48” TOW BEHIND PLUG AERATOR

MODEL NO: **SLA48T**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instruction manual | Wear eye protection | Wear protective gloves | Wear safety footwear

1. SAFETY

❑ **WARNING!** READ and UNDERSTAND this manual completely before using aerator: Operator must read and understand all safety and warning information, operating instructions, maintenance and storage instructions before operating this equipment. Failure to properly operate and maintain the aerator could result in serious injury to the operator or bystanders.

1.1. **OPERATIONAL SAFETY**

× **DO NOT** at any time carry passengers, sit or stand on the aerator.

× **DO NOT** allow children to play on, stand upon or climb on the aerator.

✓ Always inspect the aerator before using to ensure it is in good working condition.

✓ Replace or repair damaged or worn parts immediately.

✓ Always check and tighten hardware and assembled parts before operation.

× **DO NOT** exceed the equipment maximum tray load capacity of 95kg.

✓ Avoid large holes and ditches when operating the equipment.

✓ Be careful when operating the aerator on steep gradients (hills). ALWAYS operate at reduced speeds on rough terrain, along streams, ditches and on hillsides.

× **DO NOT** operate close to any water course or public highways.

× To avoid personal injury and/or equipment damage **DO NOT** EXCEED 5MPH.

✓ Always use caution when loading and unloading extra weight onto the tray. It will also raise the centre of gravity, take care on slopes etc.

✓ Only tow with recommended vehicles (Lawn/Garden Tractors and ATVs). Always refer to the vehicle owner’s manual for proper towing.

✓ Aerator is not designed to be used with zero-turn mowers.

✓ Always secure and lock plug aerator to the vehicle hitch before operating.

1.1.1. **CRUSH AND CUT HAZARDS**

✓ Always keep hands and feet clear from moving parts while operating the equipment.

✓ Always clear and keep work area clean when operating.

✓ Always wear safety gear, eye protection, gloves and work boots when operating the aerator.

✓ The warnings, cautions, and instructions outlined in this instruction manual cannot cover all possible conditions or situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product and must be supplied by the operator.

2. INTRODUCTION

Designed to improve lawn and turf health, the 48″ tow-behind aerator penetrates up to 3″ into the soil to enhance aeration, nutrient absorption and root development. Equipped with 24 tines measuring 140mm with diameters ranging from 18–35mm, delivering tailored aeration performance across wide areas in fewer passes. The heavy-duty tray accommodates up to 95kg, ensuring consistent downward pressure for reliable tine engagement. Compatible with ride-on mowers, ATVs and compact tractors, for coverage across large grounds.

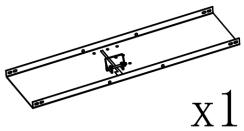
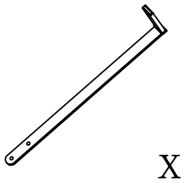
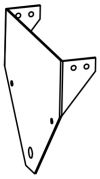
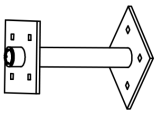
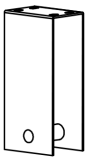
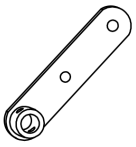
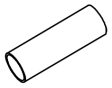
3. SPECIFICATION

Model No:	SLA48T
Weight:	31.2kg
No. of Tines:	24
Plug/Core Diameter:	18-35mm
Plug/Spike Depth:	140mm
Weight/Weight Tray Capacity:	95kg
Dimensions (W x D x H):	1480 x 1005 x 950mm



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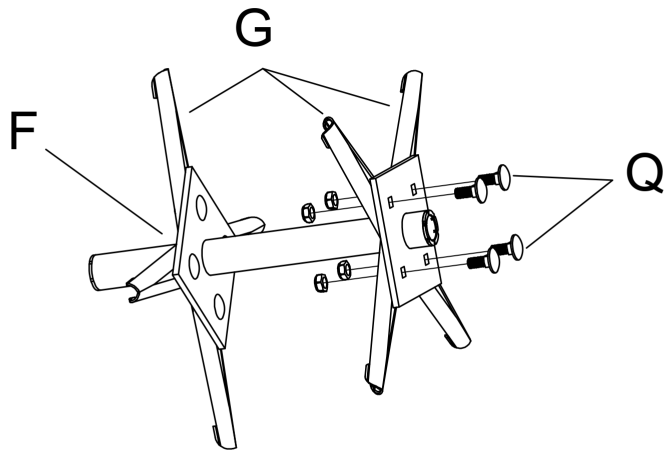
4. CONTENTS

A Tray  x1	B Tongue assembly  x1	C Lift handle  x1	D Axle shaft  x1
E End plate  x2	F Double plug  x4	G Knife tool  x32	H Wheel assembly  x2
J Middle brace  x1	K Wheel bracket  x1	R Long spacer  x1	S Short spacer  x3
L Bolt  M8x25 x14	M Bolt  M8x30 x4	N Bolt  M8x45 x3	P Bolt  M10x30 x2
Q Bolt  M8x20 x32			

5. ASSEMBLY

5.1. Because of the weight and size of the aerator, it is recommended that two or more adults be present to assist with the assembly. INSPECT ALL COMPONENTS closely upon receipt to make sure no components are missing or damaged.

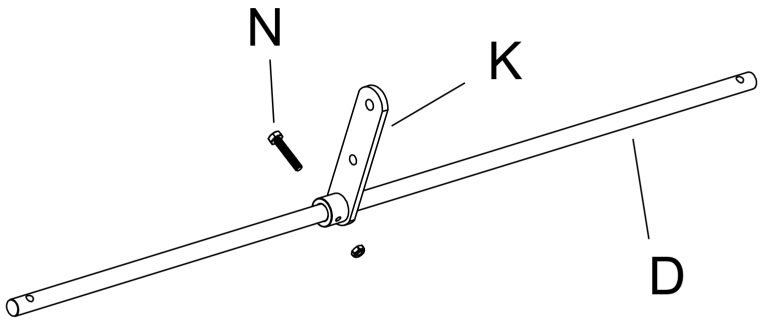
1 Assemble the knife tools.



F=4pcs

Q  x32

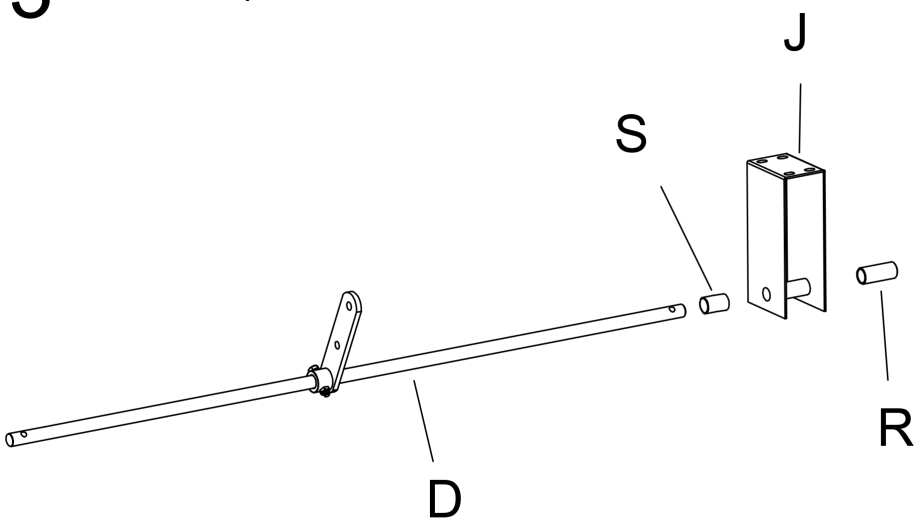
2 Assemble wheel bracket to the axle shaft.



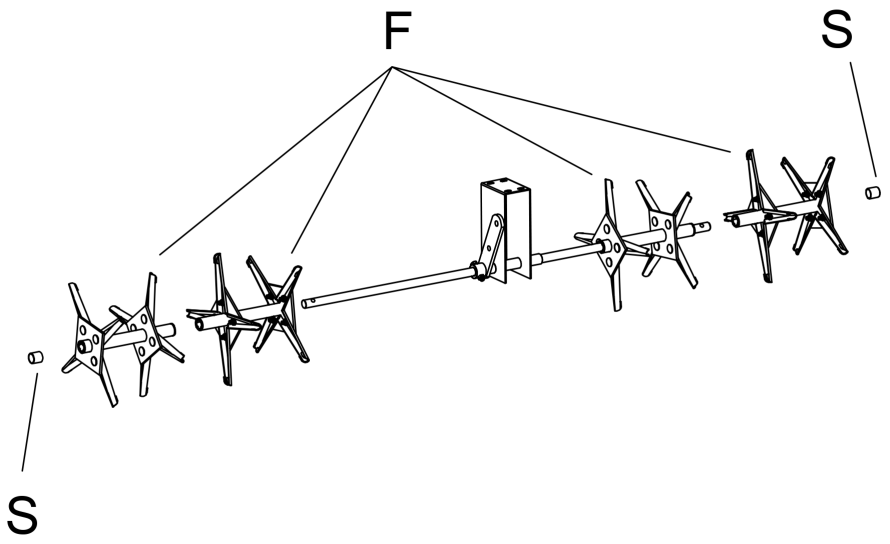
N  x1

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3 Assemble spacer and middle brace.

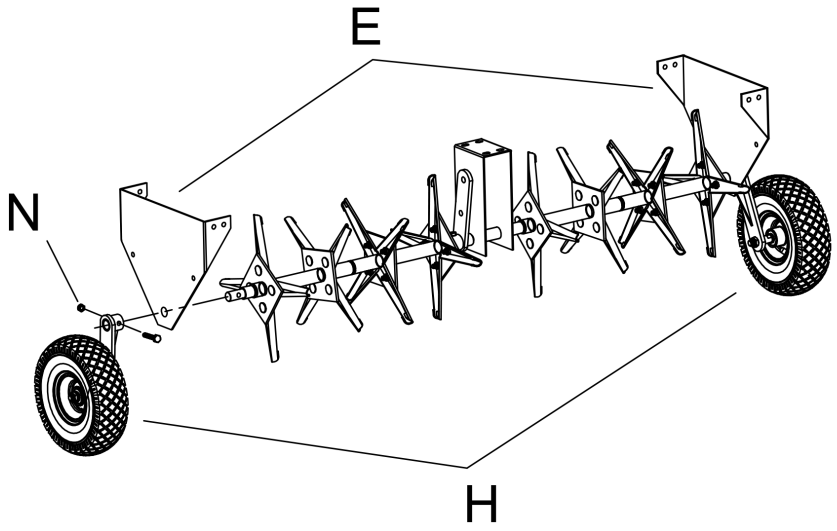


4 Assemble all of the double plug spools.



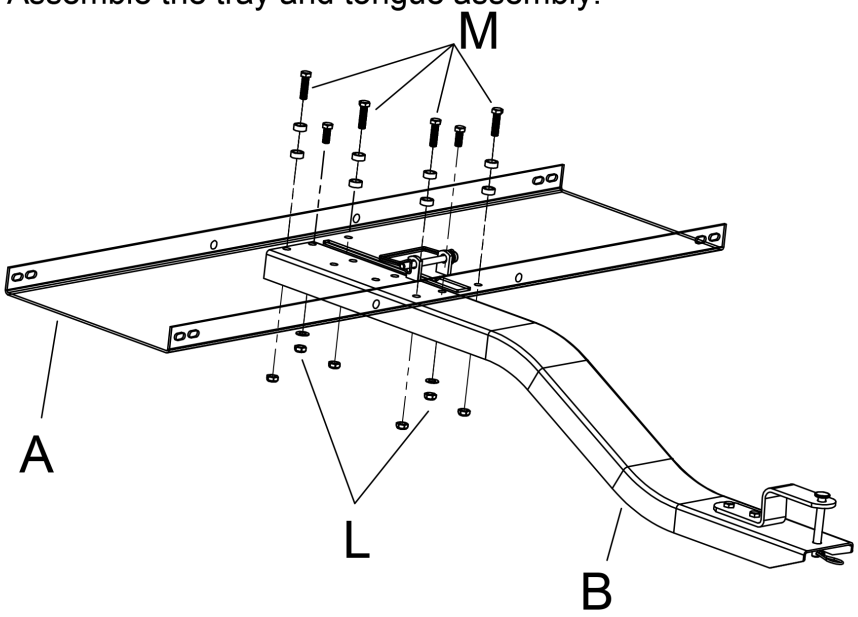
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5 Assemble the end plate and wheel assembly.



N x2

6 Assemble the tray and tongue assembly.

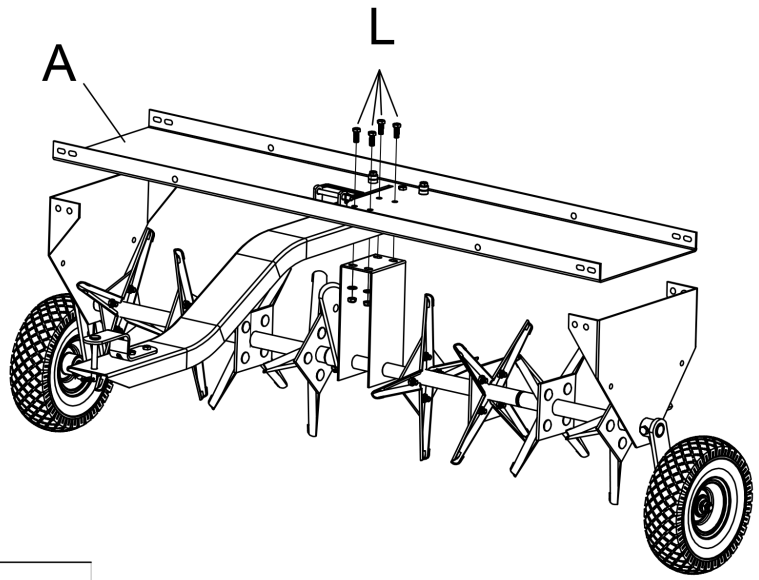


L x2

M x4

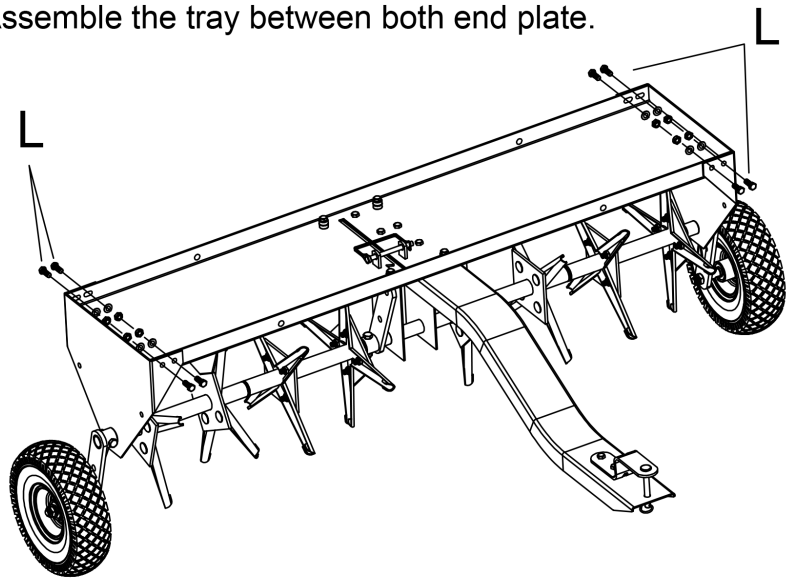
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7 Assemble the tongue assembly between tray and middle brace.



L x4

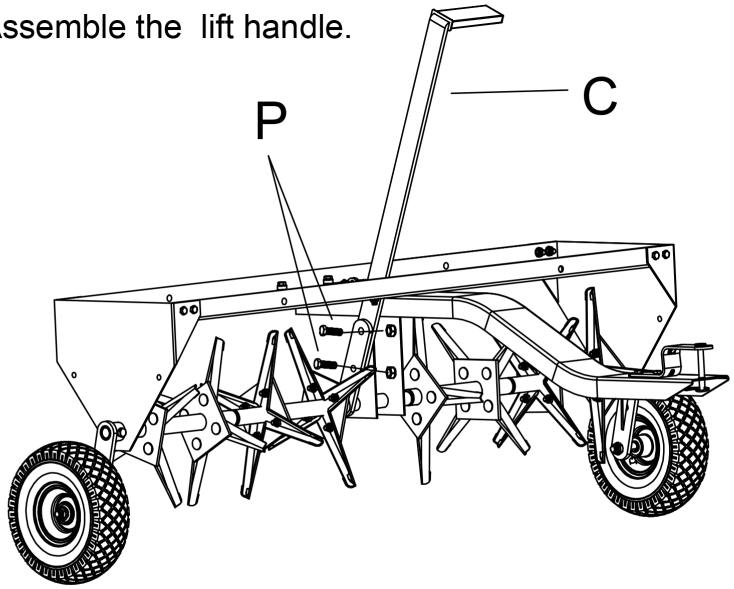
8 Assemble the tray between both end plate.



L x8

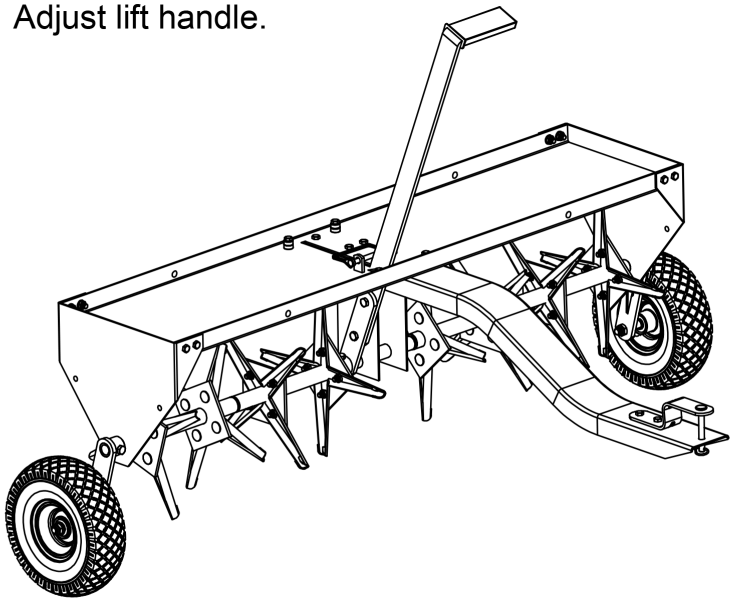
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9 Assemble the lift handle.

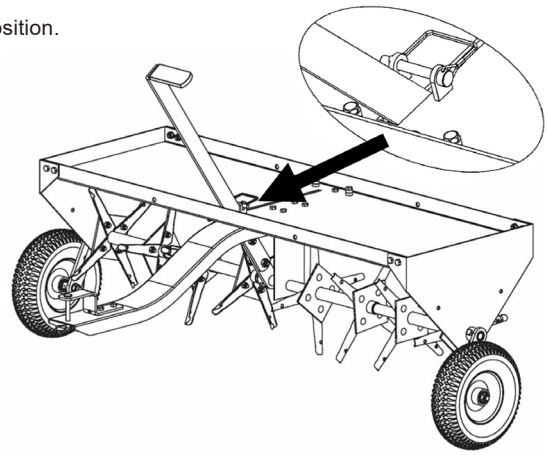


P  x2

10 Adjust lift handle.



Pin inserted to lock in raised towing position.



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6. OPERATION

IMPORTANT: Aerating is pulling small soil plugs up to three inches in length from the soil to create small reservoirs that will bring oxygen, fertilizer and water down to the roots. For best aerating results follow the soil/lawn preparation and operating aerator procedures.

6.1. **SOIL AND LAWN PREPARATION**

Remove large and small debris from the soil/lawn area.

If the ground is hard and dry, it is recommended to lightly water/dampen the ground approximately one or two hours prior to aerating.

If the ground is wet or muddy **DO NOT** attempt to aerate.

Mow lawn and remove loose clippings before aerating.

6.2. **USING YOUR PLUG AERATOR**

× **DO NOT** at any time carry passengers, sit or stand on the aerator.

6.2.1. Only tow with recommended vehicles (Lawn/Garden Tractors and ATVs).

6.2.2. Refer to the vehicle owner's manual for proper safety and towing instructions.

6.2.3. Always secure and lock the aerator to the vehicle hitch before operating.

6.2.4. Start vehicle engine with the controls in neutral position, put throttle at the slowest engine speed. Put transmission in low gear first and lower the aerator, allowing plug spikes to enter the ground. Increase the speed as work conditions permit.

6.2.5. Vehicle braking and stability may be affected with the attachment of this equipment.

6.2.6. Never exceed 5mph when towing the aerator.

6.2.7. Aerate in the straightest line possible making overlapping passes to increase the plug spike point pattern.

× **DO NOT** make sharp turns, which may cause the tyres of the towing vehicle to rub against the aerator. Avoid extremely sharp turns with plug spikes engaged to prevent damage to lawn.

× **DO NOT** cross over walks or drives without raising the aerator to the transport position.

❑ **WARNING!** On sloping lawns, always aerate in an up and down direction. **DO NOT** attempt to aerate across the slope.

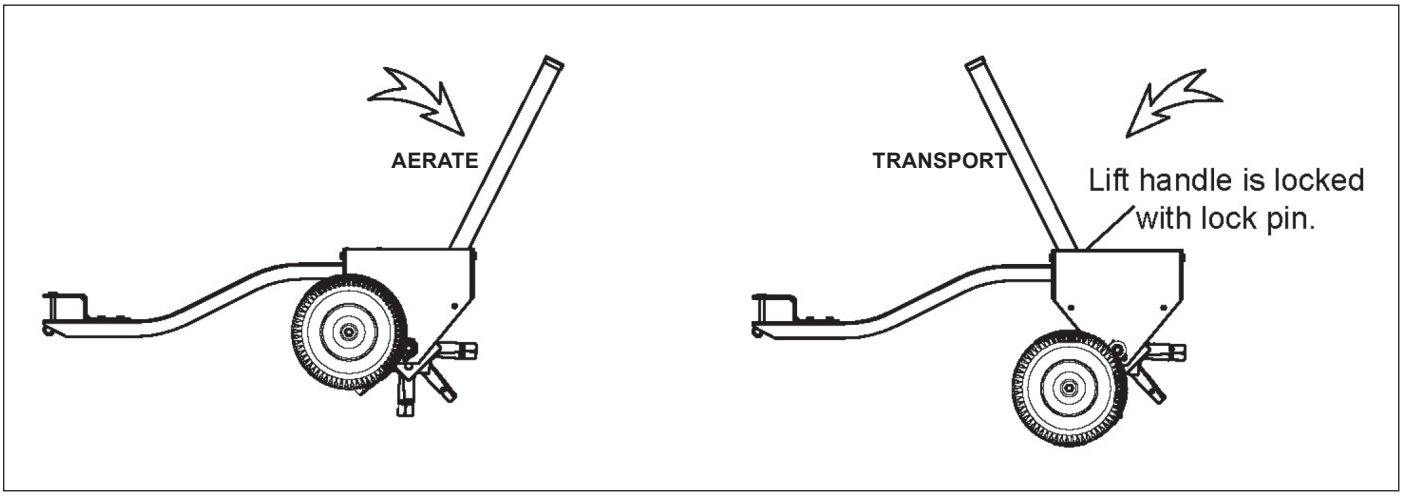
✓ Always use caution when backing up the aerator to avoid "jack-knifing". Always back up in a straight line.

× **DO NOT** exceed tray load capacity of 95kg.

6.3. **TO INCREASE THE DEPTH OF PLUG SPIKE PENETRATION EXTRA WEIGHT MAY BE ADDED TO THE TRAY:** (Maximum of 95kg) using either bags of sand or concrete blocks. Always secure the weight to the tray with ties or straps fastened to the front and rear of the tray. Be careful that ties and/or straps do not become entangled in rotating parts.

6.4. **AERATE/TRANSPORT POSITION**

❑ **WARNING!** To avoid and prevent injury operator must always dismount from the tow vehicle to raise or lower aerator when extra weight has been added to the tray.



7. MAINTENANCE

7.1. Rinse/dry inside and outside of the aerator after each use.

7.2. Before operating, check that tyres have a tyre pressure appropriate to the load carried by the aerator.

7.3. Regularly and as needed, grease axle and wheel bearing area.

7.4. Periodically check all fasteners for tightness.

7.5. Clean and lightly lubricate spool assemblies and shaft annually or as needed.

7.6. Use a gloss enamel spray paint to touch up scratched or worn painted metal surfaces.

7.7. Plug spikes periodically need to be sharpened with a small grinder to maintain good penetration. Spools should be removed to sharpen the points. Always follow the original angle and contour of the points when grinding.

8. STORAGE

8.1. Never keep extra weight on the aerator for extended periods of time.

8.2. Before storing make sure the aerator is clean and dry.

8.3. Lightly lubricate all aerator surfaces and moving parts to prevent rust.

8.4. Store indoors or in a protected area during severe weather and winter months.

9. END OF LIFE

9.1. At the end of the product's useful working life, dismantle and recycle according to regulations in force.

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ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.
Important: No Liability is accepted for incorrect use of this product.
Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.

REGISTER YOUR PURCHASE HERE

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Original Language Version

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