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Sun Joe AJ805E

Sun Joe AJ805E Electric Lawn Dethatcher & Scarifier User Manual

1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your Sun Joe AJ805E Electric Lawn Dethatcher & Scarifier. Please read this manual thoroughly before using the equipment to ensure proper function and to prevent injury.

2. IMPORTANT SAFETY INFORMATION

Always adhere to these safety guidelines to reduce the risk of electric shock, fire, and serious injury.

- Keep the work area clean and well-lit.
- When servicing this unit, use only identical replacement parts.
- Replace or repair damaged cords immediately.
- Keep children, bystanders, and pets away from the operating area.
- Do not wear loose clothing or jewelry, as such articles can get caught in moving parts.
- Avoid accidental starting.
- Do not force the tool; allow it to operate at its intended speed.
- Wear personal protective equipment, including eye protection, hearing protection, and sturdy footwear.
- Disconnect the scarifier/dethatcher from the power supply when it is not in use, before servicing, when changing accessories, and when performing any other maintenance task.
- Store idle tools indoors in a dry, secure location.
- Avoid dangerous environments; do not use in wet or damp conditions.

3. PRODUCT OVERVIEW

The Sun Joe AJ805E is a versatile electric lawn tool designed for dethatching and scarifying lawns. It

features a powerful motor and interchangeable cylinders to promote healthier grass growth.



Figure 1: Sun Joe AJ805E Electric Lawn Dethatcher and Scarifier with both dethatcher and scarifier cylinders shown separately.

Key Features:

- **High-Performance 13-Amp Motor:** Provides consistent power for effective thatch removal and lawn aeration.
- **13.2-Gallon Collection Bag:** Detachable bag for convenient collection and disposal of thatch and debris.
- **Customizable 5-Position Depth Control:** Allows adjustment of dethatching and scarifying depth to suit various lawn conditions.
- **Smooth Maneuverability:** Equipped with four durable wheels for easy navigation across the lawn.
- **2-in-1 Functionality:** Combines dethatching and scarifying capabilities in a single unit.

LET YOUR LAWN BREATHE. GO WITH JOE!



**5 POSITION
Depth Control**

Customize the raking depth from **-0.4 in.** (below the soil) to **0.4 in.** (above the soil)

Figure 2: Overview of the Sun Joe AJ805E's primary features.

Interchangeable Cylinders:

The unit includes two interchangeable cylinders for different lawn care tasks:

- **Dethatcher Function:** Utilizes spring steel tines to remove thatch, moss, and horizontal grass stalks from the lawn surface.
- **Scarifier Function:** Employs blades to cut into the soil, promoting thicker, healthier grass by improving air and nutrient penetration.

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 **SUNJOE**



Figure 3: Illustration of the scarifier and dethatcher functions, and how to change the cylinder.

4. SETUP AND ASSEMBLY

Follow these steps to assemble your Sun Joe AJ805E before initial use.

- Handle Assembly:** Attach the upper and lower handle sections to the main unit using the provided hardware. Ensure all bolts are securely tightened.
- Collection Bag Attachment:** Secure the collection bag frame to the fabric bag, then attach the assembled bag to the rear of the dethatcher/scarifier unit.
- Cylinder Installation:** The unit typically comes with one cylinder pre-installed. To change or install a cylinder:
 - Disconnect the unit from power.
 - Carefully tip the unit onto its side.
 - Locate the cylinder retention bolts or clips.
 - Remove the existing cylinder and insert the desired dethatcher or scarifier cylinder, ensuring it is properly seated and secured.

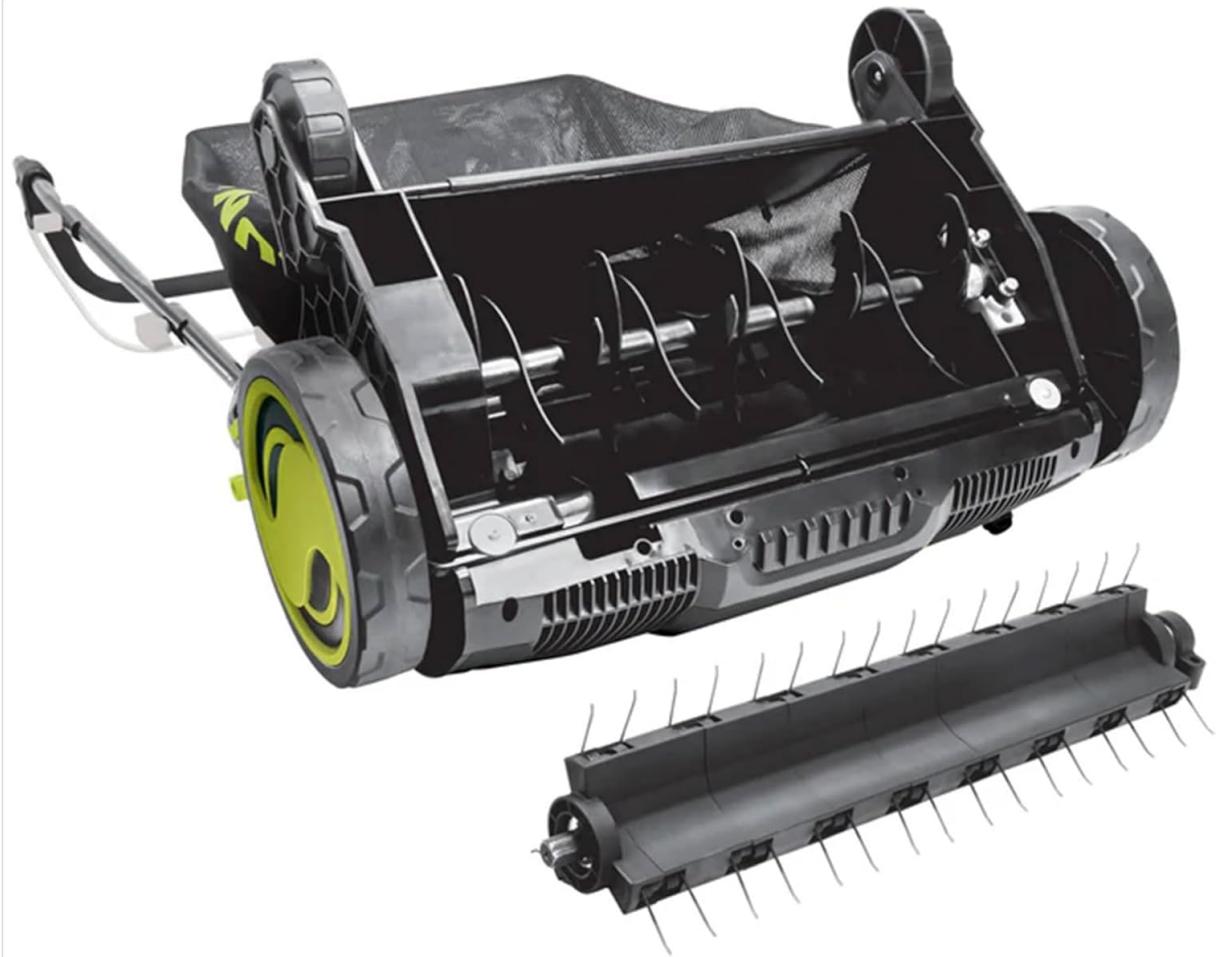


Figure 4: Underside of the unit illustrating cylinder installation.

5. OPERATING INSTRUCTIONS

Proper operation ensures effective lawn care and extends the life of your equipment.

5.1 Pre-Operation Checks:

- Inspect the power cord for any damage.
- Ensure the chosen cylinder (dethatcher or scarifier) is correctly installed and secured.
- Verify the collection bag is properly attached.
- Clear the lawn of any debris, rocks, or foreign objects.

5.2 Adjusting Depth Control:

The unit features a 5-position depth control lever to adjust the working depth of the tines or blades.

Interchangeable Cylinders



Dethatcher Function

Removes thatch, moss and horizontal grass stalks

Scarifier Function

Promotes thicker, healthier lawn by cutting grass roots



Figure 5: The 5-position depth control lever.

- Select a higher setting for light dethatching or initial passes.
- Lower settings are for more aggressive dethatching or scarifying.
- Always start with a higher setting and adjust downwards as needed to avoid damaging the lawn.

5.3 Starting and Operating:

1. Connect the power cord to a suitable outdoor extension cord, ensuring it is rated for outdoor use and the amperage of the unit.
2. Press and hold the safety lock button, then squeeze the switch lever to start the motor.
3. Walk at a steady pace, pushing the unit forward in overlapping rows, similar to mowing.
4. For dethatching, make passes in one direction, then perpendicular to the first for thorough coverage.
5. For scarifying, one pass is usually sufficient.
6. Empty the collection bag frequently to maintain optimal performance.



Figure 6: The dethatcher in operation, removing thatch from a lawn.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Sun Joe AJ805E.

6.1 Cleaning:

- Always disconnect the power before cleaning.
- Remove any grass, thatch, or debris from the housing, wheels, and especially around the cylinder.
- Use a stiff brush or compressed air for cleaning. Do not use water directly on electrical components.

6.2 Cylinder Inspection and Replacement:

- Regularly inspect the tines of the dethatcher cylinder and the blades of the scarifier cylinder for wear or damage.
- Worn or damaged tines/blades should be replaced to maintain performance. Refer to the cylinder installation section for replacement procedures.

6.3 Storage:

- Clean the unit thoroughly before storing.
- Store the dethatcher/scarifier in a dry, secure location, out of reach of children.
- The handle can be folded for compact storage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Sun Joe AJ805E.

Problem	Possible Cause	Solution
Unit does not start	No power supply; safety switch not engaged; damaged cord.	Check power connection; ensure safety button and switch lever are fully engaged; inspect and replace damaged cords.
Poor dethatching/scarifying performance	Incorrect depth setting; worn tines/blades; excessive thatch.	Adjust depth to a lower setting; replace worn cylinders; make multiple passes or reduce speed.
Collection bag fills too quickly	High volume of thatch/debris.	This is normal for effective dethatching. Empty the bag more frequently. Consider raking up thatch if the volume is very high.
Unit vibrates excessively	Damaged or unbalanced cylinder; loose components.	Inspect cylinder for damage; ensure all assembly bolts are tight.

8. SPECIFICATIONS

Technical details for the Sun Joe AJ805E Electric Lawn Dethatcher & Scarifier.

Specification	Detail
Brand	Sun Joe
Model Number	AJ805E
Power Source	Corded Electric
Motor	13 Amp
Cutting Width	15 Inches (38.1 cm)
Collection Bag Capacity	13.2 Gallons
Depth Control	5-Position
Item Weight	27.1 Pounds
Product Dimensions	24.4"D x 19.3"W x 12.2"H
Material	Alloy Steel

Specification	Detail
UPC	842470123731



Figure 7: Product dimensions of the Sun Joe AJ805E.

9. WARRANTY AND SUPPORT

This Sun Joe product is covered by a manufacturer's warranty. For specific warranty details, registration, or technical support, please refer to the documentation included with your purchase or visit the official Sun Joe website. For direct assistance, you may contact Sun Joe customer service.

For additional information or to explore other Sun Joe products, visit the [Sun Joe Brand Store](#).

	<p><u>Sun Joe AJ805E Electric Lawn Scarifier + Dethatcher Operator's Manual</u></p> <p>Operator's manual for the Sun Joe AJ805E Electric Lawn Scarifier + Dethatcher. This guide provides essential safety instructions, assembly steps, operating procedures, and maintenance tips for the AJ805E model.</p>
	<p><u>Sun Joe Electric Scarifier + Dethatcher AJ808E Operator's Manual</u></p> <p>This operator's manual provides essential safety instructions, assembly guidance, operation details, and maintenance tips for the Sun Joe Electric Scarifier + Dethatcher, Model AJ808E. Learn how to use and care for your scarifier and dethatcher for optimal lawn care.</p>
	<p><u>Snow Joe AJ805E-RM Electric Lawn Scarifier + Dethatcher Operator's Manual</u></p> <p>Comprehensive operator's manual for the Snow Joe AJ805E-RM electric lawn scarifier and dethatcher, covering safety instructions, assembly, operation, maintenance, troubleshooting, and warranty information.</p>
	<p><u>Sun Joe 24V-X2-DTS15 Cordless Lawn Scarifier + Dethatcher Operator's Manual</u></p> <p>Comprehensive operator's manual for the Sun Joe 24V-X2-DTS15 Cordless Lawn Scarifier + Dethatcher, covering safety instructions, operation, maintenance, and troubleshooting.</p>
	<p><u>Snow Joe 24V-X2-DTS15-CT-RM Cordless Lawn Scarifier + Dethatcher Operator's Manual</u></p> <p>This operator's manual provides essential safety instructions, operating guidelines, maintenance tips, and troubleshooting advice for the Snow Joe 24V-X2-DTS15-CT-RM Cordless Lawn Scarifier + Dethatcher. Learn how to safely use, maintain, and store your product for optimal performance.</p>
	<p><u>Snow Joe 48V Max 15-Inch Cordless Lawn Scarifier + Dethatcher (Tool Only) Operator's Manual</u></p> <p>Operator's manual for the Snow Joe 48V Max 15-inch cordless lawn scarifier and dethatcher (tool only). This document provides comprehensive safety instructions, operational guidelines, assembly procedures, maintenance tips, technical specifications, and troubleshooting advice for the model 24V-X2-DTS15-CT-RM.</p>



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your product, be sure to register online at

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to enjoy full product support.



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1 SAVE THESE INSTRUCTIONS

[Snow Joe AJ805E-RM Electric Lawn Scarifier + Dethatcher Operator's Manual](#)

Comprehensive operator's manual for the Snow Joe AJ805E-RM electric lawn scarifier and dethatcher, covering safety instructions, assembly, operation, maintenance, troubleshooting, and warranty information.

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[\[pdf\] User Manual Instructions](#)

ELECTRIC LAWN SCARIFIER DETHATCHER Snow JoeSi votre scarificateur aérateur électrique AJ805E nécessite une intervention technique ou un entretien veuillez appeler le 1 866 SNOWJOE 766 9563 pour AJ805E MANUAL combinedfiles snowjoe product manuals combined |||

R OPERATOR S MANUAL A Division of Snow Joe, LLC ELECTRIC LAWN SCARIFIER EN DETHATCHER 15-INCH 13-AMP Model **AJ805E** Form No.

SJ-AJ805E-880E-M IMPORTANT Safety Instructions All Operators Must Read These Instructions Before Use Always follow basic safety procedures. Failure to do so may result in serious injury or death.

General Safety Warnings!

When using this electric scarifier + dethatcher, basic safety procedures should always be followed to reduce the risk of personal injury.

Before using the scarifier + dethatcher, take the time to familiarize yourself with the following safety guidelines. The key individuals who use this machine should be instructed in the safe use of the scarifier + dethatcher. It is important to understand the instructions and the never to force the scarifier + dethatcher. Read the instructions before using the scarifier + dethatcher.

Read the instructions before using the scarifier + dethatcher.

General Safety

1. Keep work area clean and well-lit – Cluttered, dark environments are dangerous. Do not use the scarifier + dethatcher in the dark.

2. Use personal protective equipment – When using the scarifier + dethatcher, wear safety glasses with side shields or goggles to prevent flying debris. Use a face or dust mask if you are exposed to dust or debris.

3. Wear hearing protection – When using the scarifier + dethatcher, wear hearing protection to prevent hearing damage. Use a face or dust mask if you are exposed to dust or debris.

4. Wear proper clothing – Do not wear loose clothing or jewelry that could get caught in the moving parts. Do not wear shorts or skirts. Do not wear loose clothing or jewelry that could get caught in the moving parts. Do not wear shorts or skirts.

5. Do not use the scarifier + dethatcher if you are tired or ill. Make sure the scarifier + dethatcher is in good working order.

6. Do not force the tool – If it does not perform better with less force, then it is time to stop using the scarifier + dethatcher. Do not use the tool for which it is designed.

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1 SAVE THESE INSTRUCTIONS

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[\[pdf\] User Manual Warranty](#)

Sun Joe Electric Lawn Dethatcher Scarifier with 13 2 Gal Bag Amp 15 Inch Black Green Heavy Duty Gardening Machine and Equipment for Yard Grass AJ805E Corded GREENAJ805E User Manual Snow GREEN B0FR7GC1VV B08WJQPHRG B08ZDN3NM3C1SpDCqkZqLm media amazon images I C1SpDCqkZqL |||

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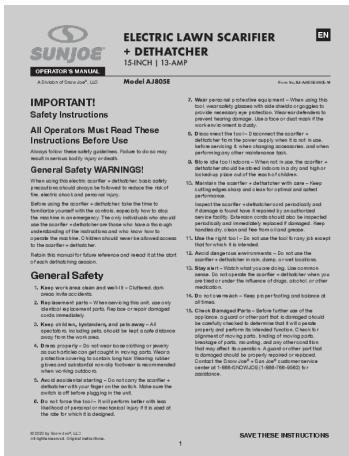
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[Sun Joe AJ805E Electric Lawn Scarifier + Dethatcher Operator's Manual](#)

Operator's manual for the Sun Joe AJ805E Electric Lawn Scarifier + Dethatcher. This guide provides essential safety instructions, assembly steps, operating procedures, and maintenance tips for the AJ805E model.

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[\[pdf\] User Manual Instructions](#)

ELECTRIC LAWN SCARIFIER EN R DETHATCHER 15 INCH 13 AMP Retain this manual for future reference and reread it at the start of each dethatching session General Safety 1 Keep work area clean well lit Cluttered dark areas invite accidents 2 Replacement parts When servicing unit use only identical replacement Replace or repair damaged cords immediately 3 AJ805E MANUAL combined files snowjoe product manuals

R OPERATOR S MANUAL A Division of Snow Joe, LLC ELECTRIC LAWN SCARIFIER EN DETHATCHER 15-INCH 13-AMP Model **AJ805E** Form No. SJ-AJ805E-880E-M

IMPORTANT Safety Instructions All Operators Must Read These Instructions Before Use Always follow these safety guidelines. Failure to do so may result in serious injury or death. General Safety WARNINGS! When using this electric scarifier + dethatcher, follow these basic safety guidelines: 1. Always use caution when working with electrical equipment. Avoid contact with the electric cord. Do not use the unit if the electric shock could personal injury. 2. Do not use the scarifier + dethatcher in a dark or low-lighted area. Turn the unit off and unplug it before moving it to a new location. 3. Always follow the manufacturer's instructions with the controls, especially how to stop the unit. 4. Do not use the scarifier + dethatcher if you are not physically able to use the scarifier + dethatcher or if you have a physical condition that would prevent you from using the scarifier + dethatcher. 5. Children should never be allowed access to the unit. 6. Follow this manual for future reference and reread it at the start of each dethatching session.

General Safety

1. Keep the work area clean and well lit. Cluttered, dim areas invite accidents. 2. Wear safety glasses and hearing protection. Use only identified replacement parts. Fix loose or worn damaged components immediately. 3. Keep children and pets away. A 10-foot radius around the unit is the safe distance for the work area. 4. Turn off the power switch before moving the unit. 5. Do not use the scarifier + dethatcher in rainy, wet, or damp conditions. 6. Do not use the scarifier + dethatcher in freezing, cold temperatures. 7. Do not use the scarifier + dethatcher in extremely hot temperatures. 8. Avoid electrical starting. Do not carry the scarifier + dethatcher by the cord. Do not pull the cord to move the unit or before plugging in the unit. 9. Do not use the scarifier + dethatcher if it has been left unused for a period of time. Inspect the unit before use. 10. Use the unit for which it is designed.

1. Wear personal protective equipment. When using this unit, always wear safety glasses and hearing protection. 2. Avoid eye contact with the scarifier + dethatcher for the power supply when it is not in use. 3. Do not use the scarifier + dethatcher if you are not physically able to use the scarifier + dethatcher. 4. Do not use the scarifier + dethatcher if you have a physical condition that would prevent you from using the scarifier + dethatcher. 5. Always use caution when working with electrical equipment. Avoid contact with the electric cord. Do not use the unit if the electric shock could personal injury. 6. Do not use the scarifier + dethatcher in a dark or low-lighted area. Turn the unit off and unplug it before moving it to a new location. 7. Always follow the manufacturer's instructions with the controls, especially how to stop the unit. 8. Do not use the scarifier + dethatcher if you are not physically able to use the scarifier + dethatcher or if you have a physical condition that would prevent you from using the scarifier + dethatcher. 9. Children should never be allowed access to the unit. 10. Follow this manual for future reference and reread it at the start of each dethatching session.

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