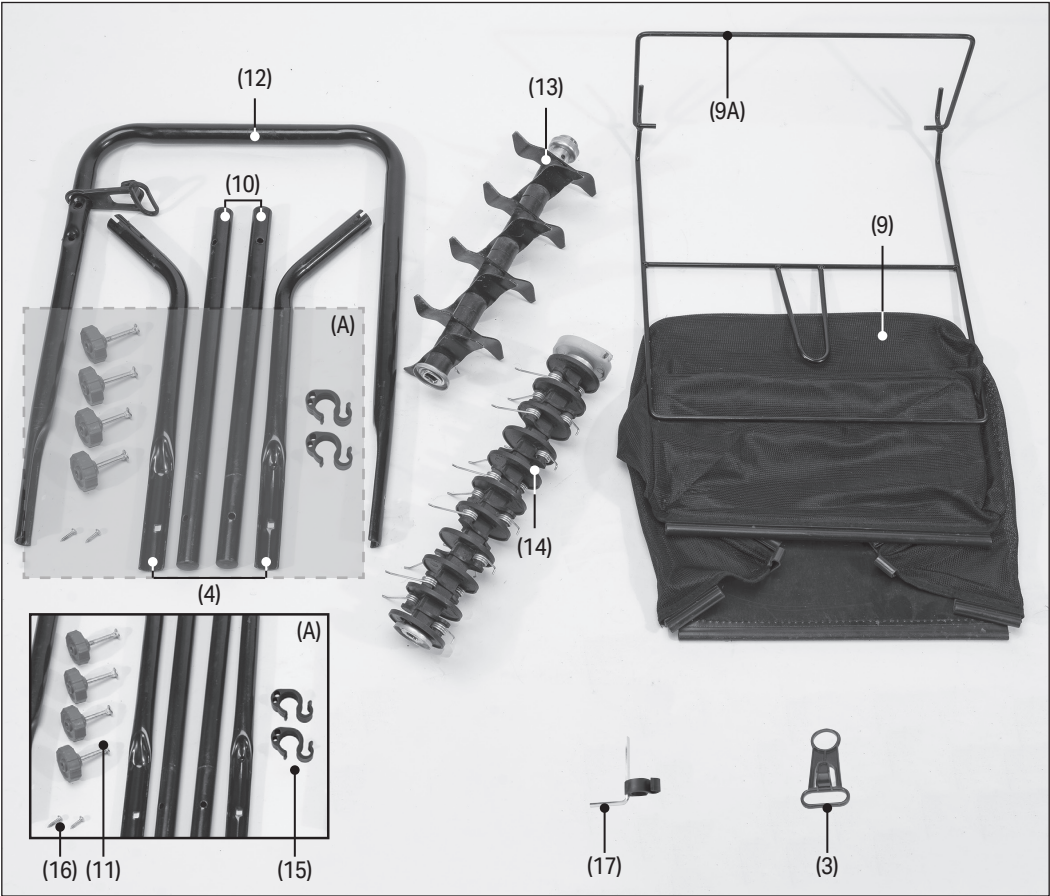
- | | | |
|---------------------------|--------------------------------|-----------------------------|
| (1) ON/OFF lever | (5) Motor unit carry handle | (9) Collection bag |
| (2) Safety button | (6) Variable height adjustment | (10) Middle handle sections |
| (3) Cord restraint | (7) Front wheels | (11) Handle locks |
| (4) Lower handle sections | (8) Rear wheels | (12) Upper handle section |

5. Identification and Unpacking

5.2 What's in the Box?

Carefully remove the product from the packaging and examine it for any signs of damage that may have occurred during shipment.

Before assembling the product, lay the contents out and check them against the parts shown below. If any part is damaged or missing, do not attempt to use the product. Please contact the Draper Helpline; contact details can be found at the back of this manual.



- | | | |
|--------------------------------|---------------------------|--|
| (3) Cord restraint | (11) 4 x Handle locks | (16) 2 x Lower handle screws
(supplied attached to motor
body) |
| (4) 2 x Lower handle section | (12) Upper handle section | (17) Hex. key |
| (9) Collection bag | (13) Scarifier cartridge | |
| (9A) Collection bag frame | (14) Aerator cartridge | |
| (10) 2 x Middle handle section | (15) 2 x Cord clips | |

5.3 Packaging

Keep the product packaging for the duration of the warranty period for reference should the product need to be returned for repair.

WARNING! Keep packaging materials out of reach of children. Dispose of packaging correctly and responsibly and in accordance with local regulations.

Please visit **[drapertools.com](https://www.drapertools.com)** for our full range of accessories and consumables.

6. Preparation Instructions

Important: Before preparing or adjusting this product, read and understand all the safety instructions listed in this manual. **ALWAYS** unplug from the power supply before carrying out any adjustments.

6.1 Cord restraint

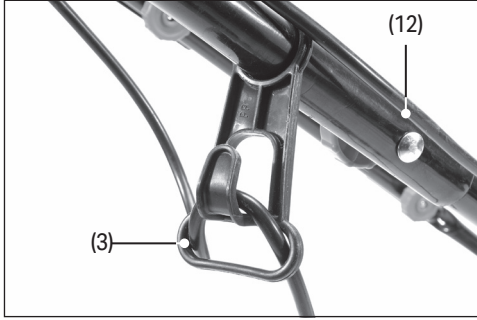


Fig. 1

Important: Before assembling the handle sections, slide the cord restraint (3) over the upper handle section (12).

- The cord restraint is an important safety feature and prevents pressure being put on the cord connections.
- **NEVER** operate the machine without the cord restraint fitted.

6.2 Handle Assembly

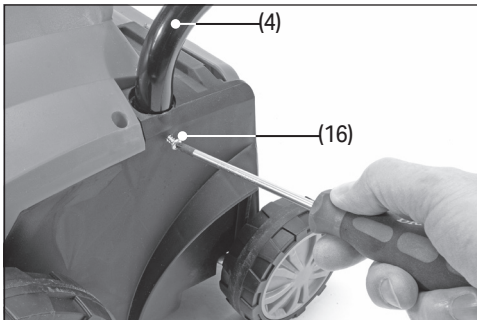


Fig. 2

1. Slot the lower sections (4) of the handle into the holes located on the motor body. Secure with the screws (16) (supplied attached to motor body handle hole).

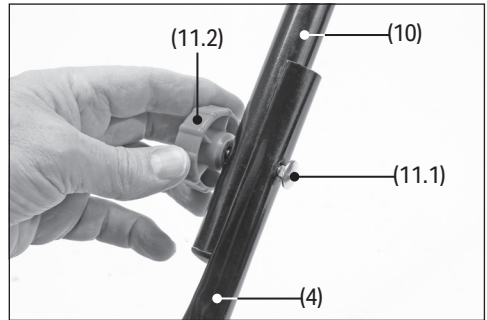


Fig. 3

2. Fit the middle sections (10) over the outside of the lower handles section (4) with the concave face innermost.
3. Push the Handle lock (11) bolt (11.1) through the middle and lower handle section and before securing with the locking knob (11.2).



Fig. 4

4. Then secure the top section (12) the same way as the middle section.

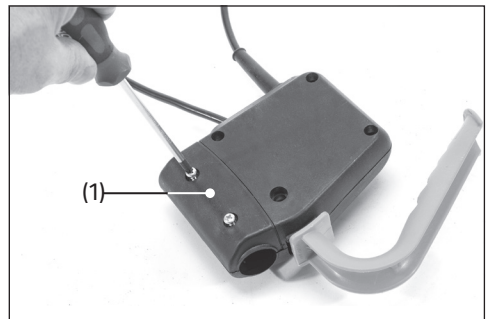


Fig. 5

5. Loosen the screws in the back of the **ON/OFF** lever switch control unit (1) and separate.

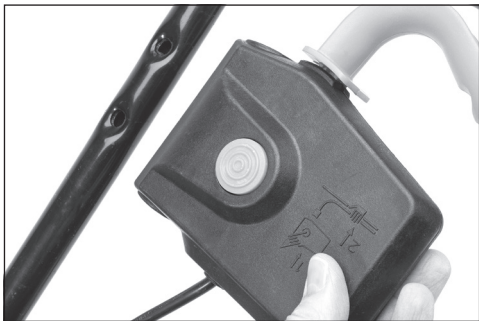


Fig. 6

6. Align both halves over the two screw holes in the upper handle assembly.



Fig. 7

7. Fasten the unit in place on the handle section with the screws.

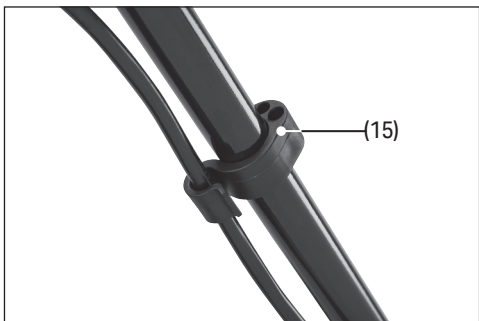


Fig. 8

8. Use the cord clips (15) to fasten the loose cord to the handle section.

6.3 Assembling the Collection Bag

- Use the collection bag with both the aerator and scarifier functions.
- Collection bag supplied fully assembled.

To assemble/replace the bag:

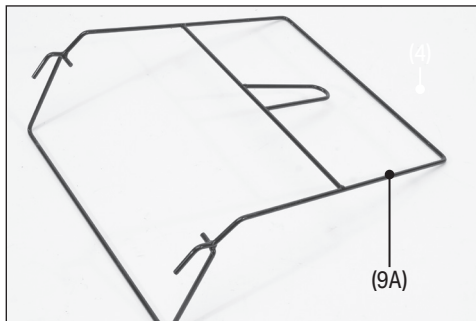


Fig. 9



Fig. 10

1. Insert the frame (9A) into the mesh collection bag (9).



Fig. 11

2. Clip mesh bag onto frame.

6. Preparation Instructions



Fig. 12

3. Lift up the back cover and hook the collection bag on to the machine.

6.4 Inserting/Removing the Aerator/Scarifier Cartridge

Important: Always ensure the machine is unplugged before changing the cartridges.

Note: the machine comes set up with the scarifier cartridge (13) fitted. Follow the procedure below to remove the cartridge.

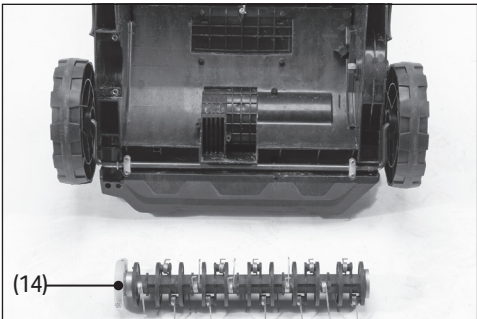


Fig. 13

1. Turn the machine upside down.

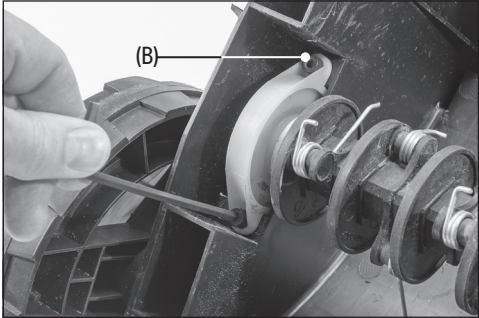


Fig. 14

2. Remove the two screws and washers (B) from the bearing using the hex key supplied.



Fig. 15

3. Then lift out the fitted cartridge.

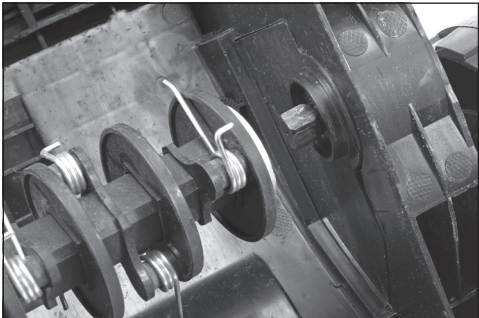


Fig. 16

4. Fit the new cartridge in the reverse order.

Important: Before operating this product, read and understand all the safety instructions listed in this manual. Ensure that the product is fully assembled and correctly prepared for use.

7.1 Variable Height Adjustment

Important: Always ensure the appliance is unplugged before changing the working height.

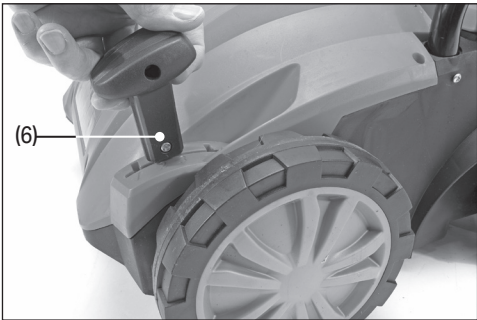


Fig. 17

The working height is set using the height adjustment lever (6). Pull the lever and latch into the desired positions as recommended in the table below:

Position	Cartridge	
	Aerator	Scarifying
1	X	-12mm
2	X	-8mm
3	-4mm	-4mm
4	+4mm	+4mm

- **-12mm** for tackling deeper thatch and roots.
- **-4mm/-8mm** for lighter scarifying.
- **+4mm** for gentle aeration and surface care.

7.2 Switching ON & OFF

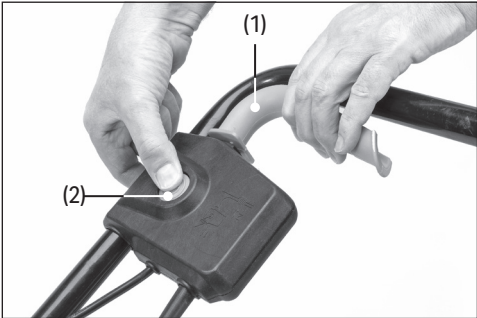


Fig. 18

- To operate press the safety button (2) at the same time as squeezing the **ON/OFF** lever switch (1).
- Release the safety on button but continue to squeeze the lever.
- As soon as the lever is released the motor will stop.



WARNING! Using this product can pose a danger to wildlife. Before operating, check the area – particularly in long grass and under bushes – for signs of life and relocate any creatures found there if necessary. Not all wildlife will be deterred by the noise of this machine alone.

8. Maintenance and Troubleshooting

Important: Always switch off and unplug the product before changing accessories, carrying out any cleaning, maintenance or repairs.

If the power supply cord is damaged, it must be replaced by Draper Tools, an authorised service agent or similarly qualified personnel in order to avoid a hazard.

8.1 General Maintenance

- Proper and regular maintenance of the aerator/scarifier will ensure a longer lifespan and consistent performance. Failure to correctly maintain the product may result in rapid deterioration of the product.

- Always keep all the air vents clean and free from obstructions.
- Clean the product exterior with a damp cloth **ONLY**.
- **Important: DO NOT** use solvents as this may damage the plastic parts.
- Use **ONLY** spare parts supplied and recommended by Draper Tools.
- Replace the cartridges and wheels when they become damaged or excessively worn.
- Store the product and its accessories in a dry and dust-free environment, out of reach of children.

8.2 Troubleshooting

Problem	Possible Cause	Remedy
Motor does not start.	Housing clogged.	Adjust working height and clean housing so cartridge runs freely.
	Unknown.	Contact Draper Tool for advice.
Motor performance drops.	Soil is too firm.	Change working height.
	Housing clogged.	Adjust working height and clean housing so cartridge runs freely.
	Cartridge worn.	Replace cartridge.
Poor scarifying results.	Cartridge worn.	Replace cartridge.
	Wrong working height.	Change working height.

9. Spares, Returns and Disposal

For spare parts, servicing, and repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent.

Draper Tools will endeavour to hold any spare parts, if applicable, for seven years from the date that it sells the final matching stock item.

Any servicing or repairs carried out by unauthorised personnel or installation of spare parts not supplied by Draper Tools will invalidate your warranty.

At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.

- **DO NOT** dispose of this product with domestic waste; most local authorities provide appropriate recycling facilities.



















10. Warranty

12 months from date of purchase -
Visit [drapertools.com/warranty](https://www.drapertools.com/warranty) for full details.

However, if the tools are hired out, the warranty period is
90 days from the date of purchase.

11. Explanation of Symbols

	Read the instruction manual		Warning! Blades may still spin after switching off
	Wear face mask and safety glasses		Warning! Danger of crush injury
	Wear ear defenders		Warning! Danger of foot injury
	Wear suitable protective footwear	IPX4	Water ingress protection rating
	Warning!		Class II construction (Double insulated)
	Warning! Keep bystanders away		WEEE – Waste Electrical & Electronic Equipment Do not dispose of Waste Electrical & Electronic Equipment in with domestic rubbish
	Warning! Keep bystanders away		European conformity
	Warning! Danger to wildlife		UK Conformity Assessed
	DO NOT use in wet conditions		

Contact Details

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