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> John Deere OEM Grass Bag Kit AM122416 Instruction Manual

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John Deere OEM Grass Bag Kit Instruction Manual

Model: AM122416

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1. INTRODUCTION

This manual provides essential instructions for the proper assembly, installation, operation, and maintenance of your John Deere OEM Grass Bag Kit, part number AM122416. This kit is designed to collect grass clippings efficiently, ensuring a cleaner lawn finish. Please read this manual thoroughly before attempting to install or operate the grass bag kit to ensure safe and effective use.

Compatibility: This grass bag kit is compatible with various John Deere lawn tractors and mowers. Refer to your equipment's original owner's manual to verify compatibility with part number AM122416.

Compatible models include, but are not limited to:

- **L Series:** L100, L105, L107, L108, L110, L111, L118, L120, L130
- **LA Series:** LA100, LA105, LA110, LA115, LA120, LA125, LA130, LA135, LA140, LA145, LA150, LA155, LA165, LA175
- **X Series:** X105, X106, X110, X120, X125, X126, X140, X145, X165, X166
- **D Series:** D100, D105, D110, D120, D125, D130, D140, D150, D155, D160, D170
- **E Series:** E100, E110, E120, E130, E140, E150, E160, E170, E180
- **G Series:** G100, G110
- **Z Series:** Z225 EZTrak, Z245 EZTrak, Z425 EZTrak, Z445 EZTrak
- **Other Models:** 102, 105, 115, 125, 135, 145, 155C, 190C, S240, Sabre 1338G

2. SAFETY INFORMATION

Always prioritize safety when working with lawn care equipment. Failure to follow safety instructions can result in serious injury.

- **Read Equipment Manuals:** Always refer to your John Deere lawn tractor or mower's original owner's manual for specific safety guidelines related to your machine.
- **Personal Protective Equipment (PPE):** Wear appropriate safety glasses, gloves, and sturdy footwear when installing, operating, or maintaining the grass bag kit.
- **Engine Off:** Ensure the engine of your lawn tractor or mower is completely off, the parking brake is engaged, and the key is removed before performing any installation, adjustment, or maintenance on the grass bag kit.
- **Moving Parts:** Be aware of moving parts. Never place hands or feet near the mower blades or discharge chute when the engine is running.
- **Secure Attachment:** Ensure the grass bag kit is securely attached according to the instructions. A loose bag can detach during operation, posing a hazard.
- **Weight Distribution:** A full grass bag can alter the balance of your mower. Exercise caution, especially on slopes.
- **Children and Bystanders:** Keep children and bystanders away from the work area during installation and operation.

3. PACKAGE CONTENTS

Verify that all components are present in your John Deere OEM Grass Bag Kit (AM122416) before beginning installation. If any parts are missing or damaged, contact your authorized John Deere dealer.

- Grass Bag (Polyester, Black)
- Frame Assembly (typically metal rods or plastic supports)
- Mounting Hardware (specific to your mower model, may include pins, clips, or bolts)
- Instruction Sheet (this document)



Figure 1: John Deere OEM Grass Bag Kit showing the black polyester bag and its frame components.

4. SETUP AND INSTALLATION

Follow these steps carefully to install the grass bag kit on your compatible John Deere lawn tractor or mower. Specific steps may vary slightly depending on your exact mower model. Always refer to your mower's owner's manual for detailed instructions regarding accessory attachment points.

1. Prepare the Mower:

- Park the mower on a flat, level surface.
- Turn off the engine and remove the ignition key.
- Engage the parking brake.
- Allow any hot components to cool down.

2. Remove Existing Components (if applicable):

- If your mower has a rear discharge deflector or an existing grass collection system, remove it according to your mower's owner's manual.

3. Assemble the Grass Bag Frame:

- Unpack the frame components.
- Assemble the frame according to the diagrams provided with your kit (if separate diagrams are included). Ensure all connections are secure.

4. Attach the Grass Bag to the Frame:

- Carefully slide the polyester grass bag over the assembled frame.
- Ensure the bag is fully seated and secured to the frame, typically by elastic edges, clips, or straps. The opening of the bag should align with the mower's discharge chute.

5. Mount the Grass Bag Assembly to the Mower:

- Position the assembled grass bag and frame at the rear discharge opening of your mower.
- Align the mounting points on the frame with the corresponding attachment points on the mower. These are typically pins, hooks, or slots.
- Secure the frame to the mower using the provided mounting hardware (e.g., insert pins, tighten bolts, or engage clips).
- Verify that the grass bag assembly is firmly attached and does not wobble. It should not interfere with the operation of the mower or any moving parts.

6. Final Check:

- Before starting the mower, visually inspect all connections to ensure they are tight and secure.
- Confirm that the grass bag opening is properly aligned with the mower's discharge chute to prevent clippings from escaping.

5. OPERATING INSTRUCTIONS

Once the grass bag kit is installed, follow these guidelines for effective operation.

- **Start Mower:** Start your John Deere lawn tractor or mower according to its owner's manual.
- **Engage Blades:** Engage the mower blades. Grass clippings will be directed into the grass bag.
- **Monitor Bag Fill Level:** Periodically check the grass bag's fill level. A full bag will reduce collection efficiency and may cause clippings to clog the discharge chute.
- **Emptying the Bag:**
 - Before emptying, turn off the mower engine, remove the key, and engage the parking brake.
 - Carefully detach the grass bag from its frame or the mower's mounting points.
 - Empty the clippings into a compost pile or designated waste receptacle.
 - Reattach the empty grass bag securely before resuming operation.
- **Optimal Conditions:** For best results, mow when grass is dry. Wet grass is heavier and can clog the bag or chute more easily.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your grass bag kit.

- **Cleaning:**
 - After each use, or as needed, remove grass clippings and debris from the inside and outside of the bag.

- For stubborn dirt, the polyester bag can be rinsed with water. Allow it to air dry completely before storage to prevent mildew.
- Clean the frame components with a damp cloth.

- **Inspection:**

- Periodically inspect the grass bag for tears, holes, or excessive wear. Replace the bag if it is significantly damaged.
- Check the frame for bends, cracks, or loose connections. Tighten any loose hardware.
- Inspect mounting points on the mower for wear or damage.

- **Storage:**

- When not in use, store the grass bag kit in a clean, dry place, away from direct sunlight and extreme temperatures.
- Ensure the bag is completely dry before storing to prevent mildew and odor.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your grass bag kit.

Problem	Possible Cause	Solution
Grass bag not collecting clippings efficiently.	<ul style="list-style-type: none"> • Bag is full. • Discharge chute is clogged. • Grass is wet or too tall. • Mower blades are dull. • Bag not properly attached. 	<ul style="list-style-type: none"> • Empty the grass bag. • Clear any obstructions from the discharge chute (ensure engine is off). • Mow when grass is dry and at an appropriate height. • Sharpen or replace mower blades. • Re-attach the bag securely, ensuring proper alignment.
Grass bag detaches during operation.	<ul style="list-style-type: none"> • Improper installation. • Damaged mounting hardware or frame. • Excessive vibration. 	<ul style="list-style-type: none"> • Review installation steps and ensure all connections are secure. • Inspect frame and hardware for damage; replace if necessary. • Check mower for unusual vibrations; consult mower manual if persistent.
Bag tears or wears quickly.	<ul style="list-style-type: none"> • Contact with sharp objects. • Overfilling the bag. • Improper storage. 	<ul style="list-style-type: none"> • Avoid mowing over debris that could damage the bag. • Empty the bag before it becomes excessively heavy or overstuffed. • Store the bag in a protected area, away from elements and pests.

8. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Part Number	AM122416
Brand	John Deere
Material	Polyester (Heavy Duty)
Color	Black
Item Form	Bag
Recommended Use	Yard Waste Collection
Item Weight	1.75 Pounds (0.79 kg)
Item Dimensions (L x W x H)	14 x 14 x 6 inches (35.56 x 35.56 x 15.24 cm)

9. WARRANTY AND SUPPORT

For information regarding the warranty of your John Deere OEM Grass Bag Kit (AM122416), please refer to the official John Deere warranty policy provided with your original equipment or visit the official John Deere website. Warranty terms and conditions may vary.

For technical support, replacement parts, or further assistance, please contact your authorized John Deere dealer or visit the John Deere customer support portal online.

John Deere Official Website: www.deere.com